

DOCKETED

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**SANTA CRUZ COUNTY ENVIRONMENTAL HEALTH SERVICE
701 OCEAN STREET, ROOM 312
SANTA CRUZ, CA 95060 831-454-2022
HEALTH PERMIT INVOICE**

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FACILITY ID: FA0004234

INVOICE ID: IN0062653

OWNER ID: OW0003895

TO: JOHN LUKRICH
460 MARTINELLI STREET
WATSONVILLE, CA 95076

12-05-2012
Invoice written off &
facility closed in EC
per 12-03-2012 inspection
report.
Ew

EXPIRATION DATE: 12/1/2012

ATTN: JOHN LUKRICH
90 MINTO RD
WATSONVILLE

BUSINESS PHONE: (831) 728-3067

Program/ Element	Description	Amount
2113	HMMP STANDARD FORM QR 3	\$265.00
2122	HMMP STANDARD FORM FILING FEE	\$301.00
2119	STATE SURCHARGE (HMMP FACILITY)	\$35.00

TOTAL DUE FOR THIS INVOICE: \$ 601.00
THIS INVOICE IS DUE: December 01, 2012
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CERS #10193593

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\$ 742.50	\$ 884.00	\$ 1,167.00

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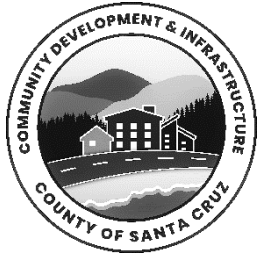
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County of Santa Cruz

Department of Community Development and Infrastructure

701 Ocean Street, Fourth Floor, Santa Cruz, CA 95060
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June 27, 2023
via electronic mail

DILLON KASS
REGIONAL WATER QUALITY CONTROL BOARD
895 Aerovista Place Suite 101
San Luis Obispo, CA 93401-7906

SUBJECT: 2023 ANNUAL GROUNDWATER MONITORING REPORT
ROY WILSON YARD, WATSONVILLE

Dear Mr. Kass:

Attached is the Roy Wilson Yard Annual Groundwater Monitoring Report for 2023. The report was prepared in accordance with the revised Groundwater Monitoring and Reporting Program (MRP) No. 99-052 dated August 29, 2011. This cover letter includes a summary of findings from this monitoring period as required. Our solid waste consultant, Geosyntec Consultants, prepared the enclosed copy of the report.

Facility Name: *Roy Wilson Yard*

Address: *198 Grimmer Road
Watsonville, CA 95076*

Contact Person: *Mr. Kasey Kolassa*
Title: *Recycling and Solid Waste Services Manager*
Phone Number: *(831) 454-2160*

WDR Order Number: *MRP No. 99-052*

Type of Report: Monthly Quarterly Annual

Monitoring Period(s) (circle): 1st 2nd 3rd 4th

Year: 2023

Violation(s) (place an X by the appropriate choice): No X (there are no violations or non-compliance to report) Yes

2023 ANNUAL GROUNDWATER MONITORING REPORT

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In accordance with MRP No. 99-052, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision by following a system designed to assure qualified personnel properly gather and evaluate the information submitted. Based on my knowledge of the person(s) who manage the system, or those directly responsible for data gathering, the information submitted, to the best of my knowledge and belief, is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you have any questions or require additional information, please contact the undersigned at (831) 454-2160.

Yours truly,

MATT MACHADO

Deputy CAO

Director of Community Development and Infrastructure

By: 
BED96A7FE2D4406...
Kasey Kolassa
Recycling and Solid Waste
Services Manager

KK:jv

Attachments

Copy to: Andrew Strader, Environmental Health
Steve Wiesner, Public Works
Nicole Gotberg, Geosyntec
Sangeeta Lewis, Geosyntec



engineers | scientists | innovators

2023 ANNUAL GROUNDWATER MONITORING REPORT

ROY WILSON YARD WATSONVILLE, CALIFORNIA

Prepared for

Santa Cruz County, Department of Public Works

701 Ocean Street, Room 410

Santa Cruz, California 95060

Prepared by

Geosyntec Consultants, Inc.

1111 Broadway, 6th Floor

Oakland, California 94607

Project Number: WG2561D

June 27, 2023

2023 Annual Groundwater Monitoring Report

ROY WILSON YARD WATSONVILLE, CALIFORNIA

I certify that the staff of Geosyntec Consultants, under my supervision, prepared this report. Based on Geosyntec's inquiry of the person(s) who are directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true and accurate. The services performed by Geosyntec have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No attempt to verify the accuracy of the data provided by others was made. No warranty is expressed or implied.



Nicole Gotberg, P.G.
Principal Geologist

6/27/2023

Date



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ACRONYMS AND ABBREVIATIONS

µg/L	micrograms per liter
1,2-DCA	1,2-dichloroethane
bgs	below the ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
bTOC	below the top of casing
COCs	chemicals of concern
DO	dissolved oxygen
EPA	United States Environmental Protection Agency
ft/ft	feet per foot
Geosyntec	Geosyntec Consultants, Inc.
ID	identification
MCL	Maximum Contaminant Levels
mg/L	milligrams per liter
MNA	monitored natural attenuation
MRP	monitoring and reporting program
msl	mean sea level
MTBE	methyl-tert butyl ether
ORP	oxidation reduction potential
PVC	polyvinyl chloride
QA/QC	quality assurance/quality control
RWQCB	Central Coast Regional Water Quality Control Board
SCCDPW	Santa Cruz County Department of Public Works
SCCEHS	Santa Cruz County Environmental Health Services
SCM	Site Conceptual Model
the Site	the SCCDPW Roy Wilson Yard
TPHd	total petroleum hydrocarbons as diesel
TPHg	total petroleum hydrocarbons as gasoline
USTs	underground storage tanks

1. SUMMARY

This report was prepared for the Santa Cruz County Department of Public Works (SCCDPW) Roy Wilson Yard (the Site), located at 198 Grimmer Road in Watsonville, Santa Cruz County, California (**Figure 1**). Geosyntec Consultants, Inc. (Geosyntec) prepared this report on behalf of SCCDPW for submission to the Central Coast Regional Water Quality Control Board (RWQCB). This report provides the results of groundwater monitoring performed in compliance with the monitoring and reporting program (MRP) No. 99-052 (RWQCB, 2011a). On February 17, 2016, the RWQCB approved a reduction in the monitoring and reporting frequency to once a year (RWQCB, 2016).

In accordance with the MRP, a summary is provided below outlining the contents, including:

- 1) number and identification (ID) of monitoring wells sampled during the reporting period;
- 2) highest and lowest depths to groundwater and corresponding well IDs;
- 3) highest and lowest groundwater elevations and corresponding well IDs;
- 4) groundwater flow direction and gradient;
- and 5) ID of wells with highest concentrations of petroleum hydrocarbon constituents exceeding groundwater cleanup goals.

1. In March 2023, monitoring wells MW-2, MW-3, and MW-7 were sampled, and depth to groundwater was gauged in MW-1, MW-2, MW-3, MW-4, MW-5, and MW-7.
2. The shallowest depth to groundwater was 2.91 feet below the top of casing (bTOC) at MW-1, and the deepest depth to groundwater was 8.36 feet bTOC at MW-2.
3. The highest groundwater elevation was 92.80 feet above mean sea level (msl) at MW-1, and the lowest groundwater elevation was 87.89 feet above msl at MW-4.
4. The inferred groundwater flow direction is towards the west with components to the northwest, and the estimated hydraulic gradient was 0.038 feet per foot (ft/ft).
5. Concentrations of petroleum hydrocarbon constituents detected in monitoring wells MW-2, MW-3, and MW-7 in March 2023 exceeded the groundwater cleanup goals.

The remainder of this report is organized into the following sections.

- Section 2, *Background*, describes the physical characteristics of the Site and surrounding area and provides a summary of the Site's remedial history.
- Section 3, *Annual Groundwater Monitoring*, describes the March 2023 groundwater monitoring event and presents the groundwater analytical results.
- Section 4, *Conclusions and Future Work*, summarizes the findings discussed in the report and presents recommendations for the Site.
- Section 5, *References*, provides references used to prepare this report.

2. BACKGROUND

2.1 Site Description

The Site is located approximately 1,500 feet north of Holohan Road in the Pajaro Valley, near Watsonville, California (**Figure 1**). The Site is a vehicle and equipment maintenance and storage yard operated by SCCDPW. The maintenance and storage yard occupies three buildings and adjacent paved areas in the southern portion of the Site. The areas surrounding the Site are used for agricultural purposes (**Figure 2**).

The Pajaro Valley Unified School District leases the northern portion of the Site as a yard for school buses. School buses are parked on-site and fueled using two aboveground storage tanks with secondary containment. Additionally, two buildings in the northwest portion of the Site are used for bus maintenance. During the day, bus drivers park personal vehicles in an unpaved area in the northeast portion of the Site. The northeast portion of the Site is currently undeveloped, but has previously been used for soil stockpiling and additional parking (Terratech, Inc., 1995) (**Figure 2**).

2.2 Geological and Hydrological Setting

The Site elevation is approximately 95 feet above msl. The Site is located approximately 400 feet west of College Lake and 2,500 feet north of Corralitos Creek (**Figure 1**). College Lake is seasonal and has water in the winter but is dry in the summer when the exposed land is used for agriculture. An agricultural area west of the Site is approximately 8 to 10 feet lower in elevation than the Site and is separated from the Site by a drainage ditch. The area immediately east of the portion of the Site occupied by SCCDPW is approximately 8 to 10 feet higher in elevation than the Site; however, about 500 feet east of the Site, the ground surface elevation is approximately 30 feet lower than the Site (**Figure 2**).

The geologic material identified at the Site surface was mapped as a terrace deposit. This unit is semi-consolidated and consists of moderately to poorly sorted silty clay, silt, sand, and gravel. A 50-foot-thick gravel layer is generally present at a depth of 50 feet below the ground surface (bgs) and acts as a local aquifer. Alluvial flood plain deposits comprised of unconsolidated, relatively fine-grained sand, silt, and clay were mapped adjacent to the Site on the west, below the embankment along the property line (Terratech, Inc., 1995).

Both the terrace deposit and the alluvial flood plain deposits are each approximately 200 feet thick near the Site and are underlain by the Aromas Sand Formation. The Aromas Sand Formation is about 500 feet thick beneath the Site and is underlain by the Purisima Formation. The terrace deposits, alluvial flood plain deposits, Aromas Sands, and Purisima Formation are all water-bearing units that contribute to the area's water supply. Perched groundwater zones occur in the terrace and flood plain deposits where the percolation of rainfall and irrigation is inhibited by low permeability horizons in near-surface deposits (Terratech, Inc., 1996).

2.3 Site History

A chronology of the Site history is as follows.

- Three underground storage tanks (USTs) were removed and the surrounding soil was excavated between November 1993 and June 1995.
- In December 1995, three groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed at the Site and petroleum hydrocarbons and related compounds were detected in shallow groundwater.
- In August 1997, three additional groundwater monitoring wells (MW-4, MW-5, and MW-6) were installed.
- On March 25, 1999, the RWQCB issued MRP Number 99-052 (RWQCB, 1999).
- On December 22, 2008, MRP Number 99-052 was revised and annual sampling of MW-1, MW-4, and MW-5 was removed from the monitoring program.
- In June and July 2009, monitoring well MW-6 was destroyed and monitoring well MW-7 was installed, both with RWQCB approval.
- On June 26, 2009, Geosyntec, on behalf of SCCPDW, submitted a *Work Plan for Evaluation of Monitored Natural Attenuation (MNA)* (Geosyntec, 2009), which was approved by the RWQCB.
- On April 29, 2011, the RWQCB requested a *Site Conceptual Model (SCM) Report* (RWQCB, 2011b).
- On August 29, 2011, the RWQCB revised the MRP (RWQCB, 2011a).
- On May 29, 2012, an *SCM Report* was submitted to the RWQCB (Geosyntec, 2012). The *SCM Report* was revised to address RWQCB comments and resubmitted on April 5, 2013 (Geosyntec, 2013a).
- On April 5, 2013, a *Data Gaps Investigation Work Plan* was submitted to the RWQCB to address the vapor intrusion pathway (Geosyntec, 2013b).
- On July 22, 2013, the RWQCB transferred regulatory oversight to Santa Cruz County Environmental Health Services (SCCEHS) (RWQCB, 2013).
- On July 31, 2013, SCCEHS provided comments on the *Revised SCM Report* and *Data Gaps Investigation Work Plan* (SCCEHS, 2013) requesting additional work be conducted to address data gaps.
- On January 3, 2014, a report was submitted to SCCEHS that included results from a vapor intrusion investigation and a response to the July 31, 2013, SCCEHS comments (Geosyntec, 2014a).
- On June 12, 2014, the *Spring 2014 Semi-Annual Groundwater Monitoring and Data Gaps Investigation Report* was submitted to SCCEHS (Geosyntec, 2014b). This report compared the Site to the low-threat UST closure policy criteria and concluded the Site did not meet the criteria, so MNA continued as the remedial alternative.

- On September 10, 2014, SCCEHS agreed to continued groundwater monitoring at the Site in accordance with the MRP.
- On June 30, 2015, SCCEHS transferred regulatory oversight back to the RWQCB.
- On February 17, 2016, the RWQCB approved a request to reduce the monitoring and reporting frequency at the Site from semiannual to annual.

The Site layout with sample locations, wells, and other relevant Site features is shown in **Figure 3**. This report includes the results of the 2023 annual groundwater monitoring event.

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3. ANNUAL GROUNDWATER MONITORING

Table 1 provides the construction details for the seven groundwater monitoring wells at the Site.

3.1 Field Activities

The following activities were conducted in 2023.

- Depth-to-water was gauged for all Site monitoring wells on March 7, 2023;
- Groundwater samples and field parameters were collected from monitoring wells MW-2, MW-3, and MW-7 on March 7, 2023; and
- The groundwater samples were analyzed by the analytical laboratory, Eurofins Calscience.

3.2 Field Procedures

All field activities for the 2023 annual monitoring event were performed by SCCDPW personnel. On March 7, 2023, depth-to-water was gauged in the monitoring wells using an electric water level indicator. After water levels were measured, groundwater samples were collected from monitoring wells MW-2, MW-3, and MW-7. Prior to collecting samples, each monitoring well was initially purged of three casing volumes with a new, disposable polyvinyl chloride (PVC) bailer. Field groundwater parameters, including pH, electrical conductivity, temperature, dissolved oxygen (DO), and oxidation reduction potential (ORP) were measured using a downhole YSI 566 Multiprobe. Field sampling sheets and water level measurements are included in **Appendix A**.

After the completion of purging, groundwater samples were collected with a disposable PVC bailer, placed in laboratory-supplied sampling containers, labeled, and stored in a cooler with ice. Samples were transported under standard chain-of-custody procedures to Eurofins Calscience, a State-of-California certified laboratory, for analysis. The analytical laboratory reports are provided in **Appendix B**.

3.3 Results

3.3.1 Groundwater Elevation and Flow Direction

Depth-to-water measurements collected during the 2023 annual monitoring event were used to evaluate the groundwater elevation gradient and flow direction. **Table 2** provides current and previous depth-to-water and groundwater elevation data.

March groundwater elevations ranged from 87.89 feet above msl at well MW-4 to 92.80 feet above msl at well MW-1. Previous monitoring data suggests that groundwater elevations at the Site typically exhibit seasonal fluctuations, with higher elevations observed during the wetter seasons (winter and spring), and lower elevations observed in the drier seasons (summer and fall).

Figure 4 shows groundwater elevation contours for March 2023 and includes a rose diagram showing groundwater flow directions calculated from data collected to date.¹ For March 2023, the general groundwater flow direction inferred from the hydraulic gradient was towards the west, with components to the northwest (**Figure 4, Table 3**). The average gradient in March 2023 was 0.038 ft/ft (200 feet per mile).

3.3.2 Chemicals of Concern Results

Groundwater samples collected in March 2023 were analyzed for the following chemicals of concern (COCs).

- Total petroleum hydrocarbons as gasoline (TPHg) and total petroleum hydrocarbons as diesel (TPHd) by United States Environmental Protection Agency (EPA) Method 8015B;
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8260B; and
- 1,2-dichloroethane (1,2-DCA) and methyl-tert butyl ether (MTBE) by EPA Method 8260B.

Figure 5 presents the COC concentrations for the monitoring wells sampled in March 2023 and **Table 4** presents the COC groundwater analytical data. **Table 5** presents the historical soil analytical data. **Table 6** presents the historical COC grab-groundwater data. In general, COCs are primarily detected adjacent to the former UST area in wells MW-3 and MW-7.

A summary of COCs detected in groundwater during the 2023 annual monitoring event is presented below.

3.3.2.1 MW-2

Benzene was detected at 0.77 micrograms per liter ($\mu\text{g/L}$) and 1,2-DCA was detected at a concentration of 3.0 $\mu\text{g/L}$. No other COCs were detected in the sample collected from MW-2. Historically, COCs have been detected infrequently at MW-2.

3.3.2.2 MW-3 and MW-7

Monitoring wells MW-3 and MW-7, located near the former USTs, have historically had the highest detections of COCs. During the 2023 annual monitoring event, COC concentrations were detected as follows.

¹ Rose diagram gradients and magnitudes are calculated using a combined average of two gradients with three input points at MW-1, MW-2, MW-3 and MW-2, MW-3, and MW-4. The average magnitude of the gradient is plotted using GEORient software.

Analyte	MW-3	MW-7
TPHd (mg/L)	9.5	2.0
TPHg (mg/L)	9.9	7.3
Benzene (µg/L)	81	1,300
Toluene (µg/L)	12	320
Ethylbenzene (µg/L)	220	300
Total Xylenes (µg/L)	47	350
1,2-DCA (µg/L)	<1.0	<1.0
MTBE (µg/L)	14	35

Notes:

mg/L = milligrams per liter

3.3.3 Time Series Trend Analysis

Time series graphs indicating concentrations of TPHd, TPHg, BTEX, 1,2-DCA, and MTBE are shown in **Figure 6** through **Figure 13**. An analysis for the monitoring wells sampled under the 2011 MRP summarizing concentrations relative to Maximum Contaminant Levels (MCL) is presented below.

3.3.3.1 MW-2

Monitoring well MW-2 is located furthest southwest of the former UST area. Historically TPHd has generally not been detected at MW-2, except for a detection at 0.73 mg/L during the 2020 monitoring event. TPHg concentrations in samples have been below the laboratory reporting limit since April 2003. Benzene was detected below its MCL and 1,2-DCA was detected above its MCLs at MW-2 in March 2023. Benzene concentrations exhibited an overall decreasing trend between approximately 1999 and 2011, and a stable trend since 2012. The 1,2-DCA concentration of 3.9 µg/L in March 2023 is within the range of historical detections. COC concentration time series graphs indicate decreasing or stable concentration trends below applicable MCLs for toluene, ethylbenzene, total xylenes, and MTBE.

3.3.3.2 MW-3

Monitoring well MW-3 is adjacent to the area immediately east of the former UST area. In general, TPHg and TPHd concentrations appear to exhibit generally stable or decreasing trends since 2005. TPHd was detected at 9.5 mg/L and TPHg at 9.9 mg/L in MW-3 in 2023. Time series graphs also indicate decreasing concentrations for 1,2-DCA, all BTEX compounds, and MTBE, although benzene and MTBE concentrations exceeded their respective MCLs. Toluene and total xylenes concentrations in samples collected from MW-3 have remained below MCLs since March 2006 and October 2003, respectively, while 1,2-DCA has remained non-detect since 2003. Ethylbenzene concentrations have remained below the MCL since 2020.

3.3.3.3 MW-7

Monitoring well MW-7 is adjacent to the area immediately west of the former UST area. Concentrations of ethylbenzene and total xylenes have generally been below their MCLs since initiation of groundwater sampling. Benzene and MTBE were detected above their respective MCLs at MW-7 in March 2023, consistent with past results. Toluene was within the range of

historical concentrations and above its MCL at 320 µg/L in March 2023. TPHd and TPHg concentrations appear to have exhibited stable or decreasing trends since 2009. The concentrations of 1,2-DCA have been non-detect since 2018.

3.4 Quality Assurance/Quality Control

Geosyntec conducted a quality assurance/quality control (QA/QC) review of the analytical and field data collected during the 2023 annual monitoring event. Data were reviewed for completeness, accuracy, precision, sample contamination, conformance with holding times, and reporting limits within acceptable ranges. A duplicate sample was collected at MW-2 and analyzed for TPHg, BTEX, 1,2-DCA, and MTBE. Acceptable precision (relative percent difference [RPD] $\leq 30\%$) was demonstrated between the field duplicate and the original sample. The review of QA/QC data indicate the results are of an acceptable quality.

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4. CONCLUSIONS AND FUTURE WORK

4.1 Groundwater Monitoring Conclusions

The following conclusions are based on the groundwater monitoring data.

- The 2023 annual monitoring event is generally consistent with previous groundwater monitoring events; and
- Former UST area wells MW-3 and MW-7 continue to have COC concentrations exceeding MCLs, but the concentrations of most COCs generally appear to be stable or decreasing.

4.2 Future Work

The next monitoring event will be conducted at the Site in March 2024, with the annual monitoring report submitted to RWQCB by June 30, 2024.

5. REFERENCES

- Central Coast Regional Water Quality Control Board (RWQCB). 1999. Letter to Mr. Russ Bateson of the County of Santa Cruz, Department of Public Works Regarding UGT [sic]: Roy Wilson Yard, 198 Holohan Road, Watsonville – Corrective Action Plan Implementation. 25 March.
- RWQCB. 2011a. Letter to Mr. John Presleigh of the County of Santa Cruz, Department of Public Works Regarding UST:198 Grimmer Road, Watsonville, Santa Cruz County, Roy Wilson Maintenance Yard – Response to the Proposed Site Conceptual Model and Transmittal of Revised Monitoring and Reporting Program No. 99-052. 29 August.
- RWQCB. 2011b. Letter to Mr. John Presleigh of the County of Santa Cruz, Department of Public Works Regarding UST:198 Grimmer Road, Watsonville, Santa Cruz County, Roy Wilson Maintenance Yard – Request for Site Conceptual Model. 29 April.
- RWQCB. 2013. UST: 198 Grimmer Road, Watsonville, Santa Cruz County, Roy Wilson Maintenance Yard; Notice of Case Transfer (Case No 2503). 22 July.
- RWQCB. 2016. UST: 198 Grimmer Road, Watsonville, Santa Cruz County, Roy Wilson Maintenance Yard; Review of Fall 2015 Semiannual Groundwater Monitoring Report. 17 February.
- Geosyntec Consultants, Inc. (Geosyntec). 2009. Work Plan for Evaluation of Monitored Natural Attenuation, Roy Wilson Yard, Watsonville, California. 26 June.
- Geosyntec. 2012. Site Conceptual Model Report, Roy Wilson Maintenance Yard, Watsonville, California. 29 May.
- Geosyntec. 2013a. Revised Site Conceptual Model Report, Roy Wilson Maintenance Yard, Watsonville, California. 5 April.
- Geosyntec. 2013b. Data Gaps Investigation Work Plan, Roy Wilson Maintenance Yard, Watsonville, California. 5 April.
- Geosyntec. 2014a. Fall 2013 Semi-Annual Groundwater Monitoring Report, Soil Vapor Investigation Report, and Data Gaps Work Plan, Roy Wilson Yard, Watsonville, California. 3 January.
- Geosyntec. 2014b. Spring 2014 Semi-Annual Groundwater Monitoring and Data Gaps Investigation Report, Roy Wilson Yard, Watsonville, California. 12 June.
- Santa Cruz County Environmental Health Services (SCCEHS). 2013. Response to Soil Gas Investigation Work Plan, County of Santa Cruz Roy Wilson Yard, Watsonville, California. 20 September.
- Terratech, Inc. 1995. Report of Underground Storage Tank Removals, Immediate Source Removal, and Stockpile Characterization, County of Santa Cruz Public Works, Holohan Road Maintenance Yard, 198 Holohan Road, Santa Cruz. October.

Terratech, Inc. 1996. Report of Ground Water Monitoring and Reporting Program, Third Quarter 1996. Roy Wilson Yard, 198 Holohan [Grimmer] Road, Santa Cruz County. July.

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TABLES

Table 1
Groundwater Monitoring Well Construction Details
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well Number	Date Installed	Elevation of Top of Casing (ft above MSL)	Boring Diameter (in.)	Casing Material	Casing Diameter (in.)	Total Depth		Screened Interval (ft bTOC)	
						(ft bTOC)	(ft MSL)	(ft bTOC)	(ft MSL)
MW-1	12/1/1995	95.71	8.0	PVC	2.0	32.00	63.71	17-32	78.71 - 63.71
MW-2	12/1/1995	96.68	8.0	PVC	2.0	31.50	65.18	15-30	81.68 - 66.68
MW-3	12/1/1995	97.39	8.0	PVC	2.0	32.00	65.39	17-32	80.39 - 65.39
MW-4	8/1/1997	95.73	8.0	PVC	2.0	30.00	65.73	10-30	85.73 - 65.73
MW-5	8/1/1997	94.68	8.0	PVC	2.0	30.00	64.68	10-30	84.68 - 64.68
MW-6*	8/1/1997	66.72	8.0	PVC	2.0	21.50	45.22	10-20	56.72 - 46.72
MW-7	6/19/2009	96.31	8.0	PVC	2.0	23.00	73.31	13-23	83.31 - 73.31

Notes:

ft = feet

MSL = mean sea level

in. = inches

bTOC = below top of casing

Top of casing elevations surveyed relative to MSL by Mid-Coast Engineers 9/12/97, revised on 2/1/02 for wells MW-01, MW-02, MW-03, MW-04 and MW-05. Top of casing elevation for MW-7 surveyed by Santa Cruz County on 6 October 2009.

*MW-06 well destroyed in accordance with County of Santa Cruz requirements on 2 July 2009.

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-1	3/7/2023	95.71	2.91	92.80
MW-1	3/8/2022	95.71	9.38	86.33
MW-1	3/23/2021	95.71	8.34	87.37
MW-1	3/11/2020	95.71	9.59	86.12
MW-1	3/13/2019	95.71	3.56	92.15
MW-1	3/6/2018	95.71	3.95	91.76
MW-1	4/11/2017	95.71	1.90	93.81
MW-1	3/30/2016	95.71	1.80	93.91
MW-1	9/1/2015	95.71	9.13	86.58
MW-1	3/19/2015	95.71	7.65	88.06
MW-1	9/2/2014	95.71	10.69	85.02
MW-1	3/27/2014	95.71	11.45	84.26
MW-1	9/26/2013	95.71	13.75	81.96
MW-1	9/28/2012	95.71	12.56	83.15
MW-1	3/22/2012	95.71	10.42	85.29
MW-1	9/9/2011	95.71	11.45	84.26
MW-1	7/29/2011	95.71	10.45	85.26
MW-1	6/21/2011	95.71	9.36	86.35
MW-1	5/31/2011	95.71	8.58	87.13
MW-1	4/5/2011	95.71	4.47	91.24
MW-1	3/16/2011	95.71	8.01	87.70
MW-1	2/4/2011	95.71	8.62	87.09
MW-1	1/14/2011	95.71	8.02	87.69
MW-1	12/6/2010	95.71	12.27	83.44
MW-1	11/15/2010	95.71	12.55	83.16
MW-1	10/25/2010	95.71	11.61	84.10
MW-1	9/20/2010	95.71	11.19	84.52
MW-1	8/16/2010	95.71	10.34	85.37
MW-1	7/13/2010	95.71	9.39	86.32
MW-1	6/23/2010	95.71	8.65	87.06
MW-1	5/17/2010	95.71	7.15	88.56
MW-1	4/12/2010	95.71	6.30	89.41
MW-1	3/3/2010	95.71	5.08	90.63
MW-1	2/22/2010	95.71	8.10	87.61
MW-1	1/26/2010	95.71	9.35	86.36
MW-1	12/7/2009	95.71	11.11	84.60
MW-1	11/23/2009	95.71	12.60	83.11
MW-1	10/27/2009	95.71	10.60	85.11
MW-1	9/9/2009	95.71	11.41	84.30
MW-1	5/15/2009	95.71	9.96	85.75
MW-1	3/13/2009	95.71	9.24	86.47
MW-1	9/10/2008	95.71	12.72	82.99
MW-1	3/26/2008	95.71	10.46	85.25
MW-1	9/6/2007	95.71	11.73	83.98
MW-1	3/7/2007	95.71	9.40	86.31

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-1	3/6/2006	95.71	5.00	90.71
MW-1	9/5/2005	95.71	11.32	84.39
MW-1	3/14/2005	95.71	6.70	89.01
MW-1	9/9/2004	95.71	12.38	83.33
MW-1	3/2/2004	95.71	8.03	87.68
MW-1	10/23/2003	95.71	13.31	82.40
MW-1	4/1/2003	95.71	9.55	86.16
MW-1	10/2/2002	95.71	12.55	83.16
MW-1	5/14/2002	95.71	10.80	84.91
MW-1	9/5/2001	95.71	12.80	82.91
MW-1	3/21/2001	95.71	9.14	86.57
MW-1	9/12/2000	95.71	10.55	85.16
MW-1	3/28/2000	95.71	6.18	89.53
MW-1	9/28/1999	95.71	12.82	82.89
MW-1	3/30/1999	95.71	7.90	87.81
MW-1	12/22/1998	95.71	11.03	84.68
MW-1	9/23/1998	95.71	11.68	84.03
MW-1	6/24/1998	95.71	8.61	87.10
MW-1	3/17/1998	95.71	5.51	90.20
MW-1	11/25/1997	95.71	11.86	83.85
MW-1	9/5/1997	95.71	12.18	83.53
MW-1	6/16/1997	95.71	11.13	84.58
MW-1	3/5/1997	95.71	9.35	86.36
MW-1	12/12/1996	95.71	14.76	80.95
MW-1	9/23/1996	95.71	15.67	80.04
MW-1	7/3/1996	95.71	13.56	82.15
MW-1	1/8/1996	95.71	17.61	78.10
MW-1	12/20/1995	95.71	18.46	77.25
MW-2	3/7/2023	96.68	8.36	88.32
MW-2	3/8/2022	96.68	10.75	85.93
MW-2	3/23/2021	96.68	11.19	85.49
MW-2	3/11/2020	96.68	10.35	86.33
MW-2	3/13/2019	96.68	11.98	84.70
MW-2	3/6/2018	96.68	11.21	85.47
MW-2	4/11/2017	96.68	10.20	86.48
MW-2	3/30/2016	96.68	10.65	86.03
MW-2	9/1/2015	96.68	11.98	84.70
MW-2	3/19/2015	96.68	12.12	84.56
MW-2	9/2/2014	96.68	15.37	81.31
MW-2	3/27/2014	96.68	14.94	81.74
MW-2	9/26/2013	96.68	14.12	82.56
MW-2	9/28/2012	96.68	13.70	83.00
MW-2	3/23/2012	96.68	13.00	83.68
MW-2	9/9/2011	96.68	12.64	84.04
MW-2	7/29/2011	96.68	--	--

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-2	6/21/2011	96.68	11.10	86.29
MW-2	5/31/2011	96.68	10.96	86.43
MW-2	4/5/2011	96.68	10.80	86.59
MW-2	3/16/2011	96.68	11.84	84.84
MW-2	2/4/2011	96.68	12.90	83.78
MW-2	1/14/2011	96.68	14.40	82.28
MW-2	12/6/2010	96.68	3.41	93.27
MW-2	11/15/2010	96.68	13.51	83.17
MW-2	10/25/2010	96.68	12.34	84.34
MW-2	9/20/2010	96.68	12.97	83.71
MW-2	8/16/2010	96.68	14.76	81.92
MW-2	7/13/2010	96.68	15.12	81.56
MW-2	6/23/2010	96.68	11.20	85.48
MW-2	5/17/2010	96.68	10.48	86.20
MW-2	4/12/2010	96.68	10.52	86.16
MW-2	3/3/2010	96.68	10.91	85.77
MW-2	2/22/2010	96.68	11.51	85.17
MW-2	1/26/2010	96.68	12.18	84.50
MW-2	12/7/2009	96.68	12.85	83.83
MW-2	11/23/2009	96.68	12.83	83.85
MW-2	10/27/2009	96.68	12.62	84.06
MW-2	9/9/2009	96.68	12.91	83.77
MW-2	5/15/2009	96.68	14.16	82.52
MW-2	3/13/2009	96.68	11.80	84.88
MW-2	9/10/2008	96.68	13.35	83.33
MW-2	3/26/2008	96.68	11.47	85.21
MW-2	9/6/2007	96.68	12.98	83.70
MW-2	3/7/2007	96.68	13.70	82.98
MW-2	9/22/2006	96.68	14.10	82.58
MW-2	3/6/2006	96.68	9.93	86.75
MW-2	9/5/2005	96.68	12.82	83.86
MW-2	3/14/2005	96.68	10.42	86.26
MW-2	9/9/2004	96.68	12.65	84.03
MW-2	3/2/2004	96.68	11.16	85.52
MW-2	10/23/2003	96.68	13.99	82.69
MW-2	4/1/2003	96.68	13.07	83.61
MW-2	10/2/2002	96.68	14.11	82.57
MW-2	5/14/2002	96.68	11.74	84.94
MW-2	9/5/2001	96.68	13.55	83.13
MW-2	3/21/2001	96.68	11.85	84.83
MW-2	9/12/2000	96.68	11.49	85.19
MW-2	3/28/2000	96.68	11.11	85.57
MW-2	9/28/1999	96.68	13.88	82.80
MW-2	3/30/1999	96.68	13.20	83.48
MW-2	12/22/1998	96.68	12.59	84.09

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-2	9/23/1998	96.68	13.26	83.42
MW-2	6/24/1998	96.68	13.20	83.48
MW-2	3/17/1998	96.68	10.00	86.68
MW-2	11/25/1997	96.68	14.72	81.96
MW-2	9/5/1997	96.68	13.80	82.88
MW-2	6/16/1997	96.68	13.93	82.75
MW-2	3/5/1997	96.68	13.35	83.33
MW-2	12/12/1996	96.68	13.71	82.97
MW-2	9/23/1996	96.68	13.71	82.97
MW-2	7/3/1996	96.68	13.20	83.48
MW-2	1/8/1996	96.68	13.65	83.03
MW-2	12/20/1995	96.68	14.93	81.75
MW-3	3/7/2023	97.39	7.03	90.36
MW-3	3/8/2022	97.39	11.75	85.64
MW-3	3/23/2021	97.39	11.38	86.01
MW-3	3/11/2020	97.39	11.97	85.42
MW-3	3/13/2019	97.39	7.51	89.88
MW-3	3/6/2018	97.39	8.59	88.80
MW-3	4/11/2017	97.39	6.15	91.24
MW-3	3/30/2016	97.39	6.94	90.45
MW-3	9/1/2015	97.39	12.13	85.26
MW-3	3/19/2015	97.39	8.05	89.34
MW-3	9/2/2014	97.39	14.62	82.77
MW-3	3/27/2014	97.39	14.02	83.37
MW-3	9/26/2013	97.39	16.82	80.57
MW-3	9/28/2012	97.39	15.69	81.70
MW-3	3/22/2012	97.39	13.45	83.94
MW-3	9/9/2011	97.39	14.25	83.14
MW-3	7/29/2011	97.39	13.32	84.07
MW-3	6/21/2011	97.39	11.77	83.96
MW-3	5/31/2011	97.39	11.08	84.65
MW-3	4/5/2011	97.39	7.22	88.51
MW-3	3/26/2011	97.39	10.14	87.25
MW-3	2/4/2011	97.39	11.40	85.99
MW-3	1/14/2011	97.39	10.67	86.72
MW-3	12/6/2010	97.39	15.01	82.38
MW-3	11/15/2010	97.39	15.88	81.51
MW-3	10/25/2010	97.39	15.56	81.83
MW-3	9/20/2010	97.39	14.85	82.54
MW-3	8/16/2010	97.39	14.02	83.37
MW-3	7/13/2010	97.39	13.81	83.58
MW-3	6/23/2010	97.39	12.02	85.37
MW-3	5/17/2010	97.39	10.62	86.77
MW-3	4/12/2010	97.39	9.62	87.77
MW-3	3/3/2010	97.39	8.22	89.17

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-3	2/22/2010	97.39	10.24	87.15
MW-3	1/26/2010	97.39	11.65	84.74
MW-3	12/7/2009	97.39	13.84	83.55
MW-3	11/23/2009	97.39	10.35	87.04
MW-3	10/27/2009	97.39	12.05	85.34
MW-3	9/9/2009	97.39	14.02	83.37
MW-3	5/15/2009	97.39	12.29	85.10
MW-3	3/13/2009	97.39	10.57	86.82
MW-3	9/10/2008	97.39	15.63	81.76
MW-3	3/26/2008	97.39	11.75	85.64
MW-3	9/6/2007	97.39	14.26	83.13
MW-3	3/7/2007	97.39	11.91	85.48
MW-3	9/22/2006	97.39	13.35	84.04
MW-3	3/6/2006	97.39	7.47	89.92
MW-3	9/5/2005	97.39	14.66	82.73
MW-3	3/14/2005	97.39	9.40	87.99
MW-3	9/9/2004	97.39	15.46	81.93
MW-3	3/2/2004	97.39	9.15	88.24
MW-3	10/23/2003	97.39	16.42	80.97
MW-3	4/1/2003	97.39	12.26	85.13
MW-3	10/2/2002	97.39	15.63	81.76
MW-3	5/14/2002	97.39	13.60	83.79
MW-3	9/5/2001	97.39	15.77	81.62
MW-3	3/21/2001	97.39	12.21	85.18
MW-3	9/12/2000	97.39	13.75	83.64
MW-3	3/28/2000	97.39	9.65	87.74
MW-3	9/28/1999	97.39	16.29	81.10
MW-3	3/30/1999	97.39	11.00	86.39
MW-3	12/22/1998	97.39	14.36	83.03
MW-3	9/23/1998	97.39	15.18	82.21
MW-3	6/24/1998	97.39	12.04	85.35
MW-3	3/17/1998	97.39	8.97	88.42
MW-3	11/25/1997	97.39	14.97	82.42
MW-3	9/5/1997	97.39	16.12	81.27
MW-3	6/16/1997	97.39	14.42	82.97
MW-3	3/5/1997	97.39	11.92	85.47
MW-3	12/12/1996	97.39	16.87	80.52
MW-3	9/23/1996	97.39	18.04	79.35
MW-3	7/3/1996	97.39	15.96	81.43
MW-3	1/8/1996	97.39	19.23	78.16
MW-3	12/20/1995	97.39	19.45	77.94
MW-4	3/7/2023	95.73	7.84	87.89
MW-4	3/8/2022	95.73	9.60	86.13
MW-4	3/23/2021	95.73	10.15	85.58
MW-4	3/11/2020	95.73	9.40	86.33

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-4	3/13/2019	95.73	7.70	88.03
MW-4	3/6/2018	95.73	9.35	86.38
MW-4	4/11/2017	95.73	8.30	87.43
MW-4	3/30/2016	95.73	2.94	92.79
MW-4	9/1/2015	95.73	8.75	86.98
MW-4	3/19/2015	95.73	10.28	85.45
MW-4	9/2/2014	95.73	11.92	83.81
MW-4	3/27/2014	95.73	11.44	84.29
MW-4	9/26/2013	95.73	12.63	83.10
MW-4	9/28/2012	95.73	12.35	83.38
MW-4	3/22/2012	95.73	10.43	85.30
MW-4	9/9/2011	95.73	10.52	85.21
MW-4	7/29/2011	95.73	9.24	86.49
MW-4	6/21/2011	95.73	9.57	85.11
MW-4	5/31/2011	95.73	9.51	85.17
MW-4	4/5/2011	95.73	9.11	85.57
MW-4	3/16/2011	95.73	9.57	86.16
MW-4	2/4/2011	95.73	9.75	85.98
MW-4	1/14/2011	95.73	10.04	85.69
MW-4	12/6/2010	95.73	10.51	85.22
MW-4	11/15/2010	95.73	11.13	84.60
MW-4	10/25/2010	95.73	10.19	85.54
MW-4	9/20/2010	95.73	11.24	84.49
MW-4	8/16/2010	95.73	10.01	85.72
MW-4	7/13/2010	95.73	10.53	85.20
MW-4	6/23/2010	95.73	9.16	86.57
MW-4	5/17/2010	95.73	8.93	86.80
MW-4	4/12/2010	95.73	4.74	90.99
MW-4	3/3/2010	95.73	2.37	93.36
MW-4	2/22/2010	95.73	9.81	85.92
MW-4	1/26/2010	95.73	9.40	86.33
MW-4	12/7/2009	95.73	11.41	84.32
MW-4	11/23/2009	95.73	9.55	86.18
MW-4	10/27/2009	95.73	10.59	85.14
MW-4	9/9/2009	95.73	11.30	84.43
MW-4	5/15/2009	95.73	9.91	85.82
MW-4	3/13/2009	95.73	9.81	85.92
MW-4	9/10/2008	95.73	12.25	83.48
MW-4	3/26/2008	95.73	10.15	85.58
MW-4	9/6/2007	95.73	11.41	84.32
MW-4	3/7/2007	95.73	10.20	85.53
MW-4	3/6/2006	95.73	8.90	86.83
MW-4	9/5/2005	95.73	11.20	84.53
MW-4	3/14/2005	95.73	10.02	85.71
MW-4	9/9/2004	95.73	10.59	85.14

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-4	3/2/2004	95.73	9.84	85.89
MW-4	10/23/2003	95.73	12.37	83.36
MW-4	4/1/2003	95.73	9.67	86.06
MW-4	10/2/2002	95.73	10.72	85.01
MW-4	5/14/2002	95.73	9.98	85.75
MW-4	9/5/2001	95.73	12.04	83.69
MW-4	3/21/2001	95.73	9.58	86.15
MW-4	9/12/2000	95.73	10.37	85.36
MW-4	3/28/2000	95.73	9.48	86.25
MW-4	9/28/1999	95.73	12.00	83.73
MW-4	3/30/1999	95.73	9.77	85.96
MW-4	12/22/1998	95.73	10.62	85.11
MW-4	9/23/1998	95.73	11.20	84.53
MW-4	6/24/1998	95.73	9.78	85.95
MW-4	3/17/1998	95.73	9.16	86.57
MW-4	11/25/1997	95.73	12.35	83.38
MW-4	9/5/1997	95.73	13.20	82.53
MW-5	3/7/2023	94.68	3.06	91.62
MW-5	3/8/2022	94.68	8.23	86.45
MW-5	3/23/2021	94.68	7.93	86.75
MW-5	3/11/2020	94.68	8.09	86.59
MW-5	3/13/2019	94.68	3.45	91.23
MW-5	3/6/2018	94.68	4.15	90.53
MW-5	4/11/2017	94.68	2.35	92.33
MW-5	3/30/2016	94.68	8.86	85.82
MW-5	9/1/2015	94.68	11.51	83.17
MW-5	3/19/2015	94.68	7.03	87.65
MW-5	9/2/2014	94.68	12.54	82.14
MW-5	3/27/2014	94.68	8.68	86.00
MW-5	9/26/2013	94.68	12.60	82.07
MW-5	9/28/2012	94.68	11.93	82.75
MW-5	3/22/2012	94.68	8.75	85.93
MW-5	9/9/2011	94.68	11.34	83.34
MW-5	7/29/2011	94.68	10.65	84.03
MW-5	6/21/2011	94.68	7.81	88.50
MW-5	5/31/2011	94.68	7.17	89.14
MW-5	4/5/2011	94.68	4.24	92.07
MW-5	3/16/2011	94.68	6.03	88.65
MW-5	2/4/2011	94.68	7.85	86.83
MW-5	1/14/2011	94.68	7.64	87.04
MW-5	12/6/2010	94.68	9.72	84.96
MW-5	11/15/2010	94.68	11.21	83.47
MW-5	10/25/2010	94.68	11.70	82.98
MW-5	9/20/2010	94.68	10.82	83.86
MW-5	8/16/2010	94.68	10.58	84.10

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-5	7/13/2010	94.68	8.91	85.77
MW-5	6/23/2010	94.68	7.94	86.74
MW-5	5/17/2010	94.68	6.25	88.43
MW-5	4/12/2010	94.68	9.42	85.26
MW-5	3/3/2010	94.68	9.73	84.95
MW-5	2/22/2010	94.68	6.16	88.52
MW-5	1/26/2010	94.68	7.18	87.50
MW-5	12/7/2009	94.68	9.76	84.92
MW-5	11/23/2009	94.68	11.14	83.54
MW-5	10/27/2009	94.68	8.80	85.88
MW-5	9/9/2009	94.68	10.66	84.02
MW-5	5/15/2009	94.68	8.33	86.35
MW-5	3/13/2009	94.68	10.07	84.61
MW-5	9/10/2008	94.68	11.63	83.05
MW-5	3/26/2008	94.68	8.12	86.56
MW-5	9/6/2007	94.68	10.62	84.06
MW-5	3/7/2007	94.68	7.75	86.93
MW-5	3/6/2006	94.68	4.35	90.33
MW-5	9/5/2005	94.68	10.35	84.33
MW-5	3/14/2005	94.68	6.10	88.58
MW-5	9/9/2004	94.68	11.25	83.43
MW-5	3/2/2004	94.68	4.49	90.19
MW-5	10/23/2003	94.68	11.85	82.83
MW-5	4/1/2003	94.68	8.17	86.51
MW-5	10/2/2002	94.68	11.82	82.86
MW-5	5/14/2002	94.68	9.35	85.33
MW-5	9/5/2001	94.68	11.53	83.15
MW-5	3/21/2001	94.68	8.63	86.05
MW-5	9/12/2000	94.68	9.78	84.90
MW-5	3/28/2000	94.68	5.85	88.83
MW-5	9/28/1999	94.68	11.08	83.60
MW-5	3/30/1999	94.68	6.24	88.44
MW-5	12/22/1998	94.68	9.26	85.42
MW-5	9/23/1998	94.68	9.76	84.92
MW-5	6/24/1998	94.68	6.80	87.88
MW-5	3/17/1998	94.68	3.50	91.18
MW-5	11/25/1997	94.68	8.86	85.82
MW-5	9/5/1997	94.68	12.71	81.97
MW-6	12/22/1998	--	--	60.28
MW-6	9/23/1998	--	--	57.53
MW-6	6/24/1998	--	--	57.21
MW-6	3/17/1998	--	--	62.15
MW-6	11/25/1997	--	--	59.18
MW-6	9/5/1997	--	--	57.29
MW-7	3/7/2023	96.31	7.13	89.18

Table 2
Groundwater Elevation Data
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well	Date	Top of Well Casing Elevation (ft MSL)	Depth to Groundwater Below Top of Casing (ft)	Groundwater Elevation (ft MSL)
MW-7	3/8/2022	96.31	9.78	86.53
MW-7	3/23/2021	96.31	10.52	85.79
MW-7	3/11/2020	96.31	9.85	86.46
MW-7	3/13/2019	96.31	8.00	88.31
MW-7	3/6/2018	96.31	10.00	86.31
MW-7	4/11/2017	96.31	7.12	89.19
MW-7	3/30/2016	96.31	9.33	86.98
MW-7	9/1/2015	96.31	10.74	85.57
MW-7	3/19/2015	96.31	10.94	85.37
MW-7	9/2/2014	96.31	13.32	82.99
MW-7	3/27/2014	96.31	13.34	82.97
MW-7	9/26/2013	96.31	13.64	82.67
MW-7	9/28/2012	96.31	10.00	83.04
MW-7	3/22/2012	96.31	12.92	83.39
MW-7	9/9/2011	96.31	13.93	82.38
MW-7	7/29/2011	96.31	12.93	83.38
MW-7	6/21/2011	96.31	9.57	86.74
MW-7	5/31/2011	96.31	9.20	87.11
MW-7	4/5/2011	96.31	8.82	87.49
MW-7	3/16/2011	96.31	10.20	86.11
MW-7	2/4/2011	96.31	10.85	85.46
MW-7	1/14/2011	96.31	12.15	84.16
MW-7	12/6/2010	96.31	13.04	83.27
MW-7	11/15/2010	96.31	13.21	83.10
MW-7	10/25/2010	96.31	12.96	83.35
MW-7	9/20/2010	96.31	12.21	84.10
MW-7	8/16/2010	96.31	11.46	84.85
MW-7	7/13/2010	96.31	10.64	85.67
MW-7	6/23/2010	96.31	10.05	86.26
MW-7	5/17/2010	96.31	9.20	87.11
MW-7	4/12/2010	96.31	8.99	87.32
MW-7	3/3/2010	96.31	3.76	92.55
MW-7	2/22/2010	96.31	10.23	86.08
MW-7	1/26/2010	96.31	10.28	86.03
MW-7	12/7/2009	96.31	12.02	84.29
MW-7	11/23/2009	96.31	13.35	82.96
MW-7	10/27/2009	96.31	13.92	82.39
MW-7	9/9/2009	96.31	12.78	83.53

Notes:

-- = Historical data not available.

ft = feet

ft MSL = feet above mean sea level

Table 3
Groundwater Gradient Summary
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Sample Date	General Groundwater Flow Direction
Mar-23	West (components to Northwest)
Mar-22	East (components to Southwest and Northwest)
Mar-21	Southwest and West-Northwest
Mar-20	Southeast and Northeast
Mar-19	West and Southwest
Mar-18	Southwest
Apr-17	Southwest
Mar-16	Northeast and Southwest
Sep-15	Northeast and Southwest
Mar-15	West
Sep-14	Southwest (components to Northwest and Southeast)
Mar-14	Southwest (components to Northwest)
Sep-13	East (components to North and South)
Sep-12	East (components to North and South)
Mar-12	West (components to North and South)
Sep-11	East (components to the North)
Jul-11	East (components to North and South)
Jun-11	Southwest and West-Northwest
May-11	Southwest
Apr-11	West
Mar-11	Southwest
Feb-11	Southwest
Jan-11	Southwest
Dec-10	Southeast
Nov-10	East
Oct-10	East
Sep-10	West
Aug-10	Southwest
Jul-10	West
Jun-10	Southwest
May-10	West
Apr-10	East
Mar-10	Southwest
Feb-10	West
Jan-10	Southwest
Dec-09	East
Nov-09	Southwest
Oct-09	West
Sep-09	East (components to North and South)
May-09	Southwest
Sep-08	East
Mar-08	Southwest
Sep-07	East (components to North and South)
Mar-07	Southwest
Sep-06	--
Mar-06	West
Sep-05	East (components to North and South)
Mar-05	West
Sep-04	East (components to North and South)
Oct-03	East (components to North and South)

Notes:

-- = Groundwater direction/gradient could not therefore be established because some wells were not sampled.

Table 4
Groundwater Chemicals of Concern Analytical Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well Name	Sample Date	EPA 8015B (M)		EPA 8260B since Dec 2009; EPA 8021B prior				EPA 8260B since 2001, EPA 8021 B prior			Field Parameters				
		TPHd (mg/L)	TPHg (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	pH (units)	EC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
	MCLs (µg/L)	NA	NA	1	150	300	1,750	0.05	0.5	13					
MW-1	3/26/2008		<0.1	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<1.0					
MW-1	3/8/2007		<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50					
MW-1	3/31/2006		<0.05	<0.50	<0.50	<0.50	<0.50	<5.0	<2.0	<5.0					
MW-1	3/14/2005		<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50					
MW-1	3/2/2004		<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-1	4/1/2003		<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-1	5/14/2002		<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-1	3/22/2001		<0.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-1	3/28/2000		<0.05	<0.5				<0.05	<0.5	<0.5					
MW-1	3/30/1999			<0.5						<0.5					
MW-1	12/22/1998			<0.5						<0.5					
MW-1	9/23/1998	<0.050	<0.05	<0.5						<0.5					
MW-1	6/24/1998	<0.050	<0.05	<0.5						<0.5					
MW-1	3/17/1998		<0.05	<0.5						<0.5					
MW-1	11/25/1997		<0.05	<0.5						<0.5					
MW-1	9/5/1997		<0.05	<0.5						<0.5					
MW-1	6/16/1997		<0.05	<0.5						<0.5					
MW-1	3/5/1997		<0.05	<0.5						<0.5					
MW-1	12/12/1996		<0.05	<0.5						<0.5					
MW-1	9/23/1996		<0.05	<0.5						<0.5					
MW-1	7/3/1996		<0.05	<0.5						<0.5					
MW-1	1/8/1996		<0.05	1.2	2.4		2.2			<1					
MW-1	12/20/1995	<0.050	0.05	2.4	8.4	1.9	7.3			<1					
MW-2	3/7/2023	<0.049	<0.05	0.77	<1.0	<1.0	<2.0	<1.0	3.0	<1.0	7.07	775	19.85	242	2.47
MW-2 (D)	3/7/2023		<0.05	0.71	<1.0	<1.0	<2.0	<1.0	2.6	<1.0					
MW-2	3/8/2022	<0.047	<0.05	2.4	<1.0	<1.0	<2.0	<1.0	3.9	<1.0	6.44	750	18.91	306	6.79
MW-2	3/23/2021	<0.051 HT	<0.05	1.1	<1.0	<1.0	<2.0	<1.0	3.4	<1.0	7.28	761	18.41	160	5.27
MW-2 (D)	3/23/2021		<0.05	1.1	<1.0	<1.0	<2.0	<1.0	3.3	<1.0					
MW-2	3/11/2020	0.73*	<0.05	4.3	<1.0	<1.0	<3.0	<1.0	3.7	<1.0	6.7	743	17.81	305	2.98
MW-2 (D)	3/11/2020		<0.05	4.2	<1.0	<1.0	<3.0	<1.0	3.7	<1.0					
MW-2	3/13/2019	<0.5	<0.1	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	5.92	735	18.02	321	1.65
MW-2 (D)	3/13/2019		<0.1	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0					
MW-2	3/6/2018	<0.47	<0.1	1.4	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.36	731	18.32	326	4.71
MW-2	4/11/2017	<0.5	<0.1	0.84	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	7.5	745	17.5	301	6.8
MW-2	3/30/2016	<0.5	<0.1	5.3	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	6.68	653	20.34	125	7.87
MW-2	3/30/2016	<0.5	<0.1	5.3	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	6.68	653	20.34	125	7.87
MW-2	9/1/2015		<0.1	3.3	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	6.30	607	17.79	409	3.84
MW-2	3/19/2015	<0.5	<0.1	2.5	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	6.13	770	19.10	136	9.09
MW-2	9/2/2014	<0.5	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	0.54	<1.0	7.05	6.77	17.23	312	2.44
MW-2	3/27/2014	<0.5	<0.1	4.1	<1.0	<1.0	1.1		0.86	<1.0	6.22	664	17.03	408	3.74
MW-2	9/26/2013	<0.5	<0.1	1.2	<1.0	<1.0	<1.0	<1.0	0.92	<1.0	6.20	748	16.09	397.3	1.85
MW-2	9/28/2012	<0.56	<0.1	1.2	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	6.97	617	16.73	540.1	7.16
MW-2 (D)	9/28/2012		<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0					
MW-2	3/23/2012	<0.5	<0.1	0.90	<1.0	<1.0	<1.0	<1.0	0.64	<1.0	11.72	741	16.65	176.2	4.25

Table 4
Groundwater Chemicals of Concern Analytical Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well Name	Sample Date	EPA 8015B (M)		EPA 8260B since Dec 2009; EPA 8021B prior				EPA 8260B since 2001, EPA 8021 B prior			Field Parameters				
		TPHd (mg/L)	TPHg (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	pH (units)	EC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
	MCLs (µg/L)	NA	NA	1	150	300	1,750	0.05	0.5	13					
MW-2	9/9/2011	<0.50	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.36	718	17.13	230.3	4.11
MW-2	6/21/2011	<0.5	<0.1	1.0	<1.0	<1.0	<1.0	<1.0	0.93	<1.0	6.25	3	16.93	205.6	10.74
MW-2	3/16/2011	<0.5	<0.1	0.63	<1.0	<1.0	<1.0	<1.0	0.54	<1.0	6.21	615	14.86	255.8	--
MW-2	12/6/2010	<0.5	<0.1	0.91	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.75	808	16.76	151.8	9.20
MW-2	9/20/2010	<0.5	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.11	719	16.97	93.3	4.26
MW-2	6/23/2010	<0.5	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.15	615	16.88	--	2.54
MW-2	3/3/2010	<0.5	<0.1	1.7	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.55	832	16.91	180.5	4.51
MW-2	12/7/2009	<0.5	<0.1	3.9	<1.0	<1.0	<1.0				6.45	699	16.30	255.1	6.10
MW-2	9/9/2009	<0.5	<0.1	1.6	<0.50	<1.0	<1.0	<1.0	<0.50	<1.0	6.30	640	17.37	36.9	7.41
MW-2	3/13/2009		<0.1	9.4	<0.50	0.6	1.3	<1.0	0.84	<1.0					
MW-2	9/10/2008		<0.1	2.1	<0.50	<0.50	<1.0	<1.0	<0.50	<1.0					
MW-2	3/26/2008		<0.1	1.7	<0.50	<0.50	<1.0	<1.0	<0.50	<1.0					
MW-2	9/6/2007		<0.1	8.7	<0.50	<0.5	<1.0	<1.0	<0.50	<1.0					
MW-2	3/8/2007		<0.05	5.0	<0.50	0.62	0.61	<0.50	0.54	<0.50					
MW-2	9/22/2006		<0.05	2.6	<0.50	<0.50	0.58	<0.50	0.5	<0.50					
MW-2	3/31/2006		<0.05	4.9	<0.50	<0.50	0.74	<5.0	<2.0	<5.0					
MW-2	9/16/2005		<0.05	8.6	<0.50	0.89	1.6	<0.50	0.74	<0.50					
MW-2	3/14/2005		<0.05	5.1	<0.50	0.69	1.3	<0.50	<0.50	<0.50					
MW-2	9/9/2004		<0.05	10	<0.50	<0.50	1.6	<0.50	0.69	<0.50					
MW-2	3/2/2004		<0.05	11	1.3	1.4	2.3	<0.50	<0.50	<0.50					
MW-2	10/23/2003		<0.05	7.6	<0.50	0.51	<0.50	<0.50	1.4	<0.50					
MW-2	4/1/2003		0.059	12	1.7	1.9	3.5	<0	0.93	<0					
MW-2	10/2/2002		0.17	45	3.1	5.9	8.5	<0.50	1.2	<0.50					
MW-2	5/14/2002		0.27	57	4.8	4.9	7.8	<0.5	1.6	<0.5					
MW-2	9/7/2001		0.23	31	3.1	4.5	15	<1.0	2	<10					
MW-2	3/23/2001		1.9	350	88	43	180	<1.0	3.5	<10					
MW-2	9/12/2000		0.058	21	<0.5	0.97	1.7			<1.0					
MW-2	3/29/2000		2.1	430	98	42	170	1.2	6.8	<1.0					
MW-2	9/28/1999		0.074	21	1.1	0.78	2.8			<0.5					
MW-2	3/30/1999		0.21	43	5.6	3.9	22			<13					
MW-2	12/22/1998		2.7	620	230	75	290			<100					
MW-2	9/23/1998	<0.05	0.72	190	24	19	57			<5					
MW-2	6/24/1998	<0.05	0.05	12	<0.5	0.93	2.2			<5					
MW-2	3/17/1998		0.069	20	0.76	1.5	3.6			<5					
MW-2	11/25/1997	<0.05	<0.05	3.5	<0.5	<0.5	1.7			<5					
MW-2	9/5/1997	<0.05	<0.005	13	<0.5	0.65	1.3			<5					
MW-2	6/16/1997	<0.05	<0.05	14	<0.5	0.94	1.6			<5					
MW-2	3/5/1997	<0.05	<0.05	2.5	<0.5	<0.5	<0.5			<5					
MW-2	12/12/1996	<0.05	0.18	56	1.4	3.5	5.9			<13					
MW-2	9/23/1996	<0.05		5.7	<0.5	<0.5	1			<5					
MW-2	7/3/1996	<0.05	.29	99	<2.5	4.1	7.1			<25					
MW-2	1/8/1996	<0.05	0.14	25	11	1.6	20			<1					
MW-2	12/20/1995	<0.05	0.39	37	50	9.1	49			<3					
MW-3	3/7/2023	9.5	9.9	81	12	220	47	<2.0	<1.0	14	6.89	979	20.47	108	1.46

Table 4
Groundwater Chemicals of Concern Analytical Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well Name	Sample Date	EPA 8015B (M)		EPA 8260B since Dec 2009; EPA 8021B prior				EPA 8260B since 2001, EPA 8021 B prior			Field Parameters				
		TPHd (mg/L)	TPHg (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	pH (units)	EC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
	MCLs (µg/L)	NA	NA	1	150	300	1,750	0.05	0.5	13					
MW-3	3/8/2022	<0.048	36	76	12	260	51	<2.0	<1.0	15	6.49	1,027	20.55	142	2.43
MW-3	3/23/2021	3.1 HT	12	90	12	220	46	<2.0	<1.0	20	7.08	1,075	18.62	82	1.65
MW-3	3/11/2020	4.2*	10	75	11	250	45	<2.0	<1.0	<2.0	6.89	1,049	18.74	158	1.31
MW-3	3/13/2019	4.6*	10*	120	17	300	66	<2.0	<1.0	15	6.21	1,137	20.41	138	0.74
MW-3	3/6/2018	6.1*	15*	87	13	270	68		<1.0	<2.0	6.52	1,875	20.68	173	3.33
MW-3	4/11/2017	4.8*	2.7*	140	23	450	130		<2.5	13	6.7	760	19	50	1.6
MW-3	3/30/2016	4.8*	6.8*	220	37	550	190		<2.5	22	6.71	1,096	19.18	-44	2.38
MW-3	3/30/2016	4.8*	6.8*	220	37	550	190		<2.5	22	6.71	1,096	19.18	-44	2.38
MW-3	9/1/2015	8.9*	17*	200	38	640	240		<2.5	54	6.62	981	18.71	127	1.76
MW-3 (D)	9/1/2015		19*	210	42	680	260		<2.5	60					
MW-3	3/19/2015	17*	29	230	51	700	330		<2.5	30	6.52	1,090	20.10	-78	8.49
MW-3	9/2/2014	12*	23	330	70	920	420		<2.5	68	7.46	999	18.42	67	1.77
MW-3	3/27/2014	9.3*	17*	270	49	810	310		<2.5	52	6.52	975	17.95	121.0	1.29
MW-3	9/26/2013	13*	16	230	41	830	320		<2.5	76	6.70	1,214	17.94	-33.2	0.52
MW-3	9/28/2012	9.2*	18*	210	38	740	280	<5.0	<2.5	59	7.14	1,081	17.67	32.5	3.66
MW-3	3/22/2012	9.1*	15*	210	37	760	308	<5.0	<2.5	<5.0	11.65	1,262	17.44	-20.6	0.66
MW-3	9/9/2011	12*	22	240	44	1,000	420	<10	<5.0	61	6.50	1,262	17.76	-18.2	0.34
MW-3 (D)	9/9/2011		21	250	47	990	420	<10	<5.0	65					
MW-3	6/21/2011	47*	20*	230	40	890	379	<10	<5.0	36	6.67	1,090	17.33	-95.3	0.72
MW-3 (D)	6/21/2011		18*	220	38	840	347	<10	<5.0	35					
MW-3	3/16/2011	11*	15	320	52	1,100	380	<10	<5.0	<10	6.28	1,085	15.70	106.6	8.45
MW-3 (D)	3/16/2011		15	240	41	830	300	<10	<5.0	<10					
MW-3	12/6/2010	15*	30	440	75	1,500	684	<10	<5.0	100	6.58	1,427	17.95	-78.3	5.89
MW-3 (D)	12/6/2010		20	420	71	1,400	612	<10	<5.0	100					
MW-3	9/20/2010	14*	21	320	51	890	466	<10	<5.0	74	6.24	1,273	17.95	-76.1	0.32
MW-3	6/23/2010	15*	18*	230	44	1,100		<10	<5.0	35	6.48	988	17.68	--	0.27
MW-3 (D)	6/23/2010		23*	210	39	940		<10	<5.0	35					
MW-3	3/3/2010	11*	29	330	65	1,200	556	<10	<5.0	<10	6.75	1,381	18.05	-119.9	1.42
MW-3 (D)	3/3/2010		24	270	56	910	422								
MW-3	12/8/2009	23	22	350	58	1,400	642				6.66	1,243	18.13	-105.7	1.72
MW-3 (D)	12/8/2009		24	350	62	1,400	689								
MW-3	9/9/2009	3.4	20	500	75	1,400	760	<5	<2.5	57	6.54	1,203	18.38	-46.9	5.54
MW-3	3/13/2009		15	410	71	1,100	550	<10	<5.0	37					
MW-3	9/10/2008		17	510	64	1,400	780	<10	<5.0	69					
MW-3	3/26/2008		4	510	38	1,300	700	<10	<5.0	<10					
MW-3	9/6/2007		26	370	76	1,200	690	<10	<5.0	59					
MW-3	3/8/2007		19	430	99	1,600	850	<20	<20	69					
MW-3	9/22/2006		19	470	110	1,600	890	<2.5	<2.5	90					
MW-3	3/31/2006		19	570	120	2,000	1,000	<5.0	<2.0	55					
MW-3	9/16/2005		30	940	190	2,200	1,300	<50	<50	150					
MW-3	3/14/2005		17	530	150	1,700	1,100	<50	<50	66					
MW-3	9/9/2004		25	960	210	2,200	1,500	<250	<250	<250					
MW-3	3/2/2004		20	780	340	2,000	1,400	<25	<25	77					
MW-3	10/23/2003		29	1,200	410	1,900	1,500	<5.0	<5.0	180					
MW-3	4/1/2003		29	1,500	380	2,700	1,800	<50	<50	120					

Table 4
Groundwater Chemicals of Concern Analytical Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well Name	Sample Date	EPA 8015B (M)		EPA 8260B since Dec 2009; EPA 8021B prior				EPA 8260B since 2001, EPA 8021 B prior			Field Parameters				
		TPHd (mg/L)	TPHg (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	pH (units)	EC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
	MCLs (µg/L)	NA	NA	1	150	300	1,750	0.05	0.5	13					
MW-3	10/2/2002		25	1,600	480	2,400	2,200	<5.0	9.7	180					
MW-3	5/14/2002		44	1,600	510	2,800	2,600	<5.0	9.7	190					
MW-3	9/5/2001		54	2,600	800	3,100	3,100	<10	30	<700					
MW-3	3/22/2001		39	1,700	730	2,300	2,600	<5.0	13	140					
MW-3	9/12/2000		47	3,200	1,100	3,300	4,600			<320					
MW-3	3/28/2000		46	2,400	1,200	2,900	3,700	<2.5	19	130					
MW-3	9/28/1999		80	3,100	1,100	2,900	3,100			1,400					
MW-3	3/30/1999		51	2,800	1,900	2,700	4,200			280					
MW-3	12/22/1998		100	3,700	1,600	3,400	4,300			780					
MW-3	9/23/1998	7.9*	55	4,300	1,900	2,800	4,300			1,100					
MW-3	6/24/1998	<0.5	54	3,500	2,100	2,700	5,000			610					
MW-3	3/17/1998		75	5,000	3,500	3,500	6,800			390					
MW-3	11/25/1997	<0.4	71	4,600	2,100	2,900	5,100			<2,500					
MW-3	10/30/1997									840					
MW-3	9/5/1997	<0.4	91	6,100	3,100	3,800	7,600			<1,300					
MW-3	6/16/1997	<10	91	6,400	4,500	3,800	8,400			<2,500					
MW-3	3/5/1997	<0.8	74	7,700	6,100	3,200	9,500			<2,500					
MW-3	12/12/1996	<2.5	87	13,000	11,000	3,400	12,000			<2,500					
MW-3	9/23/1996	3.3	170	14,400	13,000	5,100	20,000			<5,000					
MW-3	7/3/1996	<0.5	190	14,000	16,000	4,600	19,000			<5,000					
MW-3	1/8/1996	6.3	150	20,000	23,000	3,400	16,000			3,000					
MW-3	12/20/1995	<0.5	300	19,000	24,000	5,400	25,000			2,400					
MW-4	3/23/2012	<0.5*	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	11.10	1,026	17.05	200.0	0.92
MW-4	9/9/2011	<0.54	<0.1	<0.50	<1.0	1.7	1.1	<1.0	<0.50	<1.0	6.09	1,238	18.06	167.2	1.78
MW-4	6/21/2011	<0.56	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.15	950	17.48	34.7	4.14
MW-4	4/6/2011	<0.5													
MW-4	3/16/2011	15	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	5.98	743	15.67	241.5	14.75
MW-4	12/6/2010	<0.5	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.19	1,282	18.28	156.2	5.50
MW-4	9/20/2010	<0.5	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.05	1,132	18.06	81.0	1.23
MW-4	6/23/2010	<0.5	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	5.95	672	17.61	--	8.0
MW-4	3/3/2010	<0.5	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	6.25	746	17.95	211.9	1.67
MW-4	12/7/2009	<0.5	<0.1	<0.50	<1.0	<1.0	<1.0	<1.0			6.24	1,036	17.89	236.1	4.46
MW-4	9/9/2009	<0.5	<0.1	0.64	<0.50	<0.50	1.7	<1.0	<0.50	<1.0	6.15	911	18.04	107.8	3.04
MW-4	3/26/2008		<0.1	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<1.0					
MW-4	3/8/2007		<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50					
MW-4	3/31/2006		<0.05	<0.50	<0.50	<0.50	<0.50	<5.0	<2.0	<2.0					
MW-4	3/14/2005		<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50					
MW-4	3/2/2004		<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-4	4/1/2003		<0.050	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1					
MW-4	5/14/2002		<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-4	3/22/2001		<0.050	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<10					
MW-4	3/28/2000		0.080	<0.5	0.68	<0.5	0.93	<0.5	<0.5	<1.0					
MW-4	3/30/1999		<0.050	<0.5	<0.5	<0.5	<0.5			<5					
MW-4	12/22/1998		<0.050	<0.5	<0.5	<0.5	<0.5			<5					

Table 4
Groundwater Chemicals of Concern Analytical Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well Name	Sample Date	EPA 8015B (M)		EPA 8260B since Dec 2009; EPA 8021B prior				EPA 8260B since 2001, EPA 8021 B prior			Field Parameters				
		TPHd (mg/L)	TPHg (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	pH (units)	EC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
	MCLs (µg/L)	NA	NA	1	150	300	1,750	0.05	0.5	13					
MW-4	9/23/1998	<0.050	<0.050	<0.5	<0.5	<0.5	<0.5			<5					
MW-4	6/24/1998	<0.050	<0.050	<0.5	<0.5	<0.5	<0.5			<5					
MW-4	3/17/1998		<0.050	<0.5	<0.5	<0.5	0.55			<5					
MW-4	11/25/1997	<0.050	<0.050	<0.5	<0.5	<0.5	<0.5			<5					
MW-4	9/5/1997	<0.050	<0.050	<0.5	<0.5	<0.5	<0.5			<5					
MW-5	3/26/2008		<0.1	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<1.0					
MW-5	3/8/2007		0.052	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50					
MW-5	3/31/2006		0.057	<0.50	<0.50	<0.50	<0.50	<5.0	<2.0	<5.0					
MW-5	3/14/2005		<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50					
MW-5	3/2/2004		0.081	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-5	4/1/2003		0.15	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-5	5/14/2002		0.31	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-5	3/22/2001		0.17	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-5	3/28/2000		0.077	<0.5	0.88	<0.5	<0.5	<0.5	<0.5	<0.5					
MW-5	3/30/1999		0.12	<0.5	<0.5	<0.5	<0.5			<0.5					
MW-5	12/22/1998		0.14	<0.5	1.2	<0.5	<0.5			<0.5					
MW-5	9/23/1998	<0.050	0.062	<0.5	<0.5	<0.5	<0.5			<0.5					
MW-5	6/24/1998	<0.050	0.051	<0.5	<0.5	<0.5	<0.5			<0.5					
MW-5	3/17/1998		0.097	<0.5	<0.5	<0.5	<0.5			<0.5					
MW-5	11/25/1997	0.14	0.53	<0.5	5.2	1.5	<0.5			<0.5					
MW-5	9/5/1997	<0.050	0.9	<0.5	2.7	1.2	<0.5			<0.5					
MW-6	10/30/2008		<0.1	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<1.0					
MW-6	12/22/1998	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5			<1					
MW-6	9/23/1998	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5			<1					
MW-6	6/24/1998	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5			<1					
MW-6	3/17/1998		<0.05	<0.5	<0.5	<0.5	<0.5			<1					
MW-6	11/25/1997	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5			<1					
MW-6	9/5/1997	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5			<1					
MW-7	3/7/2023	2	7.3	1,300	320	300	350	<10	<5.0	35	6.9	550	21.88	153	3.19
MW-7	3/8/2022	6.1	4.6	700	48	120	120	<10	<5.0	36	6.11	626	20.52	186	2.87
MW-7 (D)	3/8/2022		4.5	660	47	110	110	<10	40	34					
MW-7	3/23/2021	1.1 HT	4.4	480	36	120	61	<10	<5.0	45	6.94	639	19.83	108	1.89
MW-7	3/11/2020	2.9*	9.2	1,200	270	170	720	<10	<5.0	47	6.58	640	18.54	181	1.47
MW-7	3/13/2019	6.8*	4.9*	1,100	200	150	280	<10	<5.0	39	5.94	599	19.65	153	1.35
MW-7	3/6/2018	7.5*	11	920	280	140	910		<10	32	6.11	626	19.99	205	3.33
MW-7 (D)	3/6/2018		12	990	320	160	1,000		<2.5	35					
MW-7	4/11/2017	13*	8.2	2,900	700	340	1,900		190	24	6.8	510	18.4	92	5.2
MW-7 (D)	4/11/2017		7	3,000	730	350	2,000		200	26					
MW-7	3/30/2016	5.5*	6.2*	650	190	45	690		170	33	6.6	516	20.09	34	2.99
MW-7	3/30/2016	5.5*	6.2*	650	190	45	690		170	33	6.60	516	20.09	34	2.99
MW-7 (D)	3/30/2016			5,100	2,500	600	6,000		310	36					
MW-7	9/1/2015	5.5*	5.7	380	110	25	290		<1.0	48	6.18	499	19.01	105	1.76
MW-7	3/19/2015	16*	16	1,200	520	110	1,700		210	44	6.03	608	19.70	23	7.62
MW-7	9/16/2014	4*													

Table 4
Groundwater Chemicals of Concern Analytical Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Well Name	Sample Date	EPA 8015B (M)		EPA 8260B since Dec 2009; EPA 8021B prior				EPA 8260B since 2001, EPA 8021 B prior			Field Parameters				
		TPHd (mg/L)	TPHg (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	pH (units)	EC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
	MCLs (µg/L)	NA	NA	1	150	300	1,750	0.05	0.5	13					
MW-7	9/2/2014		7.9	320	100	55	330		180	49	6.94	546	19.03	47	1.63
MW-7	3/27/2014	6.3*	7.2*	770	290	85	640		200	44	6.15	543	18.25	107	2.24
MW-7	9/26/2013	6.2*	5.6	400	95	46	310		180	51	6.36	622	19.31	23.6	1.45
MW-7	9/28/2012	4.1*	5.9	290	54	61	290	<5.0	230	44	6.62	537	18.95	75.3	4.53
MW-7	3/23/2012	13*	13	1,800	1,100	290	1,710	<5.0	220	42	11.86	630	17.38	-8.0	0.66
MW-7 (D)	3/23/2012			1,800	1,200	270	1,820	<10	280	43					
MW-7	9/9/2011	10*	9.4	730	490	140	1,100	<5.0	230	46	6.17	584	18.76	-12.0	0.35
MW-7	6/21/2011	5.5*	5.3	630	230	110	500	<5.0	200	28	6.35	530	17.96	-53.5	1.38
MW-7	3/16/2011	8.4*	6.5	750	360	120	550	<5.0	160	28	6.00	589	15.90	-32.8	5.80
MW-7	12/6/2010	5.0*	5.4	780	510	120	520	<5.0	220	45	6.48	683	18.68	-104.7	5.69
MW-7	9/20/2010	3.1*	3.9	510	260	67	208	<5.0	150	28	6.10	586	18.68	15.1	1.01
MW-7	6/23/2010	6.4*	4.6*	930	300	92		<5.0	210	30	6.25	544	18.09	--	0.57
MW-7	3/3/2010	5.6*	4.5	670	250	64	274	<5.0	130	24	6.62	705	17.91	117.9	4.51
MW-7	12/7/2009	3.6*	4.1	790	170	43	126				6.69	851	18.83	-65.7	3.11
MW-7	9/9/2009	5.3	8.9	1,900	440	150	630	7.9	110	29	6.52	952	19.42	-185.9	2.92

Notes:

HT = The sample was received and analyzed past holding time.
 MCL = California State Water Resources Control Board Maximum Contaminant Level for Drinking Water, 23 September 2015
 ND = value not detected at or above the reporting limit
 -- = not analyzed
 mg/L = milligrams per liter
 µg/L = micrograms per liter
 (D) = Duplicate sample

TPHd = total petroleum hydrocarbons as diesel
 TPHg = total petroleum hydrocarbons as gasoline
 1,2-DCA = 1,2-dichloroethane
 EDB = ethylene dibromide
 MTBE = methyl tert-butyl ether
 * = sample chromatogram did not match that of the specified standard

EC units from June 2011 to September 2012 were corrected.

EC = electrical conductivity
 Temp = temperature
 ORP = oxidation reduction potential
 µS/cm = microsiemens per centimeter
 °C = degrees Celsius
 mV = millivolts

Table 5
Historical Soil Chemicals of Concern Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Bore Location	Bore Depth	Sample Date	EPA 8015B (M)	EPA 8260B since Dec 2009; EPA 8021B prior					EPA 8260B since 2001, EPA 8021 B prior
			TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE
B-7	2-2.5	4/2/2014	<1.0	<0.19	<0.0038	<0.0038	<0.0038	<0.0077	<0.0038
B-7	4.5-5	4/2/2014	2.7	<0.2	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039
B-7	8-8.5	4/2/2014	4.1	1.5	0.12	0.022	0.028	0.05	0.0058
B-8	2-2.5	4/2/2014	4.4	1.4	<0.004	<0.004	<0.004	<0.0079	<0.004
B-8	4.5-5	4/2/2014	7.8	39	<0.37	<0.37	0.78	1.1	<0.37
B-8	8-8.5	4/2/2014	490	880	<0.34	<0.34	13	55	<0.34
B-9	2-2.5	4/2/2014	14	48	0.28	<0.0046	1.5	5.3	<0.0046
B-9	4.5-5	4/2/2014	2.4	<17	0.22	<0.0037	<0.35	<0.69	<0.0037
B-9	8-8.5	4/2/2014	1,200	470	1.4	<0.35	9	1.6	<0.35
B-10	2-2.5	4/2/2014	21	<17	<0.34	<0.34	<0.34	<0.67	<0.34
B-10	4.5-5	4/2/2014	10	28	0.078	<0.0041	0.47	1.1	<0.0041
B-10	8-8.5	4/2/2014	5.7	76	0.1	<0.0037	1.1	2.6	<0.0037
B-11	2-2.5	4/2/2014	6.4	<0.22	<0.0044	<0.0044	<0.0044	<0.0088	<0.0044
B-11	4.5-5	4/2/2014	11	<0.22	<0.0045	<0.0045	<0.0045	<0.0089	<0.0045
B-11	8-8.5	4/2/2014	16	<0.22	<0.0045	<0.0045	<0.0045	<0.009	<0.0045
B-12	2-2.5	4/2/2014	16	1.4	<0.0038	<0.0038	<0.0038	<0.0093	<0.0038
B-12	4.5-5	4/2/2014	2.2	0.37	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039
B-12	8-8.5	4/2/2014	24	46	0.0058	<0.0036	0.031	0.0098	<0.0036
MW-7	13	6/19/2009	21	2,600	10	48	17	106	<0.81
MW-7	19	6/19/2009	<5	0.26	<0.00091	<0.00091	<0.00091	<0.0018	0.0041
MW-7	22	6/19/2009	<5	0.26	<0.00079	<0.00079	<0.00079	<0.00271	<0.0016
B-1	11	10/6/2008		<0.21	<0.00081	<0.00081	<0.00081	<0.0016	<0.0016
B-1	25	10/6/2008		<0.26	<0.001	<0.001	<0.001	<0.002	<0.002
B-2	22	10/6/2008		0.94	0.032	0.0055	0.14	0.43	0.0035
B-2	25	10/6/2008		<0.22	<0.00094	<0.00094	<0.00094	<0.0019	<0.0019
B-3	15	10/6/2008		1,400	3.2	15	7	39	<0.63
B-3	25	10/6/2008		<0.25	<0.0011	<0.0011	<0.0011	<0.0022	<0.0022
B-4	14	10/6/2008		2,500	<0.42	<0.42	<0.42	<0.84	<0.84
B-4	25	10/6/2008		<0.22	<0.00088	<0.00088	<0.00088	<0.0018	<0.0018
B-5	15	10/6/2008		920	3.1	0.94	4.5	21	<0.21
B-5	30	10/6/2008		<0.26	<0.00092	<0.00092	<0.00092	<0.0018	<0.0018

Table 5
Historical Soil Chemicals of Concern Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Bore Location	Bore Depth	Sample Date	EPA 8015B (M)	EPA 8260B since Dec 2009; EPA 8021B prior					EPA 8260B since 2001, EPA 8021 B prior
			TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE
B-6	15	10/6/2008		<0.23	<0.00086	<0.00086	<0.00086	<0.0017	<0.0017
B-6	25	10/6/2008		<0.27	<0.0011	<0.0011	<0.0011	<0.0022	<0.0022
MW-5	9.5	8/21/1997	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.5
MW-5	14.5	8/21/1997	<10	10	<0.05	0.08	<0.05	<0.05	<0.5
MW-5	19.5	8/21/1997	<10	<5	<0.05	0.06	<0.05	<0.05	<0.5
MW-1	4.5	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-1	9.5	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-1	14.5	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-1	19.5	12/8/1995	28	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-1	24.5	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-1	30.5	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-2	4.5	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-2	9.5	12/8/1995	<10	170	1.6	<0.50	3.1	11	<1
MW-2	14	12/8/1995	<10	99	0.93	1.3	1.2	6.2	<0.2
MW-2	19.5	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-2	24.5	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-2	29	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-3	24	12/8/1995	<10	<5	<0.05	<0.05	<0.05	<0.05	<0.1
MW-3	30.5	12/8/1995	<10	1,500	10	44	22	120	<5
TTB-5	5.5	11/7/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-5	10.5	11/7/1995	<10	30	0.21	<0.05	0.71	0.06	<0.10
TTB-5	16	11/7/1995	<10	78	4.8	4.6	1.3	6.0	<0.80
TTB-5	21	11/7/1995	<10	8.7	1.6	0.61	0.31	0.81	0.24
TTB-5	25.5	11/7/1995	<10	12	1.4	0.58	0.41	0.71	0.15
TTB-5	31	11/7/1995	50	630	5.5	32	14	75	<4.0
TTB-6	4.5	11/7/1995	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-6	9.5	11/7/1995	<10	360	0.65	<0.50	1.5	2.7	<1.0
TTB-6	14.5	11/7/1995	<10	12	0.48	<0.05	0.41	0.46	<0.10
TTB-6	19.5	11/7/1995	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-6	24.5	11/7/1995	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-6	29.5	11/7/1995	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-1	9.5	11/6/1995	<10	7.1	0.46	0.27	0.12	0.40	<0.10

Table 5
Historical Soil Chemicals of Concern Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Bore Location	Bore Depth	Sample Date	EPA 8015B (M)	EPA 8260B since Dec 2009; EPA 8021B prior					EPA 8260B since 2001, EPA 8021 B prior
			TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE
TTB-1	14.5	11/6/1995	<10	680	3.5	16	7.6	42	<4.5
TTB-1	19.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-1	24.5	11/6/1995	<10	<5.0	<0.05	0.05	<0.05	<0.05	<0.10
TTB-2	4.5	11/6/1995	<10	34.0	0.62	1.5	0.65	5.4	<0.2
TTB-2	10.5	11/6/1995	550	760	<2.5	14	10	51	<5.0
TTB-2	14.5	11/6/1995	<10	5.6	0.80	0.08	<0.05	0.17	<0.10
TTB-2	19.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-2	24	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-3	4	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-3	9	11/6/1995	<10	6.9	0.97	0.88	0.19	0.86	<0.10
TTB-3	14.5	11/6/1995	<10	150	1.0	1.2	1.3	7.9	0.55
TTB-3	19.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-3	24.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-3	29.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-4	4.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-4	9.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-4	14	11/6/1995	<10	<5.0	0.05	<0.05	<0.05	0.09	<0.10
TTB-4	19.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
TTB-4	24.5	11/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
F-3N	26	7/11/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
F-4N	10	7/11/1995	21.0	37.0	<0.05	<0.05	0.14	<0.05	<0.10
SW-1N	11	7/11/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
F-2N	26	7/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
SW-2NE	15	7/6/1995	<10	21.0	2.3	<0.10	0.65	0.13	<0.20
SW-2NW	15	7/6/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
F-1C	24	7/3/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
F-1N	24	7/3/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
F-2C	24	7/3/1995	11.0	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
SW-1NE	15	7/3/1995	21	370	11	25	8.9	42	5.6
SW-1NW	15	7/3/1995	10	170	0.39	<0.10	1.1	0.80	1.8

Table 5
Historical Soil Chemicals of Concern Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Bore Location	Bore Depth	Sample Date	EPA 8015B (M)	EPA 8260B since Dec 2009; EPA 8021B prior					EPA 8260B since 2001, EPA 8021 B prior
			TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE
SW-2E	16.5	7/3/1995	130	180	3.8	1.3	4.2	8.3	<0.20
SW-2W	15.5	7/3/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
F-1S	21	6/28/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
SW-1E	19	6/28/1995	130	57	0.07	<0.05	0.45	0.51	<0.10
SW-1SE	19	6/28/1995	13.0	60	0.08	0.13	0.58	1.1	<0.10
SW-1SW	12	6/28/1995	<10	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10
S-11	12	11/24/1993	<10	<10	0.13	0.10	<0.05	0.05	
S-12	12	11/24/1993	<10	520	2.3	17	7.9	42	
S-13	15	11/24/1993	<10	<10	0.07	<0.05	<0.05	<0.05	
S-14	15	11/24/1993	<10	260	<0.25	0.61	2.3	9.5	
S-1	11	11/3/1993	<10	<5.0	0.42	<0.05	<0.05	0.13	
S-2	16	11/3/1993	<10	170	1.2	3.2	2.9	15	
S-3	19	11/3/1993	<10	<5.0	<0.05	<0.05	<0.05	<0.05	
S-4	19	11/3/1993	<10	<5.0	<0.05	<0.05	<0.05	<0.05	
S-5	18	11/3/1993	<10	<5.0	<0.05	<0.05	<0.05	<0.05	
S-6	20	11/3/1993	<10	<5.0	0.11	<0.05	<0.05	<0.05	
S-7	15	11/3/1993	<10	340	2.3	10	4.7	30	
S-8	15	11/3/1993	<10	<5.0	0.25	0.01	<0.05	0.16	
S-9	10	11/3/1993	690	630	0.60	1.6	4.2	11	
S-10	11	11/3/1993	<10	140	0.63	<0.50	1.1	2.5	

Notes:

mg/kg = milligrams per kilogram

TPHd = total petroleum hydrocarbons as diesel

TPHg = total petroleum hydrocarbons as gasoline

MTBE = methyl tert-butyl ether

Blank cells represent compound not analyzed.

Table 6
Historical Grab-Groundwater Chemicals of Concern Results
 Roy Wilson Yard - Santa Cruz County Department of Public Works
 Watsonville, California

Sample ID	Sample Date	Screening Depth (ft bgs)	TPHg (mg/L)	TPHd ¹ (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	1,2-DCA (µg/L)	TBA (µg/L)	MTBE (µg/L)
	California MCL		NE	NE	1	150	300	1,750	5	NE	13
GW-1	12/23/1998	36 - 40	< 0.05	--	< 0.50	< 0.50	< 0.50	0.68	--	< 500	< 0.50
GW-2	12/23/1998	32 - 36	< 0.05	--	< 0.50	< 0.50	< 0.50	< 0.50	--	< 500	< 0.50
B-1	10/6/2008	20-30	< 0.1	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 1.0
B-2	10/6/2008	20-30	0.41	--	20	3.3	23	120	< 0.50	--	< 1.0
B-3	10/6/2008	20-30	81	--	2,700	4,000	610	2,900	< 10	--	< 20
B-5	10/6/2008	20-30	8.6	--	1,100	430	360	1,400	24	--	< 10
B-6	10/6/2008	20-30	< 0.1	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 1.0
DP-1	2/26/2013	17 - 22	< 0.05	0.092/0.24*	< 0.50	< 1.0	< 1.0	< 1.0	< 0.50	< 10	< 1.0
DP-2	2/26/2013	19 - 29	7.5	4.4/6*	210	55	690	200	< 0.50	< 10	< 1.0
DP-4	4/17/2014	3 - 8	< 0.05	< 0.062	< 0.50	< 1.0	< 1.0	< 1.0	< 0.50	< 10	< 1.0
DP-5	4/17/2014	20 - 25	< 0.05	0.052	< 0.50	< 1.0	< 1.0	< 1.0	< 0.50	< 10	< 1.0

Notes:

¹ The first value indicates the result with silica gel clean-up prior to analysis and the second number indicates the result without silica treatment

* = Sample chromatogram did not match that of the specified standard

< indicates that the analyte was not detected above the reporting limit

-- = the sample was not analyzed for this analyte

Highlight = concentration above screening level

TPHg = Total petroleum hydrocarbons as gasoline

TPHd = Total petroleum hydrocarbons as diesel

1,2-DCA = 1,2-Dichloroethane

MTBE = Methyl tert-butyl ether

TBA = Tert-Butyl Alcohol

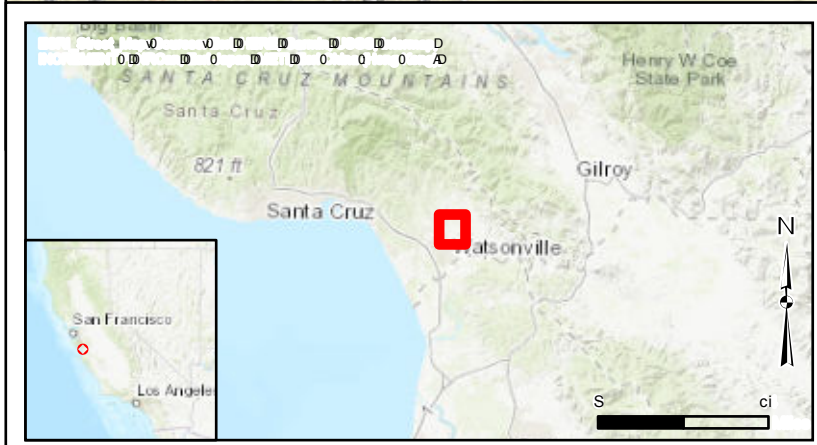
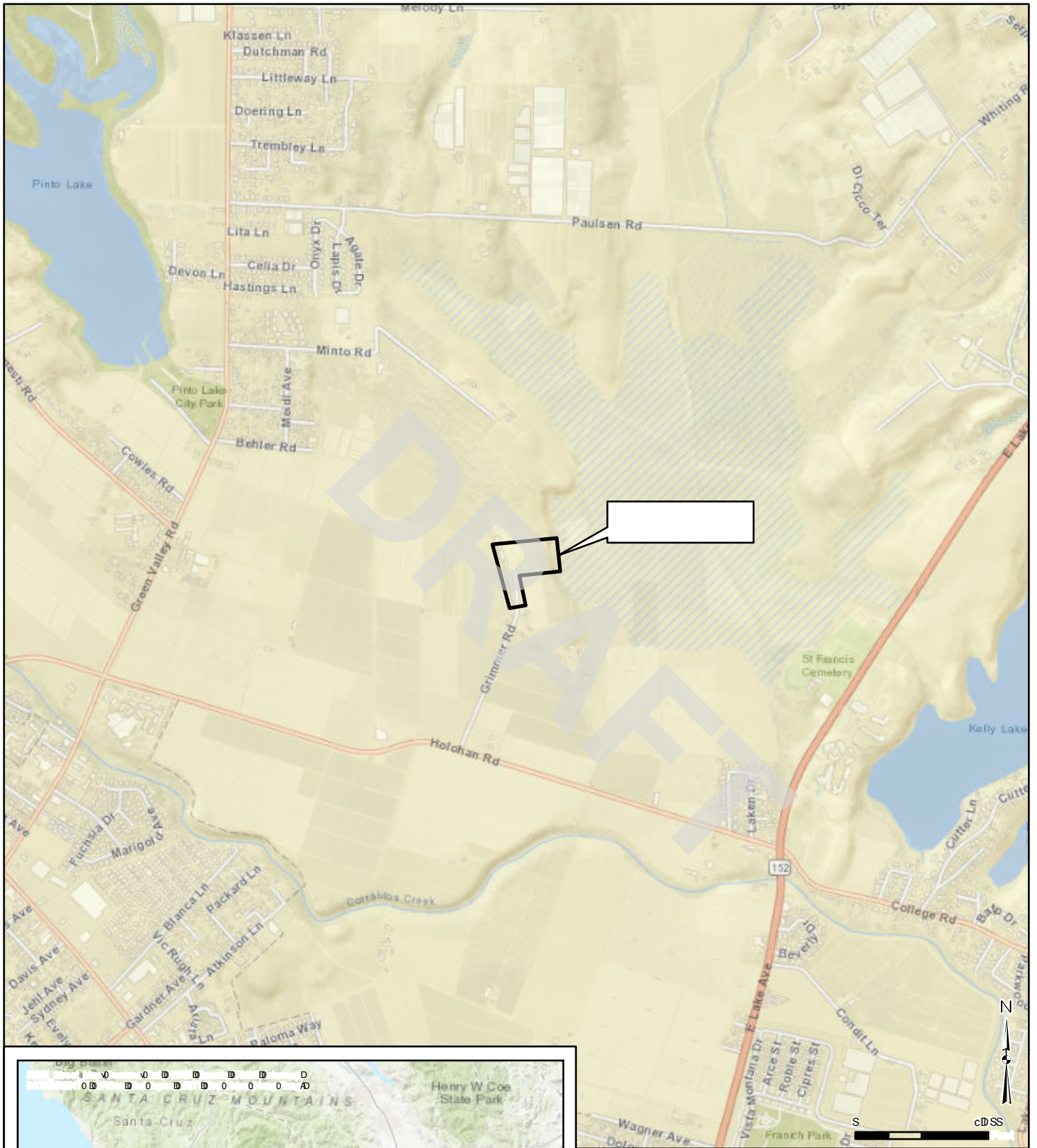
TPHg and TPHd analyzed by EPA Method 8015B

Benzene, Toluene, Ethylbenzene and total Xylenes analyzed by EPA Method 8020 for GW-1 and GW-2, by 8021B for B-1 to B-6 samples and by EPA Method 8260B for DP-1, DP-2, DP-4 and DP-5

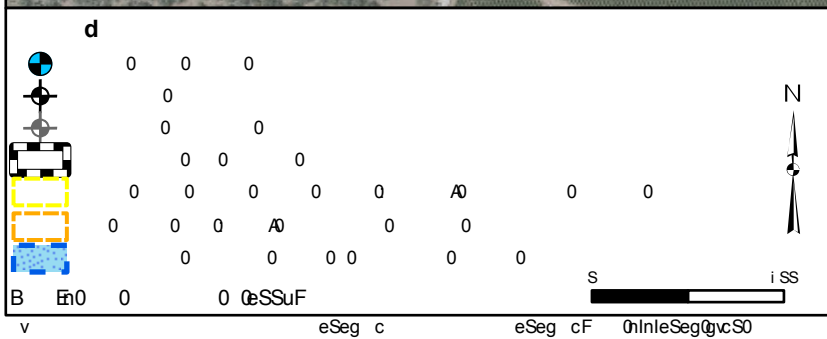
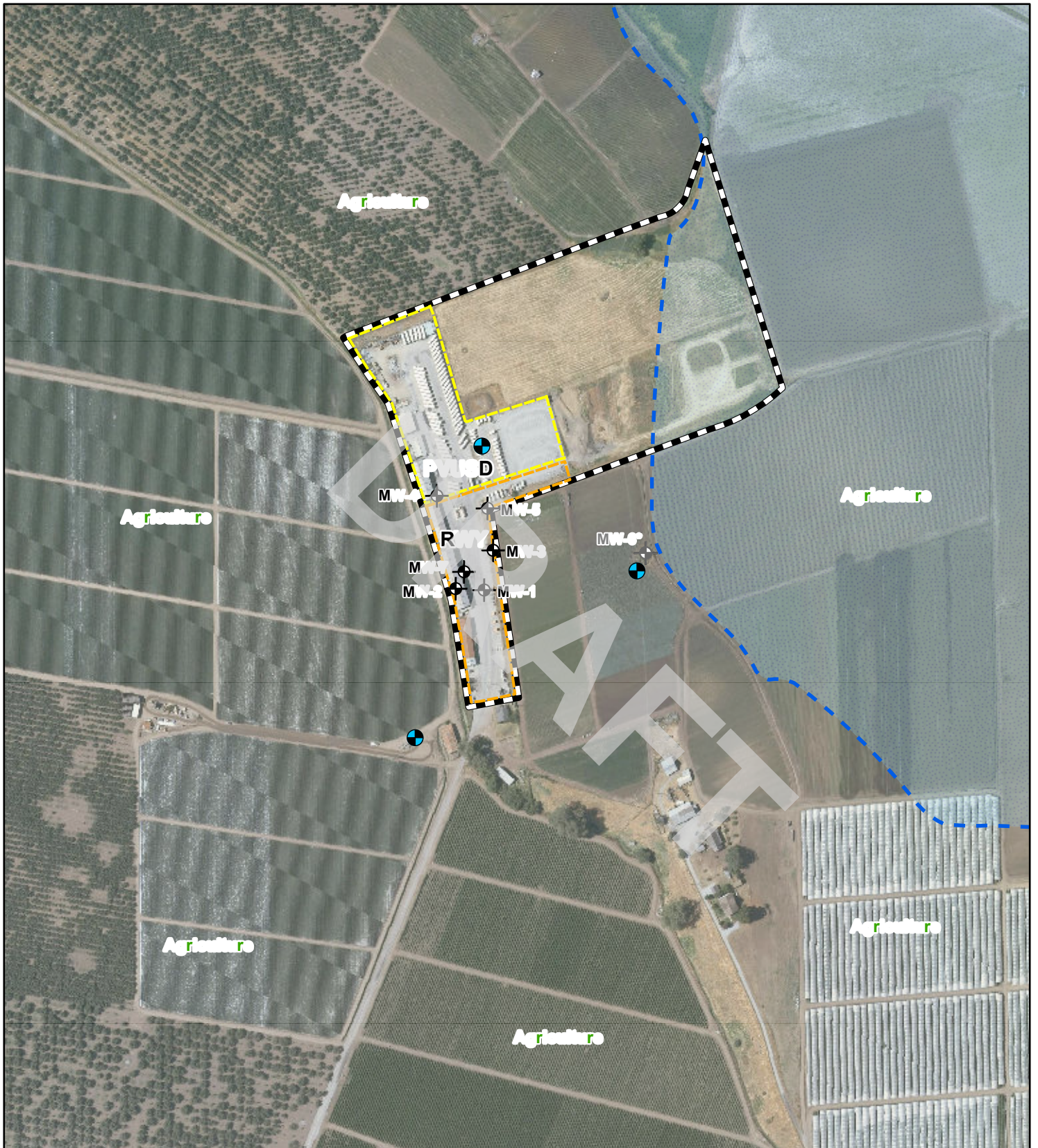
TBA, 1,2-DCA and MTBE analyzed by EPA method 8260B, MTBE analyzed by 8260 for GW-1 and GW-2

FIGURES

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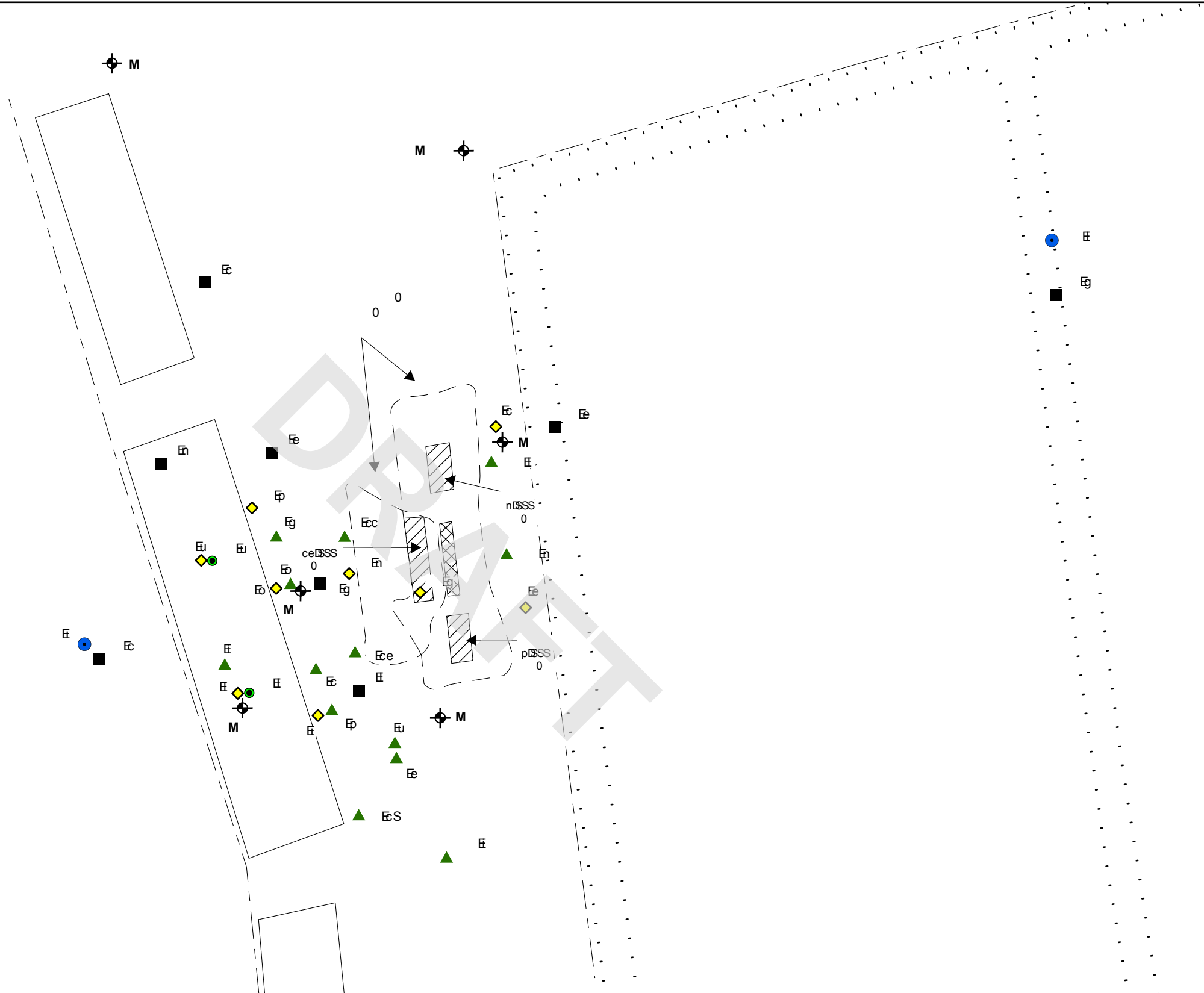


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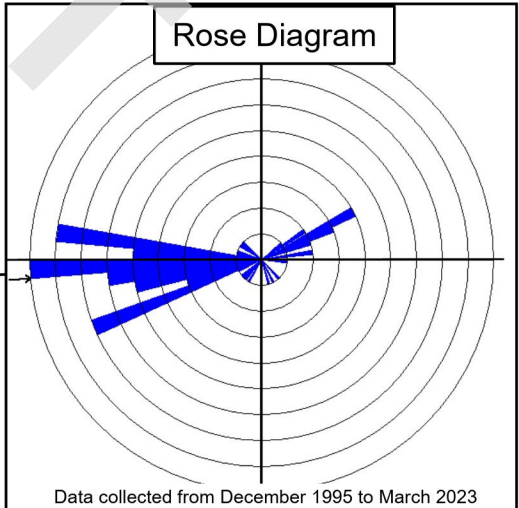
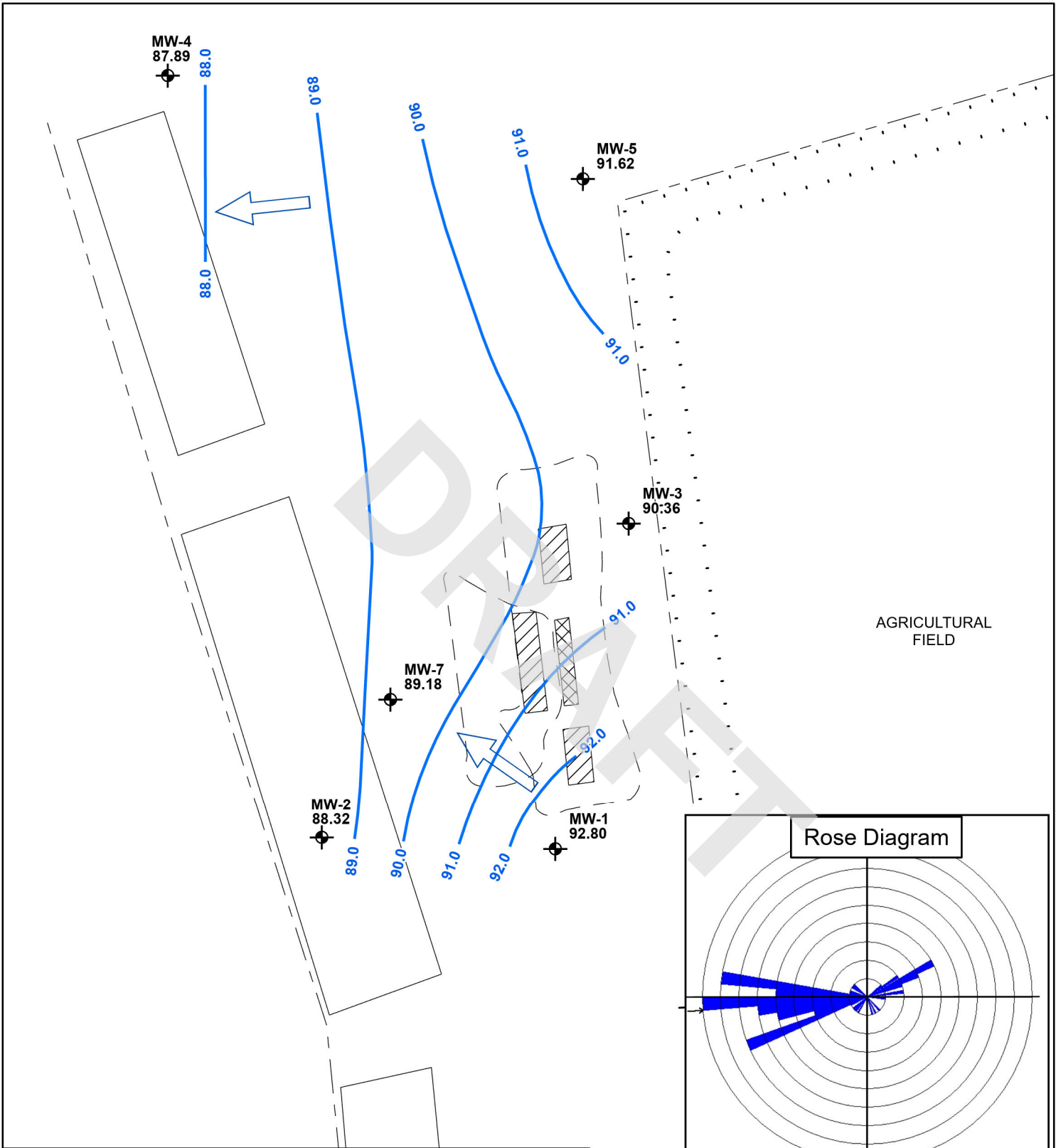


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Legend

MW-1 92.80	Monitoring Well Location Groundwater Elevation in Feet		Approximate Property Line
89.0	Estimated Groundwater Potentiometric Surface Contour Elevation in Feet (1.0 foot interval)		Excavation
	Inferred Groundwater Flow Direction		Former Underground Storage Tank
			Former Pump Island
			Road

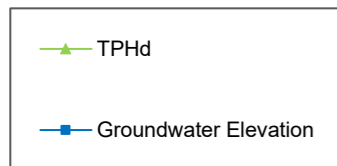
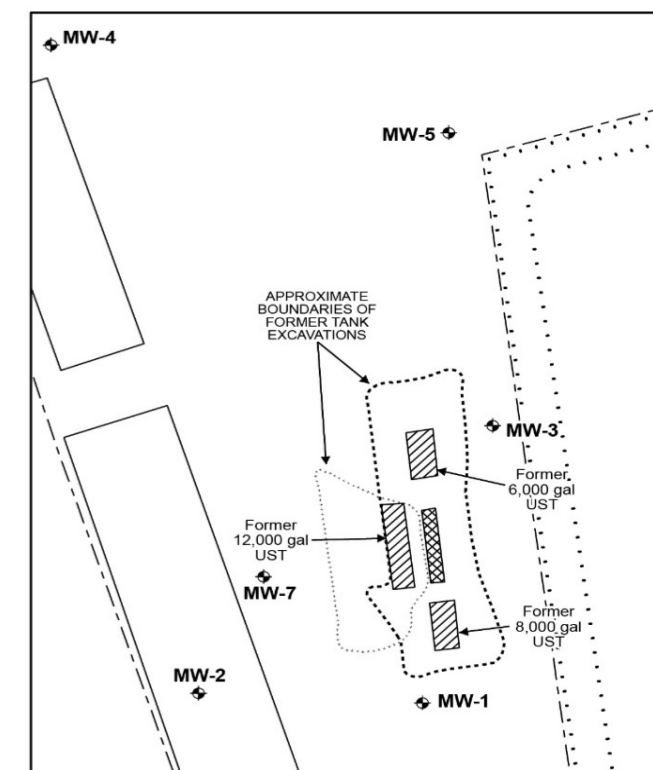
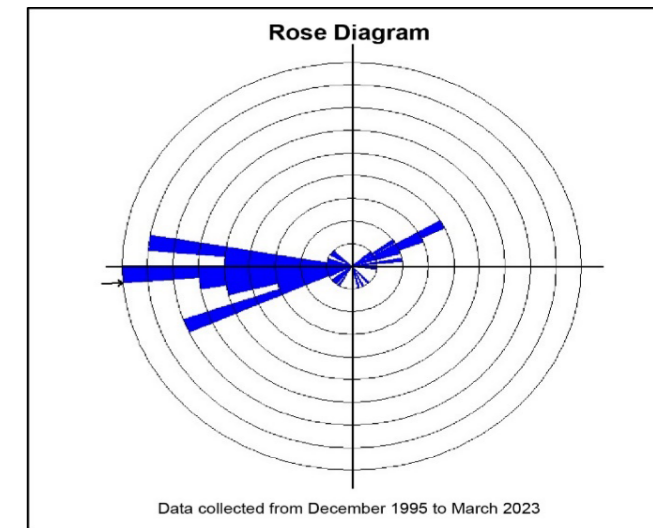
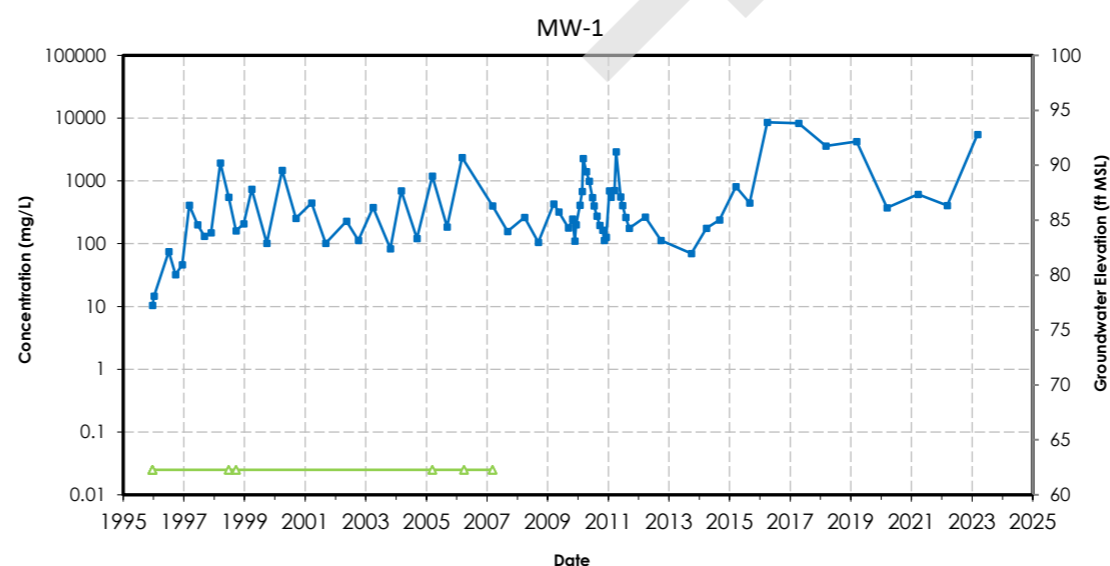
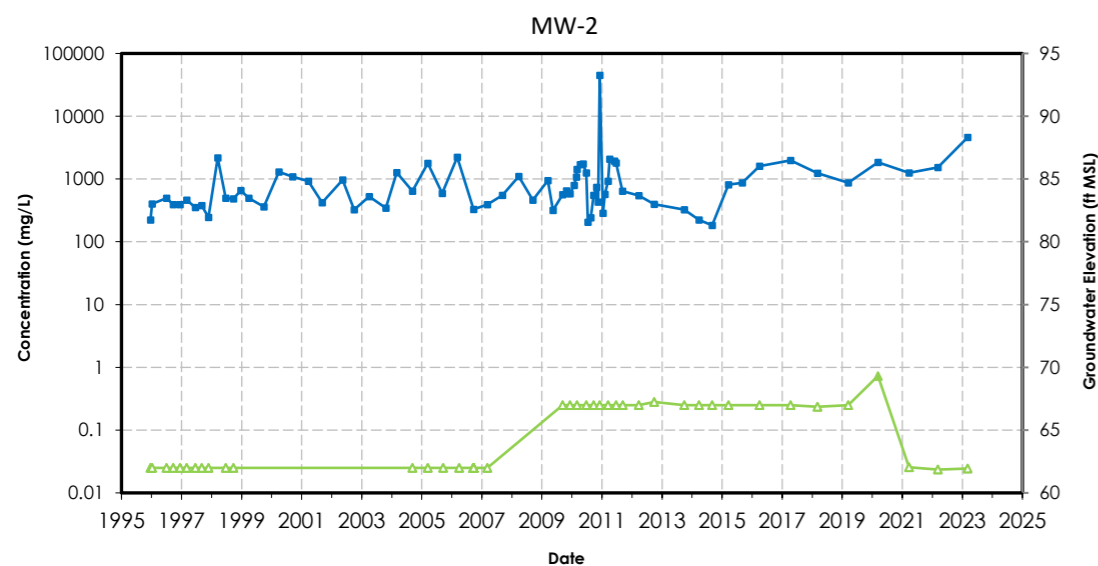
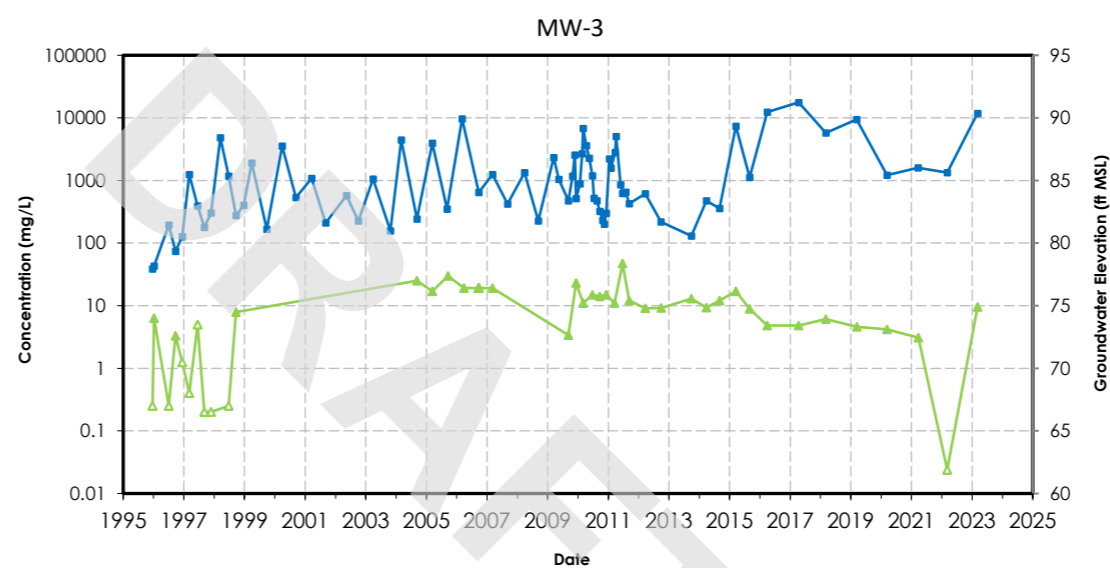
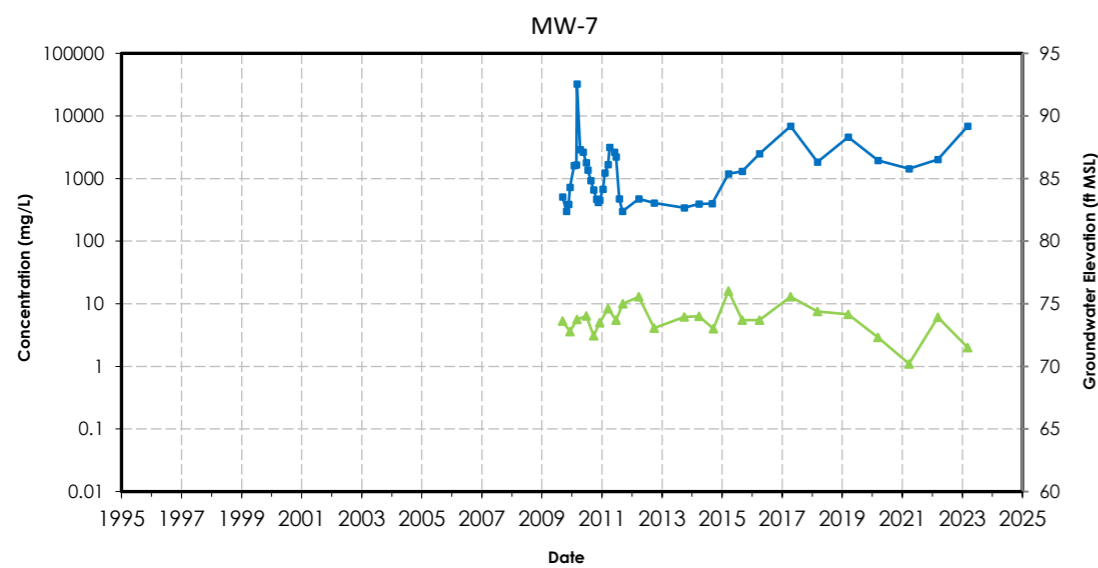
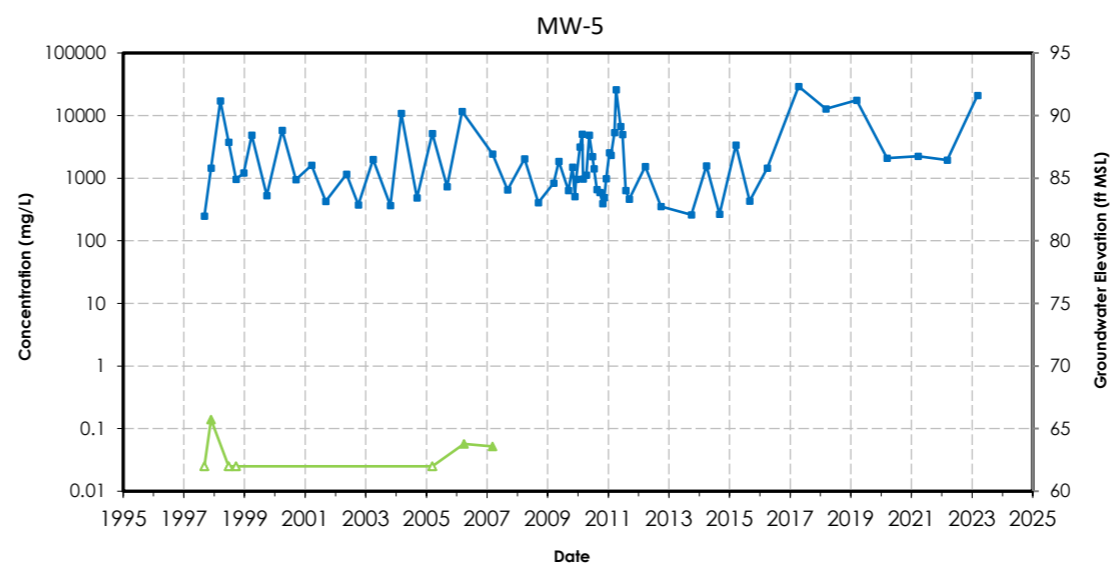
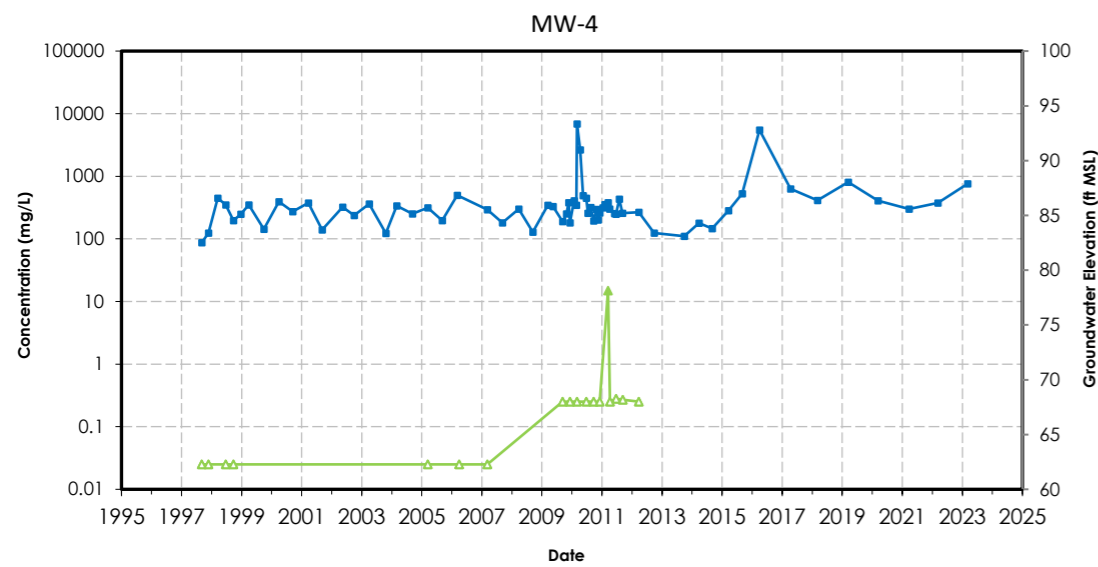
Note: In previous rose diagrams two flow directions for each monitoring event were shown. This has been corrected and a single average groundwater flow direction for each monitoring event is depicted on this rose diagram.

**Groundwater Elevation Contours
March 7, 2023**

Roy Wilson Yard
Santa Cruz County, California

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WG2561D	June 2023	Figure 4
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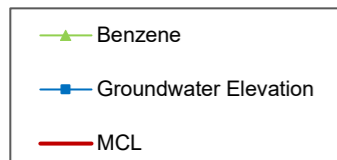
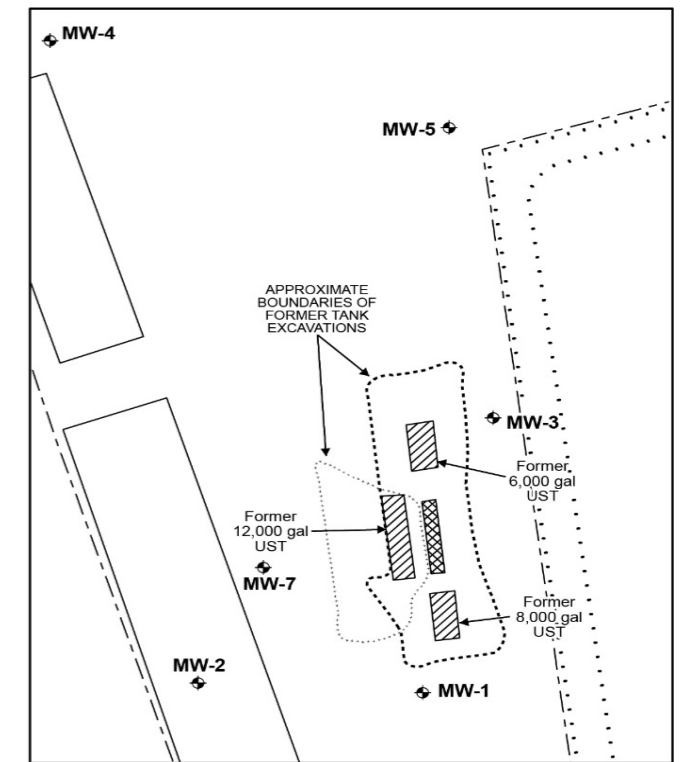
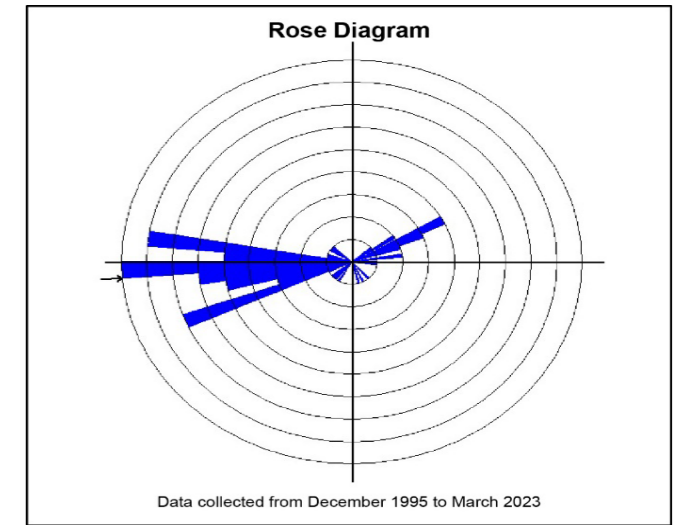
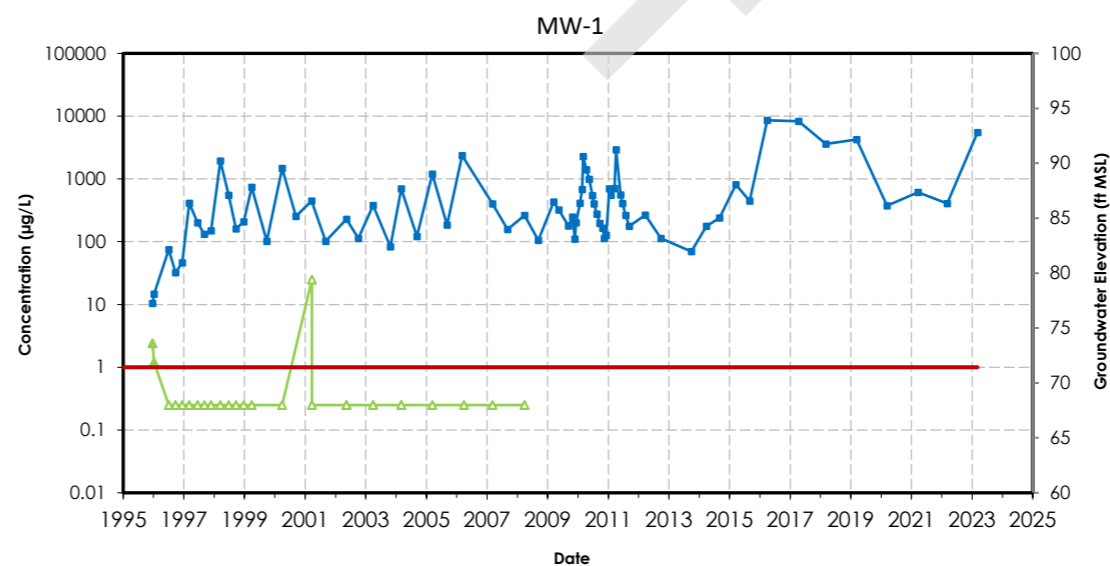
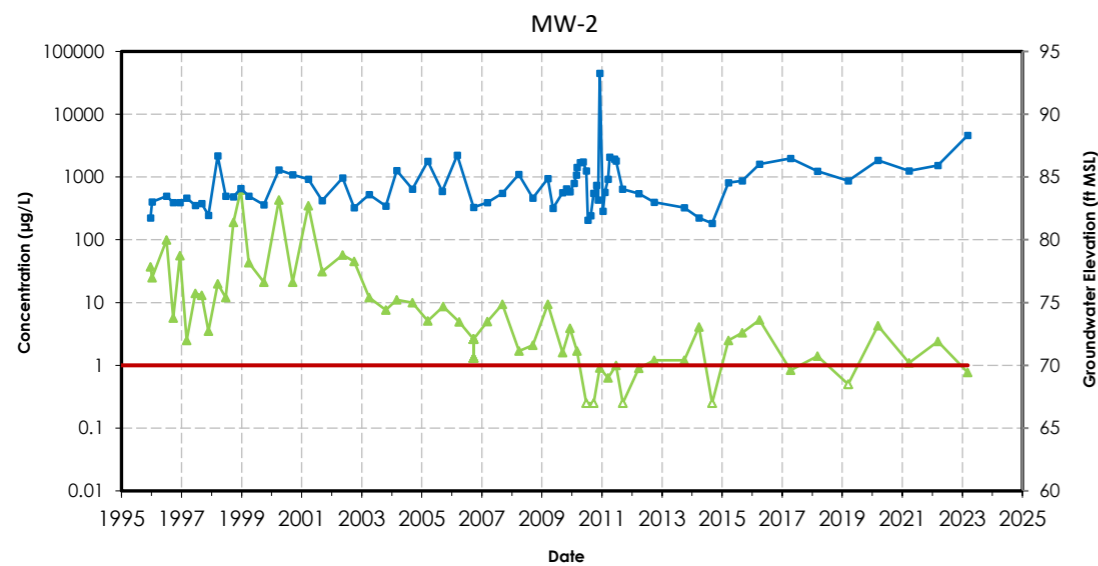
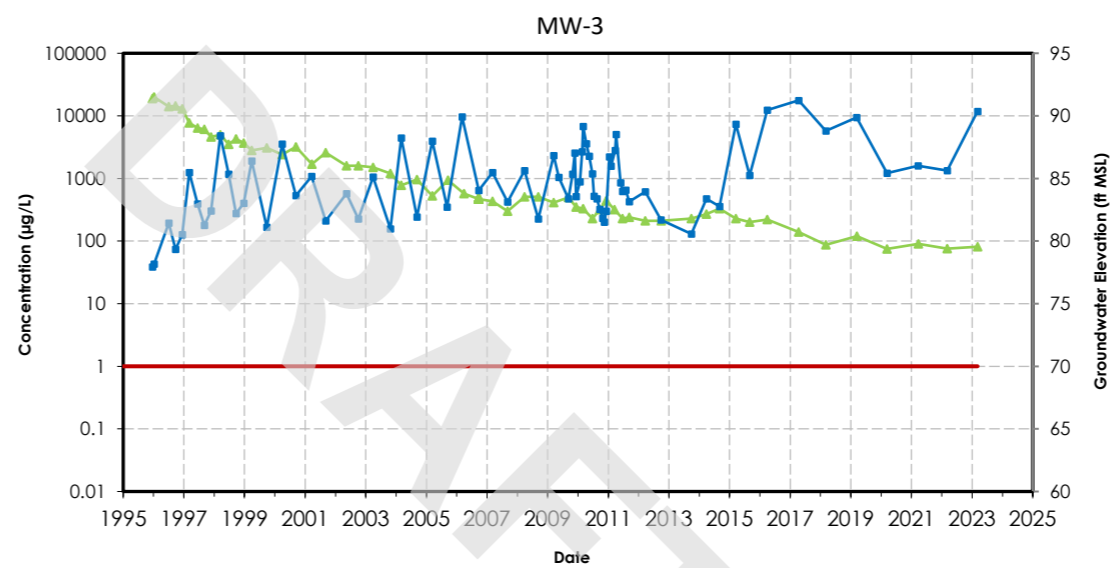
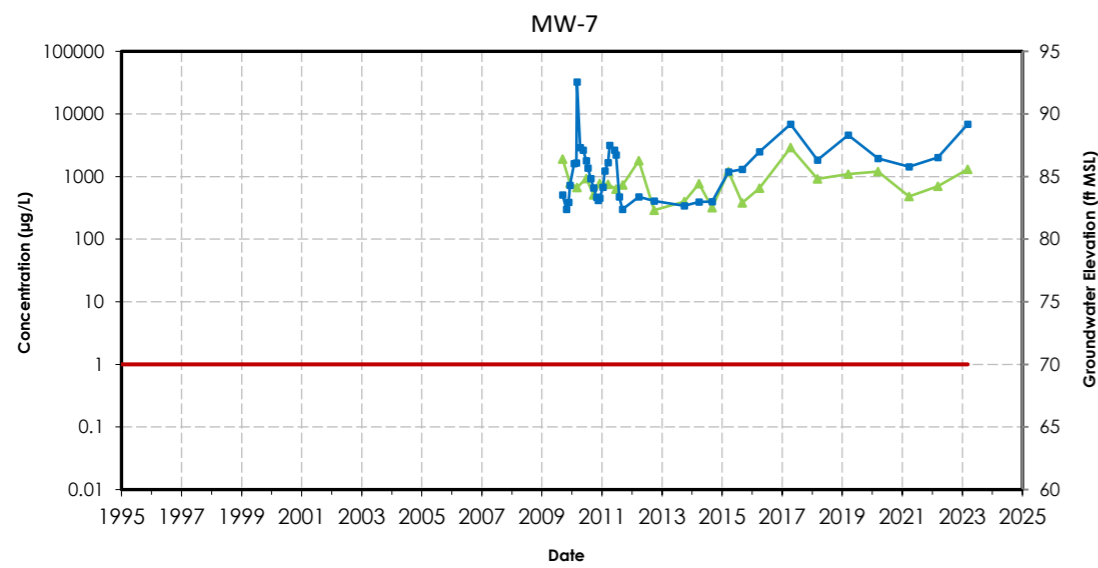
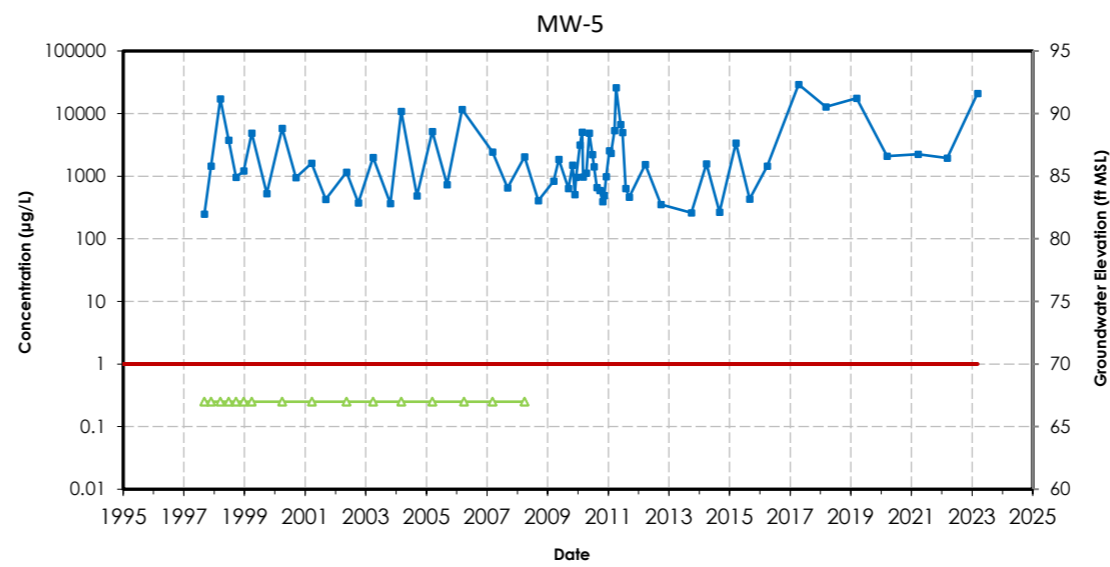
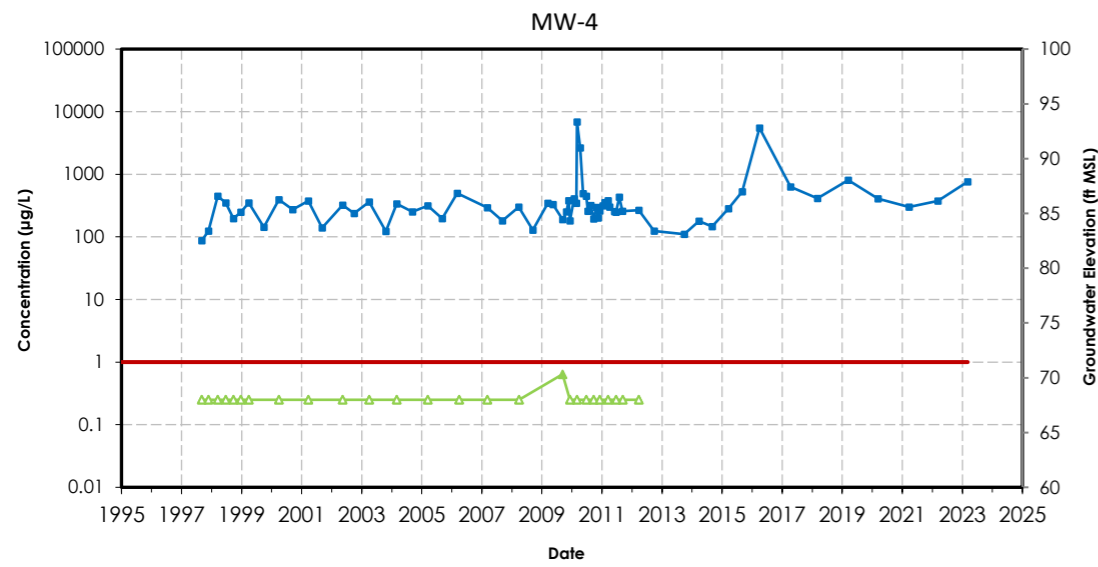
Note:
Open symbols are non-detects,
presented at one half the reporting limit.

Hydrographs and TPHd Time Series
1995 Through 2023
Roy Wilson Yard
Santa Cruz County, California

Geosyntec
consultants

Figure
6

WG2561D	June 2023
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Note:
Open symbols are non-detects,
presented at one half the reporting limit.

Hydrographs and Benzene Time Series
1995 Through 2023
Roy Wilson Yard
Santa Cruz County, California

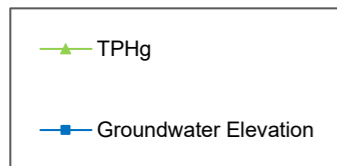
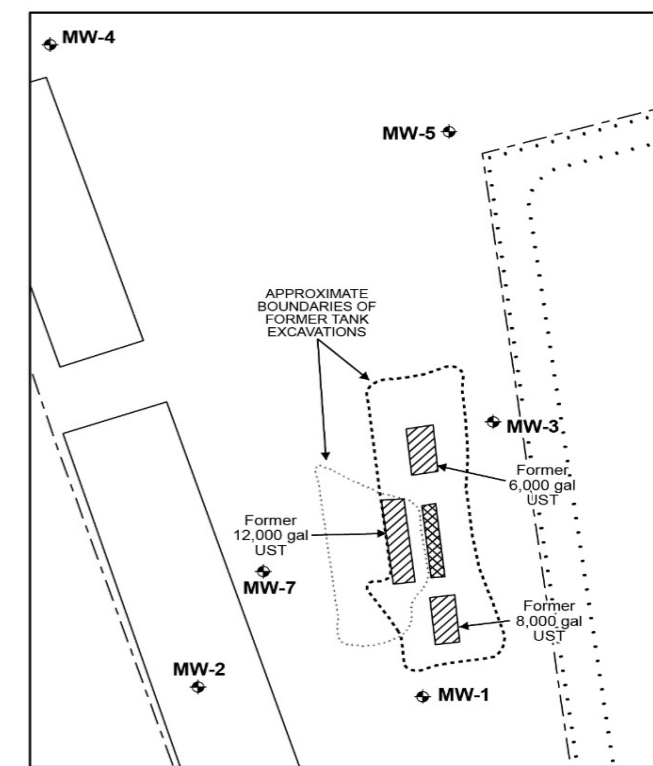
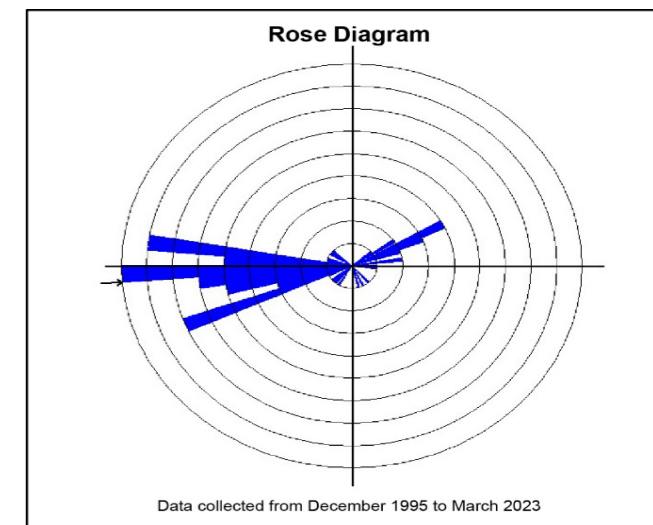
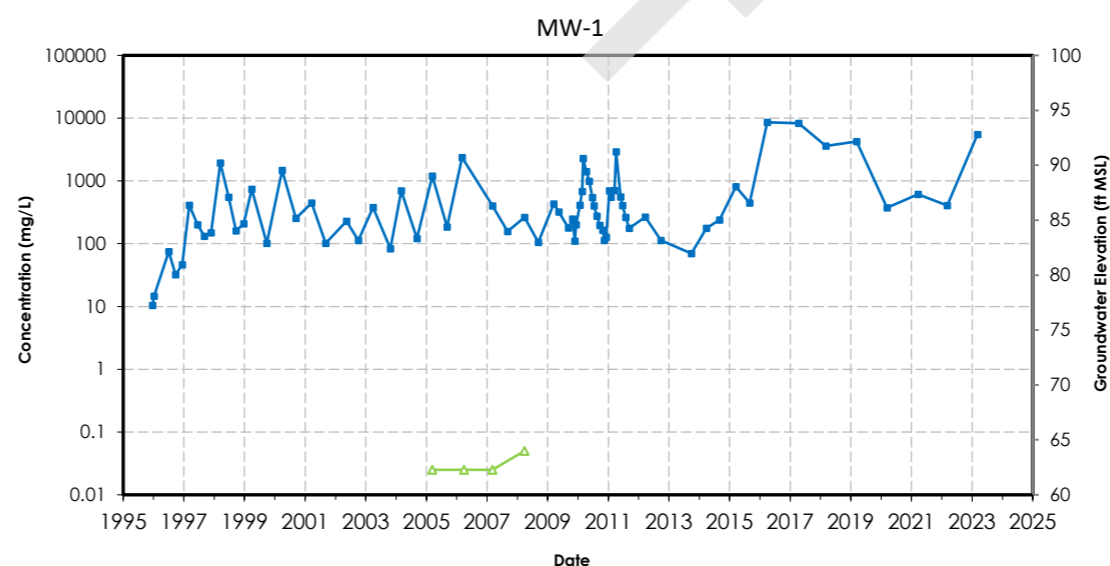
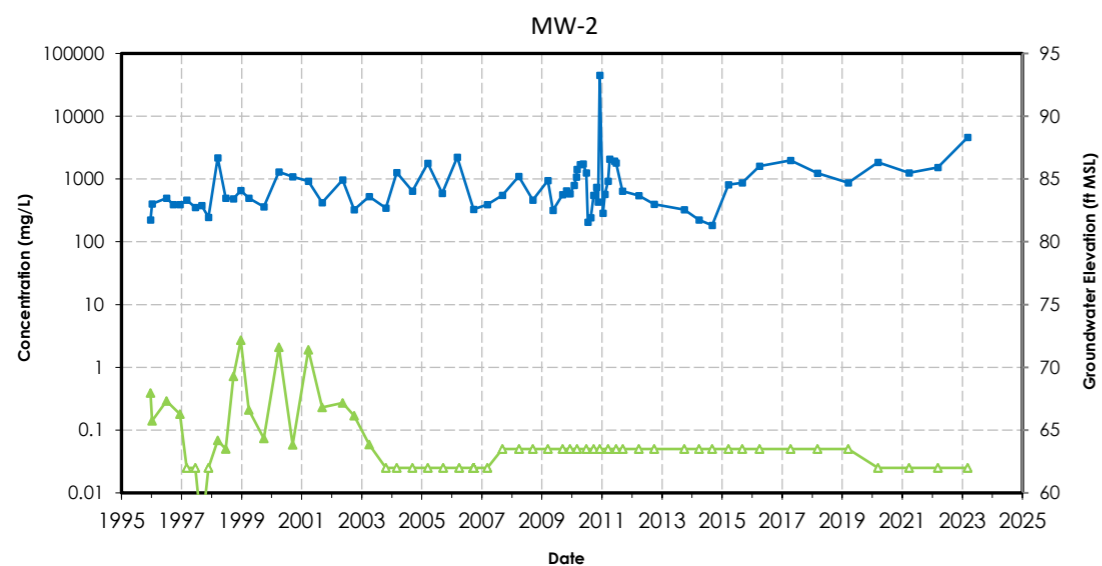
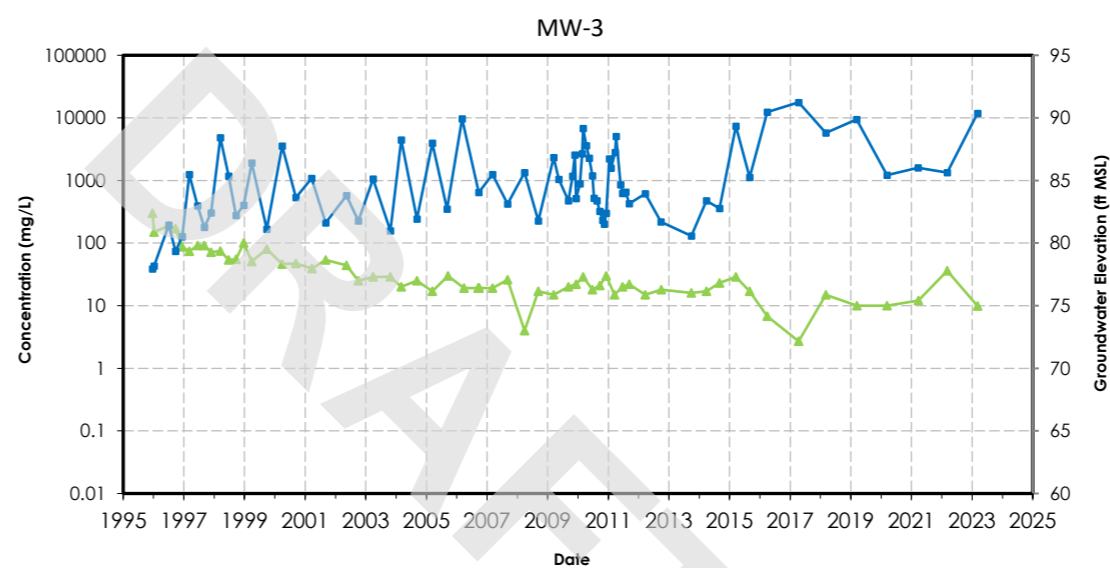
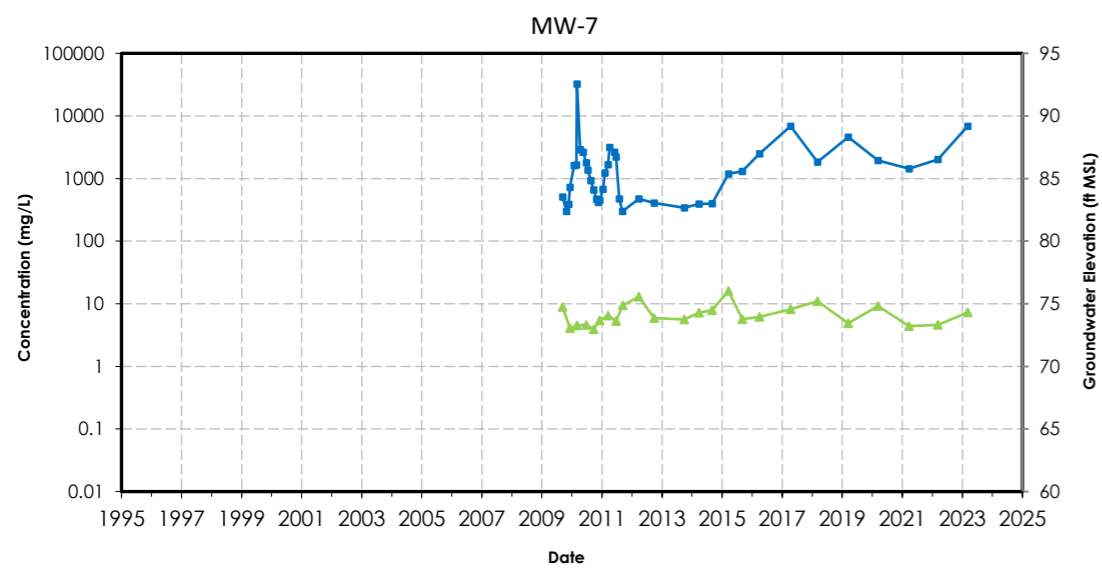
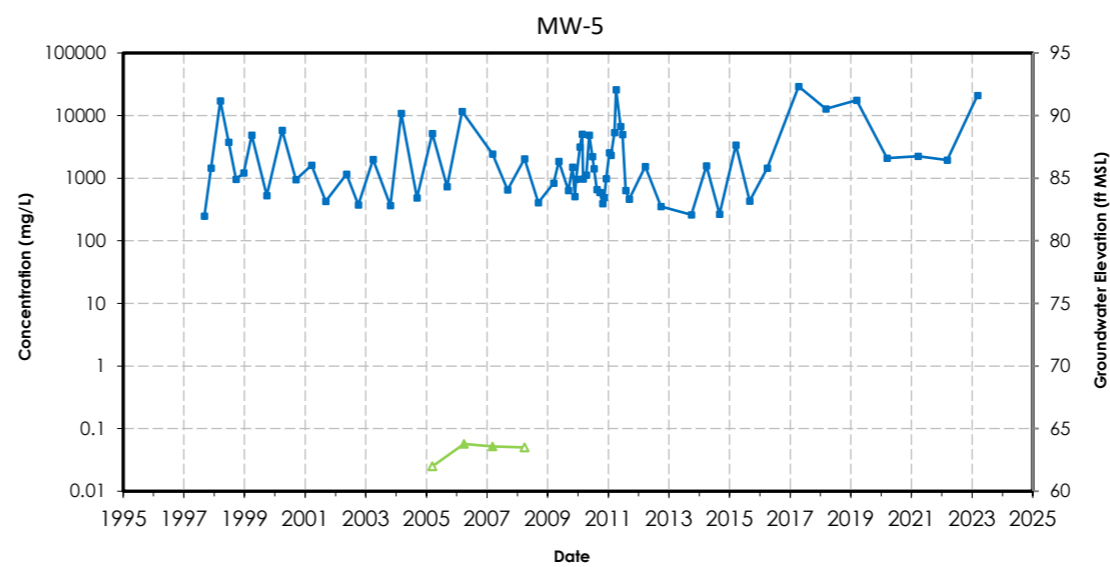
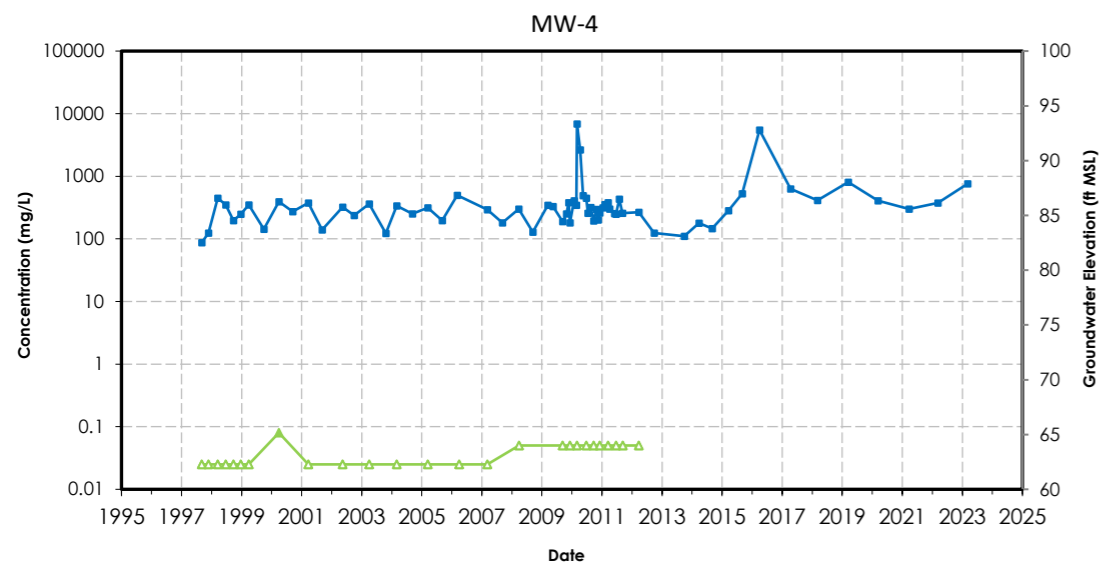


Figure

7

WG2561D

June 2023



Note:
Open symbols are non-detects,
presented at one half the reporting limit.

**Hydrographs and TPHg Time Series
1995 Through 2023**
Roy Wilson Yard
Santa Cruz County, California

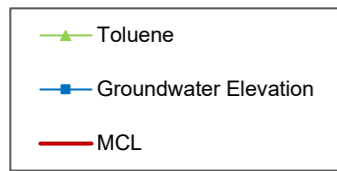
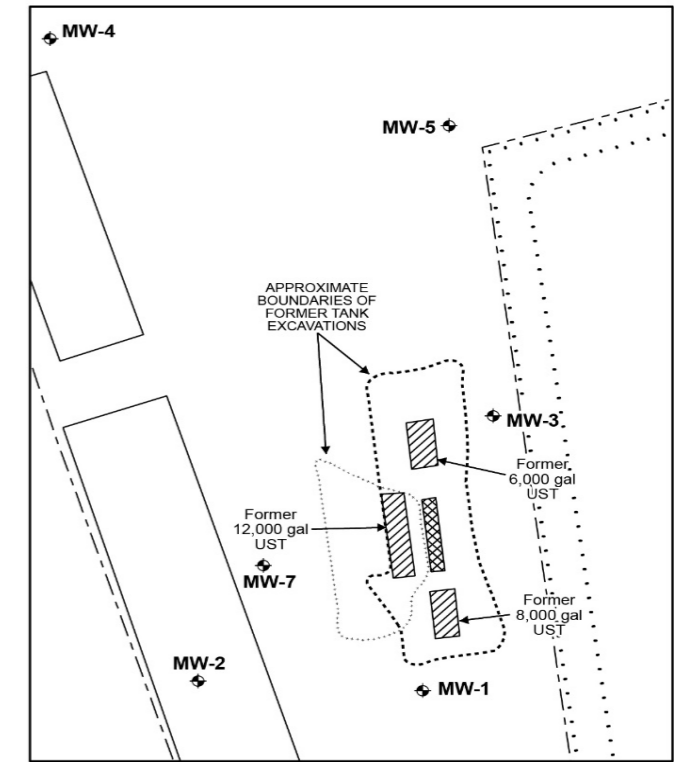
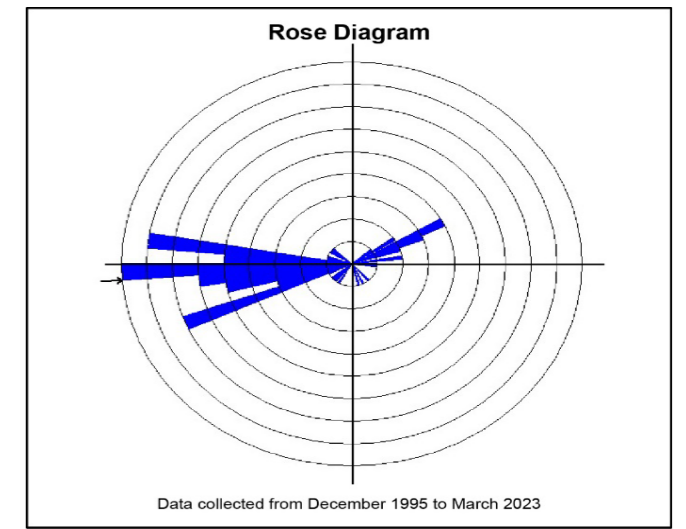
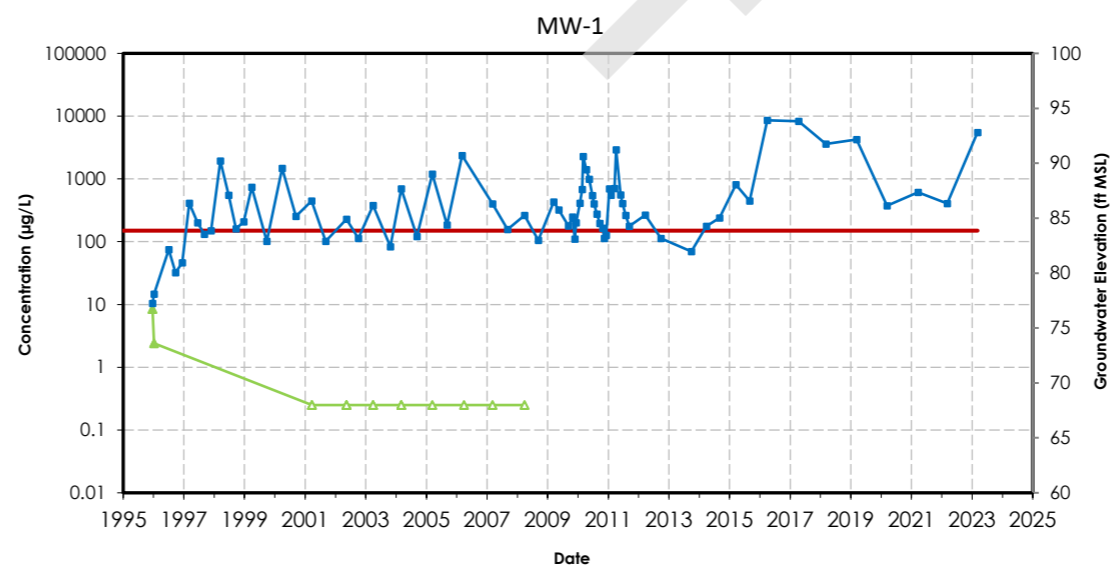
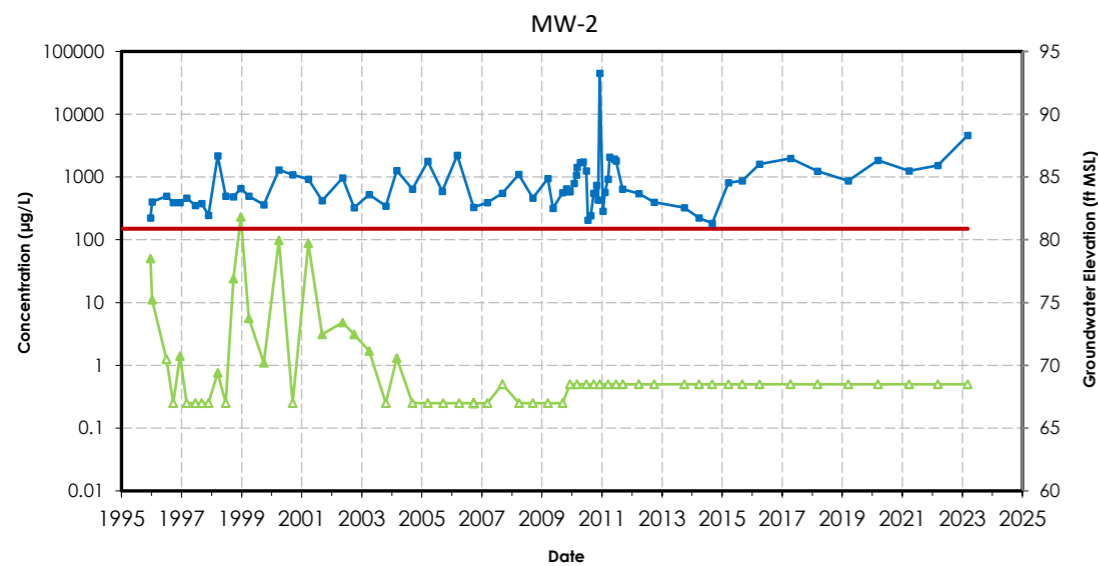
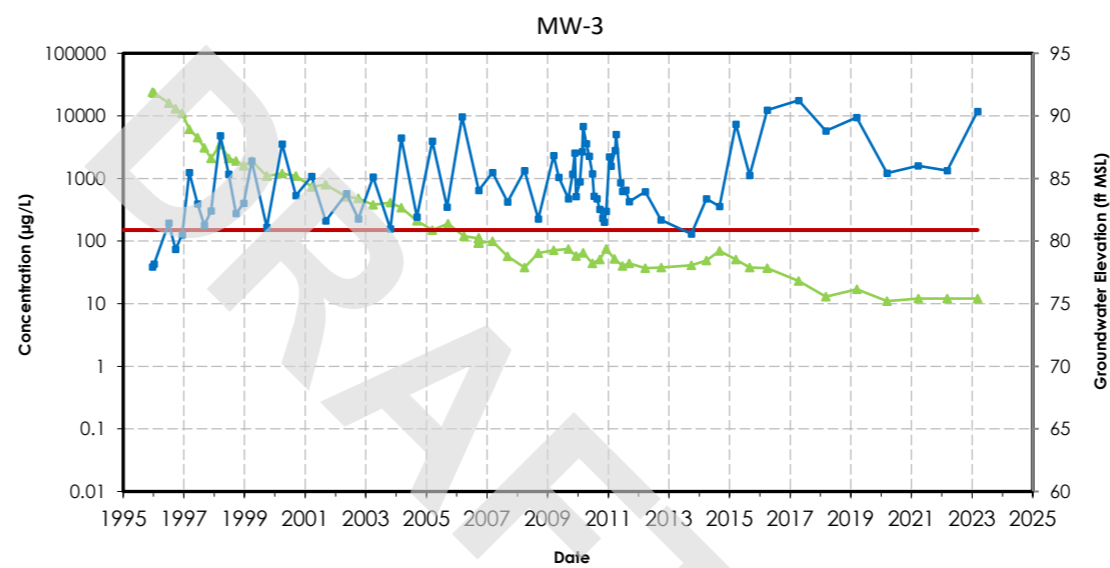
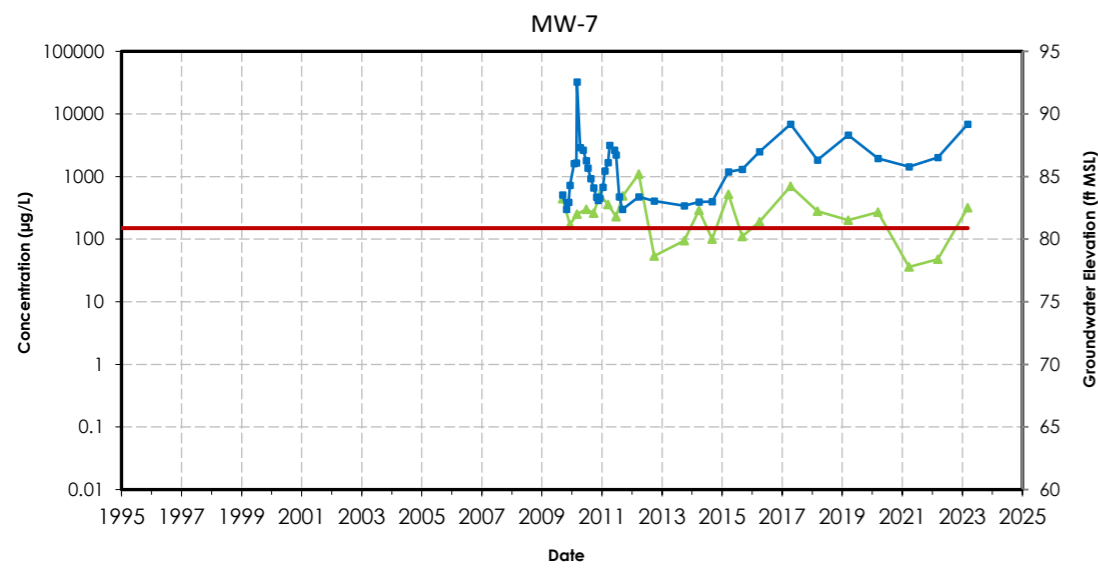
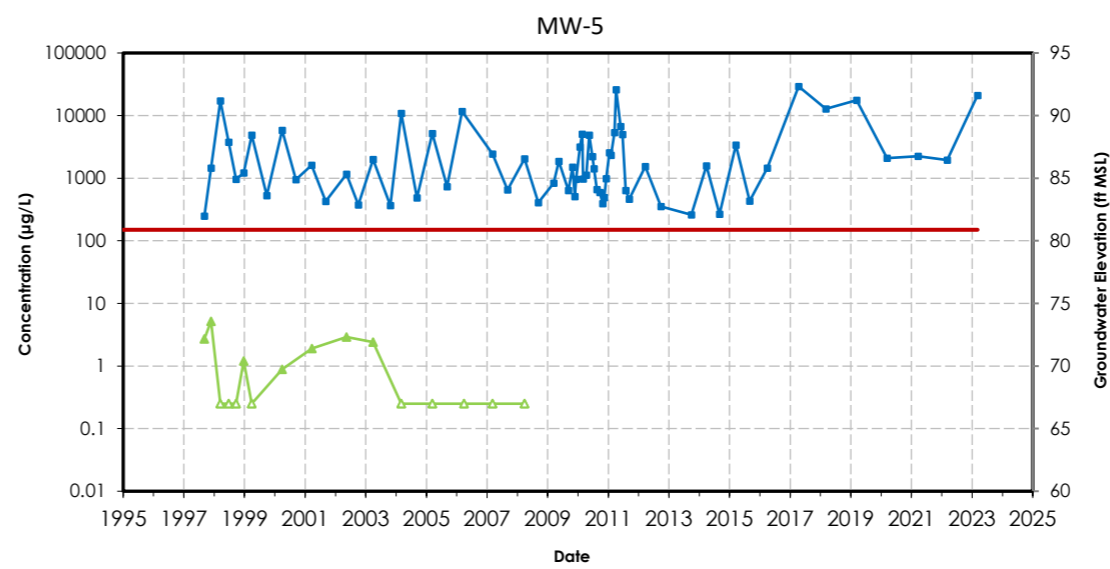
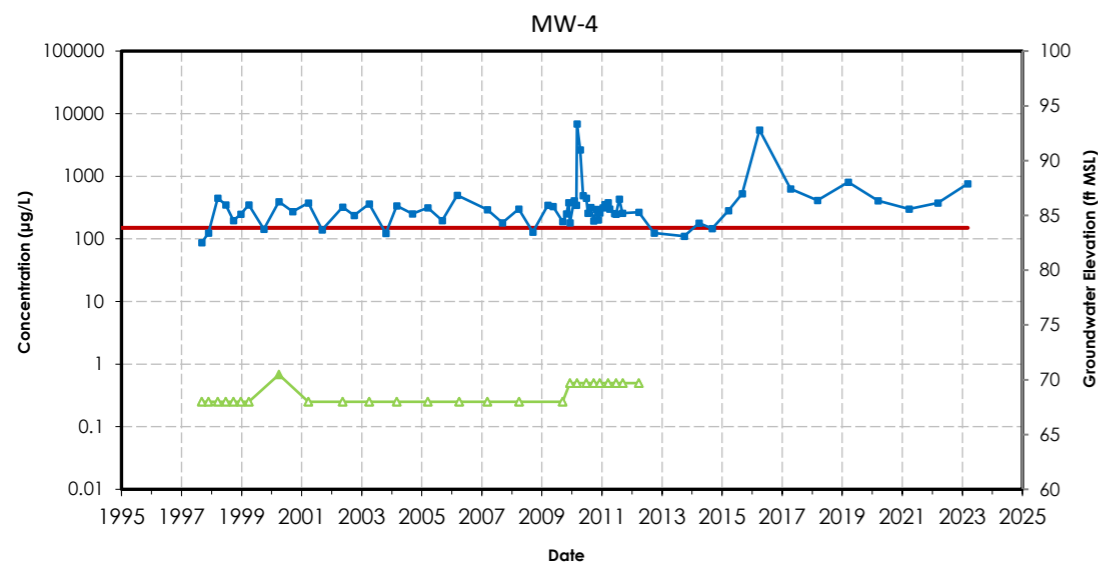


Figure

8

WG2561D

June 2023



Note:
Open symbols are non-detects,
presented at one half the reporting limit.

Hydrographs and Toluene Time Series
1995 Through 2023
Roy Wilson Yard
Santa Cruz County, California

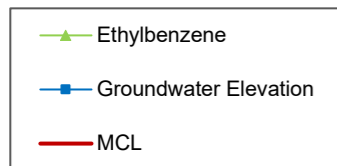
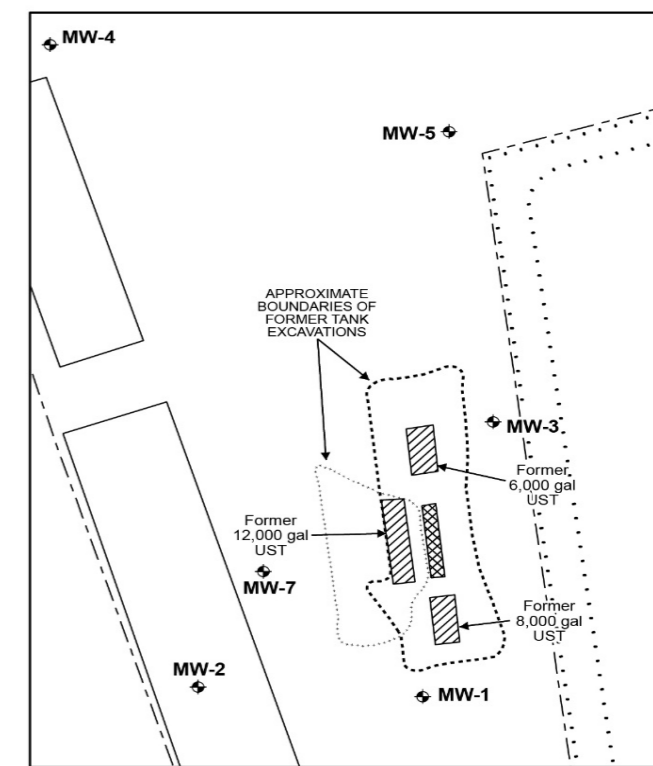
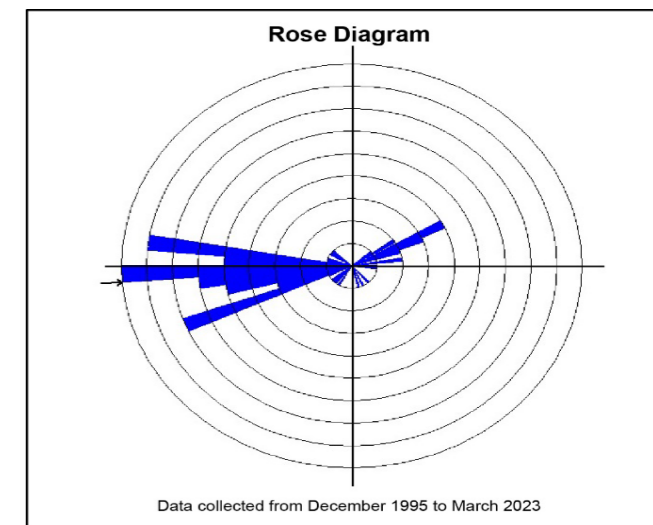
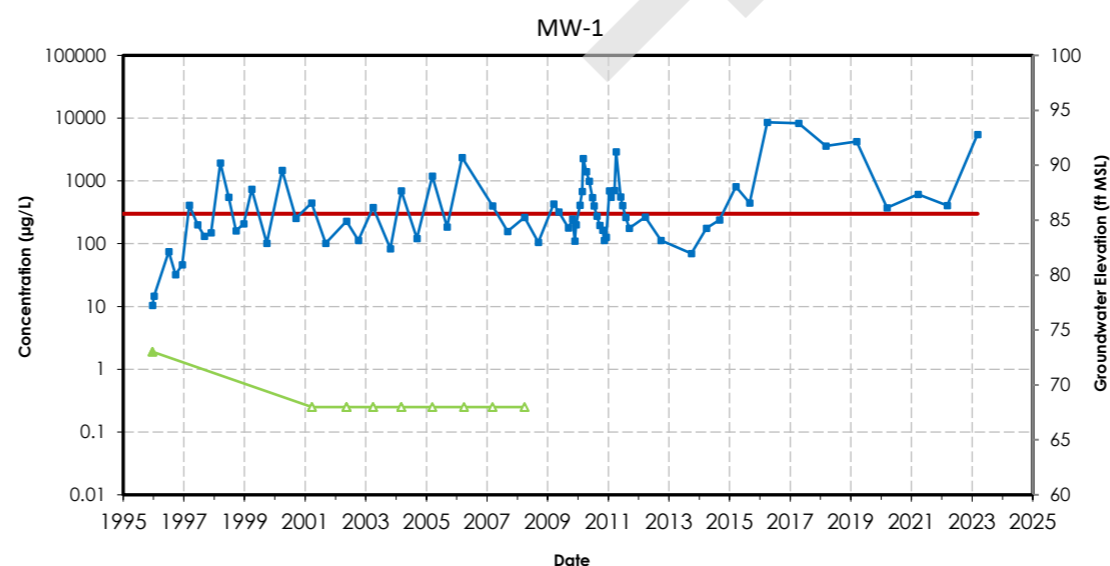
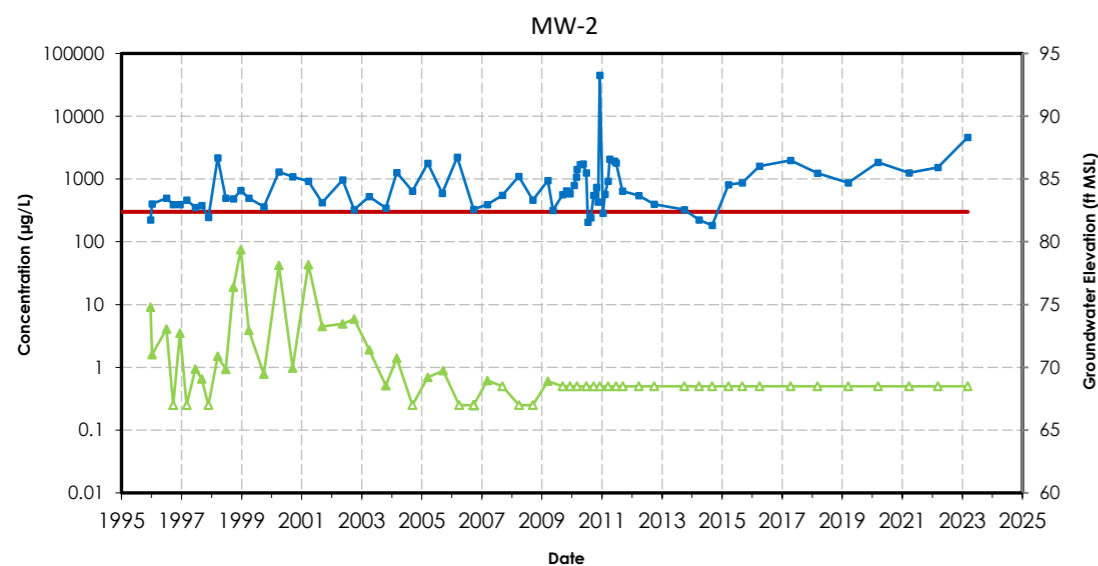
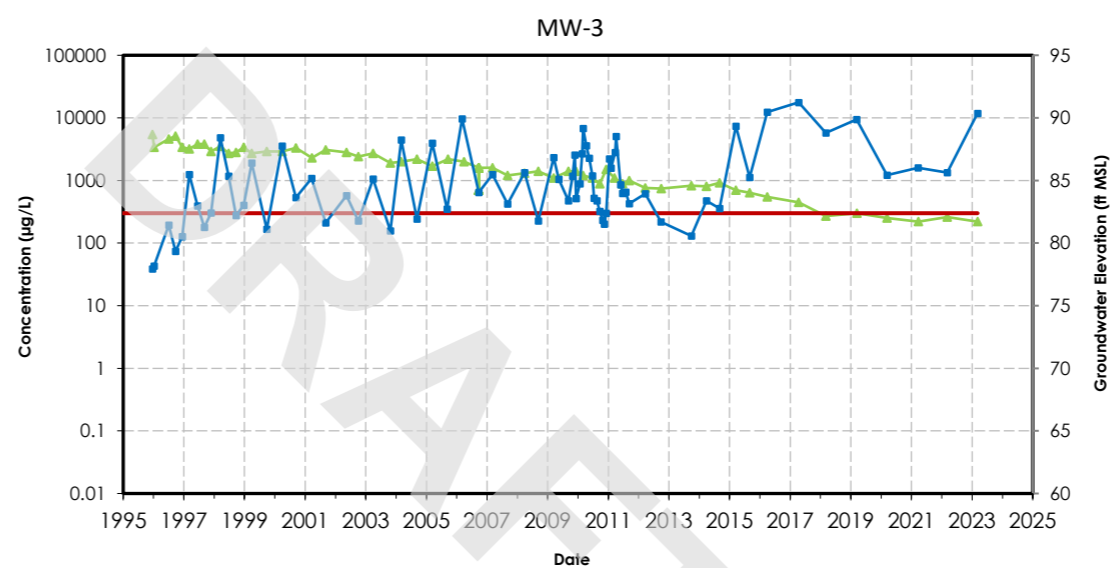
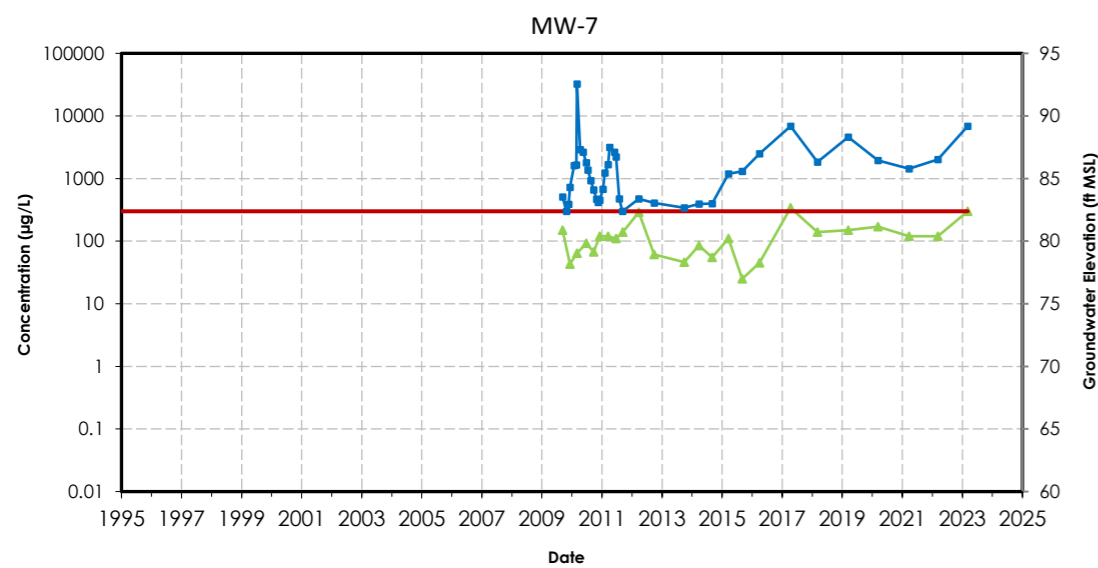
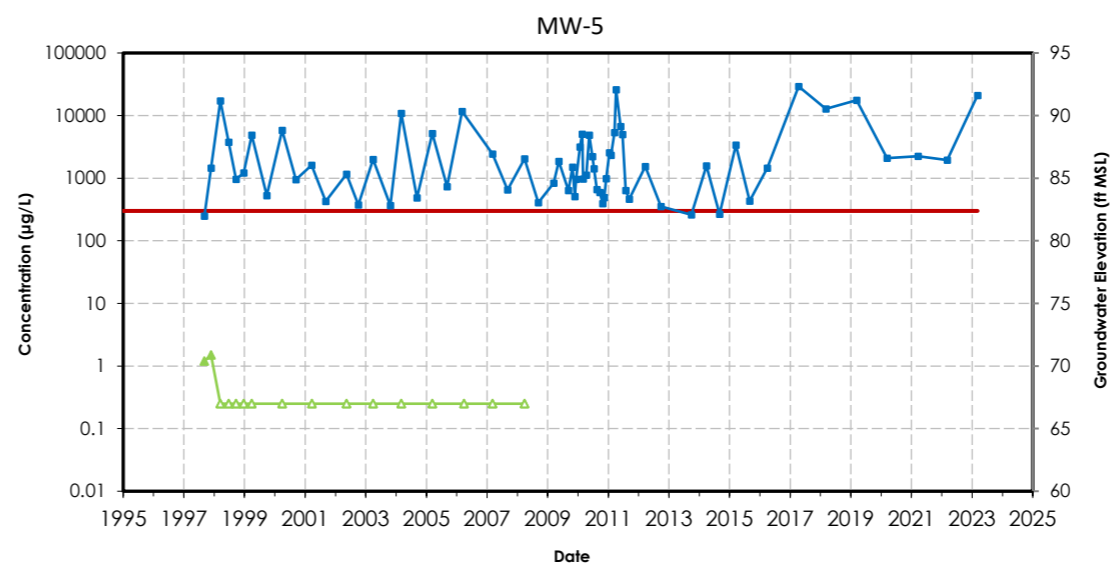
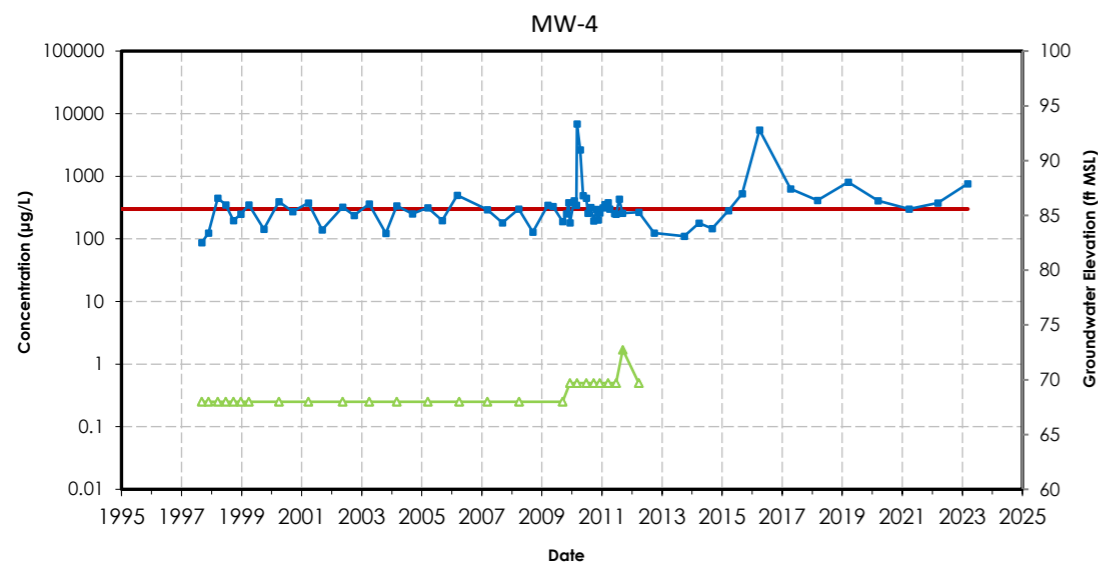


Figure

9

WG2561D

June 2023



Note:
Open symbols are non-detects,
presented at one half the reporting limit.

**Hydrographs and Ethylbenzene Time Series
1995 Through 2023**
Roy Wilson Yard
Santa Cruz County, California

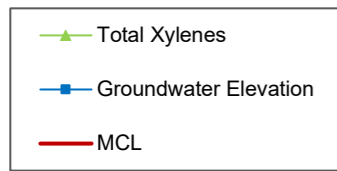
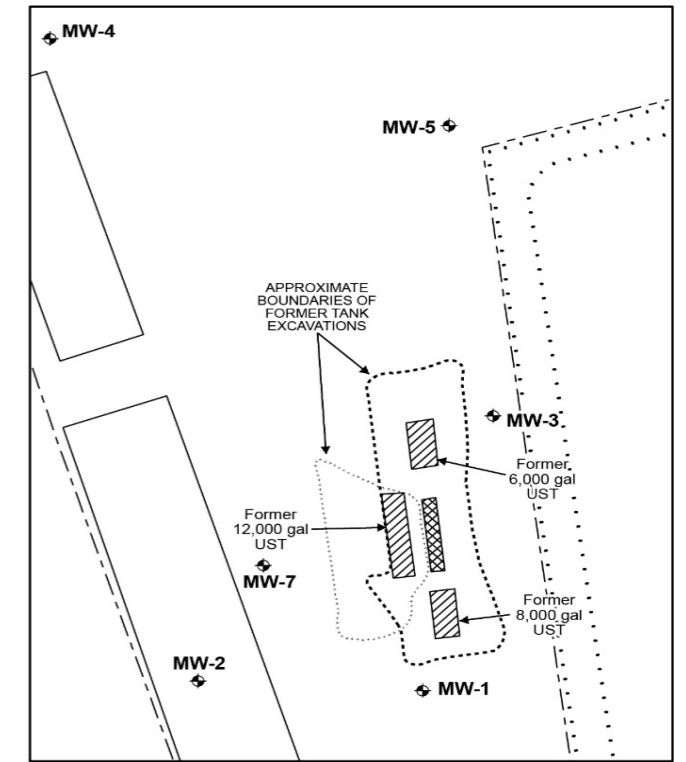
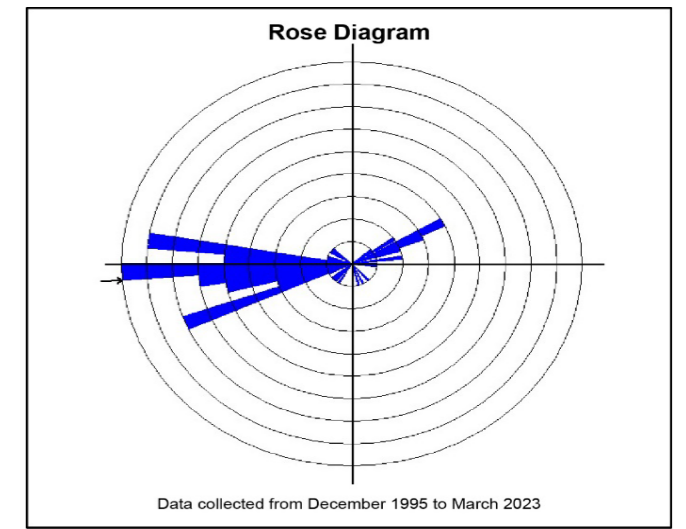
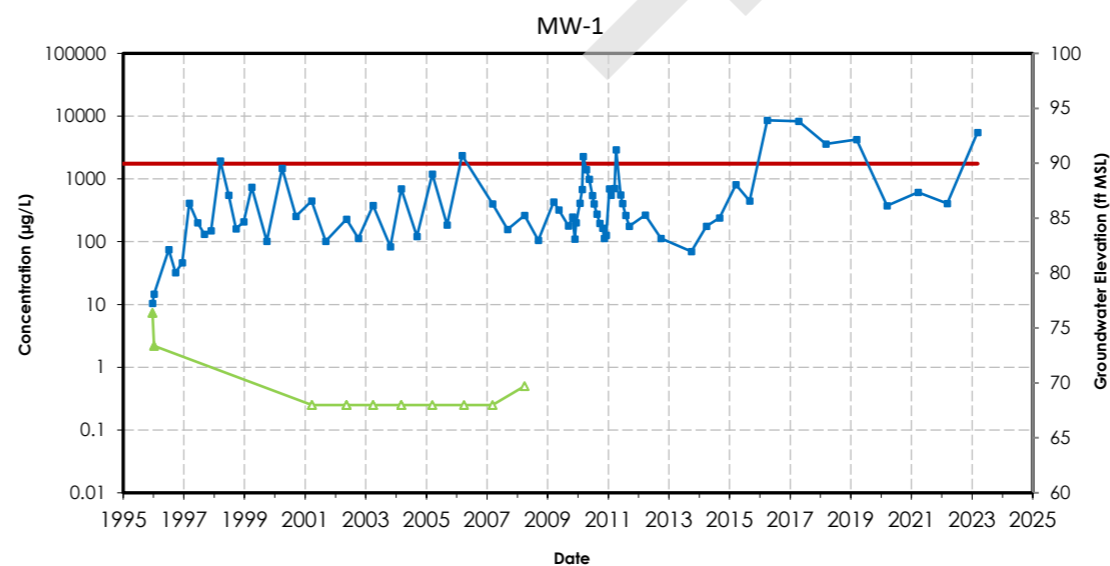
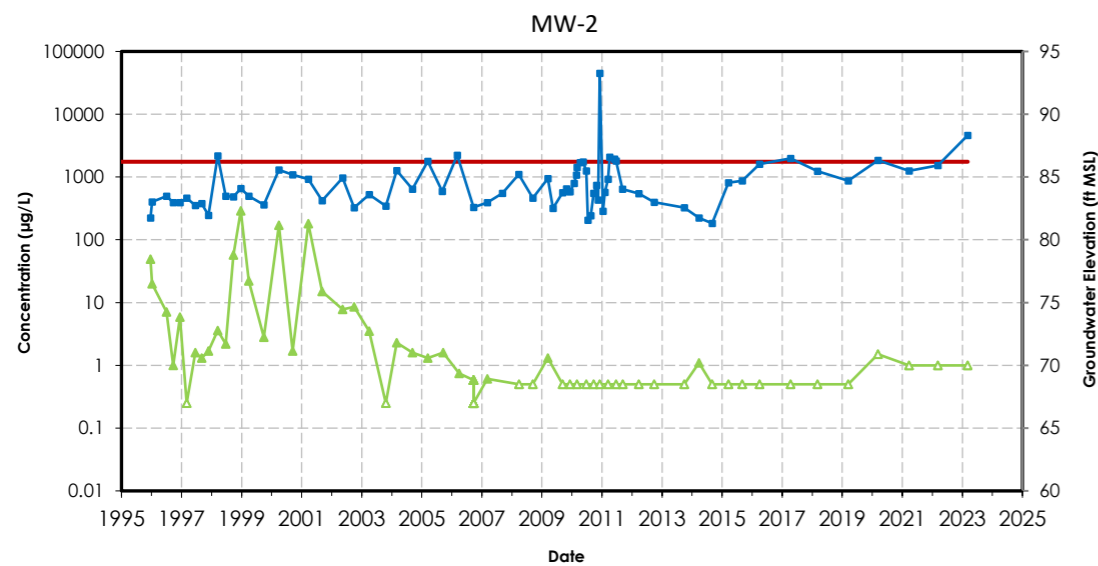
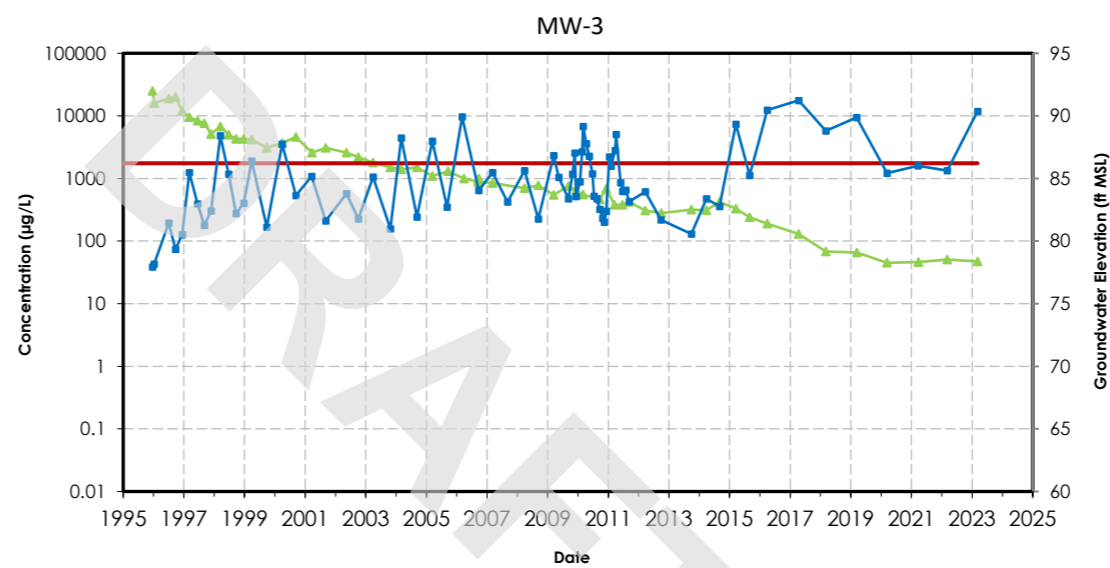
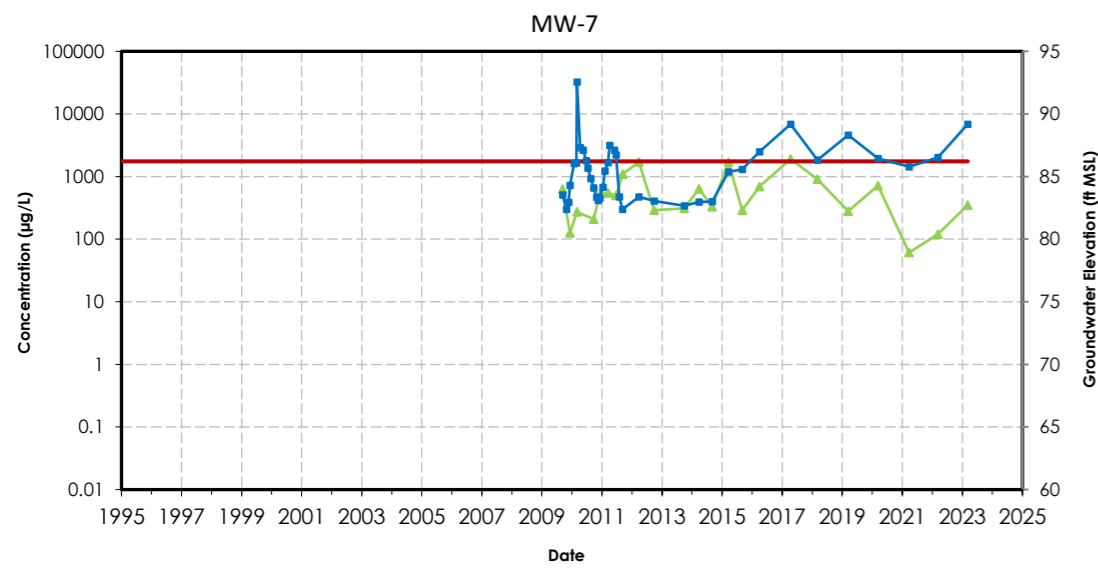
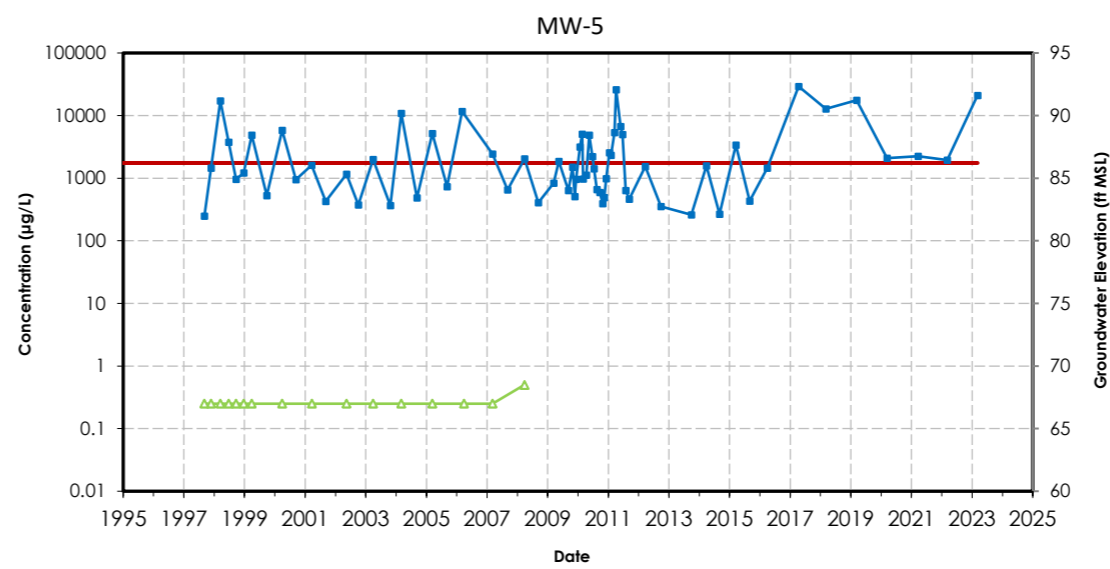
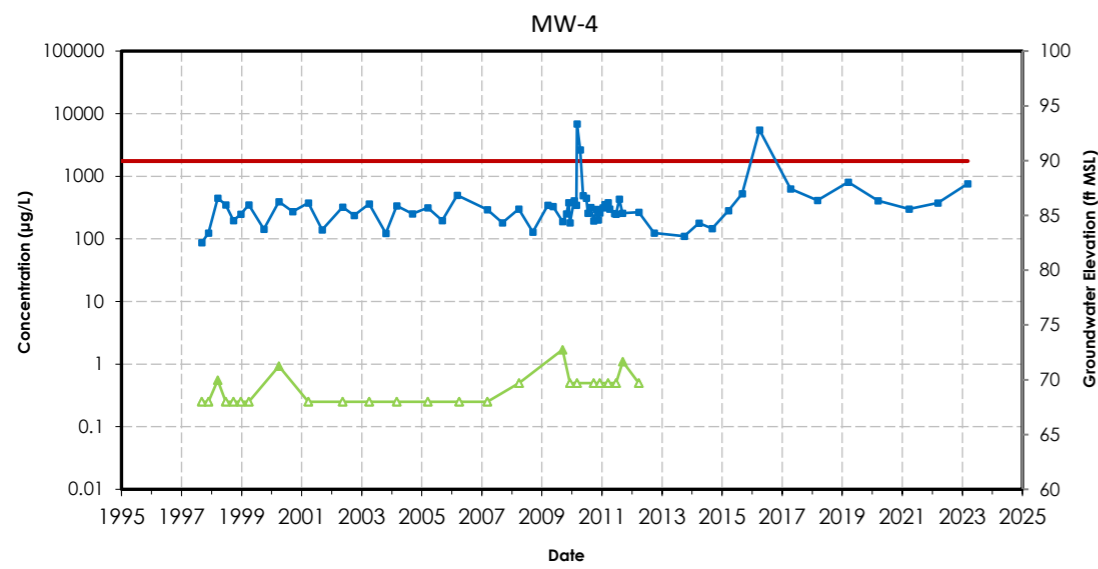


Figure

10

WG2561D

June 2023

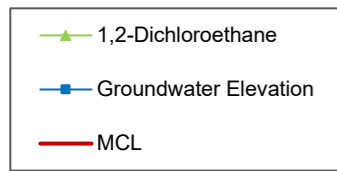
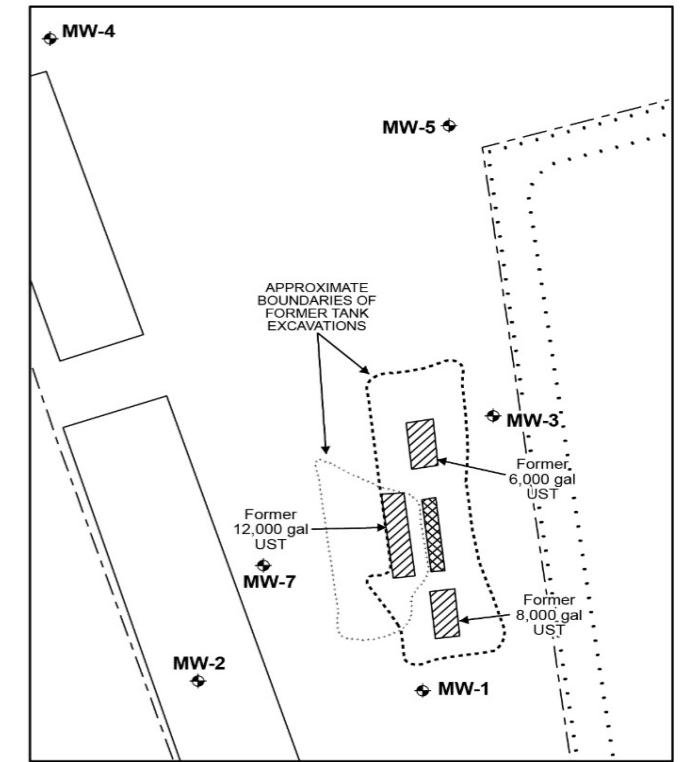
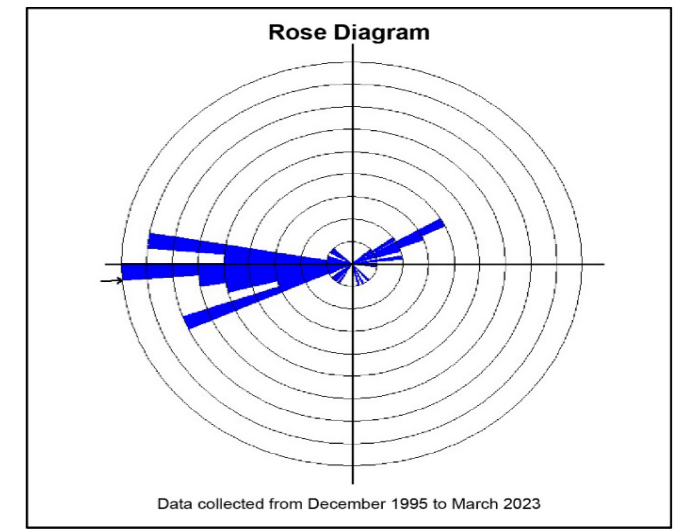
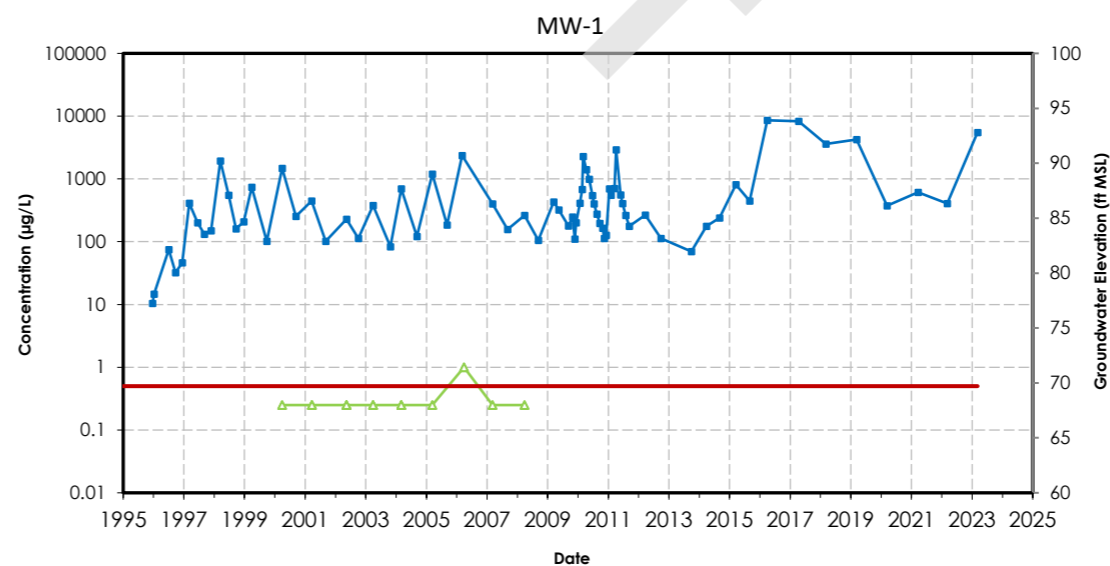
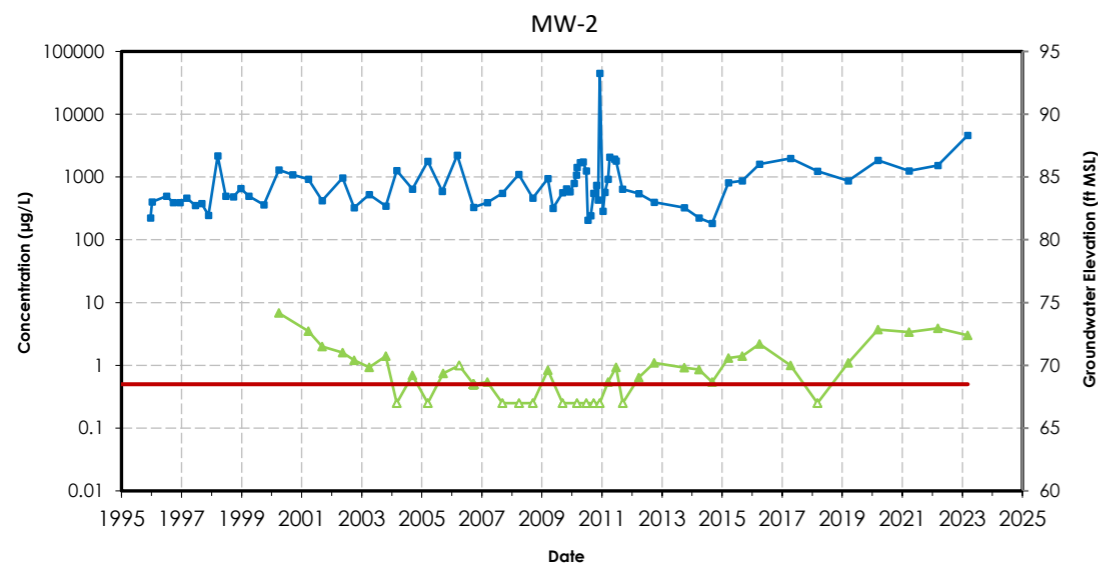
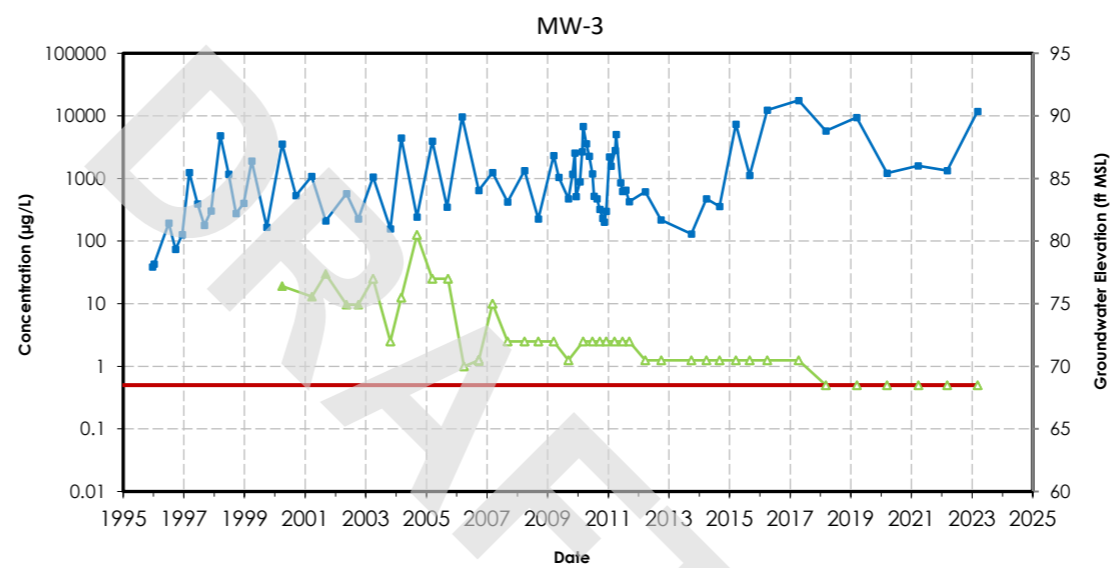
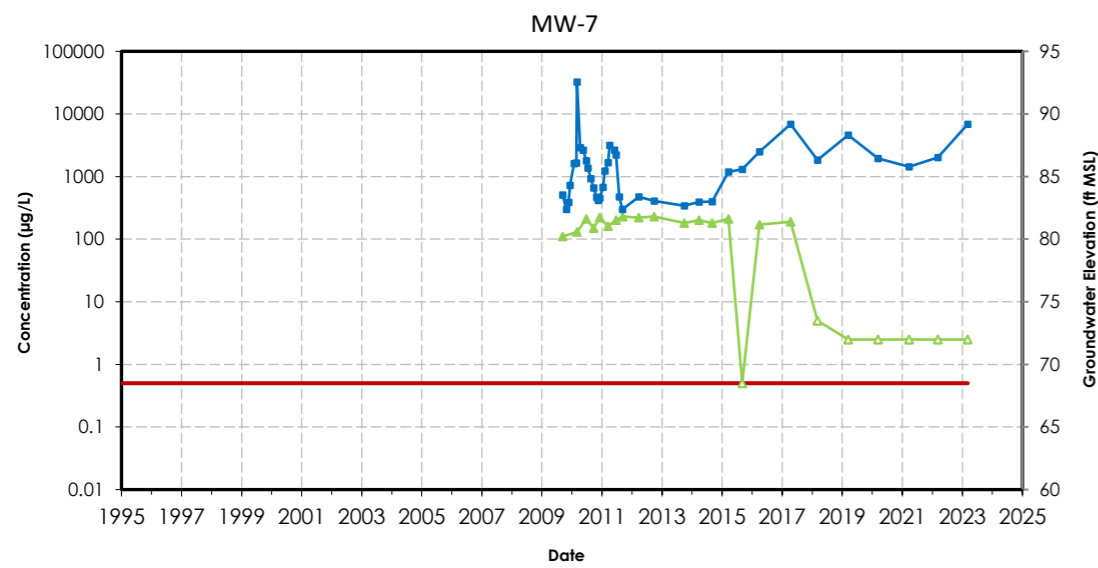
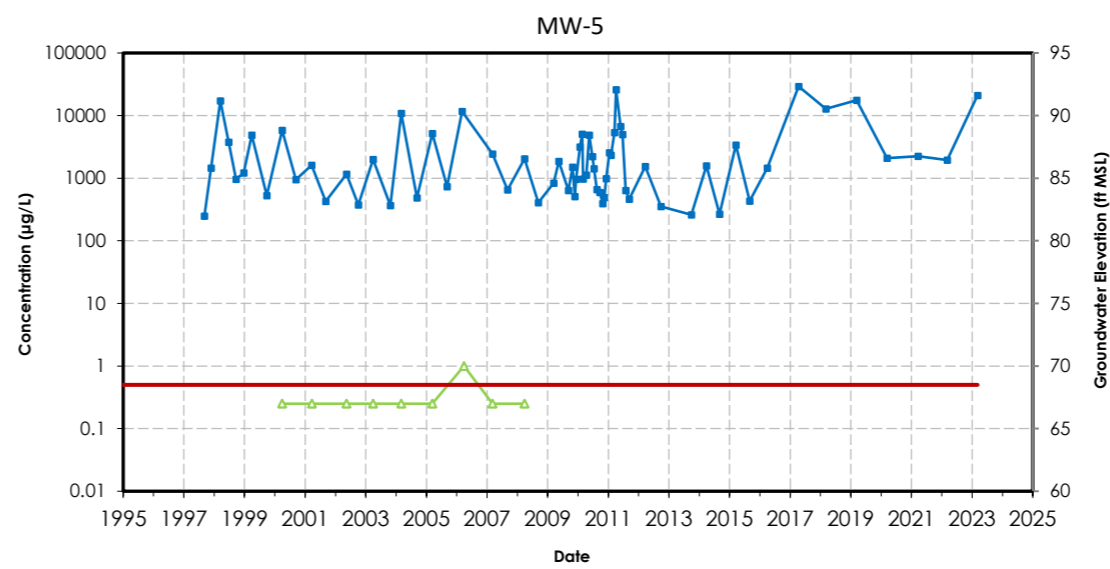
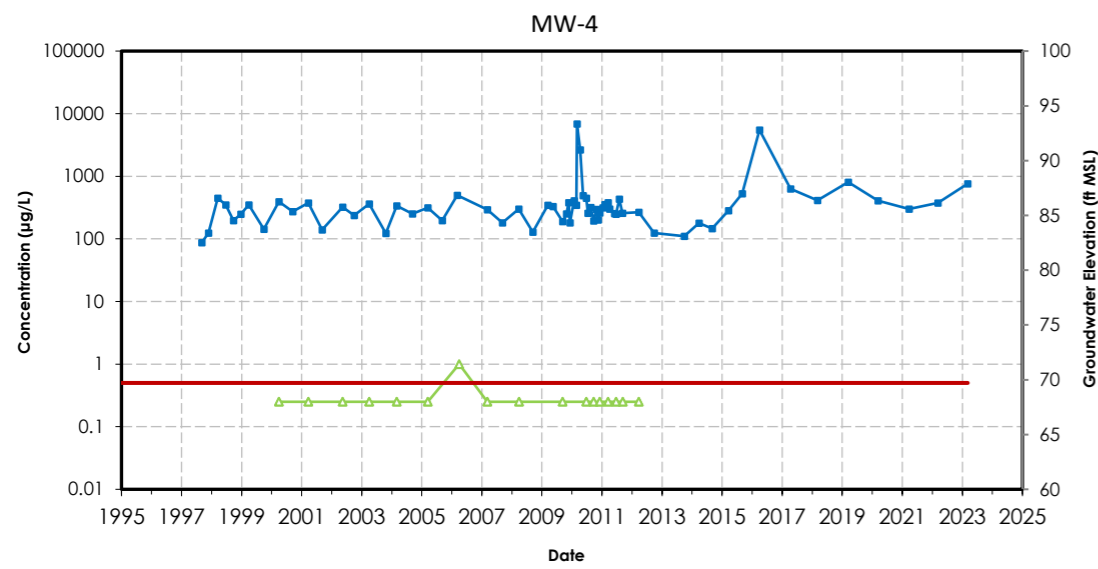


Note:
Open symbols are non-detects,
presented at one half the reporting limit.

**Hydrographs and Total Xylenes Time Series
1995 Through 2023**
Roy Wilson Yard
Santa Cruz County, California

		Figure 11
WG2561D	June 2023	

P:\GIS\RoyWilson\Excel\Timeseries\AnalyticTimeseries.xlsx



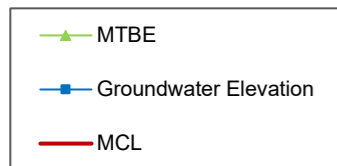
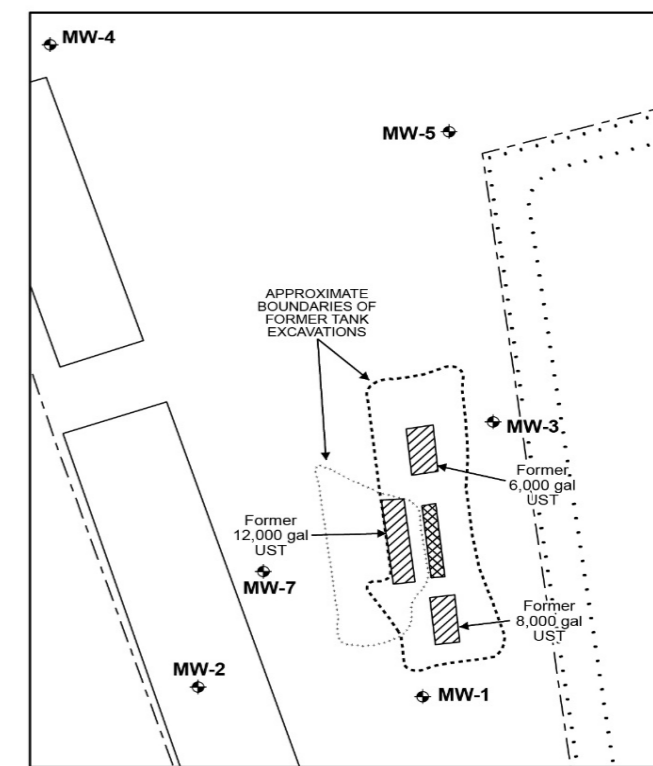
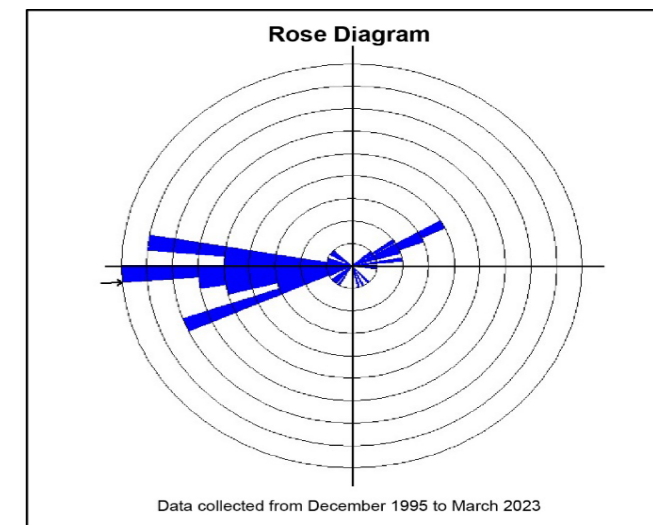
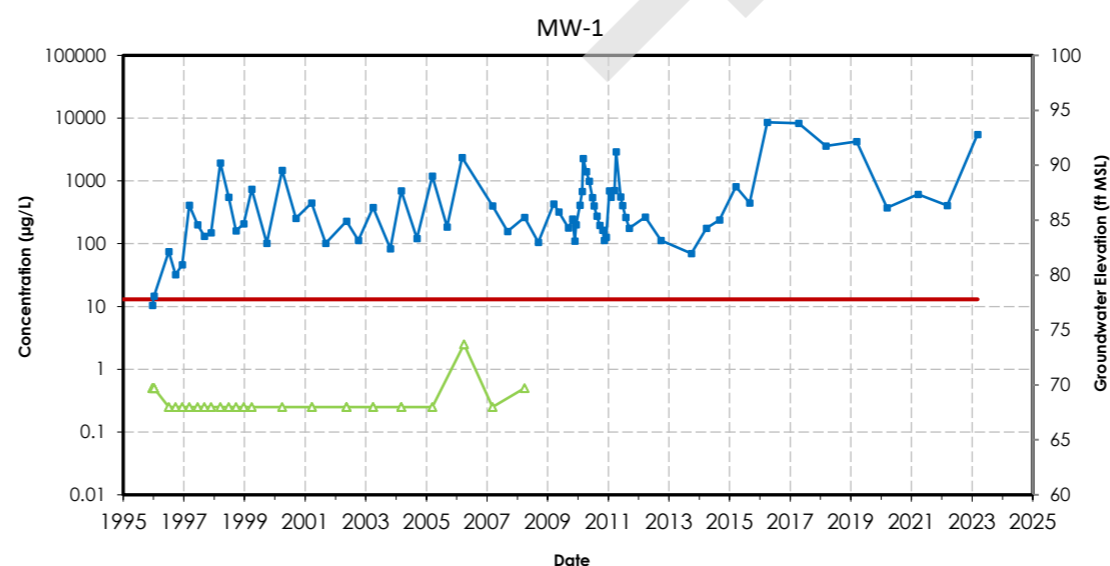
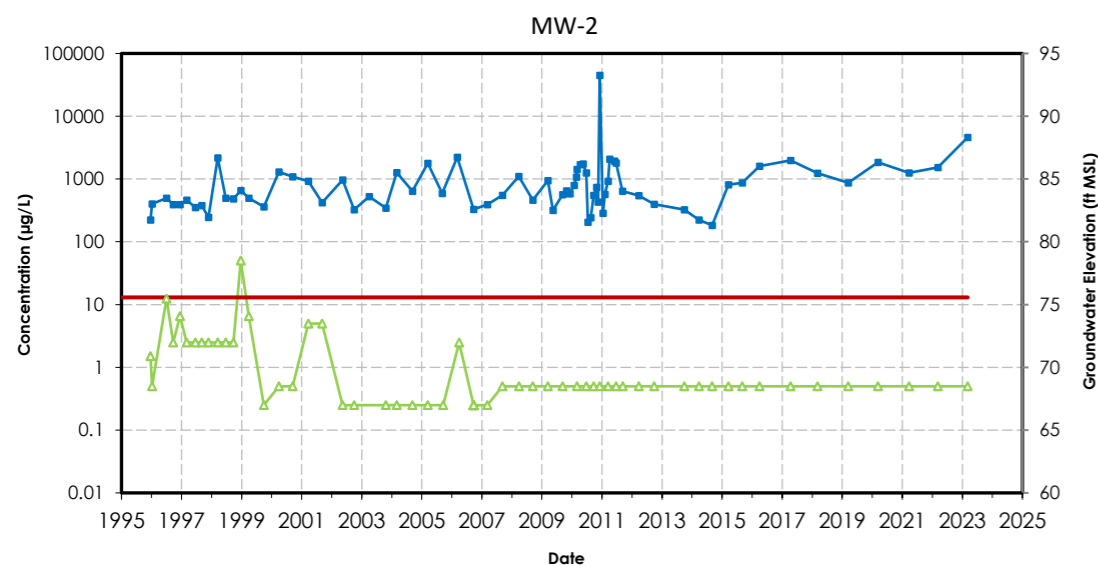
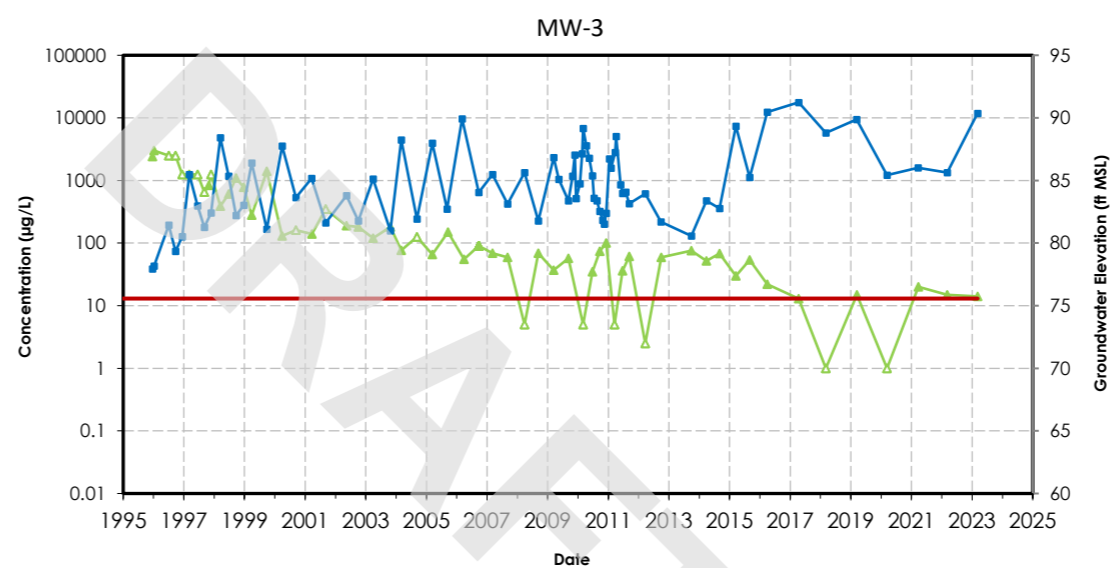
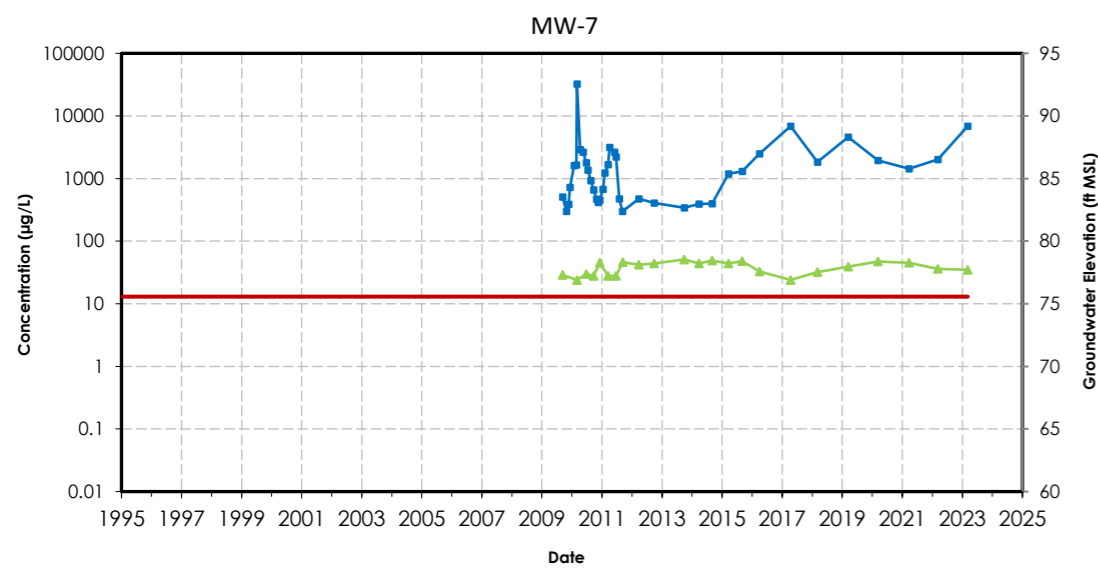
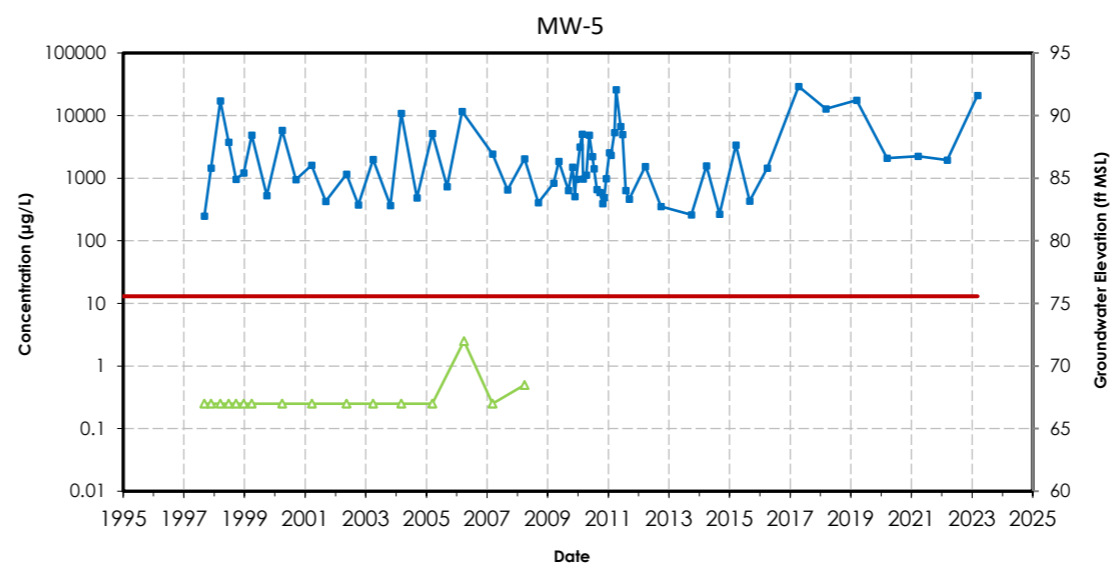
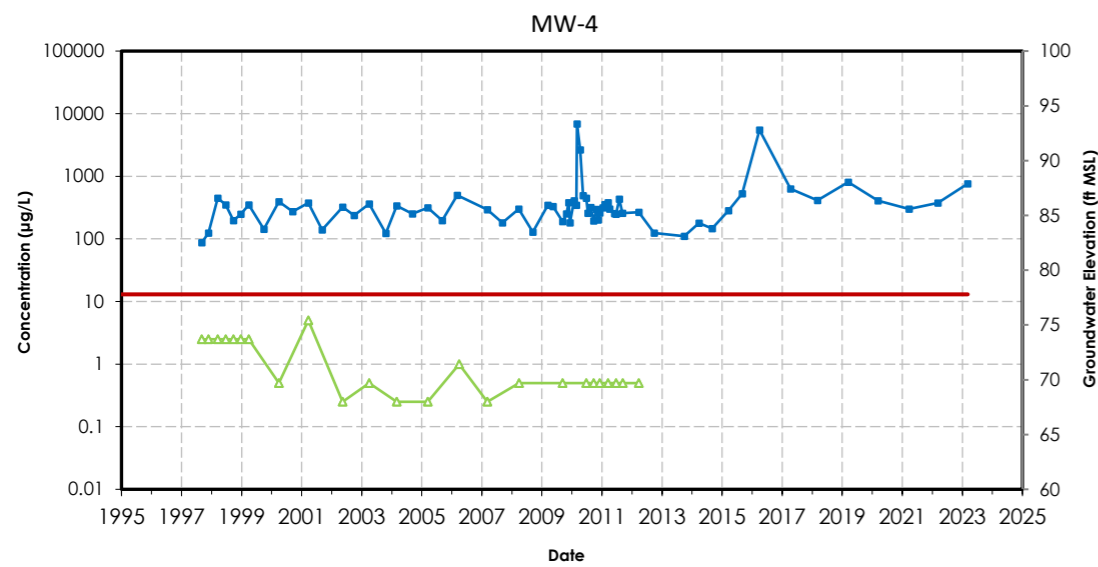
Note:
Open symbols are non-detects,
presented at one half the reporting limit.

**Hydrographs and 1,2-Dichloroethane Time Series
1995 Through 2023**
Roy Wilson Yard
Santa Cruz County, California

Geosyntec
consultants

WG2561D June 2023

P:\GIS\RoyWilson\Excel\TimeSeries\AnalyticTimeSeries.xlsx



Note:
Open symbols are non-detects,
presented at one half the reporting limit.

Hydrographs and MTBE Time Series
1995 Through 2023
Roy Wilson Yard
Santa Cruz County, California



Figure

13

WG2561D

June 2023

APPENDIX A
Groundwater Field Data Sheets (March 2023)

**SANTA CRUZ COUNTY
DEPARTMENT OF PUBLIC WORKS
PIEZOMETER LOG**

LOCATION: Roy Wilson Yard

PIEZOMETER ID #	DATE	TIME	PIEZOMETER ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION
MW-1	3 / 7 / 23	0857	95.71	2.91	92.8
MW-2	"	0859	96.68	8.36	88.52 88.32 ^{GH}
MW-3	"	0905	97.39	7.03	90.36
MW-4	"	0902	95.73	7.84	87.89
MW-5	"	0903	94.68	3.06	91.62
MW-7	"	0900	96.31	7.13	89.18

Chris L.

SWI II

SIGNATURE:

TITLE:

FIELD DATA SHEET

SANTA CRUZ COUNTY, DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION

DATE: 3/7/23 SAMPLER: Chris L. Mera A. PROJECT NAME: GW SW LCH LFG
 LOCATION: BV BL OTHER RWY SOIL OTHER _____

SAMPLE I.D.: RWYGWMMW02 SURFACE WATER FLOW (gpm): _____
 SAMPLE POINT: MW-2 SURFACE WATER OBSERVATIONS: _____

GROUNDWATER PIEZOMETER
 CASING DIAMETER (inches): _____
 CASING ELEVATION (ft/msl): 96.68
 DEPTH TO WATER (ft): 8.36
 WATER ELEVATION (ft/msl): 88.32
 WELL DEPTH (ft): 31.50
 CALCULATED PURGE VOLUME (gal): 11.34
 WELL INTEGRITY: Good

LANDFILL GAS					
	CH ₄	CO ₂	O ₂	BAL.	PRES.
S					
M					
D					

FIELD MEASUREMENTS												
PURGE START:		<u>1108</u>		PURGE END:		<u>1200</u>		SAMPLE TIME:			<u>12/2</u>	
TIME	VOLUME <input type="checkbox"/> (ml) <input checked="" type="checkbox"/> (g)	TEMP (°C)	E.C. (mS/cm)	DO (mg/L)	Ph (units)	ORP (mV)	TURBIDITY (NTU)	WATER ELEVATION	ODOR	COLOR		
<u>1121</u>	<u>2.78</u>	<u>18.30</u>	<u>0.804</u>	<u>2.23</u>	<u>6.90</u>	<u>245</u>	<u>4.10</u>	<u>78.29</u>	<u>none</u>	<u>clear</u>		
<u>1136</u>	<u>2.78</u>	<u>19.73</u>	<u>0.792</u>	<u>4.01</u>	<u>7.03</u>	<u>245</u>	<u>3.29</u>	<u>72.77</u>	<u>none</u>	<u>clear</u>		
<u>1158</u>	<u>3.78</u>	<u>19.85</u>	<u>0.775</u>	<u>2.47</u>	<u>7.07</u>	<u>242</u>	<u>4.18</u>	<u>68.92</u>	<u>none</u>	<u>clear</u>		

PURGE:
 PURGE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD

BLADDER PUMP CONTROLLER SETTING:
 REFILL: _____ @ _____ psi
 DISCHARGE: _____ @ _____ psi
 TOTAL PURGE TIME (min.): _____
 TOTAL PURGE VOLUME (gal): 11.34
 PURGE RATE (ml gal/min.): _____

REPAIR NEEDED: PUMP BLADDER TUBING OTHER

REMARK: _____

SAMPLE:
 SAMPLE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD

BLADDER PUMP CONTROLLER SETTING:
 REFILL: _____ @ _____ psi
 DISCHARGE: _____ @ _____ psi
 AIR TEMPERATURE (°F): 51
 WEATHER: SUNNY CLOUDY WINDY BREEZY
 RAIN OTHER _____

SIGNATURE: Chris L. Mera

TITLE: SWII

FIELD DATA SHEET

SANTA CRUZ COUNTY, DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION

DATE: 3/7/23 SAMPLER: Chris L. Mene A PROJECT NAME: GW SW LCH LFG
LOCATION: BV BL OTHER RWY SOIL OTHER _____

SAMPLE I.D.: RWYGWMMW3 SURFACE WATER FLOW (gpm): _____
SAMPLE POINT: MW-3 SURFACE WATER OBSERVATIONS: _____

GROUNDWATER PIEZOMETER
CASING DIAMETER (inches): _____
CASING ELEVATION (ft/msl): 97.99
DEPTH TO WATER (ft): 7.03
WATER ELEVATION (ft/msl): 90.96
WELL DEPTH (ft): 32
CALCULATED PURGE VOLUME (gal): 12.23
WELL INTEGRITY: Good

LANDFILL GAS					
	CH ₄	CO ₂	O ₂	BAL.	PRES.
S					
M					
D					

FIELD MEASUREMENTS

PURGE START:		<u>0920</u>		PURGE END:		<u>1002</u>		SAMPLE TIME:		<u>1005</u>	
TIME	VOLUME <input type="checkbox"/> (ml) <input checked="" type="checkbox"/> (g)	TEMP (°C)	E.C. (mS/cm)	DO (mg/L)	Ph (units)	ORP (mV)	TURBIDITY (NTU)	WATER ELEVATION	ODOR	COLOR	
<u>0935</u>	<u>4</u>	<u>17.38</u>	<u>0.967</u>	<u>1.41</u>	<u>6.35</u>	<u>145</u>	<u>3.60</u>	<u>88.72</u>	<u>diesel</u>	<u>clear</u>	
<u>0948</u>	<u>4</u>	<u>18.38</u>	<u>0.986</u>	<u>2.18</u>	<u>6.76</u>	<u>123</u>	<u>16.36</u>	<u>82.14</u>	<u>diesel</u>	<u>very slight milky</u>	
<u>1001</u>	<u>4</u>	<u>20.47</u>	<u>0.979</u>	<u>1.46</u>	<u>6.89</u>	<u>108</u>	<u>15.90</u>	<u>81.49</u>	<u>diesel</u>	<u>"</u>	

PURGE:
PURGE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD
BLADDER PUMP CONTROLLER SETTING:
REFILL: _____ @ _____ psi
DISCHARGE: _____ @ _____ psi
TOTAL PURGE TIME (min.): 45
TOTAL PURGE VOLUME (gal): 12.23
PURGE RATE (ml gal/min.): _____
REPAIR NEEDED: PUMP BLADDER TUBING OTHER

SAMPLE:
SAMPLE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD
BLADDER PUMP CONTROLLER SETTING:
REFILL: _____ @ _____ psi
DISCHARGE: _____ @ _____ psi
AIR TEMPERATURE (°F): 49
WEATHER: SUNNY CLOUDY WINDY BREEZY
 RAIN OTHER _____

REMARK: _____

SIGNATURE: Chris L. Mene TITLE: SWI II

FIELD DATA SHEET

SANTA CRUZ COUNTY, DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION

DATE: 3/7/23 SAMPLER: Onir L. Mero A.
LOCATION: BV BL OTHER RWY

PROJECT NAME: GW SW LCH LFG
 SOIL OTHER _____

SAMPLE I.D.: RWYGW/MW-7
SAMPLE POINT: MW-7

SURFACE WATER FLOW (gpm): _____
SURFACE WATER OBSERVATIONS: _____

GROUNDWATER PIEZOMETER
CASING DIAMETER (inches): _____
CASING ELEVATION (ft/msl): 96.31
DEPTH TO WATER (ft): _____
WATER ELEVATION (ft/msl): 84.13
WELL DEPTH (ft): 23
CALCULATED PURGE VOLUME (gal): 7.78
WELL INTEGRITY: Good

LANDFILL GAS					
	CH ₄	CO ₂	O ₂	BAL.	PRES.
S					
M					
D					

FIELD MEASUREMENTS												
PURGE START:		<u>1019</u>		PURGE END:		<u>1226</u>		SAMPLE TIME:			<u>1228</u>	
TIME	VOLUME <input type="checkbox"/> (ml) <input type="checkbox"/> (g)	TEMP (°C)	E.C. (mS/cm)	DO (mg/L)	Ph (units)	ORP (mV)	TURBIDITY (NTU)	WATER ELEVATION	ODOR	COLOR		
<u>1029</u>	<u>2.60</u>	<u>20.88</u>	<u>0.531</u>	<u>1.31</u>	<u>6.71</u>	<u>132</u>	<u>21.37</u>	<u>82.46</u>	<u>diesel + sewerage</u>	<u>milky</u>		
<u>1041</u>	<u>2.60</u>	<u>19.42</u>	<u>0.611</u>	<u>1.63</u>	<u>6.71</u>	<u>132</u>	<u>11.31</u>	<u>78.61</u>	<u>"</u>	<u>slightly milky</u>		
<u>1225</u>	<u>2.60</u>	<u>21.88</u>	<u>0.550</u>	<u>3.19</u>	<u>6.90</u>	<u>153</u>	<u>9.65</u>	<u>79.49</u>	<u>diesel</u>	<u>"</u>		

PURGE:
PURGE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD

SAMPLE:
SAMPLE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD

BLADDER PUMP CONTROLLER SETTING:
REFILL: _____ @ _____ psi
DISCHARGE: _____ @ _____ psi
TOTAL PURGE TIME (min.): 129
TOTAL PURGE VOLUME (gal): 7.78
PURGE RATE (ml gal/min.): _____

BLADDER PUMP CONTROLLER SETTING:
REFILL: _____ @ _____ psi
DISCHARGE: _____ @ _____ psi
AIR TEMPERATURE (°F): 50
WEATHER: SUNNY CLOUDY WINDY BREEZY
 RAIN OTHER _____

REPAIR NEEDED: PUMP BLADDER TUBING OTHER

REMARK: _____

SIGNATURE: [Signature]

TITLE: SWI II

FIELD DATA SHEET

SANTA CRUZ COUNTY, DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION

DATE: 3/7/23 SAMPLER: Chris L. Mene A. PROJECT NAME: GW SW LCH LFG
LOCATION: BV BL OTHER RWY SOIL OTHER _____

SAMPLE I.D.: _____ SURFACE WATER FLOW (gpm): _____
SAMPLE POINT: _____ SURFACE WATER OBSERVATIONS: _____

GROUNDWATER PIEZOMETER
CASING DIAMETER (inches): _____
CASING ELEVATION (ft/msl): _____
DEPTH TO WATER (ft): _____
WATER ELEVATION (ft/msl): _____
WELL DEPTH (ft): _____
CALCULATED PURGE VOLUME (gal): _____
WELL INTEGRITY: _____

LANDFILL GAS					
	CH ₄	CO ₂	O ₂	BAL.	PRES.
S					
M					
D					

FIELD MEASUREMENTS										
PURGE START:			PURGE END:			SAMPLE TIME: <u>0730</u>				
TIME	VOLUME <input type="checkbox"/> (ml) <input type="checkbox"/> (g)	TEMP (°C)	E.C. (mS/cm)	DO (mg/L)	Ph (units)	ORP (mV)	TURBIDITY (NTU)	WATER ELEVATION	ODOR	COLOR

PURGE:
PURGE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD

BLADDER PUMP CONTROLLER SETTING:
REFILL: _____ @ _____ psi
DISCHARGE: _____ @ _____ psi
TOTAL PURGE TIME (min.): _____
TOTAL PURGE VOLUME (gal): _____
PURGE RATE (ml gal/min.): _____
REPAIR NEEDED: PUMP BLADDER TUBING OTHER

SAMPLE:
SAMPLE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD

BLADDER PUMP CONTROLLER SETTING:
REFILL: _____ @ _____ psi
DISCHARGE: _____ @ _____ psi
AIR TEMPERATURE (°F): _____
WEATHER: SUNNY CLOUDY WINDY BREEZY
 RAIN OTHER _____

REMARK: _____
Trip Blank

SIGNATURE: Chris L. Mene TITLE: SWII

FIELD DATA SHEET

SANTA CRUZ COUNTY, DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION

DATE: 3/7/23 SAMPLER: Davis L. Merve A. PROJECT NAME: GW SW LCH LFG
LOCATION: BV BL OTHER RWY SOIL OTHER _____

SAMPLE I.D.: QC DUP SURFACE WATER FLOW (gpm): _____
SAMPLE POINT: _____ SURFACE WATER OBSERVATIONS: _____

GROUNDWATER PIEZOMETER
CASING DIAMETER (inches): _____
CASING ELEVATION (ft/msl): _____
DEPTH TO WATER (ft): _____
WATER ELEVATION (ft/msl): _____
WELL DEPTH (ft): _____
CALCULATED PURGE VOLUME (gal): _____
WELL INTEGRITY: _____

LANDFILL GAS					
	CH ₄	CO ₂	O ₂	BAL.	PRES.
S					
M					
D					

FIELD MEASUREMENTS										
PURGE START:			PURGE END:				SAMPLE TIME:			
TIME	VOLUME <input type="checkbox"/> (ml) <input type="checkbox"/> (g)	TEMP (°C)	E.C. (mS/cm)	DO (mg/L)	Ph (units)	ORP (mV)	TURBIDITY (NTU)	WATER ELEVATION	ODOR	COLOR

PURGE:
PURGE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD

BLADDER PUMP CONTROLLER SETTING:
REFILL: _____ @ _____ psi
DISCHARGE: _____ @ _____ psi
TOTAL PURGE TIME (min.): _____
TOTAL PURGE VOLUME (gal): _____
PURGE RATE (ml gal/min.): _____

REPAIR NEEDED: PUMP BLADDER TUBING OTHER

REMARK: _____

Blind Duplicates

SAMPLE:
SAMPLE PUMP/METHOD: BLADDER BAILER
 SUBMERSIBLE OTHER
 DEDICATED FIELD

BLADDER PUMP CONTROLLER SETTING:
REFILL: _____ @ _____ psi
DISCHARGE: _____ @ _____ psi
AIR TEMPERATURE (°F): 50
WEATHER: SUNNY CLOUDY WINDY BREEZY
 RAIN OTHER _____

SIGNATURE: [Signature] TITLE: SWIE

APPENDIX B
Groundwater Laboratory Analytical Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Kasey Kolassa
County of Santa Cruz
701 Ocean Street
Room 410
Santa Cruz, California 95060-4013

Generated 3/22/2023 4:06:04 PM

JOB DESCRIPTION

Roy Wilson Yard Groundwater

JOB NUMBER

570-130296-1

DRAFT

Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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3/22/2023 4:06:04 PM

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DRAFT

Definitions/Glossary

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
me	LCS Recovery is within Marginal Exceedance (ME) control limit range (± 4 SD from the mean).

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Job ID: 570-130296-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative 570-130296-1

Comments

No additional comments.

Receipt

The samples were received on 3/8/2023 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-310895. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-310895: 1,2-Dichloroethane. This is not indicative of a systematic control problem because this was random marginal exceedances. Qualified results have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 570-311080 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

Method 8015B: Surrogate recovery for the following sample was outside control limits: RWYGMMW03 (570-130296-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-311587. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Client Sample ID: RWYGWMW02

Lab Sample ID: 570-130296-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	3.0	*+	0.50	ug/L	1		8260B	Total/NA
Benzene	0.77		0.50	ug/L	1		8260B	Total/NA

Client Sample ID: RWYGWMW03

Lab Sample ID: 570-130296-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	81		1.0	ug/L	2		8260B	Total/NA
Ethylbenzene	220		2.0	ug/L	2		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	14		2.0	ug/L	2		8260B	Total/NA
o-Xylene	6.3		2.0	ug/L	2		8260B	Total/NA
m,p-Xylene	41		4.0	ug/L	2		8260B	Total/NA
Toluene	12		2.0	ug/L	2		8260B	Total/NA
Xylenes, Total	47		4.0	ug/L	2		8260B	Total/NA
Gasoline Range Organics (C4-C13)	9900		50	ug/L	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	9500		48	ug/L	1		8015B	Total/NA

Client Sample ID: RWYGWMW07

Lab Sample ID: 570-130296-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1300		5.0	ug/L	10		8260B	Total/NA
Ethylbenzene	300		10	ug/L	10		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	35		10	ug/L	10		8260B	Total/NA
o-Xylene	110		10	ug/L	10		8260B	Total/NA
m,p-Xylene	240		20	ug/L	10		8260B	Total/NA
Toluene	320		10	ug/L	10		8260B	Total/NA
Xylenes, Total	350		20	ug/L	10		8260B	Total/NA
Gasoline Range Organics (C4-C13)	7300		50	ug/L	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	2000		51	ug/L	1		8015B	Total/NA

Client Sample ID: QCDUP

Lab Sample ID: 570-130296-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	2.6		0.50	ug/L	1		8260B	Total/NA
Benzene	0.71		0.50	ug/L	1		8260B	Total/NA

Client Sample ID: QCTB

Lab Sample ID: 570-130296-5

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: RWYGWMW02

Date Collected: 03/07/23 12:12

Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-1

Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			03/12/23 11:46	1
1,2-Dichloroethane	3.0	+	0.50	ug/L			03/12/23 11:46	1
Benzene	0.77		0.50	ug/L			03/12/23 11:46	1
Ethylbenzene	ND		1.0	ug/L			03/12/23 11:46	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	ug/L			03/12/23 11:46	1
o-Xylene	ND		1.0	ug/L			03/12/23 11:46	1
m,p-Xylene	ND		2.0	ug/L			03/12/23 11:46	1
Toluene	ND		1.0	ug/L			03/12/23 11:46	1
Xylenes, Total	ND		2.0	ug/L			03/12/23 11:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 123				03/12/23 11:46	1
4-Bromofluorobenzene (Surr)	101		80 - 120				03/12/23 11:46	1
Dibromofluoromethane (Surr)	103		78 - 120				03/12/23 11:46	1
Toluene-d8 (Surr)	101		80 - 120				03/12/23 11:46	1

Client Sample ID: RWYGWMW03

Date Collected: 03/07/23 10:05

Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-2

Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		2.0	ug/L			03/12/23 14:14	2
1,2-Dichloroethane	ND	+	1.0	ug/L			03/12/23 14:14	2
Benzene	81		1.0	ug/L			03/12/23 14:14	2
Ethylbenzene	220		2.0	ug/L			03/12/23 14:14	2
Methyl-t-Butyl Ether (MTBE)	14		2.0	ug/L			03/12/23 14:14	2
o-Xylene	6.3		2.0	ug/L			03/12/23 14:14	2
m,p-Xylene	41		4.0	ug/L			03/12/23 14:14	2
Toluene	12		2.0	ug/L			03/12/23 14:14	2
Xylenes, Total	47		4.0	ug/L			03/12/23 14:14	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 123				03/12/23 14:14	2
4-Bromofluorobenzene (Surr)	109		80 - 120				03/12/23 14:14	2
Dibromofluoromethane (Surr)	103		78 - 120				03/12/23 14:14	2
Toluene-d8 (Surr)	100		80 - 120				03/12/23 14:14	2

Client Sample ID: RWYGWMW07

Date Collected: 03/07/23 12:28

Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-3

Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		10	ug/L			03/12/23 14:35	10
1,2-Dichloroethane	ND	+	5.0	ug/L			03/12/23 14:35	10
Benzene	1300		5.0	ug/L			03/12/23 14:35	10
Ethylbenzene	300		10	ug/L			03/12/23 14:35	10
Methyl-t-Butyl Ether (MTBE)	35		10	ug/L			03/12/23 14:35	10
o-Xylene	110		10	ug/L			03/12/23 14:35	10
m,p-Xylene	240		20	ug/L			03/12/23 14:35	10
Toluene	320		10	ug/L			03/12/23 14:35	10
Xylenes, Total	350		20	ug/L			03/12/23 14:35	10

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Client Sample Results

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 123		03/12/23 14:35	10
4-Bromofluorobenzene (Surr)	103		80 - 120		03/12/23 14:35	10
Dibromofluoromethane (Surr)	101		78 - 120		03/12/23 14:35	10
Toluene-d8 (Surr)	99		80 - 120		03/12/23 14:35	10

Client Sample ID: QCDUP
Date Collected: 03/07/23 00:00
Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-4
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			03/13/23 16:03	1
1,2-Dichloroethane	2.6		0.50	ug/L			03/13/23 16:03	1
Benzene	0.71		0.50	ug/L			03/13/23 16:03	1
Ethylbenzene	ND		1.0	ug/L			03/13/23 16:03	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	ug/L			03/13/23 16:03	1
o-Xylene	ND		1.0	ug/L			03/13/23 16:03	1
m,p-Xylene	ND		2.0	ug/L			03/13/23 16:03	1
Toluene	ND		1.0	ug/L			03/13/23 16:03	1
Xylenes, Total	ND		2.0	ug/L			03/13/23 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 123		03/13/23 16:03	1
4-Bromofluorobenzene (Surr)	100		80 - 120		03/13/23 16:03	1
Dibromofluoromethane (Surr)	103		78 - 120		03/13/23 16:03	1
Toluene-d8 (Surr)	102		80 - 120		03/13/23 16:03	1

Client Sample ID: QCTB
Date Collected: 03/07/23 07:30
Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-5
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			03/12/23 11:25	1
1,2-Dichloroethane	ND	*+	0.50	ug/L			03/12/23 11:25	1
Benzene	ND		0.50	ug/L			03/12/23 11:25	1
Ethylbenzene	ND		1.0	ug/L			03/12/23 11:25	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	ug/L			03/12/23 11:25	1
o-Xylene	ND		1.0	ug/L			03/12/23 11:25	1
m,p-Xylene	ND		2.0	ug/L			03/12/23 11:25	1
Toluene	ND		1.0	ug/L			03/12/23 11:25	1
Xylenes, Total	ND		2.0	ug/L			03/12/23 11:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 123		03/12/23 11:25	1
4-Bromofluorobenzene (Surr)	99		80 - 120		03/12/23 11:25	1
Dibromofluoromethane (Surr)	104		78 - 120		03/12/23 11:25	1
Toluene-d8 (Surr)	98		80 - 120		03/12/23 11:25	1

Client Sample Results

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: RWYGWMW02
Date Collected: 03/07/23 12:12
Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-1
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C13)	ND		50	ug/L			03/15/23 02:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		20 - 144				03/15/23 02:17	1

Client Sample ID: RWYGWMW03
Date Collected: 03/07/23 10:05
Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-2
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C13)	9900		50	ug/L			03/15/23 02:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	238	S1+	20 - 144				03/15/23 02:41	1

Client Sample ID: RWYGWMW07
Date Collected: 03/07/23 12:28
Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-3
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C13)	7300		50	ug/L			03/15/23 03:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143		20 - 144				03/15/23 03:04	1

Client Sample ID: QCDUP
Date Collected: 03/07/23 00:00
Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-4
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C13)	ND		50	ug/L			03/15/23 03:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		20 - 144				03/15/23 03:28	1

Client Sample ID: QCTB
Date Collected: 03/07/23 07:30
Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-5
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C13)	ND		50	ug/L			03/15/23 05:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		20 - 144				03/15/23 05:26	1

Client Sample Results

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: RWYGWMW02

Date Collected: 03/07/23 12:12

Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-1

Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		49	ug/L		03/14/23 19:48	03/20/23 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	103		53 - 151			03/14/23 19:48	03/20/23 16:47	1

Client Sample ID: RWYGWMW03

Date Collected: 03/07/23 10:05

Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-2

Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	9500		48	ug/L		03/14/23 19:48	03/20/23 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	115		53 - 151			03/14/23 19:48	03/20/23 17:09	1

Client Sample ID: RWYGWMW07

Date Collected: 03/07/23 12:28

Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-3

Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2000		51	ug/L		03/14/23 19:48	03/20/23 17:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	106		53 - 151			03/14/23 19:48	03/20/23 17:30	1

Surrogate Summary

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-123)	BFB (80-120)	DBFM (78-120)	TOL (80-120)
570-130296-1	RWYGWMW02	117	101	103	101
570-130296-2	RWYGWMW03	114	109	103	100
570-130296-3	RWYGWMW07	110	103	101	99
570-130296-4	QCDUP	105	100	103	102
570-130296-5	QCTB	114	99	104	98
LCS 570-310895/4	Lab Control Sample	116	106	104	100
LCS 570-311080/4	Lab Control Sample	106	103	102	102
LCSD 570-310895/5	Lab Control Sample Dup	117	106	104	99
LCSD 570-311080/5	Lab Control Sample Dup	106	99	103	102
MB 570-310895/8	Method Blank	113	101	101	99
MB 570-311080/7	Method Blank	105	101	103	103

Surrogate Legend
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		BFB1 (20-144)
570-130296-1	RWYGWMW02	96
570-130296-2	RWYGWMW03	238 S1+
570-130296-3	RWYGWMW07	143
570-130296-4	QCDUP	99
570-130296-5	QCTB	94
LCS 570-311554/30	Lab Control Sample	107
LCSD 570-311554/31	Lab Control Sample Dup	104
MB 570-311554/32	Method Blank	89

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1 (53-151)
570-130296-1	RWYGWMW02	103
570-130296-2	RWYGWMW03	115
570-130296-3	RWYGWMW07	106
LCS 570-311587/2-A	Lab Control Sample	105
LCSD 570-311587/3-A	Lab Control Sample Dup	102
MB 570-311587/1-A	Method Blank	110

Surrogate Legend
OTCSN = n-Octacosane (Surr)

QC Sample Results

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-310895/8
Matrix: Water
Analysis Batch: 310895

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			03/12/23 11:04	1
1,2-Dichloroethane	ND		0.50	ug/L			03/12/23 11:04	1
Benzene	ND		0.50	ug/L			03/12/23 11:04	1
Ethylbenzene	ND		1.0	ug/L			03/12/23 11:04	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	ug/L			03/12/23 11:04	1
o-Xylene	ND		1.0	ug/L			03/12/23 11:04	1
m,p-Xylene	ND		2.0	ug/L			03/12/23 11:04	1
Toluene	ND		1.0	ug/L			03/12/23 11:04	1
Xylenes, Total	ND		2.0	ug/L			03/12/23 11:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 123		03/12/23 11:04	1
4-Bromofluorobenzene (Surr)	101		80 - 120		03/12/23 11:04	1
Dibromofluoromethane (Surr)	101		78 - 120		03/12/23 11:04	1
Toluene-d8 (Surr)	99		80 - 120		03/12/23 11:04	1

Lab Sample ID: LCS 570-310895/4
Matrix: Water
Analysis Batch: 310895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	20.0	23.05		ug/L		115	80 - 120
1,2-Dichloroethane	20.0	24.36		ug/L		122	77 - 122
Benzene	20.0	19.93		ug/L		100	80 - 121
Ethylbenzene	20.0	21.80		ug/L		109	80 - 121
Methyl-t-Butyl Ether (MTBE)	20.0	21.59		ug/L		108	78 - 123
o-Xylene	20.0	21.47		ug/L		107	80 - 122
m,p-Xylene	40.0	42.93		ug/L		107	80 - 123
Toluene	20.0	20.94		ug/L		105	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 123
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	104		78 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 570-310895/5
Matrix: Water
Analysis Batch: 310895

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	20.0	23.29		ug/L		116	80 - 120	1	20
1,2-Dichloroethane	20.0	24.66	*+ me	ug/L		123	77 - 122	1	20
Benzene	20.0	20.64		ug/L		103	80 - 121	3	20
Ethylbenzene	20.0	21.99		ug/L		110	80 - 121	1	20
Methyl-t-Butyl Ether (MTBE)	20.0	21.50		ug/L		108	78 - 123	0	20
o-Xylene	20.0	20.95		ug/L		105	80 - 122	2	20
m,p-Xylene	40.0	44.36		ug/L		111	80 - 123	3	20

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QC Sample Results

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-310895/5
Matrix: Water
Analysis Batch: 310895

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	20.0	20.79		ug/L		104	80 - 120	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	117		70 - 123						
4-Bromofluorobenzene (Surr)	106		80 - 120						
Dibromofluoromethane (Surr)	104		78 - 120						
Toluene-d8 (Surr)	99		80 - 120						

Lab Sample ID: MB 570-311080/7
Matrix: Water
Analysis Batch: 311080

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			03/13/23 15:43	1
1,2-Dichloroethane	ND		0.50	ug/L			03/13/23 15:43	1
Benzene	ND		0.50	ug/L			03/13/23 15:43	1
Ethylbenzene	ND		1.0	ug/L			03/13/23 15:43	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	ug/L			03/13/23 15:43	1
o-Xylene	ND		1.0	ug/L			03/13/23 15:43	1
m,p-Xylene	ND		2.0	ug/L			03/13/23 15:43	1
Toluene	ND		1.0	ug/L			03/13/23 15:43	1
Xylenes, Total	ND		2.0	ug/L			03/13/23 15:43	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 123				03/13/23 15:43	1
4-Bromofluorobenzene (Surr)	101		80 - 120				03/13/23 15:43	1
Dibromofluoromethane (Surr)	103		78 - 120				03/13/23 15:43	1
Toluene-d8 (Surr)	103		80 - 120				03/13/23 15:43	1

Lab Sample ID: LCS 570-311080/4
Matrix: Water
Analysis Batch: 311080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	20.0	21.43		ug/L		107	80 - 120
1,2-Dichloroethane	20.0	21.26		ug/L		106	77 - 122
Benzene	20.0	20.78		ug/L		104	80 - 121
Ethylbenzene	20.0	21.39		ug/L		107	80 - 121
Methyl-t-Butyl Ether (MTBE)	20.0	22.45		ug/L		112	78 - 123
o-Xylene	20.0	21.28		ug/L		106	80 - 122
m,p-Xylene	40.0	43.21		ug/L		108	80 - 123
Toluene	20.0	21.10		ug/L		105	80 - 120
Surrogate	%Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	106		70 - 123				
4-Bromofluorobenzene (Surr)	103		80 - 120				
Dibromofluoromethane (Surr)	102		78 - 120				
Toluene-d8 (Surr)	102		80 - 120				

QC Sample Results

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCSD 570-311080/5
Matrix: Water
Analysis Batch: 311080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	20.0	21.30		ug/L		107	80 - 120	1	20
1,2-Dichloroethane	20.0	22.14		ug/L		111	77 - 122	4	20
Benzene	20.0	21.54		ug/L		108	80 - 121	4	20
Ethylbenzene	20.0	22.32		ug/L		112	80 - 121	4	20
Methyl-t-Butyl Ether (MTBE)	20.0	23.25		ug/L		116	78 - 123	4	20
o-Xylene	20.0	22.10		ug/L		111	80 - 122	4	20
m,p-Xylene	40.0	44.43		ug/L		111	80 - 123	3	20
Toluene	20.0	21.51		ug/L		108	80 - 120	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 123
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	103		78 - 120
Toluene-d8 (Surr)	102		80 - 120

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-311554/32
Matrix: Water
Analysis Batch: 311554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C13)	ND		50	ug/L			03/14/23 23:33	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		20 - 144		03/14/23 23:33	1

Lab Sample ID: LCS 570-311554/30
Matrix: Water
Analysis Batch: 311554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	1920	2151		ug/L		112	71 - 120

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
4-Bromofluorobenzene (Surr)	107		20 - 144

Lab Sample ID: LCSD 570-311554/31
Matrix: Water
Analysis Batch: 311554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	1920	2097		ug/L		109	71 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	104		20 - 144

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QC Sample Results

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-311587/1-A
Matrix: Water
Analysis Batch: 311739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311587

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	ug/L		03/14/23 19:48	03/15/23 20:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	110		53 - 151			03/14/23 19:48	03/15/23 20:57	1

Lab Sample ID: LCS 570-311587/2-A
Matrix: Water
Analysis Batch: 311739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311587

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	4000	4074		ug/L		102	65 - 129
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane (Surr)	105		53 - 151				

Lab Sample ID: LCSD 570-311587/3-A
Matrix: Water
Analysis Batch: 311739

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311587

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	4000	3888		ug/L		97	65 - 129	5	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	102		53 - 151						

QC Association Summary

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

GC/MS VOA

Analysis Batch: 310895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-130296-1	RWYGWMW02	Total/NA	Water	8260B	
570-130296-2	RWYGWMW03	Total/NA	Water	8260B	
570-130296-3	RWYGWMW07	Total/NA	Water	8260B	
570-130296-5	QCTB	Total/NA	Water	8260B	
MB 570-310895/8	Method Blank	Total/NA	Water	8260B	
LCS 570-310895/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-310895/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 311080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-130296-4	QCDUP	Total/NA	Water	8260B	
MB 570-311080/7	Method Blank	Total/NA	Water	8260B	
LCS 570-311080/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-311080/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 311554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-130296-1	RWYGWMW02	Total/NA	Water	8015B	
570-130296-2	RWYGWMW03	Total/NA	Water	8015B	
570-130296-3	RWYGWMW07	Total/NA	Water	8015B	
570-130296-4	QCDUP	Total/NA	Water	8015B	
570-130296-5	QCTB	Total/NA	Water	8015B	
MB 570-311554/32	Method Blank	Total/NA	Water	8015B	
LCS 570-311554/30	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-311554/31	Lab Control Sample Dup	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 311587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-130296-1	RWYGWMW02	Total/NA	Water	3510C	
570-130296-2	RWYGWMW03	Total/NA	Water	3510C	
570-130296-3	RWYGWMW07	Total/NA	Water	3510C	
MB 570-311587/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-311587/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-311587/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 311739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-311587/1-A	Method Blank	Total/NA	Water	8015B	311587
LCS 570-311587/2-A	Lab Control Sample	Total/NA	Water	8015B	311587
LCSD 570-311587/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	311587

Analysis Batch: 312998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-130296-1	RWYGWMW02	Total/NA	Water	8015B	311587
570-130296-2	RWYGWMW03	Total/NA	Water	8015B	311587
570-130296-3	RWYGWMW07	Total/NA	Water	8015B	311587

Lab Chronicle

Client: County of Santa Cruz
 Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Client Sample ID: RWYGWMW02

Lab Sample ID: 570-130296-1

Date Collected: 03/07/23 12:12

Matrix: Water

Date Received: 03/08/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	310895	03/12/23 11:46	N1A	EET CAL 4
Instrument ID: GCMSZ										
Total/NA	Analysis	8015B		1	5 mL	5 mL	311554	03/15/23 02:17	A9VE	EET CAL 4
Instrument ID: GC1										
Total/NA	Prep	3510C			254.8 mL	2.5 mL	311587	03/14/23 19:48	UFLU	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	312998	03/20/23 16:47	SP9M	EET CAL 4
Instrument ID: GC48										

Client Sample ID: RWYGWMW03

Lab Sample ID: 570-130296-2

Date Collected: 03/07/23 10:05

Matrix: Water

Date Received: 03/08/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	5 mL	5 mL	310895	03/12/23 14:14	N1A	EET CAL 4
Instrument ID: GCMSZ										
Total/NA	Analysis	8015B		1	5 mL	5 mL	311554	03/15/23 02:41	A9VE	EET CAL 4
Instrument ID: GC1										
Total/NA	Prep	3510C			258.5 mL	2.5 mL	311587	03/14/23 19:48	UFLU	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	312998	03/20/23 17:09	SP9M	EET CAL 4
Instrument ID: GC48										

Client Sample ID: RWYGWMW07

Lab Sample ID: 570-130296-3

Date Collected: 03/07/23 12:28

Matrix: Water

Date Received: 03/08/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	310895	03/12/23 14:35	N1A	EET CAL 4
Instrument ID: GCMSZ										
Total/NA	Analysis	8015B		1	5 mL	5 mL	311554	03/15/23 03:04	A9VE	EET CAL 4
Instrument ID: GC1										
Total/NA	Prep	3510C			246.2 mL	2.5 mL	311587	03/14/23 19:48	UFLU	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	312998	03/20/23 17:30	SP9M	EET CAL 4
Instrument ID: GC48										

Client Sample ID: QCDUP

Lab Sample ID: 570-130296-4

Date Collected: 03/07/23 00:00

Matrix: Water

Date Received: 03/08/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	311080	03/13/23 16:03	OH1	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Analysis	8015B		1	5 mL	5 mL	311554	03/15/23 03:28	A9VE	EET CAL 4
Instrument ID: GC1										

Lab Chronicle

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Client Sample ID: QCTB
Date Collected: 03/07/23 07:30
Date Received: 03/08/23 10:00

Lab Sample ID: 570-130296-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B Instrument ID: GCMSZ		1	5 mL	5 mL	310895	03/12/23 11:25	N1A	EET CAL 4
Total/NA	Analysis	8015B Instrument ID: GC1		1	5 mL	5 mL	311554	03/15/23 05:26	A9VE	EET CAL 4

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

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Accreditation/Certification Summary

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24
Oregon	NELAP	4175	02-02-24

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Method Summary

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

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Sample Summary

Client: County of Santa Cruz
Project/Site: Roy Wilson Yard Groundwater

Job ID: 570-130296-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-130296-1	RWYGWMW02	Water	03/07/23 12:12	03/08/23 10:00
570-130296-2	RWYGWMW03	Water	03/07/23 10:05	03/08/23 10:00
570-130296-3	RWYGWMW07	Water	03/07/23 12:28	03/08/23 10:00
570-130296-4	QCDUP	Water	03/07/23 00:00	03/08/23 10:00
570-130296-5	QCTB	Water	03/07/23 07:30	03/08/23 10:00

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
 For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE: 3 / 7 / 23
 PAGE: 1 OF 1

LABORATORY CLIENT: COUNTY OF SANA CRUZ, DEPARTMENT OF PUBLIC WORKS		CLIENT PROJECT NAME / NUMBER: Roy Wilson Yard Groundwater		P.O. NO.:
ADDRESS: 701 Ocean Street, Room 410		PROJECT CONTACT: Brian Fontes		SAMPLER(S): (PRINT) Chris Lin, Merve Avalos
CITY: Santa Cruz	STATE: CA	ZIP: 95060		
TEL: (831) 454-2160	E-MAIL: Brian.Fontes@santacruzcounty.us			

REQUESTED ANALYSES

Loc: 570
130296

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

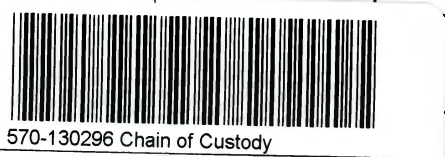
COELT EDF

GLOBAL ID:
 L10008111979 (Buena Vista Landfill)
 L10009318484 (Ben Lomond Landfill)
 T0608700100 (Roy Wilson Yard)

LOG CODE:

SPECIAL INSTRUCTIONS:
 EUROFINS PROJECT #: 57004475

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	BTEX, EDB, 1,2-DCA & MTBE by 8260B; TPHg (Gasoline) by 8015M; 40 ml VOA Vials (HCl)	TPHd (Diesel) by 8015M; 500 ml Amber (non-preserved)														
		DATE	TIME																		
1	RWYGMMW02	3/7/23	1212	H ₂ O	6	5	X														
2	RWYGMMW03		1005	H ₂ O	6	5	X														
3	RWYGMMW07		1228	H ₂ O	6	5	X														
4	QCDUP			H ₂ O	5	5															
5	QCTB		0730	H ₂ O	2	2															
Preservation Used: 1= Ice; 2= HCl; 3=H ₂ SO ₄ ; 4= HNO ₃ ; 5= Ultra HNO ₃						1,2	1														



Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) County of Santa Cruz FedEx	Date: 03/07/23	Time: 1500
Relinquished by: (Signature)	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: 3/8/23	Time: 1000
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:



Login Sample Receipt Checklist

Client: County of Santa Cruz

Job Number: 570-130296-1

Login Number: 130296

List Number: 1

Creator: Luu, Sheila

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Water Quality Report 2022



Why Do We Test Our Drinking Water?

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- ◆ **Microbial contaminants**, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- ◆ **Inorganic contaminants**, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- ◆ **Pesticides and herbicides**, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- ◆ **Organic chemical contaminants**, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- ◆ **Radioactive contaminants**, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).



The City of Watsonville is proud to report that the water provided by our Utilities Department met all Federal and State Standards for drinking water during 2022.

Information for People with Special Health Concerns

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791). Remember, the City's water met all Federal and State standards for drinking water during 2022.

Cryptosporidium is a microbial pathogen found in surface water throughout the U.S. Our 2016 monitoring indicated the

presence of *Cryptosporidium* in our source water. The City of Watsonville's treatment plant removes *Cryptosporidium* through effective filtration. Current test methods do not allow us to determine if the organisms are dead or if they are capable of causing disease. Ingestion of *Cryptosporidium* may cause cryptosporidiosis, an abdominal infection. Symptoms of infection include nausea, diarrhea, and abdominal cramps. Most healthy individuals can overcome the disease within a few weeks. However, immuno-compromised people, infants and small children, and the elderly are at greater risk of developing life-threatening illness. We encourage immuno-compromised individuals to consult their doctor regarding appropriate precautions to take to avoid infection. *Cryptosporidium* must be ingested to cause disease, and it may be spread through means other than drinking water.

2022 WATER QUALITY INFORMATION

This table lists only the substances detected, out of the more than 4,000 water quality analyses conducted during 2022.

Arsenic. While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The USEPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Lead. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Watsonville is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Nitrate: Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than 6 months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies.

If you are caring for an infant, or if you are pregnant, you should ask advice from your health care provider. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity.

Terms & Abbreviations Used in Table:

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standard (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements.

Regulatory Action Level (AL): The concentration of a contaminant which, when exceeded, triggers treatment or other requirements that a water system must follow.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

NA: not applicable

ND: not detectable at testing limit

ppb: parts per billion or micrograms per liter

ppm: parts per million or milligrams per liter

ppt: parts per trillion or nanograms per liter

pCi/l: picocuries per liter (a measure of radiation)

Source Water Assessment

The Source Water Assessment is a tool to help us protect our water supplies by identifying *potential* sources of contamination. It is **important to note that the City is in compliance with all State water quality regulations.** An assessment of the City's drinking water was completed in March 2013. Our sources are considered most vulnerable to the following activities associated with nitrate detected in the water supply: agricultural drainage channels, fertilizer and pesticide application to irrigated crops. In addition, the sources are considered most vulnerable to gas stations, known contaminant plumes from historical leaking fuel tanks, utility stations, septic systems, and recreational areas.

The City works closely with State agencies to ensure the proper and rapid cleanup of potential contaminant sources, such as leaking underground fuel tank sites, and our program has effectively protected the City water supply. A copy of the complete assessment is available for viewing at the City's Main Library, located at 275 Main Street. A summary of the assessment can be mailed upon request by calling Beau Kayser at 768-3193.

Footnotes to Table

1. The limit of 1,300 ppb for copper & 15 ppb for lead is at the 90th percentile of data after ranking. 37 sites were sampled in 2022. Sites are sampled every three years. Nearly all lead and copper comes from corrosion of home plumbing.
2. The State allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.
3. Compliance based on presence of coliform bacteria in less than 5% of distribution samples collected in a month.
4. Total trihalomethanes is the sum of chloroform, bromodichloromethane, dibromochloromethane and bromoform.
5. Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system. Turbidity is measured in NTUs (nephelometric turbidity units).
6. Treatment Technique performance standard: 0.5 NTU for filtered water in 95% of measurements taken each month and shall not exceed 5.0 NTU at any time.
7. Treatment Technique performance standard: 5.0 NTU for unfiltered water at any time.
8. Divide by 17.12 to convert ppm to grain/gallon as CaCO₃.

Primary Drinking Water Standards / Normas primarias del agua potable

Substance (units) Sustancia (unidad)	Highest Level Allowed: MCL <i>NMC</i>	Ideal Goals: PHG or (MCLG) <i>MSP</i> o (MMNC)	Treated Surface Water <i>Agua de la superficie</i>		Treated Ground-water ² <i>Agua subterránea ²</i>		Violation? ¿violación?	Major Sources Origen
			Range Límites	Average Promedio	Range Límites	Average Promedio		
Aluminum (ppb) Aluminio (ppb)	1000	600	ND	ND	ND-30	2.1	No	Erosion of deposits of naturally occurring minerals <i>La erosión de depósitos de minerales radioactivas naturales</i>
Arsenic (ppb) Arsénico (ppb)	10	0.004	ND-1.2	0.6	ND-6.6	0.5	No	Naturally occurring mineral <i>Mineral natural</i>
Barium (ppb) Bario (ppb)	1000	2000	38-62	50	4-78	38	No	Erosion of deposits of naturally occurring minerals <i>La erosión de depósitos de minerales radioactivas naturales</i>
Chlorine (ppm) Cloro (ppm)	MRDL =4	MRDLG =4	Average= 0.62, Range = 0.22-0.88 <i>Promedio = 0.62, margen = 0.22-0.88</i>				No	Drinking water disinfectant <i>Desinfectante de agua</i>
Chromium (ppb) Cromo (ppb)	50	100	ND	ND	ND-19	8.7	No	Naturally occurring mineral; Chrome plating <i>Cromodo; Mineral natural</i>
Total Coliform ³ (% positive) Coliforme total ³ (% positivas)	5%	(0)	Highest Monthly % Positive Samples=1.3% <i>Promedio mensual positivo más alto=1.3%</i>				No	Naturally present in the environment <i>Existe naturalmente</i>
Copper in tap water (ppb) ¹ Cobre en agua potable (ppb) ¹	AL=1,300 ¹	170	90 th percentile=910 ppb; 3 sites exceeded the AL <i>90º percentil=910 ppb; 3 sitios excedieron el NAR</i>				No	Corrosion of household plumbing <i>Oxidación de la plomería del hogar</i>
Fluoride (ppb) Fluoruro (ppb)	2,000	1,000	200-230	215	70-250	173	No	Naturally occurring mineral <i>Mineral natural</i>
Haloacetic Acids (ppb) Ácidos haloacéticos (ppb)	60	NA	Highest Average = 3.6, Range = 1.3-3.8 <i>Promedio más alto = 3.6, margen = 1.3-3.8</i>				No	By-product of drinking water chlorination <i>Producto secundario del proceso de cloración</i>
Lead in tap water (ppb) ¹ Plomo en agua potable (ppb) ¹	AL=15 ¹	0.2	90 th percentile=2.0 ppb; 0 sites exceeded the AL <i>90º percentil=<2.0 ppb; 0 sitios excedieron el NAR</i>				No	Corrosion of household plumbing <i>Oxidación de la plomería del hogar</i>
Nickel (ppb) Niquel (ppb)	100	12	ND	ND	ND-12	1.8	No	Erosion of deposits of naturally occurring minerals <i>La erosión de depósitos de minerales radioactivas naturales</i>
Nitrate (ppm as N) Nitrato (ppm como N)	10	10	0.11-0.21	0.16	ND-3.5	1.2	No	Runoff/leaching from fertilizer/septic <i>Escurrimiento/la lixiviación por el fertilizante/séptico</i>
Total Trihalomethanes ⁴ (ppb) Trihalometano Total ⁴ (ppb)	80	NA	Highest Average = 8.6, Range = 1.9-16.0 <i>Promedio más alto = 8.6, margen = 1.9-16.0</i>				No	By-product of drinking water chlorination <i>Producto secundario del proceso de cloración</i>
1,1,2-Trichloro-1,2,2-trifluoroethane (ppm) 1,1,2-Trichloro-1,2,2-trifluoroetano (ppm)	1.2	4	ND	ND	ND-0.0019	0.0001	No	Discharge from metal degreasing sites and other factories; refrigerant; dry-cleaning solvent <i>Descarga de sitios de desengrasado de metales y otras fábricas; disolvente de limpieza en seco; refrigerante</i>
Turbidity (NTU) ⁵ Turbidez (NTU) ⁵	TT=0.5 ⁶ TT=5.0 ⁷	NA	Not subject to monitoring <i>No esta sujeto a la observación</i>		Not subject to monitoring <i>No esta sujeto a la observación</i>		No	Eroded soil in water runoff <i>Tierra que se va con la lluvia</i>

Secondary (Non-Health Related) Drinking Water Standards - Aesthetic Qualities that can Affect Taste, Odor & Color ² Secundaria (no relación con la salud) Normas de agua potable - Calidades estéticas que puedan afectar el sabor, olor y color del agua ²

Chloride (ppm) Cloruro (ppm)	500	NA	15-25	20	12-460	55	No	Naturally occurring mineral <i>Mineral natural</i>
Color (Units) Color (unidades)	15	NA	6-16	9.5	1-3	1.4	No	Naturally occurring organic materials <i>Materiales organicos naturales</i>
Conductivity (umhos) Conductividad (umhos)	1,600	NA	550-590	570	410-1800	650	No	Naturally occurring mineral <i>Mineral natural</i>
Dissolved Solids (ppm) Sólidos disueltos (ppm)	1,000	NA	340-350	345	240-960	380	No	Naturally occurring mineral <i>Mineral natural</i>
Hardness (ppm) ⁸ Agua dura (ppm) ⁸	No limit No límite	NA	230-240	235	190-500	260	No	Naturally occurring mineral <i>Mineral natural</i>
Iron (ppb) Hierro (ppb)	300	NA	55-72	64	ND-230	38	No	Naturally occurring mineral <i>Mineral natural</i>
Manganese (ppb) Manganeso (ppb)	50	NA	9.4-19	14	ND-51	4.3	No	Naturally occurring mineral <i>Mineral natural</i>
Sodium (ppm) Sodio (ppm)	No Limit No límite	NA	26-38	32	13-140	35	No	Naturally occurring mineral <i>Mineral natural</i>
Sulfate (ppm) Sulfato (ppm)	500	NA	57-62	60	14-92	55	No	Naturally occurring mineral <i>Mineral natural</i>
Zinc (ppm) Zinc (ppm)	5	-	ND	ND	ND-0.03	<0.02	No	Naturally occurring mineral <i>Mineral natural</i>

Ciudad de Watsonville

Reporte de la calidad del agua del 2022



La Ciudad de Watsonville está orgullosa de informarle que el agua suministrada por nuestro Departamento de Utilidades cumplió con todas las normas federales y estatales para el agua potable durante 2022.

Información para Personas con Problemas de Salud

Algunas personas pueden ser más susceptibles a los contaminantes en el agua potable que la población en general. Por ejemplo, las más susceptibles a infecciones son aquellas con un sistema inmune delicado, incluso las personas con cáncer y en tratamiento de quimioterapia, las personas que se les hizo un trasplante de un órgano, las personas con VIH o SIDA o algún otro problema médico del sistema inmune, algunas personas ancianas y bebés.

Estas personas deben consultar con su médico si tienen dudas. Usted puede obtener las normas para reducir el peligro de infección por *Cryptosporidium* u otros contaminantes microbianos de la USEPA y el Centro para el Control de Enfermedades (sus siglas en inglés CDC) llamando a la Línea Telefónica de Agua Potable al (800-426-4791). Recuerde que el agua de la Ciudad cumplió con todas las normas federales y estatales para el año 2022.

Criptosporidio es un germen microbiano encontrado en agua superficial por todo Estados Unidos. Nuestro monitoreo ha indicado la presencia de este organismo en la fuente de agua superficial. La planta de tratamiento de la ciudad de Watsonville remueve el criptosporidio a través de filtración efectiva. Métodos de prueba actuales no pueden detectar si el organismo está muerto o si es capaz de causar enfermedades. La ingestión de criptosporidio puede causar criptosporidiosis, una infección abdominal. Síntomas incluyen náuseas, diarrea, y dolor abdominal. Personas sanas pueden sobrepasar esta enfermedad en unas semanas. Pero, personas con un sistema inmune comprometido, infantes o niños pequeños, y personas de edad avanzada están con riesgo de desarrollar enfermedades que ponen en riesgo la vida. Es recomendado que personas con un sistema inmune comprometido consulten un doctor para aprender que medidas deben tomar para prevenir infecciones. El criptosporidio debe de ser ingerido para causar enfermedades, y puede ser difundido por otras medidas.

¿Por qué analizamos el agua potable?

Las fuentes de agua potable (tanto el agua corriente como el agua embotellada) incluyen ríos, lagos, arroyos, lagunas, reservorios, manantiales y pozos. Al correr el agua sobre la superficie de la tierra o por debajo del suelo, disuelve los minerales presentes naturalmente y puede arrastrar sustancias originadas por la presencia de animales o de la actividad humana. Los agentes contaminantes que pueden encontrarse en el agua antes del tratamiento de ésta, incluyen:

- ♦ **Agentes contaminantes microbianos**, como virus y bacterias, que pueden provenir de plantas depuradoras de aguas residuales, sistemas sépticos, operaciones agropecuarias, y fauna y flora silvestre.
- ♦ **Agentes contaminantes inorgánicos**, como sales y metales, que pueden estar presentes naturalmente o pueden surgir como consecuencia de la escorrentía pluvial de las zonas urbanas, descargas de aguas residuales industriales o domésticas, producción de petróleo y gas, y actividades de minería o agricultura.
- ♦ **Pesticidas y herbicidas**, que pueden provenir de diversas fuentes, por ejemplo, agricultura, escorrentía pluvial de las zonas urbanas y usos residenciales.
- ♦ **Agentes contaminantes químicos orgánicos**, incluidos productos químicos orgánicos sintéticos y volátiles, que son subproductos de procesos industriales y de la producción petrolera, y también pueden provenir de estaciones de servicio, escorrentía pluvial de las zonas urbanas, uso agrícola y sistemas sépticos.
- ♦ **Agentes contaminantes radiactivos**, que pueden estar presentes naturalmente o que pueden surgir como resultado de la producción de petróleo y gas, y actividades de minería.

Para garantizar que el agua corriente sea saludable para el consumo, la Agencia de Protección Ambiental de los EE. UU. (U.S. Environmental Protection Agency, USEPA) y el State Water Resources Control Board prescriben reglamentaciones que limitan la cantidad de ciertos agentes contaminantes en el agua suministrada por los sistemas públicos de abastecimiento de agua. Las regulaciones estatales también establecen límites para los agentes contaminantes del agua embotellada ya que deberán proveer el mismo nivel de protección a la salud pública.

Es razonable que el agua potable, incluso la embotellada, contenga por lo menos cantidades pequeñas de algunos contaminantes. La presencia de contaminantes no significa un peligro para la salud. Puede obtener más información tocante los contaminantes y los posibles efectos a la salud llamando a la Línea Telefónica de Agua Potable de la USEPA al (1-800-426-4791).

Información de la calidad del agua del 2022

Esta tabla enumera las sustancias detectadas de las más que 4,000 muestras que se efectuaron durante el año 2022.

Arsénico. Aunque el agua potable cumple con las normas federales y estatales de arsénico, ésta contiene niveles bajos de arsénico. Las normas buscan un equilibrio entre lo que se conoce hasta ahora sobre los efectos posibles del arsénico en la salud y los costos de remover el arsénico del agua potable. USEPA continúa con las investigaciones de los niveles bajos del arsénico en la salud, el cual es un mineral conocido como causante de cáncer en altas concentraciones y se vincula con otros efectos a la salud tales como daños a la piel y problemas circulatorios.

Plomo. Si está presente, el plomo en niveles elevados puede causar problemas serios a la salud, especialmente a mujeres embarazadas y niños pequeños. El plomo que se encuentra en el agua potable proviene de la tubería y plomería de su casa. La Ciudad de Watsonville es responsable por proveer agua potable de la más alta calidad, pero no puede controlar la variedad de materiales que se utilizan en la plomería. Si no habrá las llaves de su casa por varias horas, puede minimizar el riesgo de exponerse al plomo dejando correr el agua entre 30 segundos a 2 minutos antes de tomar o usar el agua para cocinar. Si está preocupado por el nivel de plomo en su agua puede hacer una prueba. Para información sobre el plomo en el agua potable, tipos de pruebas disponibles, y sugerencias en cómo minimizar su exposición hable a Safe Drinking Water Hotline (línea telefónica de agua potable segura) o visite el sitio <http://www.epa.gov/safewater/lead>.

Nitratos: El nitrato en el agua potable a un nivel de más de 10 mg/L es un riesgo para la salud en los niños menores de 6 meses de edad. Tales niveles de nitrato en el agua potable puede interferir con la capacidad de la sangre de portar el oxígeno, que resultaría que la piel se pusiera azul. Los niveles de nitrato de más de 10 mg/L pueden también afectar la habilidad de la sangre de portar el oxígeno en otros individuos, así como las mujeres embarazadas y aquellos con ciertas deficiencias de enzimas específicas. Si está cuidando a un niño o si esta embarazada, debe consultar su proveedor de cuidado de salud. Los niveles de nitrato pueden subir rápidamente por intervalos cortos de tiempo a causa de la lluvia o la actividad agrícola.

Términos y abreviaciones usadas en la tabla a la izquierda

Meta de la Salud Pública (MSP): El nivel más bajo de un contaminante en el agua potable bajo el cual no se conoce o se espera que haya peligro a la salud. El MSP se calcula por la Agencia de la Protección del Medio Ambiente de California.

Meta Máxima Del Nivel de Contaminación (MMNC): El nivel más bajo de un contaminante en el agua potable bajo el cual no se conoce o se espera que haya peligro a la salud. El MMNC es calculado por la Agencia de la Protección del Medio Ambiente.

Nivel Máximo de Contaminación (NMC): El nivel más alto de un contaminante que se permite en el agua potable. El NMC primario se establece lo más cerca de los MSP's (o MMNC's) como sea práctico económicamente y tecnológicamente. Los MCLs secundarios se establecieron para proteger el olor, sabor y apariencia del agua.

Nivel máximo de desinfectante residual (MRDL): El nivel más alto de desinfectante permitido en el agua potable. Existe evidencia que indica que es necesario añadir un desinfectante para el control de contaminantes microbianos.

Meta para nivel máximo de desinfectante residual (MRDLG): El nivel de desinfectante de agua potable por debajo de la cantidad que no se reconoce o se espera riesgo alguno para la salud. Los estándares de MRDLGs no reflejan los beneficios del uso de desinfectantes para el control de contaminantes microbianos.

Norma Primaria del Agua Potable (NPAP): NMC para los contaminantes que afectan la salud junto con los requisitos en materia de informes e inspecciones. **Nivel de Acción Reglamentaria (NAR):** La concentración de un contaminante, que cuando es excedida, causa que se efectúen tratamientos u otros requerimientos al sistema del agua.

Técnica de Tratamiento (TT): Un proceso que es requerido con el propósito de reducir el nivel de un contaminante en el agua potable.

NA: no es pertinente

ND: no es detectable

ppb: partes por mil millones o microgramos por litro

ppm: partes por millón o miligramos por litro

ppt: partes por trillón o nanogramos por litro

pCi/l: una medida de radiación

La Evaluación Fuentes del Agua

La Evaluación Fuentes del Agua es un instrumento utilizado para identificar potenciales de contaminación en nuestros suministros de agua potable. **Es muy importante señalar que la Ciudad de Watsonville cumple con todos las leyes establecidas para la provisión de agua potable del Estado de California.** Durante de marzo del 2013 se desarrollo una evaluación sobre el sistema de agua potable de la Ciudad. La evaluación concluyo que nuestras fuentes de agua son vulnerables a las actividades relacionadas con nitratos, tales como: canales de desagüe agrícola, fertilizantes y aplicar pesticidas en cultivos de riego. Asimismo, nuestras fuentes de agua son más vulnerables a gasolineras, tanques de combustible que históricamente han demostrado fugas de gases contaminantes, instalaciones de empresas de servicios públicos, fosas sépticas, e áreas recreativas.

La Ciudad trabaja conjuntamente con las agencias del Estado para garantizar que se toman las medidas adecuadas y rápidas para la limpieza de las posibles fuentes de contaminantes tales como terrenos donde existen tanques subterráneos con fugas. Consecuentemente, nuestro programa ha protegido muy eficazmente las fuentes de agua municipal. Puede encontrar una copia de la evaluación total en la Biblioteca Principal de la Ciudad, ubicada en el 275 de la calle Main Street. Si gusta puede solicitar una copia del resumen de la evaluación por correo comunicándose con Beau Kayser a 768-3193.

Notas al pie de la tabla

1. El límite de 1,300 ppb de cobre & 15 ppb de plomo están en el 90^{avo} percentil después de clasificar la información. En el 2022 se tomaron muestras en 30 lugares. Los sitios se muestrean cada 3 años. Casi todo el plomo y cobre detectado en los sistemas provienen de la corrosión de la plomería de las casas.
2. El Estado nos permite monitorear ciertos contaminantes menos de una vez por año porque las concentraciones de estos contaminantes no cambian con frecuencia. Algunos de nuestros datos, aunque representativa, tienen más de un año.
3. El acatamiento basado en la presencia de la bacteria de coliforme debe ser menos del 5% de la distribución de las muestras colectadas en un mes.
4. El total de los trihalometanos son la suma de cloroformo, bromodichlorometano, dibromochlorometano y bromoform.
5. Turbidez es la medida de la nubedad del agua. La monitoreamos ya que es un buen indicador de la eficacia de nuestro sistema de filtración. La turbidez se mide en unidades de turbidez nefelométricas (UTN).
6. La Norma de Cumplimiento de la Técnica de Tratamiento: 0.5 UTN en el agua filtrada en 95% de las medidas que se examinan cada mes y no deberá en ningún tiempo exceder el 5.0 UTN.
7. La Norma de Cumplimiento de la Técnica de Tratamiento: 5.0 UTN para agua que no ha sido filtrada nunca.
8. Dividir por 17.12 para convertir ppm a los granos como CaCO₃.

How We Get Our Water

When rainfall hits the ground in the Pajaro Valley, a portion of the water is absorbed into the ground and eventually reaches the groundwater table. City-owned and private wells then pump the water out for residential, agricultural, and business uses. About 90% of Watsonville's water supply is groundwater, primarily taken from the Aromas Red Sands Aquifer. The remainder is collected from Corralitos and Browns Creeks and treated at a plant in Corralitos.

The City's water meets the strict standards set by the State. However, each year more water is pumped out of the groundwater supplies than is replaced by rainfall. Over-pumping causes saltwater intrusion, the process where ocean water seeps underground into wells, rendering them useless. The City is working with the Pajaro Valley Water Management Agency on water conservation efforts and on projects to increase water supplies in the Pajaro Valley.

While the City of Watsonville uses less than 10% of the groundwater pumped in the Pajaro Valley, we must all begin to deal with the challenges created by this shortage. Let's all maintain our precious resources for future generations by continuing to practice water conservation.

For more information about your water, call Beau Kayser at 768-3193. Additional copies of this report are available at City Hall, or online at www.cityofwatsonville.org/777/Water-Quality, or call 768-3133. The City Council is the governing body for the City water system. The City Council meets on the second and fourth Tuesday of each month at 4:00 p.m. and 6:30 p.m. in the Council Chambers, 275 Main Street, Fourth Floor. The City welcomes your participation in these meetings.

Para recibir más información sobre el agua potable, llame a Beau Kayser al 768-3193. Las copias adicionales de este informe están disponibles en las oficinas municipales o llamando al 768-3133 o en línea a www.cityofwatsonville.org/777/Water-Quality. El Concilio Municipal es el cuerpo legislativo del sistema del agua potable de la Ciudad. El Concilio Municipal se reúne el segundo y cuarto martes de cada mes a las 4:00 p.m. y 6:30 p.m. en la Cámara del Concilio, ubicada en 275 Main Street, cuarto piso. La Ciudad les invita a que asistan a estas juntas.

¿De dónde proviene el agua potable?

Cuando la lluvia cae en el suelo del Valle del Pájaro, una porción de la lluvia es absorbida por el suelo y ésta a la larga llega al subsuelo. Los pozos municipales y privados bombean el agua para los usos residenciales, agrícolas y comerciales. Cerca del 90% del suministro del agua del subsuelo proviene del acuífero *Aromas Red Sands*. El agua restante proviene de los arroyos Corralitos y el arroyo Browns y pasa por un tratamiento en la planta de filtración de Corralitos.

El agua potable de la Ciudad excede las normas estrictas establecidas por el estado. Sin embargo, hay una escasez de agua en el Valle del Pájaro: cada año se bombea más agua del subsuelo de la que es reemplazada por la lluvia. El bombeo demás causa la intrusión de agua salada (es cuando el agua del océano se filtra por el subsuelo a los pozos convirtiéndolos inservibles y los echa a perder.

Mientras que Watsonville usa menos de 10% de todo el agua subterránea en el Valle del Pájaro, todos debemos empezar a afrontar los retos ocasionados por la escasez de agua. Hay que mantener nuestros recursos para las generaciones futuras, y así hemos de continuar con el ahorro de agua.

Water Conservation and Lawn Replacement! Conservación de Agua y Programa de Reemplazo de Césped!

Outdoor watering typically doubles our water use during the summer so we encourage you to take advantage of the City's Landscape Water Conservation Consultation and the Lawn Replacement Rebate Programs. Call (831) 325-3376 to schedule a free Landscape Water Conservation Consultation to learn how to turn your yard into a drought-tolerant landscape with efficient irrigation and how to apply for our water conservation landscape rebate. This rebate reimburses customers \$1.00 per square foot for qualifying projects (maximum rebate of \$1,000 for residential and \$2,000 for commercial). For more information visit cityofwatsonville.org/waterconservation.

El uso de agua generalmente se duplica durante el verano, por lo que lo alentamos a que aproveche la consulta gratis de conservación de agua para jardines y el programa de reembolso de reemplazo de césped. Llame al (831) 325-3376 para programar una consulta gratis para aprender cómo convertir su jardín a uno tolerante a la sequía con riego eficiente y cómo calificar para el reembolso de conservación de agua para jardines. Este reembolso ofrece \$1.00 por pie cuadrado para proyectos que califiquen (reembolso máximo de \$1,000 para residentes y \$2,000 para negocios). Para obtener más información, visite watsonvilleutilities.org.



Appendix D
Professional Qualifications

Summary of Experience

Philip Marquez is a Project Assessor specializing in Phase I Environmental Site Assessments for the Real Estate and Telecommunications industries. In addition, Mr. Marquez has extensive experience conducting asbestos and lead-based paint surveys, radon measurement studies and pre-construction biological surveys.

EBI Consulting – Burlington, MA

Project Assessor – March 2024 – Present

Mr. Marquez has over 20 years of experience conducting environmental assessment for commercial, industrial, and multi-family residential properties located throughout the U.S. These assessments were performed to evaluate current and historic site conditions, potential off-site liabilities, environmental control systems and site remediation costs to advise stakeholders of potential and existing environmental concerns.

In addition to Environmental Assessments, Mr. Marquez has performed dozens of pre-construction biological surveys, radon measurement studies, and asbestos and lead-based paint studies for various property owners and financial institutions throughout the United States. These projects ranged in size and complexity from small individual businesses to multi-story apartment buildings, multi-building shopping centers and large industrial complexes. Mr. Marquez has also conducted various stages of technical investigations including subsurface investigations, remediation projects, and environmental compliance audits.

Relevant Project Experience

Phase I Environmental Site Assessment for a former aviation manufacturing and testing facility in Southern California. This project site was over 1,000-acres in size and included former manufacturing and storage buildings. The project identified solvent-impacted ground and surface waters and resulted in the preparation of a Phase II ESA and remediation work.

Phase I Environmental Site Assessment including groundwater and soil sampling at a former industrial facility located in Central California. The assessment identified several unreported USTs and drywells. Soil and groundwater sampling identified high concentrations of petroleum hydrocarbons and volatile organic compounds including PCE.

Freddie Mac Scope Phase I Environmental Site Assessments on numerous multi-family residential complexes. These assessments included the collection and analysis of asbestos and lead-based paint samples, and radon measurement studies.

Education

Bachelor of Science, Biology – California State University Fresno

Professional Registrations

AHERA Building Inspector
Radon Measurement Professional
40 Hour Hazwoper

DRAFT

Jon Hickey

Program Manager

Experience:	Employed with EBI since 2010; over 15 years of experience
Education:	BS Environmental Engineering, University of Toronto, Toronto, Ontario, Canada
Professional Credentials:	Registered Intern Engineer in the State of New York Registered Professional Engineer, Ontario, Canada (License No. 100125988) New York State Department of Labor Certified Asbestos Inspector US EPA Certified Lead-Based Paint Inspector in the State of New York OSHA 40-Hour Hazardous Waste Operations Certification

Jon Hickey is a program manager with over 15 years of experience specializing in Environmental Site Assessments and Property Condition Assessments for the real estate and telecommunications industries. Jon has successfully completed hundreds of project assignments pertaining to property transaction due diligence site assessments, including transaction screens, Phase I Environmental Site Assessments, peer report reviews and Property Condition Assessments. In addition, he has extensive experience overseeing subsurface investigations, remediation projects and asbestos and lead-based paint surveys. At EBI, he currently performs technical reviews of Phase I Environmental Site Assessment reports and peer reports and provides project coordination and portfolio management. He works closely with lending institutions, corporate environmental officers, legal counsel and real estate brokers to develop strategies for managing properties with environmental concern.

Relevant project experience:

Environmental Site Assessments, Various Locations

Jon has over 15 years of experience conducting Environmental Site Assessments for commercial, industrial and multifamily residential properties located nationwide and in Canada. He has extensive experience conducting Environmental Site Assessments for real estate and telecommunications sites located throughout the New York metropolitan area. These assessments were performed to evaluate current and historic site conditions, potential off-site liabilities, environmental control systems, and site remediation costs to advise prospective buyers, operators and owners of potential and existing environmental concerns.

In addition to environmental assessments, he has performed hundreds of Property Condition Assessments for various property owners and financial institutions for portfolios and individual projects in the Northeast and Canada. Projects completed ranged in size and complexity from small single-family residences and individual businesses to multi-story apartment buildings and multi-building shopping centers.

He has also conducted various stages of technical investigations, including subsurface investigations, remediation projects, environmental compliance audits and hazardous materials surveys. These investigations have included the management, installation and oversight of soil borings, soil vapor points and groundwater monitoring wells utilizing various sampling techniques such as direct-push, auger and air rotary and the sampling of environmental media. Property types have ranged from heavily industrialized to residential properties.

Appendix E
Regulatory Database Report

90 Minto Road
90 Minto Road
Watsonville, CA 95076

Inquiry Number: 07592546.2r
March 12, 2024

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

90 MINTO ROAD
WATSONVILLE, CA 95076

COORDINATES

Latitude (North): 36.9497300 - 36° 56' 59.02"
Longitude (West): 121.7572970 - 121° 45' 26.26"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 610648.7
UTM Y (Meters): 4089814.0
Elevation: 114 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 50003328 WATSONVILLE WEST, CA
Version Date: 2021

East Map: 50003327 WATSONVILLE EAST, CA
Version Date: 2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20200527
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 90 MINTO ROAD
 WATSONVILLE, CA 95076

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	T-MOBILE WEST CORPOR	298 MINTO RD	CUPA Listings	Lower	84, 0.016, East
2	PACIFIC GAS AND ELEC	75 MINTO ROAD	RCRA NonGen / NLR	Higher	345, 0.065, WNW
3	JUAN CORONADO	109 DICK PHELPS RD	RCRA NonGen / NLR	Higher	765, 0.145, West
4	RANCH	160 PAULSEN RD	HIST UST	Lower	958, 0.181, NNE
A5	ROY WILSON MAINTENAN	198 GRIMMER RD	LUST, AST, CERS HAZ WASTE, CERS TANKS, Cortese,...	Lower	1031, 0.195, SE
A6	ROY WILSON MAINTENAN	198 GRIMMER	AST	Lower	1031, 0.195, SE
A7	ROY WILSON MAINTENAN	198 GRIMMER RD	UST FINDER RELEASE	Lower	1031, 0.195, SE
8	SUNBAY FLORIST	550 GREEN VALLEY RD	UST FINDER RELEASE	Higher	1656, 0.314, WNW
B9	BRAYCOVICH PROPERTY	118A HOLOHAN RD	HIST CORTESE	Lower	2086, 0.395, SE
B10	BRAYCOVICH PROPERTY	118-A HOLOHAN RD	LUST, Cortese, LA Co. Site Mitigation, CERS	Lower	2086, 0.395, SE
C11	ED FURTADO	445 GREEN VALLEY RD	LUST, Cortese, HWTS, HAZNET, LA Co. Site...	Higher	2407, 0.456, West
C12	FURTADO PROPERTY	445 GREEN VALLEY ROA	UST FINDER RELEASE	Higher	2407, 0.456, West
13	GREEN VALLEY ROAD AL	229 GREEN VALLEY ROA	ENVIROSTOR, SCH	Higher	5233, 0.991, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

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

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Active UST Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

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

Local Lists of Registered Storage Tanks

SWEEPS UST.....	SWEEPS UST Listing
CA FID UST.....	Facility Inventory Database

Local Land Records

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites

EXECUTIVE SUMMARY

LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
MINES MRDS.....	Mineral Resources Data System
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS TRIS.....	List of PFAS Added to the TRI
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
PFAS.....	PFAS Contamination Site Location Listing
AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CHROME PLATING.....	Chrome Plating Facilities Listing
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	Inspection, Compliance and Enforcement
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
HWTS.....	Hazardous Waste Tracking System
HAZNET.....	Facility and Manifest Data
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
HAZMAT.....	Hazardous Material Facilities
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)

EXECUTIVE SUMMARY

PROD WATER PONDS..... PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT..... SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ..... Well Stimulation Project (GEOTRACKER)
UST FINDER..... UST Finder Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state- and tribal hazardous waste facilities

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/23/2023 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GREEN VALLEY ROAD AL Status: No Further Action Facility Id: 60000685	229 GREEN VALLEY ROA	SW 1/2 - 1 (0.991 mi.)	13	92

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ED FURTADO Database: LUST, Date of Government Version: 12/04/2023 Status: Completed - Case Closed Global Id: T0608736986	445 GREEN VALLEY RD	W 1/4 - 1/2 (0.456 mi.)	C11	79

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROY WILSON MAINTENAN Database: LUST, Date of Government Version: 12/04/2023 Status: Open - Verification Monitoring Global Id: T0608700100	198 GRIMMER RD	SE 1/8 - 1/4 (0.195 mi.)	A5	14
BRAYCOVICH PROPERTY Database: LUST, Date of Government Version: 12/04/2023 Database: LUST REG 3, Date of Government Version: 05/19/2003 Status: Remediation Plan Status: Completed - Case Closed Global Id: T0608700129 Global ID: T0608700129	118-A HOLOHAN RD	SE 1/4 - 1/2 (0.395 mi.)	B10	67

Lists of state and tribal registered storage tanks

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROY WILSON MAINTENAN Database: AST, Date of Government Version: 07/06/2016	198 GRIMMER RD	SE 1/8 - 1/4 (0.195 mi.)	A5	14
ROY WILSON MAINTENAN Database: AST, Date of Government Version: 07/06/2016	198 GRIMMER	SE 1/8 - 1/4 (0.195 mi.)	A6	65

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/16/2023 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROY WILSON MAINTENAN	198 GRIMMER RD	SE 1/8 - 1/4 (0.195 mi.)	A5	14

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RANCH Facility Id: 00000013517	160 PAULSEN RD	NNE 1/8 - 1/4 (0.181 mi.)	4	13

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/16/2023 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROY WILSON MAINTENAN	198 GRIMMER RD	SE 1/8 - 1/4 (0.195 mi.)	A5	14

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/04/2023 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC GAS AND ELEC	75 MINTO ROAD	WNW 0 - 1/8 (0.065 mi.)	2	9

EXECUTIVE SUMMARY

EPA ID:: CAC003019717				
EPA ID:: CAC003079353				
JUAN CORONADO	109 DICK PHELPS RD	W 1/8 - 1/4 (0.145 mi.)	3	11
EPA ID:: CAC003054748				

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/13/2023 has revealed that there are 3 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ED FURTADO Cleanup Status: COMPLETED - CASE CLOSED	445 GREEN VALLEY RD	W 1/4 - 1/2 (0.456 mi.)	C11	79
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROY WILSON MAINTENAN Cleanup Status: OPEN - VERIFICATION MONITORING	193 GRIMMER RD	SE 1/8 - 1/4 (0.195 mi.)	A5	14
BRAYCOVICH PROPERTY Cleanup Status: COMPLETED - CASE CLOSED	118-A HOLOHAN RD	SE 1/4 - 1/2 (0.395 mi.)	B10	67

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

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 2 CUPA Listings sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
T-MOBILE WEST CORPOR Database: CUPA SANTA CRUZ, Date of Government Version: 01/21/2017 Facility Id: FA0005880	298 MINTO RD	E 0 - 1/8 (0.016 mi.)	1	9
ROY WILSON MAINTENAN Database: CUPA SANTA CRUZ, Date of Government Version: 01/21/2017 Facility Id: FA0002216	198 GRIMMER RD	SE 1/8 - 1/4 (0.195 mi.)	A5	14

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target site property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRAYCOVICH PROPERTY	118A HOLOHAN RD	SE 1/4 - 1/2 (0.395 mi.)	B9	67

EXECUTIVE SUMMARY

Reg Id: 2706

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 3 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SUNBAY FLORIST	550 GREEN VALLEY RD	WNW 1/4 - 1/2 (0.314 mi.)	8	66
FURTADO PROPERTY	445 GREEN VALLEY ROA	W 1/4 - 1/2 (0.456 mi.)	C12	91

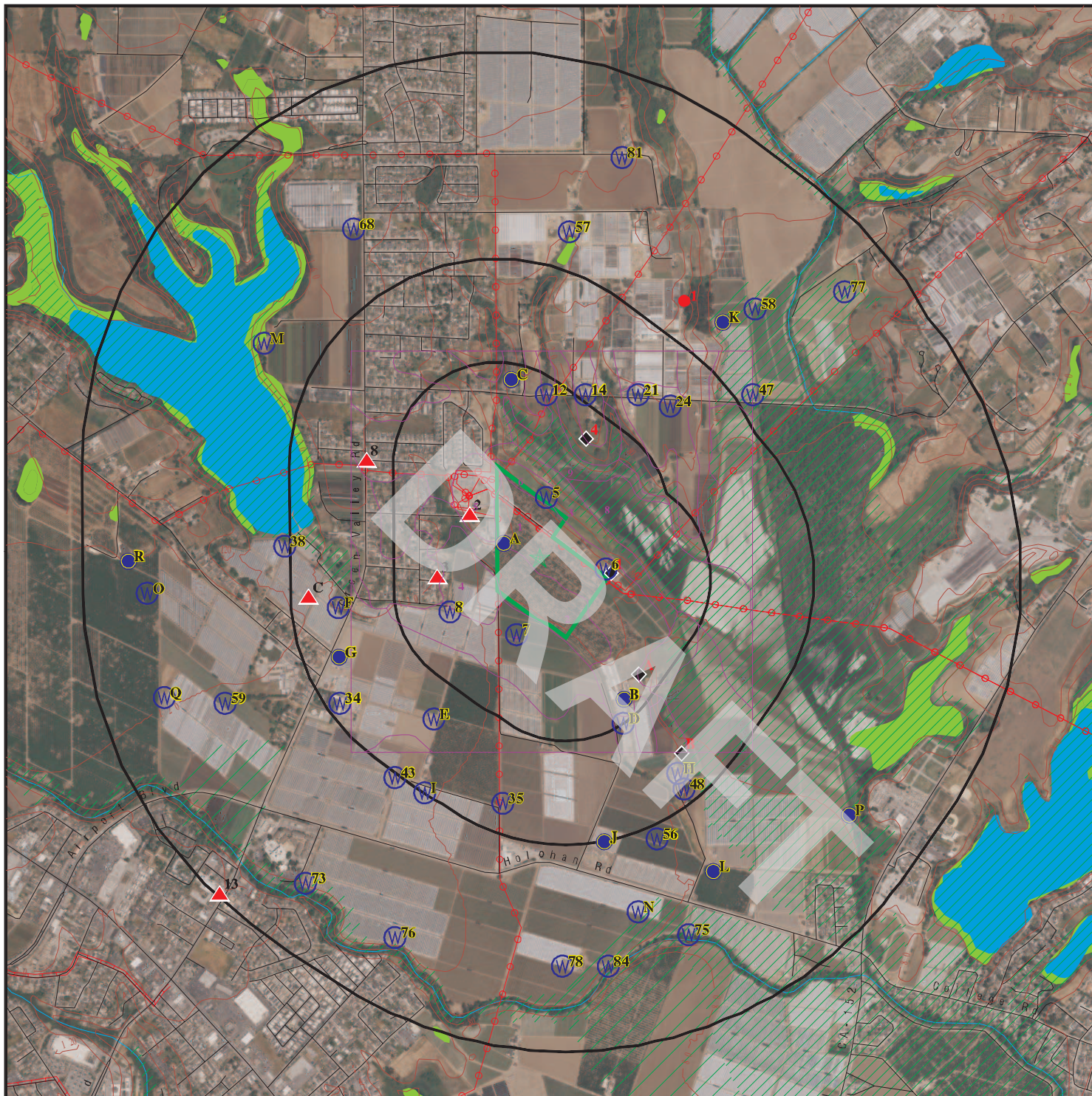
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROY WILSON MAINTENAN	198 GRIMMER RD	SE 1/8 - 1/4 (0.195 mi.)	A7	66

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

DRAFT

OVERVIEW MAP - 07592546.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Areas of Concern

Power transmission lines

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

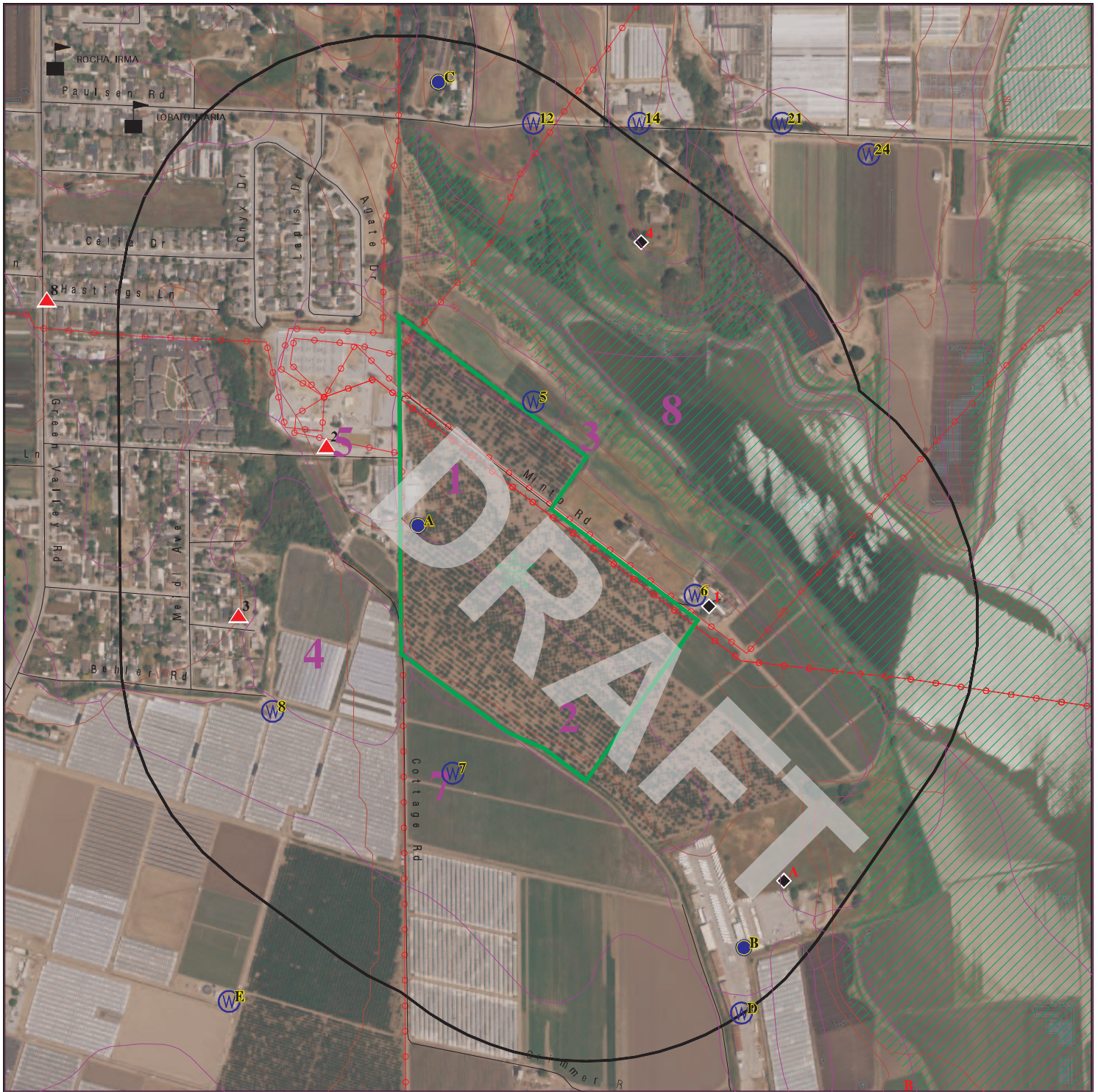









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

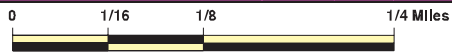
SITE NAME: 90 Minto Road
 ADDRESS: 90 Minto Road
 Watsonville CA 95076
 LAT/LONG: 36.94973 / 121.757297






CLIENT: EBI Consulting
 CONTACT: Joshua Ritz
 INQUIRY #: 07592546.2r
 DATE: March 12, 2024 11:24 am

DETAIL MAP - 07592546.2R



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



-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 90 Minto Road
 ADDRESS: 90 Minto Road
 Watsonville CA 95076
 LAT/LONG: 36.94973 / 121.757297

CLIENT: EBI Consulting
 CONTACT: Joshua Ritz
 INQUIRY #: 07592546.2r
 DATE: March 12, 2024 11:26 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
ENVIROSTOR	1.000		0	0	0	1	NR	1
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	1	2	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	1	NR	NR	NR	1
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	1	NR	NR	NR	1
<i>Local Land Records</i>								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	1	2	NR	NR	3
CUPA Listings	0.250		1	1	NR	NR	NR	2
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	1	2	NR	NR	3
UST FINDER	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	2	10	7	1	0	20

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1
East
 < 1/8
 0.016 mi.
 84 ft.

T-MOBILE WEST CORPORATION SF15112A
298 MINTO RD
WATSONVILLE, CA 95076

CUPA Listings S111456305
N/A

Relative:
Lower
Actual:
104 ft.

CUPA SANTA CRUZ:
 Name: T-MOBILE WEST CORPORATION SF15112A
 Address: 298 MINTO RD
 City,State,Zip: WATSONVILLE, CA 95076
 Facility Id: FA0005880
 Cross Street: GREEN VALLEY
 Description: HMMP SHORT FORM BASE FEE

Name: T-MOBILE WEST CORPORATION SF15112A
 Address: 298 MINTO RD
 City,State,Zip: WATSONVILLE, CA 95076
 Facility Id: FA0005880
 Cross Street: GREEN VALLEY
 Description: HMMP SHORT FORM 1 HAZ CLASS

2
WNW
 < 1/8
 0.065 mi.
 345 ft.

PACIFIC GAS AND ELECTRIC COMPANY
75 MINTO ROAD
WATSONVILLE, CA 95076

RCRA NonGen / NLR 1025840117
CAC003079353

Relative:
Higher
Actual:
126 ft.

RCRA Listings:
 Date Form Received by Agency: 20190613
 Handler Name: Pacific Gas And Electric Company
 Handler Address: 75 MINTO ROAD
 Handler City,State,Zip: WATSONVILLE, CA 95076
 EPA ID: CAC003019717
 Contact Name: MARC MOROLLA
 Contact Address: 2180 HARRISON STREET, ROOM 330
 Contact City,State,Zip: SAN FRANCISCO, CA 94110
 Contact Telephone: 415-463-0708
 Contact Fax: Not reported
 Contact Email: MARC.MOROLLA@PGE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: PO BOX 7640
 Mailing City,State,Zip: SAN FRANCISCO, CA 94120
 Owner Name: Pacific Gas And Electric Company
 Owner Type: Other
 Operator Name: Marc Morolla
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC GAS AND ELECTRIC COMPANY (Continued)

1025840117

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRM Permit Baseline:	Not on the Baseline
2018 GPRM Renewals Baseline:	Not on the Baseline
202 GPRM Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARC MOROLLA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2180 HARRISON STREET, ROOM 330
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94110
Owner/Operator Telephone:	415-463-0708
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PACIFIC GAS AND ELECTRIC COMPANY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7640
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94120

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC GAS AND ELECTRIC COMPANY (Continued)

1025840117

Owner/Operator Telephone: 415-463-0708
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190613
Handler Name: PACIFIC GAS AND ELECTRIC COMPANY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 221121
NAICS Description: ELECTRIC BULK POWER TRANSMISSION AND CONTROL

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

3
West
1/8-1/4
0.145 mi.
765 ft.

JUAN CORONADO
109 DICK PHELPS RD
WATSONVILLE, CA 95076

RCRA NonGen / NLR

1026048142
CAC003054748

Relative:
Higher
Actual:
120 ft.

RCRA Listings:

Date Form Received by Agency: 20200206
Handler Name: Juan Coronado
Handler Address: 109 DICK PHELPS RD
Handler City,State,Zip: WATSONVILLE, CA 95076
EPA ID: CAC003054748
Contact Name: JUAN CORONADO
Contact Address: 109 DICK PHELPS RD
Contact City,State,Zip: WATSONVILLE, CA 95076
Contact Telephone: 831-818-2319
Contact Fax: Not reported
Contact Email: LIZE@PWSEI.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JUAN CORONADO (Continued)

1026048142

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	109 DICK PHELPS RD
Mailing City, State, Zip:	WATSONVILLE, CA 95076
Owner Name:	Juan Coronado
Owner Type:	Other
Operator Name:	Juan Coronado
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JUAN CORONADO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 DICK PHELPS RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JUAN CORONADO (Continued)

1026048142

Owner/Operator City,State,Zip: WATSONVILLE, CA 95076
Owner/Operator Telephone: 831-818-2319
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JUAN CORONADO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 109 DICK PHELPS RD
Owner/Operator City,State,Zip: WATSONVILLE, CA 95076
Owner/Operator Telephone: 831-818-2319
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200206
Handler Name: JUAN CORONADO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

4
NNE
1/8-1/4
0.181 mi.
958 ft.

RANCH
160 PAULSEN RD
WATSONVILLE, CA 95076

HIST UST U001602336
N/A

Relative:
Lower
Actual:
98 ft.

HIST UST:
Name: RANCH
Address: 160 PAULSEN RD
City,State,Zip: WATSONVILLE, CA 95076
File Number: 00020b9c
URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/00020b9c.pdf>
Region: STATE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RANCH (Continued)

U001602336

Facility ID: 00000013517
Facility Type: Other
Other Type: RANCH
Contact Name: Not reported
Telephone: 4087229059
Owner Name: F. ALLEN HARRYMAN
Owner Address: 160 PAULSEN RD
Owner City,St,Zip: WATSONVILLE, CA 95076
Total Tanks: 0001

Tank Num: 001
Container Num: ONE
Year Installed: 1981
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/8
Leak Detection: None

Tank Num: 001
Container Num: ONE
Year Installed: 1981
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/8
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

A5
SE
1/8-1/4
0.195 mi.
1031 ft.
Relative:
Lower
Actual:
90 ft.

ROY WILSON MAINTENANCE YARD
198 GRIMMER RD
WATSONVILLE, CA 95076
Site 1 of 3 in cluster A

LUST **S106102398**
AST **N/A**
CERS HAZ WASTE
CERS TANKS
Cortese
CUPA Listings
NPDES
LA Co. Site Mitigation
WDS
CIWQS
CERS

LUST:

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Lead Agency: CENTRAL COAST RWQCB (REGION 3)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608700100
Global Id: T0608700100
Latitude: 36.9442326884535
Longitude: -121.75367474556
Status: Open - Verification Monitoring
Status Date: 09/11/2014
Case Worker: DRK
RB Case Number: 2503
Local Agency: SANTA CRUZ COUNTY
File Location: Local Agency

MAP FINDINGS

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Local Case Number: Not reported
 Potential Media Affect: Indoor Air, Other Groundwater (uses other than drinking water), Sediments, Soil, Soil Vapor, Under Investigation
 Potential Contaminants of Concern: Benzene, Diesel, Ethylbenzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates, Naphthalene, Total Petroleum Hydrocarbons (TPH)
 EPA Region: 9
 Coordinate Source: Google Map Move
 Cuf Case: NO
 Quantity Released Gallons: Not reported
 Begin Date: 03/25/1989
 Leak Reported Date: 01/01/1994
 How Discovered: Inventory Control
 How Discovered Description: Inventory control
 Discharge Source: Tank
 Discharge Cause: Physc / Mech Damage
 Stop Method: Close and Remove Tank
 Stop Description: UST system removed
 No Further Action Date: Not reported
 CA Water Watershed Name: Pajaro River - Watsonville (305.10)
 Dwr Groundwater Subbasin Name: Corralitos - Pajaro Valley (3-002.01)
 Disadvantaged Community: Not reported
 CA Enviroscreen 3 Score: 46-50%
 CA Enviroscreen 4 Score: 50-55%
 Military DOD Site: No
 Facility Project Subtype: Not reported
 RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
 Site History: The report by the consultant dated 06/12/2014 appears to adequately characterize the site conditions and indicates the site does not meet the criteria of the Low Threat Closure Policy for a number of reasons including the site is not located within the area of a public water system, the site groundwater criteria do not meet the class one through four criteria of the Groundwater-Specific Criteria, and the soil vapor concentrations are above LTCP criteria at SV-4 and SV-7. The report indicates the elevated soil vapor concentrations are related to elevated chemical concentrations in groundwater. The consultant indicates based on their evaluation that monitored natural attenuation is recommended as the groundwater remedy and that other remedial alternatives were found to not be viable options. The SCCEHS concurred with this recommendation in a letter dated 09/10/2014 and requires semi-annual monitoring of groundwater in accordance with MRP No. 99-052 (revised 08/29/2011) as well as updated assessments of the site status relative to meeting the criteria of the LTCP in the semi-annual monitoring reports. The Site is currently a vehicle and equipment maintenance and storage yard operated by the Santa Cruz County DPW. The maintenance and storage yard occupies three buildings and adjacent paved areas in the southern portion of the Site. The Pajaro Valley Unified School District leases the northern portion of the Site as a yard for school buses. School buses are parked on-Site and fueled using two above ground storage tanks. Additionally, two buildings in the northwest portion of the Site are used for bus maintenance. During the day, bus drivers park personal vehicles in an unpaved area in the northeast portion of the Site. The northeast portion of the Site is currently undeveloped, but has previously, been used for soil stockpiling and additional parking. The areas surrounding the Site are used for agricultural October 1993 - Santa Cruz County Dept. of Public Works commissioned the removal of a 12,000-gallon UST. June 1995 - Santa Cruz County Dept. of Public

MAP FINDINGS

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Works commissioned the removal of a 8,000-gallon UST and one 6,000-gallon UST. The three USTs historically contained both diesel and gasoline. Evidence of releases was observed at each UST location at the time of removal. Visually impacted soil was removed by excavation. November 1995 - Terratech advanced six soil borings at the site. December 1995 - Installation of monitoring wells MW-, MW-2, and MW-3. Free product was observed during the drilling of MW-3. Highest concentration of BTEX and TPHg detected at MW-3. April 1996 - RB directed SCCDPW to implement a monitoring and reporting program. August 1997 - SCCDPW commissioned the installation of three additional monitoring wells MW-4, MW-5, and MW-6. December 1998 - Two soil borings GW-1 and GW-2 were advanced 36 to 40 feet bgs approximately 250 feet east of the former UST locations. No indication of soil contamination so no soil samples were collected. Trace amount of xylenes was detected in GW samples, but other petroleum HCs were not detected. 3/25/99 - RB approved natural attenuation as the remedial action for the site and further added that "analysis of soil and groundwater from GW-1 and GW-2 sufficiently demonstrates the release has not migrated beyond 250 feet eastward." September and October 1999 - MTBE and 1,2-DCA were detected in the onsite water supply well PVWMA #1390. Video logging of the well documented breaks in the casing and inflowing water at a depth of 50' bgs. the well was destroyed and a replacement well installed on November 15, 1999.

LUST:

Global Id: T0608700100
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: DILLON KASS
Organization Name: CENTRAL COAST RWQCB (REGION 3)
Address: 895 Aerovista Place, Suite 101
City: SAN LUIS OBISPO
Email: dillon.kass@waterboards.ca.gov
Phone Number: 8055493879

Global Id: T0608700100
Contact Type: Local Agency Caseworker
Contact Name: HEATHER HANNA
Organization Name: SANTA CRUZ COUNTY
Address: 701 Ocean Street, Suite 312
City: SANTA CRUZ
Email: heather.hanna@santacruzcounty.us
Phone Number: 8314544813

LUST:

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 04/03/1996
Action: Staff Letter

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 06/03/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0608700100
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Date: 12/06/2012
Action: 13267 Requirement

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 07/31/2013
Action: Staff Letter

Global Id: T0608700100
Action Type: Other
Date: 03/08/1993
Action: Leak Discovery

Global Id: T0608700100
Action Type: Other
Date: 01/01/1994
Action: Leak Reported

Global Id: T0608700100
Action Type: RESPONSE
Date: 12/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 02/14/2007
Action: Verbal Communication

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 04/09/2009
Action: File review

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 03/25/1989
Action: 13267 Monitoring Program

Global Id: T0608700100
Action Type: RESPONSE
Date: 11/21/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 08/10/2023
Action: Monitoring Report - Other

Global Id: T0608700100
Action Type: RESPONSE
Date: 01/30/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/19/2013
Action: Remedial Investigation Workplan - Regulator Responded

Global Id: T0608700100
Action Type: RESPONSE
Date: 08/23/2013
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/20/2014
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608700100
Action Type: RESPONSE
Date: 01/17/2014
Action: Other Workplan - Regulator Responded

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2014
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608700100
Action Type: RESPONSE
Date: 12/30/2015
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 01/30/2007
Action: Verbal Communication

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 02/02/2007
Action: Verbal Communication

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 02/13/2009
Action: Staff Letter

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 04/21/2009
Action: File review

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 04/24/2009
Action: 13267 Requirement

Global Id: T0608700100
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Date: 04/29/2011
Action: 13267 Requirement

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 07/07/2011
Action: Staff Letter

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 01/17/2013
Action: Staff Letter

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 09/10/2014
Action: Staff Letter

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 08/29/2011
Action: 13267 Monitoring Program

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/26/2009
Action: Interim Remedial Action Plan

Global Id: T0608700100
Action Type: RESPONSE
Date: 07/17/2009
Action: Well Destruction Report

Global Id: T0608700100
Action Type: RESPONSE
Date: 10/20/2002
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 11/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2021
Action: Monitoring Report - Annually

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 09/10/2008
Action: Staff Letter

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 09/10/2008
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 12/10/2008
Action: File review

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 08/29/2011
Action: 13267 Monitoring Program

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 09/20/2013
Action: Staff Letter

Global Id: T0608700100
Action Type: Other
Date: 06/16/1995
Action: Leak Stopped

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/07/2001
Action: Monitoring Report - Semi-Annually

Global Id: T0608700100
Action Type: RESPONSE
Date: 04/10/2009
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608700100
Action Type: RESPONSE
Date: 11/21/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/21/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/21/2005
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 11/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 11/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Date: 05/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 11/20/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/20/2011
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 02/20/2010
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 11/20/2010
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/20/2010
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 08/20/2010
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 02/20/2011
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2017
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2018
Action: Monitoring Report - Annually

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2020
Action: Monitoring Report - Annually

Global Id: T0608700100
Action Type: REMEDIATION
Date: 09/01/2009
Action: Monitored Natural Attenuation

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 12/22/2008
Action: 13267 Requirement

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 06/01/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 07/22/2013
Action: Referral to Local Agency

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 02/21/2014
Action: Staff Letter

Global Id: T0608700100
Action Type: ENFORCEMENT
Date: 06/30/2015
Action: Referral to Regional Board

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 11/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/20/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608700100
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Date: 05/20/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2012
Action: Conceptual Site Model

Global Id: T0608700100
Action Type: RESPONSE
Date: 05/14/2012
Action: Conceptual Site Model

Global Id: T0608700100
Action Type: RESPONSE
Date: 06/30/2019
Action: Monitoring Report - Annually

Global Id: T0608700100
Action Type: RESPONSE
Date: 04/20/2013
Action: Conceptual Site Model

Global Id: T0608700100
Action Type: RESPONSE
Date: 03/21/2013
Action: Correspondence

Global Id: T0608700100
Action Type: RESPONSE
Date: 08/31/2013
Action: Other Workplan

Global Id: T0608700100
Action Type: RESPONSE
Date: 01/30/2014
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608700100
Action Type: RESPONSE
Date: 12/30/2014
Action: Monitoring Report - Semi-Annually

LUST:

Global Id: T0608700100
Status: Open - Case Begin Date
Status Date: 03/25/1989

Global Id: T0608700100
Status: Open - Remediation
Status Date: 01/01/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Global Id: T0608700100
Status: Open - Verification Monitoring
Status Date: 03/25/1999

Global Id: T0608700100
Status: Open - Site Assessment
Status Date: 08/01/2013

Global Id: T0608700100
Status: Open - Verification Monitoring
Status Date: 09/11/2014

AST:

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City/Zip: WATSONVILLE,95076
Certified Unified Program Agencies: Not reported
Owner: COUNTY OF SANTA CRUZ - PW
Total Gallons: Not reported
CERSID: 10192378
Facility ID: Not reported
Business Name: COUNTY OF SANTA CRUZ - DPW - ROAD MAINT DIVISION
Phone: (831) 763-4691
Fax: Not reported
Mailing Address: 701 OCEAN ST, RM 410
Mailing Address City: SANTA CRUZ
Mailing Address State: CA
Mailing Address Zip Code: 95060
Operator Name: DPW FISCAL
Operator Phone: (831) 763-4691
Owner Phone: (831) 454-2160
Owner Mail Address: 701 OCEAN ST, RM 410
Owner State: CA
Owner Zip Code: 95060
Owner Country: United States
Property Owner Name: COUNTY OF SANTA CRUZ - PW
Property Owner Phone: (831) 454-2160
Property Owner Mailing Address: 701 OCEAN ST, RM 410
Property Owner City: SANTA CRUZ
Property Owner Stat : CA
Property Owner Zip Code: 95060
Property Owner Country: United States
EPAID: CAD775684

CERS HAZ WASTE:

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Site ID: 149255
CERS ID: 10192378
CERS Description: Hazardous Waste Generator

CERS TANKS:

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

City,State,Zip: WATSONVILLE, CA 95076
Site ID: 149255
CERS ID: 10192378
CERS Description: Aboveground Petroleum Storage

CORTESE:

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608700100
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - VERIFICATION MONITORING
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CUPA SANTA CRUZ:

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Facility Id: FA0002216
Cross Street: HOLOHAN ROAD
Description: HMMP STANDARD FORM FILING FEE

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Facility Id: FA0002216
Cross Street: HOLOHAN ROAD
Description: HMMP STANDARD FORM QR 6

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Facility Id: FA0002216
Cross Street: HOLOHAN ROAD
Description: HAZARDOUS WASTE GENERATOR (HMMP STD FORM)

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Facility Id: FA0002216
Cross Street: HOLOHAN ROAD
Description: ABOVEGROUND PETROLEUM STORAGE-SPCC FACILITY

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Facility Id: FA0002216
Cross Street: HOLOHAN ROAD
Description: HMMP STANDARD FORM QR 2

NPDES:

Name: PVUSD TRANSPORTATION YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 3 44I026418
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 01/31/2016
Operator Name: PVUSD Transportation Yard
Operator Address: 198 Grimmer Rd
Operator City: Watsonville
Operator State: California
Operator Zip: 95076

NPDES as of 03/2018:

NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 3
Regulatory Measure ID: 468885
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 3 44I026418
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 01/31/2016
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Discharge Name:	PVUSD Transportation Yard
Discharge Address:	198 Grimmer Rd
Discharge City:	Watsonville
Discharge State:	California
Discharge Zip:	95076
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Certification Date: Not reported
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 3
Regulatory Measure ID: 468885
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 3 44I026418
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 01/22/2016
Processed Date: 01/31/2016
Status: Active
Status Date: 01/31/2016
Place Size: 6.7
Place Size Unit: Acres
Contact: Kathryn Powell
Contact Title: Director
Contact Phone: 831-728-6324
Contact Phone Ext: Not reported
Contact Email: Kathryn_powell@pvusd.net
Operator Name: PVUSD Transportation Yard
Operator Address: 198 Grimmer Rd
Operator City: Watsonville
Operator State: California
Operator Zip: 95076
Operator Contact: Kathryn Powell
Operator Contact Title: Director
Operator Contact Phone: 831-728-6324
Operator Contact Phone Ext: Not reported
Operator Contact Email: Kathryn_powell@pvusd.net
Operator Type: Private Business
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: N
Receiving Water Name: Corallitos Creek
Certifier: Kathryn Powell
Certifier Title: Director of Transportation
Certification Date: 22-JAN-16
Primary Sic: 4151-School Buses
Secondary Sic: Not reported
Tertiary Sic: Not reported

Name: PVUSD TRANSPORTATION YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Facility Status: Active
NPDES Number: CAS000001
Region: 3
Agency Number: 0
Regulatory Measure ID: 468885
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 3 441026418
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 01/31/2016
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 198 Grimmer Rd
Discharge Name: PVUSD Transportation Yard
Discharge City: Watsonville
Discharge State: California
Discharge Zip: 95076
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:
NPDES Number: CAS000001
Status: Active

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Agency Number: 0
Region: 3
Regulatory Measure ID: 468885
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 3 441026418
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 01/31/2016
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: PVUSD Transportation Yard
Discharge Address: 198 Grimmer Rd
Discharge City: Watsonville
Discharge State: California
Discharge Zip: 95076
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported
Operator Contact: Not reported
Operator Contact Title: Not reported
Operator Contact Phone: Not reported
Operator Contact Phone Ext: Not reported
Operator Contact Email: Not reported
Operator Type: Not reported
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: Not reported
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	3
Regulatory Measure ID:	468885
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	3 44I026418
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	01/22/2016
Processed Date:	01/31/2016
Status:	Active
Status Date:	01/31/2016
Place Size:	6.7
Place Size Unit:	Acres
Contact:	Kathryn Powell
Contact Title:	Director
Contact Phone:	831-728-6324
Contact Phone Ext:	Not reported
Contact Email:	Kathryn_powell@pvusd.net
Operator Name:	PVUSD Transportation Yard
Operator Address:	198 Grimmer Rd
Operator City:	Watsonville
Operator State:	California
Operator Zip:	95076
Operator Contact:	Kathryn Powell
Operator Contact Title:	Director
Operator Contact Phone:	831-728-6324
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Kathryn_powell@pvusd.net

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Operator Type: Private Business
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: N
Receiving Water Name: Corallitos Creek
Certifier: Kathryn Powell
Certifier Title: Director of Transportation
Certification Date: 22-JAN-16
Primary Sic: 4151-School Buses
Secondary Sic: Not reported
Tertiary Sic: Not reported

SANTA CRUZ CO SITE MITI:

APN Number: 051-101-59
Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA
Case Status: OPEN - VERIFICATION MONITORING
Case Type: Not reported
Global ID: T0608700100
RO Number: 195
Agency: RWQCB
Closure Letter Date: Not reported
Notes: Not reported

WDS:

Name: SANTA CRUZ CO ROY WILSON
Address: 198 GRIMMER RD
City: WATSONVILLE
Facility ID: Central Coastal 441002829
Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 3

Facility Telephone: Not reported

Facility Contact: Not reported

Agency Name: SANTA CRUZ COUNTY

Agency Address: Not reported

Agency City,St,Zip: 0

Agency Contact: Not reported

Agency Telephone: Not reported

Agency Type: Not reported

SIC Code: 0

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name: ROY WILSON YARD

Address: 198 GRIMMER RD

City,State,Zip: WATSONVILLE, CA 95076

Agency: Santa Cruz County Dept of Public Works

Agency Address: 701 Ocean Street Room 410, Santa Cruz, CA 95060

Place/Project Type: Industrial - School Buses

SIC/NAICS: 4151

Region: 3

Program: INDSTW

Regulatory Measure Status: Terminated

Regulatory Measure Type: Storm water industrial

Order Number: 2014-0057-DWQ

WDID: 3 44I002829

NPDES Number: CAS000001

Adoption Date: Not reported

Effective Date: 04/02/1992

Termination Date: 02/06/2016

MAP FINDINGS

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 36.94532
 Longitude: -121.75458

Name: PVUSD TRANSPORTATION YARD
 Address: 198 GRIMMER RD
 City,State,Zip: WATSONVILLE, CA 95076
 Agency: PVUSD Transportation Yard
 Agency Address: 198 Grimmer Rd, Watsonville, CA 95076
 Place/Project Type: Industrial - School Buses
 SIC/NAICS: 4151
 Region: 3
 Program: INDSTW
 Regulatory Measure Status: Active
 Regulatory Measure Type: Storm water industrial
 Order Number: 2014-0057-DWQ
 WDID: 3 44I026418
 NPDES Number: CAS000001
 Adoption Date: Not reported
 Effective Date: 01/31/2016
 Termination Date: Not reported
 Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 36.945019
 Longitude: -121.753238

CERS:

Name: ROY WILSON MAINTENANCE YARD
 Address: 198 GRIMMER RD
 City,State,Zip: WATSONVILLE, CA 95076
 Site ID: 149255
 CERS ID: 10192378
 CERS Description: Chemical Storage Facilities

Violations:

Site ID: 149255
 Site Name: ROY WILSON MAINTENANCE YARD
 Violation Date: 07-13-2020
 Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
 Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
 Violation Notes: Returned to compliance on 06/07/2021. Inspection records could not be found at time of inspection. Records may be kept at headquarters.
 Violation Division: Santa Cruz County Environmental Health
 Violation Program: HW

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ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-07-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 07/23/2021. Training records could not be found at time of inspection. Hold a training within 30 days and send a copy of the sign in sheet to the office of Environmental Health or to my email. Provide refresher training for employees yearly and keep records on site for at least 3 years.
Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-13-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes: Returned to compliance on 08/14/2020. The staff that is responsible for the gasoline and diesel tanks have not been trained per the regulations for APSA, Aboveground Petroleum Storage Act. Make sure the person in charge of the tanks is trained specifically according to the regs in APSA.
Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-17-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards: 1. On a regular schedule. 2. After material repairs are made. 3. By qualified personnel. 4. The frequency and type of testing and inspections based on container size, configuration, and design.
Violation Notes: Returned to compliance on 07/28/2020. The SPCC does not discuss integrity testing procedures.
Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD

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EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Violation Date: 06-12-2018
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 06/19/2018. Date on the SPCC Plan is 2012. SPCC Plan must be reviewed every 5 years. Review your SPCC Plan and update if necessary.
Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-12-2018
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure to include all required information in the tank system assessment.
Violation Notes: Returned to compliance on 06/19/2018. Used oil tank does not have any information written on it. Hazardous Waste labels must all pertinent information written on them including the "Accumulation Start Date".
Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 10/13/2019. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. The current SPCC plan is dated January 25, 2011. I also noted that many employees referenced in the SPCC plan no longer work for this facility and new employee names should be updated in the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit verification of proper completion.
Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: The last documented weekly inspection in the SPCC plan for the 300 gallon waste oil tank is December 16, 2015. The two 55 gallon bitumen oil waste drums are not being inspected (at least not documented). The owner or operator

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ROY WILSON MAINTENANCE YARD (Continued)

S106102398

shall inspect areas used for container storage or transfer, at least weekly, looking for leaking containers and for deterioration of containers and the containment system caused by corrosion and other factors. CORRECTIVE ACTION: Immediately begin conducting the necessary weekly inspections for all hazardous waste containers at this facility and verify with the CUPA within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017

Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)

Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: A 55 gallon drum of waste bitumen oil (eastern most drum of bitumen oil of the two drums) has a label with an accumulation start date of September 10, 2013 (greater than 180 days). Facilities who generate less than 1,000 kg of hazardous waste per month and do not exceed 6,000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-17-2019

Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards.

Violation Notes: Returned to compliance on 08/16/2019. No proof of any integrity testing was observed during the inspection. This tank has multiple areas of rust that appear to be substantial. Use a wire brush or sandblasting to remove the rust and make sure it is clean to the bare metal. Hire an licensed contractor to perform integrity testing on both tanks to be sure they are safe.

Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD

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ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Violation Date: 03-23-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 04/07/2017. OBSERVATION: The business plan has not been updated and submitted to this department within 30 days of the retirement of the Primary Emergency Contact noted in the currently electronic submittal in the California Environmental Reporting System (CERS), the addition of 60 gallons of Roundup Custom (EPA Reg. No. 524-343), 60 gallons of Roundup PRO Concentrate (EPA Reg. No. 524-529), 32 gallons of Target Pro-Spreader Activator (Surfactant; CA Reg. No. 1050775-50022), and moving the 55 gallons of turbine oil from "MAP #1 INSIDE BUILDING SOUTH SIDE" to the Drainage Garage. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the CERS within 30 days of the issuance of this report.
Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,
Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 03/23/2017. OBSERVATION: A 55 gallon drum filled with waste bitumen oil (eastern drum of the two bitumen drums) was open with a funnel in the open bung. Waste bitumen oil was not being actively added or removed from the 55 gallon drum. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. This violation was corrected during the inspection by taking out the funnel from the open bung and screwing in the bung cap.
Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,
Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in

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ROY WILSON MAINTENANCE YARD (Continued)

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Violation Notes: safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Returned to compliance on 06/12/2018. OBSERVATION: Annual and initial training documentation for all applicable employees was not available. According to the SPCC plan, the last training conducted on March 11, 2013. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 04/07/2017. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The last electronic submittal to the California Environmental Reporting System (CERS) is dated August 11, 2015. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the CERS within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-07-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 07/23/2021. Hazardous waste manifests could not be found at time of inspection. Send copies of the hazardous waste manifests to the office of Santa Cruz County Environmental Health or to my email when they are found. Keep all hazardous waste manifests on site for at least 3 years.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-13-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

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ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 07/13/2020. Observed a faded hazardous waste label on the waste oil tank. I was not able to read any of the writing or dates. Keep all hazardous waste labels filled out properly and easy to read.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 03/23/2017. OBSERVATION: The 300 gallon waste oil tank and one 55 gallon drum of waste bitumen oil (the western most drum of bitumen oil of the two drums) did not have a label with an accumulation date. All hazardous waste containers shall be marked with the following information: (1) The words Hazardous Waste ; (2) Name and address of generator; (3) Hazardous properties; (4) Physical state; (5) Composition (contents); and (6) Accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all containers are marked with all the required information. Since it is unknown how long these containers have been on site (longer than or 180 days), immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by within 30 days of receiving this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to include in the SPCC plan and document discharge prevention briefings for oil-handling personnel at least once a year, including, but not limited to, known discharges, failures, and malfunctioning components.

Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: Failure to schedule and conduct spill prevention briefings at least once a year. Last briefing was conducted on March 11, 2013. CORRECTIVE ACTION: Conduct spill prevention briefings annually. Provide compliance verification.

Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

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ROY WILSON MAINTENANCE YARD (Continued)

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Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-13-2020
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 06/07/2021. I was not able to determine when the waste oil was picked up for disposal last. Be sure and dispose of all hazardous waste within 180 days.
Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: Failure to comply with all of the following requirements: (1) Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility; (2) Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector; (3) Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan; AND (4) Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years. The last completed "AST Facility Monthly Inspection Report" is dated December 16, 2015. CORRECTIVE ACTION: Conduct tests/inspections in accordance with written procedures and maintain records for 3 years.
Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations.

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ROY WILSON MAINTENANCE YARD (Continued)

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Violation Notes: 5. Contents of the SPCC Plan.
Returned to compliance on 06/12/2018. OBSERVATION: Failure to provide training regarding one or more of the following: (1) The operation and maintenance of equipment to prevent discharges; (2) Discharge procedure protocols; (3) Applicable pollution control laws, rules, and regulations; (4) General facility operations; AND (5) The contents of the SPCC Plan. The last documented draining was dated March 11, 2013. CORRECTIVE ACTION: Provide training in: (1) The operation and maintenance of equipment to prevent discharges; (2) Discharge procedure protocols; (3) Applicable pollution control laws, rules, and regulations; (4) General facility operations; AND (5) The contents of the SPCC Plan.

Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-12-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violation Notes: Returned to compliance on 09/21/2018. Training records could not be found at time of inspection. Train employees yearly as to emergency response and what to do in case of a spill. Keep training records for at least 3 years.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Operator does not keep hazardous waste manifests on site. Keep

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ROY WILSON MAINTENANCE YARD (Continued)

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hazardous waste manifests on site for at least 3 years.

Eval Division: Santa Cruz County Environmental Health
 Eval Program: HW
 Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
 Eval Date: 06-07-2021
 Violations Found: Yes
 Eval Type: Routine done by local agency
 Eval Notes: On site today to observe the management of hazardous materials/waste, training and record keeping. All chemicals are stored properly with secondary containment. Hazardous waste container has proper label filled out and up to date. Training is provided for employees yearly but training records could not be found at time of inspection. Hazardous waste manifests could not be found at time of inspection either. Facility has two above ground tanks, 6,000 gallons of gasoline and 8,000 gallons of diesel. Both tanks were sandblasted and painted last year. Also, a Veeder Root system was added to both tanks. Interstitial space is constantly monitored now and probes keep track of the amounts in tanks. Please update your site map to show the monitoring system. Send copies of training records and hazardous waste manifests to my email within 30 days and keep records on site for at least 3 years.

Eval Division: Santa Cruz County Environmental Health
 Eval Program: HMRRP
 Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
 Eval Date: 06-12-2018
 Violations Found: Yes
 Eval Type: Routine done by local agency
 Eval Notes: Not reported

Eval Division: Santa Cruz County Environmental Health
 Eval Program: APSA
 Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
 Eval Date: 07-17-2019
 Violations Found: No
 Eval Type: Routine done by local agency
 Eval Notes: Not reported

Eval Division: Santa Cruz County Environmental Health
 Eval Program: HW
 Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
 Eval Date: 07-17-2019
 Violations Found: No
 Eval Type: Routine done by local agency
 Eval Notes: On site today to observe the management of hazardous materials/waste, training and record keeping. Also to observe the storage of more than 14,000 gallons of petroleum and the Spill Control, and counter measures plan that is kept on site. The SPCC Plan was written in 2018 and covers all requirements except tank integrity testing. The plan should explain which procedures are required for integrity testing. Both tanks have multiple spots of rust that appears to have become substantial and needs to be repaired, and painted for future

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ROY WILSON MAINTENANCE YARD (Continued)

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protection. the remainder of the chemicals on site were stored properly with secondary containment. Note: The used Bitumen oil needs to be listed as a "Waste". Training records and hazardous materials manifests are kept on site and up to date.

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: On site today to observe the management of hazardous materials and waste, training and record keeping. Hazardous materials are stored properly. Training records and hazardous waste manifests could not be found at time of inspection. Hazardous waste label on the used motor oil tank did not have any of the information written on it. Fill out the hazardous waste label with all of the information including accumulation start date. Keep employee training records and hazardous waste manifests on site for at least 3 years. Send copies of the training and hazardous waste manifests to the Environmental Health Office within 30 days along with a signed copy of the "Return to Compliance" form provided on the last page of this inspection form. SPCC Plan has not been reviewed within the last 5 years. The date on the SPCC Plan is 2012. Review your SPCC Plan within 30 days, sign it and date it. Sign the "Return to Compliance Form" on the back of this inspection and send it in [Truncated]

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2020
Violations Found: No
Eval Type: Routine done by local agency

Eval Notes: On site today to observe the management of hazardous materials, training and record keeping. Hazardous materials are stored properly with secondary containment. Hazardous waste has Haz Waste Labels on them. Shop is kept organized. The paint on the diesel and gasoline tanks is peeling. Tanks need to be wire brushed or sandblasted and painted in near future. To the best of our knowledge the tanks have never been integrity tested. Determine if they need to have integrity testing done for their size and build. The person in charge of the gasoline and diesel tanks has not been trained according to the APSSA regulations. Once training has taken place fill out the "Return to Compliance Form" provided and send a copy of it to the Environmental Health office. No other violations were observed here today. We are not requiring signatures at this time due to Covid-19.

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported

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ROY WILSON MAINTENANCE YARD (Continued)

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Eval Division: Santa Cruz County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Onsite for the annual Certified Unified Program Agency (CUPA) inspection for the storage, use, and disposal of hazardous materials and/or hazardous wastes. Petroleum is defined under Aboveground Petroleum Storage Act (APSA) as crude oil, or a fraction thereof, which is liquid at 60 degrees Fahrenheit (approximately 15.5 degrees Celcius) and 14.7 pounds per square inch (psi) absolute pressure (atmospheric pressure at sea level). The Patcher truck that parks at the southeastern corner of the Public Works Building #2 has a tank labeled BITUMEL that appears to be larger than 55 gallons. During the inspection it was noted that the Bitumel tank was plugged into electrical current via an extension cord to keep the bitumel (bitumen) warm while the Patcher truck is parked and that this is a typical practice. Bitumen (bitumel) typically has a melting point greater than 60 degrees Fahrenheit; however, bitumen melting points varies depending on manufacture brand and designed [Truncated]

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2020
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2020
Violations Found: Yes

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EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 06-12-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 03-23-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 03-23-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 03-23-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: HW

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Database(s)

EDR ID Number
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ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 06-12-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 06-12-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:

Site ID: 149255
Facility Name: ROY WILSON MAINTENANCE YARD
Env Int Type Code: LUSTCS
Program ID: T0608700100
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 36.944233
Longitude: -121.753674

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: BRET TOOHEY
Entity Title: Not reported
Affiliation Address: 2700 Brommer Street
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95062
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DILLON KASS - CENTRAL COAST RWQCB (REGION 3)
Entity Title: Not reported
Affiliation Address: 895 Aerovista Place, Suite 101
Affiliation City: SAN LUIS OBISPO
Affiliation State: CA
Affiliation Country: Not reported

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ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Affiliation Zip: Not reported
Affiliation Phone: 8055493879,

Affiliation Type Desc: Document Preparer
Entity Name: BRET TOOHEY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 701 OCEAN ST, RM 410
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95060
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: HEATHER HANNA - SANTA CRUZ COUNTY
Entity Title: Not reported
Affiliation Address: 701 Ocean Street, Suite 312
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8314544813,

Affiliation Type Desc: Operator
Entity Name: COUNTY OF SANTA CRUZ DPW
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (831) 763-4690,

Affiliation Type Desc: Parent Corporation
Entity Name: COUNTY OF SANTA CRUZ - DPW - ROAD MAINT DIVISION
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Cruz County Environmental Health
Entity Title: Not reported
Affiliation Address: 701 Ocean Boulevard, Suite 312

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Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Affiliation City: Santa Cruz
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95060
Affiliation Phone: (831) 454-2022,

Affiliation Type Desc: Legal Owner
Entity Name: COUNTY OF SANTA CRUZ - PW
Entity Title: Not reported
Affiliation Address: 701 OCEAN ST, RM 410
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95060
Affiliation Phone: (831) 454-2160,

Affiliation Type Desc: Identification Signer
Entity Name: BRET TOOHEY
Entity Title: ASSISTANT SUPERINTENDENT - FLEET
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: COUNTY OF SANTA CRUZ - PW
Entity Title: Not reported
Affiliation Address: 701 OCEAN ST, RM 410
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95060
Affiliation Phone: (831) 454-2160,

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Site ID: 149255
CERS ID: T0608700100
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:
Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-13-2020
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Returned to compliance on 06/07/2021. Inspection records could not be found at time of inspection. Records may be kept at headquarters.
Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

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EDR ID Number
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ROY WILSON MAINTENANCE YARD (Continued)

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Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-07-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 07/23/2021. Training records could not be found at time of inspection. Hold a training within 30 days and send a copy of the sign in sheet to the office of Environmental Health or to my email. Provide refresher training for employees yearly and keep records on site for at least 3 years.
Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-13-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes: Returned to compliance on 08/14/2020. The staff that is responsible for the gasoline and diesel tanks have not been trained per the regulations for APSA, Aboveground Petroleum Storage Act. Make sure the person in charge of the tanks is trained specifically according to the regs in APSA.
Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-17-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards: 1. On a regular schedule. 2. After material repairs are made. 3. By qualified personnel. 4. The frequency and type of testing and inspections based on container size, configuration, and design.
Violation Notes: Returned to compliance on 07/28/2020. The SPCC does not discuss integrity testing procedures.
Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-12-2018
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter

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ROY WILSON MAINTENANCE YARD (Continued)

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Violation Description: 6.67, Section(s) 25270.4.5 (a)
Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.

Violation Notes: Returned to compliance on 06/19/2018. Date on the SPCC Plan is 2012. SPCC Plan must be reviewed every 5 years. Review your SPCC Plan and update if necessary.

Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-12-2018
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)

Violation Description: Failure to include all required information in the tank system assessment.

Violation Notes: Returned to compliance on 06/19/2018. Used oil tank does not have any information written on it. Hazardous Waste labels must all pertinent information written on them including the "Accumulation Start Date".

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)

Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.

Violation Notes: Returned to compliance on 10/13/2019. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. The current SPCC plan is dated January 25, 2011. I also noted that many employees referenced in the SPCC plan no longer work for this facility and new employee names should be updated in the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit verification of proper completion.

Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174

Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.

Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: The last documented weekly inspection in the SPCC plan for the 300 gallon waste oil tank is December 16, 2015. The two 55 gallon bitumen oil waste drums are not being inspected (at least not documented). The owner or operator shall inspect areas used for container storage or transfer, at least weekly, looking for leaking containers and for deterioration of

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ROY WILSON MAINTENANCE YARD (Continued)

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containers and the containment system caused by corrosion and other factors. CORRECTIVE ACTION: Immediately begin conducting the necessary weekly inspections for all hazardous waste containers at this facility and verify with the CUPA within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)

Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: A 55 gallon drum of waste bitumen oil (eastern most drum of bitumen oil of the two drums) has a label with an accumulation start date of September 10, 2013 (greater than 180 days). Facilities who generate less than 1,000 kg of hazardous waste per month and do not exceed 6,000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-17-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards.

Violation Notes: Returned to compliance on 08/16/2019. No proof of any integrity testing was observed during the inspection. This tank has multiple areas of rust that appear to be substantial. Use a wire brush or sandblasting to remove the rust and make sure it is clean to the bare metal. Hire an licensed contractor to perform integrity testing on both tanks to be sure they are safe.

Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter

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ROY WILSON MAINTENANCE YARD (Continued)

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Violation Description: 6.95, Section(s) 25508.1(a)-(f)
Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

Violation Notes: Returned to compliance on 04/07/2017. OBSERVATION: The business plan has not been updated and submitted to this department within 30 days of the retirement of the Primary Emergency Contact noted in the currently electronic submittal in the California Environmental Reporting System (CERS), the addition of 60 gallons of Roundup Custom (EPA Reg. No. 524-343), 60 gallons of Roundup PRO Concentrate (EPA Reg. No. 524-529), 32 gallons of Target Pro-Spreader Activator (Surfactant; CA Reg. No. 1050775-50022), and moving the 55 gallons of turbine oil from "MAP #1 INSIDE BUILDING SOUTH SIDE" to the Drainage Garage. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the CERS within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 03/23/2017. OBSERVATION: A 55 gallon drum filled with waste bitumen oil (eastern drum of the two bitumen drums) was open with a funnel in the open bung. Waste bitumen oil was not being actively added or removed from the 55 gallon drum. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. This violation was corrected during the inspection by taking out the funnel from the open bung and screwing in the bung cap.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training

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ROY WILSON MAINTENANCE YARD (Continued)

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Violation Notes: records for a minimum of three years.
Returned to compliance on 06/12/2018. OBSERVATION: Annual and initial training documentation for all applicable employees was not available. According to the SPCC plan, the last training conducted on March 11, 2013. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 04/07/2017. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The last electronic submittal to the California Environmental Reporting System (CERS) is dated August 11, 2015. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the CERS within 30 days of the issuance of this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-07-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 07/23/2021. Hazardous waste manifests could not be found at time of inspection. Send copies of the hazardous waste manifests to the office of Santa Cruz County Environmental Health or to my email when they are found. Keep all hazardous waste manifests on site for at least 3 years.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-13-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste",

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ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Violation Notes: name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Returned to compliance on 07/13/2020. Observed a faded hazardous waste label on the waste oil tank. I was not able to read any of the writing or dates. Keep all hazardous waste labels filled out properly and easy to read.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 03/23/2017. OBSERVATION: The 300 gallon waste oil tank and one 55 gallon drum of waste bitumen oil (the western most drum of bitumen oil of the two drums) did not have a label with an accumulation date. All hazardous waste containers shall be marked with the following information: (1) The words Hazardous Waste ; (2) Name and address of generator; (3) Hazardous properties; (4) Physical state; (5) Composition (contents); and (6) Accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all containers are marked with all the required information. Since it is unknown how long these containers have been on site (longer than or 180 days), immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by within 30 days of receiving this report.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to include in the SPCC plan and document discharge prevention briefings for oil-handling personnel at least once a year, including, but not limited to, known discharges, failures, and malfunctioning components.

Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: Failure to schedule and conduct spill prevention briefings at least once a year. Last briefing was conducted on March 11, 2013. CORRECTIVE ACTION: Conduct spill prevention briefings annually. Provide compliance verification.

Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255

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EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 07-13-2020
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 06/07/2021. I was not able to determine when the waste oil was picked up for disposal last. Be sure and dispose of all hazardous waste within 180 days.
Violation Division: Santa Cruz County Environmental Health
Violation Program: HW
Violation Source: CERS,
Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: Failure to comply with all of the following requirements: (1) Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility; (2) Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector; (3) Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan; AND (4) Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years. The last completed "AST Facility Monthly Inspection Report" is dated December 16, 2015. CORRECTIVE ACTION: Conduct tests/inspections in accordance with written procedures and maintain records for 3 years.
Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,
Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 03-23-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Violation Notes: Returned to compliance on 06/12/2018. OBSERVATION: Failure to provide training regarding one or more of the following: (1) The operation and maintenance of equipment to prevent discharges; (2) Discharge procedure protocols; (3) Applicable pollution control laws, rules, and regulations; (4) General facility operations; AND (5) The contents of the SPCC Plan. The last documented draining was dated March 11, 2013. CORRECTIVE ACTION: Provide training in: (1) The operation and maintenance of equipment to prevent discharges; (2) Discharge procedure protocols; (3) Applicable pollution control laws, rules, and regulations; (4) General facility operations; AND (5) The contents of the SPCC Plan.

Violation Division: Santa Cruz County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Violation Date: 06-12-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violation Notes: Returned to compliance on 09/21/2018. Training records could not be found at time of inspection. Train employees yearly as to emergency response and what to do in case of a spill. Keep training records for at least 3 years.

Violation Division: Santa Cruz County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Operator does not keep hazardous waste manifests on site. Keep hazardous waste manifests on site for at least 3 years.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Eval Division: Santa Cruz County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: On site today to observe the management of hazardous materials/waste, training and record keeping. All chemicals are stored properly with secondary containment. Hazardous waste container has proper label filled out and up to date. Training is provided for employees yearly but training records could not be found at time of inspection. Hazardous waste manifests could not be found at time of inspection either. Facility has two above ground tanks, 6,000 gallons of gasoline and 8,000 gallons of diesel. Both tanks were sandblasted and painted last year. Also, a Veeder Root system was added to both tanks. Interstitial space is constantly monitored now and probes keep track of the amounts in tanks. Please update your site map to show the monitoring system. Send copies of training records and hazardous waste manifests to my email within 30 days and keep records on site for at least 3 years.

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2019
Violations Found: No
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2019
Violations Found: No
Eval Type: Routine done by local agency

Eval Notes: On site today to observe the management of hazardous materials/waste, training and record keeping. Also to observe the storage of more than 14,000 gallons of petroleum and the Spill Control, and counter measures plan that is kept on site. The SPCC Plan was written in 2018 and covers all requirements except tank integrity testing. The plan should explain which procedures are required for integrity testing. Both tanks have multiple spots of rust that appears to have become substantial and needs to be repaired, and painted for future protection. the remainder of the chemicals on site were stored

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

properly with secondary containment. Note: The used Bitumen oil needs to be listed as a "Waste". Training records and hazardous materials manifests are kept on site and up to date.

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: On site today to observe the management of hazardous materials and waste, training and record keeping. Hazardous materials are stored properly. Training records and hazardous waste manifests could not be found at time of inspection. Hazardous waste label on the used motor oil tank did not have any of the information written on it. Fill out the hazardous waste label with all of the information including accumulation start date. Keep employee training records and hazardous waste manifests on site for at least 3 years. Send copies of the training and hazardous waste manifests to the Environmental Health Office within 30 days along with a signed copy of the "Return to Compliance" form provided on the last page of this inspection form. SPCC Plan has not been reviewed within the last 5 years. The date on the SPCC Plan is 2012. Review your SPCC Plan within 30 days, sign it and date it. Sign the "Return to Compliance Form" on the back of this inspection and send it in [Truncated]

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2020
Violations Found: No
Eval Type: Routine done by local agency

Eval Notes: On site today to observe the management of hazardous materials, training and record keeping. Hazardous materials are stored properly with secondary containment. Hazardous waste has Haz Waste Labels on them. Shop is kept organized. The paint on the diesel and gasoline tanks is peeling. Tanks need to be wire brushed or sandblasted and painted in near future. To the best of our knowledge the tanks have never been integrity tested. Determine if they need to have integrity testing done for their size and build. The person in charge of the gasoline and diesel tanks has not been trained according to the APSA regulations. Once training has taken place fill out the "Return to Compliance Form" provided and send a copy of it to the Environmental Health office. No other violations were observed here today. We are not requiring signatures at this time due to Covid-19.

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Onsite for the annual Certified Unified Program Agency (CUPA) inspection for the storage, use, and disposal of hazardous materials and/or hazardous wastes. Petroleum is defined under Aboveground Petroleum Storage Act (APSA) as crude oil, or a fraction thereof, which is liquid at 60 degrees Fahrenheit (approximately 15.5 degrees Celcius) and 14.7 pounds per square inch (psi) absolute pressure (atmospheric pressure at sea level). The Patcher truck that parks at the southeastern corner of the Public Works Building #2 has a tank labeled BITUMEL that appears to be larger than 55 gallons. During the inspection it was noted that the Bitumel tank was plugged into electrical current via an extension cord to keep the bitumel (bitumen) warm while the Patcher truck is parked and that this is a typical practice. Bitumen (bitumel) typically has a melting point greater than 60 degrees Fahrenheit; however, bitumen melting points varies depending on manufacture brand and designed [Truncated]

Eval Division: Santa Cruz County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2020
Violations Found: Yes
Eval Type: Routine done by local agency

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2020
Violations Found: Yes
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Eval Notes: Not reported
Eval Division: Santa Cruz County Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 06-12-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 03-23-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 03-23-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 03-23-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 06-12-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 149255
Site Name: ROY WILSON MAINTENANCE YARD
Site Address: 198 GRIMMER RD
Site City: WATSONVILLE
Site Zip: 95076
Enf Action Date: 06-12-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Cruz County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:

Site ID: 149255
Facility Name: ROY WILSON MAINTENANCE YARD
Env Int Type Code: LUSTCS
Program ID: T0608700100
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 36.944233
Longitude: -121.753674

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: BRET TOOHEY
Entity Title: Not reported
Affiliation Address: 2700 Brommer Street
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95062
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DILLON KASS - CENTRAL COAST RWQCB (REGION 3)
Entity Title: Not reported
Affiliation Address: 895 Aerovista Place, Suite 101
Affiliation City: SAN LUIS OBISPO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8055493879,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Affiliation Type Desc: Document Preparer
Entity Name: BRET TOOHEY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 701 OCEAN ST, RM 410
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95060
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: HEATHER HANNA - SANTA CRUZ COUNTY
Entity Title: Not reported
Affiliation Address: 701 Ocean Street, Suite 312
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8314544813,

Affiliation Type Desc: Operator
Entity Name: COUNTY OF SANTA CRUZ DPW
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (831) 763-4690,

Affiliation Type Desc: Parent Corporation
Entity Name: COUNTY OF SANTA CRUZ - DPW - ROAD MAINT DIVISION
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Cruz County Environmental Health
Entity Title: Not reported
Affiliation Address: 701 Ocean Boulevard, Suite 312
Affiliation City: Santa Cruz
Affiliation State: CA
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Affiliation Zip: 95060
Affiliation Phone: (831) 454-2022,

Affiliation Type Desc: Legal Owner
Entity Name: COUNTY OF SANTA CRUZ - PW
Entity Title: Not reported
Affiliation Address: 701 OCEAN ST, RM 410
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95060
Affiliation Phone: (831) 454-2160,

Affiliation Type Desc: Identification Signer
Entity Name: BRET TOOHEY
Entity Title: ASSISTANT SUPERINTENDENT - FLEET
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: COUNTY OF SANTA CRUZ - PW
Entity Title: Not reported
Affiliation Address: 701 OCEAN ST, RM 410
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95060
Affiliation Phone: (831) 454-2160,

Name: PVUSD TRANSPORTATION YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Site ID: 540125
CERS ID: 844023
CERS Description: Industrial Facility Storm Water

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-24-2021
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Central Coast Water Board staff identified violations related to waste/materials storage/containment and made recommendations for PVUSD staff to refresh drain inlet protection due to minor sediment accumulation.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: PVUSD Transportation Yard

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROY WILSON MAINTENANCE YARD (Continued)

S106102398

Entity Title: Operator
Affiliation Address: 198 Grimmer Rd
Affiliation City: Watsonville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95076
Affiliation Phone: ,

**A6
SE
1/8-1/4
0.195 mi.
1031 ft.**

**ROY WILSON MAINTENANCE YARD
198 GRIMMER
WATSONVILLE, CA**

**AST A100337639
N/A**

Site 2 of 3 in cluster A

**Relative:
Lower**

AST:

**Actual:
90 ft.**

Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER
City/Zip: WATSONVILLE,
Certified Unified Program Agencies: Santa Cruz
Owner: COUNTY OF SANTA CRUZ - PW
Total Gallons: 14,000
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner Country: Not reported
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A7 **ROY WILSON MAINTENANCE YARD**
SE **198 GRIMMER RD**
1/8-1/4 **WATSONVILLE, CA 95076**
0.195 mi.
1031 ft. **Site 3 of 3 in cluster A**

UST FINDER RELEASE **1029100123**
N/A

Relative: **UST FINDER RELEASE:**
Lower Object ID: 48095
Facility ID: Not reported
Actual: Lust ID: CAT0608700100
90 ft. Name: ROY WILSON MAINTENANCE YARD
Address: 198 GRIMMER RD
City,State,Zip: WATSONVILLE, CA 95076
Address Match Type: StreetAddress
Reported Date: Not reported
Status: Open
Substance: Not reported
Population within 1500ft: 118
Domestic Wells within 1500ft: 2
Land Use: Non-Developed
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 9
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: Geocode
X Coord: -121.75428
Y Coord: 36.94161
Latitude: 36.94160999999999
Longitude: -121.754279999999

8 **SUNBAY FLORIST**
WNW **550 GREEN VALLEY RD S**
1/4-1/2 **WATSONVILLE, CA 95076**
0.314 mi.
1656 ft.

UST FINDER RELEASE **1029113149**
N/A

Relative: **UST FINDER RELEASE:**
Higher Object ID: 47909
Facility ID: Not reported
Actual: Lust ID: CAT0608700081
140 ft. Name: SUNBAY FLORIST
Address: 550 GREEN VALLEY RD S
City,State,Zip: WATSONVILLE, CA 95076
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUNBAY FLORIST (Continued)

1029113149

Substance: Not reported
 Population within 1500ft: 2760
 Domestic Wells within 1500ft: 0
 Land Use: Developed, Medium Intensity
 Within SPA: No
 SPA PWS Facility ID: Not reported
 SPA Water Type: Not reported
 SPA Facility Type: Not reported
 SPA HUC12: Not reported
 Within WHPA: Yes
 WHPA PWS Facility ID: CA4410011_12246
 WHPA Water Type: GW - Ground water
 WHPA Facility Type: WL - Well
 WHPA HUC12: 180600020804
 Within 100yr Floodplain: No
 Tribe: Not reported
 EPA Region: 9
 NFA Letter 1: Not reported
 NFA Letter 2: Not reported
 NFA Letter 3: Not reported
 NFA Letter 4: Not reported
 Closed With Residual Contaminate: Not reported
 Coordinate Source: Geocode
 X Coord: -121.77953
 Y Coord: 36.9260800000001
 Latitude: 36.9260799999999
 Longitude: -121.779529999999

**B9
 SE
 1/4-1/2
 0.395 mi.
 2086 ft.**

**BRAYCOVICH PROPERTY
 118A HOLOHAN RD
 WATSONVILLE, CA 95076
 Site 1 of 2 in cluster B**

**HIST CORTESE S105027320
 N/A**

**Relative:
 Lower
 Actual:
 72 ft.**

HIST CORTESE:
 edr_fname: BRAYCOVICH PROPERTY
 edr_fadd1: 118A HOLOHAN RD
 City,State,Zip: WATSONVILLE, CA 95076
 Region: CORTESE
 Facility County Code: 44
 Reg By: LTNKA
 Reg Id: 2706

**B10
 SE
 1/4-1/2
 0.395 mi.
 2086 ft.**

**BRAYCOVICH PROPERTY
 118-A HOLOHAN RD
 WATSONVILLE, CA 95076
 Site 2 of 2 in cluster B**

**LUST S102425721
 Cortese N/A
 LA Co. Site Mitigation
 CERS**

**Relative:
 Lower
 Actual:
 72 ft.**

LUST:
 Name: BRAYCOVICH PROPERTY
 Address: 118-A HOLOHAN RD
 City,State,Zip: WATSONVILLE, CA 95076
 Lead Agency: SANTA CRUZ COUNTY
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608700129

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Global Id: T0608700129
Latitude: 36.942132506
Longitude: -121.751267792
Status: Completed - Case Closed
Status Date: 01/21/2014
Case Worker: JBG
RB Case Number: Not reported
Local Agency: SANTA CRUZ COUNTY
File Location: Not reported
Local Case Number: RO0000025
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: * GeoTracker web moving tool
Cuf Case: YES
Quantity Released Gallons: Not reported
Begin Date: 05/29/1996
Leak Reported Date: 08/24/1996
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Tank
Discharge Cause: Corrosion
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 01/21/2014
CA Water Watershed Name: Pajaro River - Watsonville (305.10)
Dwr Groundwater Subbasin Name: Corralitos - Pajaro Valley (3-002.01)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 41-45%
CA Enviroscreen 4 Score: 50-55%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
Site History: MRP Information Semi-annual monitoring in wells MW-1,2,3,4,5,6,7,8, EW-1, I-1, and the site domestic well. Analyzed for: TPHg, BTEX, MTBE, and TBA. July 18, 2013: Emailed consultant to get updated status for the requested well destruction report and updated Case Closure Summary due June 27, 2013. October 29, 2013: Still no submittals or reponse to my July 18 email. Called and left a voice message today with the consultant to try and get documentations to move site to case closure.

LUST:

Global Id: T0608700129
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: JOHN B. GERBRANDT
Organization Name: SANTA CRUZ COUNTY
Address: 701 Ocean Street, Room 312
City: SANTA CRUZ
Email: john.gerbrandt@santacruzcounty.us
Phone Number: Not reported

Global Id: T0608700129
Contact Type: Regional Board Caseworker
Contact Name: TOM SAYLES
Organization Name: CENTRAL COAST RWQCB (REGION 3)
Address: 895 AEROVISTA PL, SUITE 101
City: SAN LUIS OBISPO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Email: tom.sayles@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Staff Letter

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 02/20/2001
Action: Staff Letter

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 12/30/2002
Action: Staff Letter

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 08/24/2012
Action: 13267 Requirement

Global Id: T0608700129
Action Type: Other
Date: 05/29/1996
Action: Leak Discovery

Global Id: T0608700129
Action Type: Other
Date: 08/24/1996
Action: Leak Reported

Global Id: T0608700129
Action Type: RESPONSE
Date: 05/16/2003
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608700129
Action Type: RESPONSE
Date: 04/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 07/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 09/30/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Action: Soil and Water Investigation Workplan

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/31/2011
Action: Soil and Water Investigation Report

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/21/2011
Action: Other Workplan

Global Id: T0608700129
Action Type: REMEDIATION
Date: 08/23/2004
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 03/04/2008
Action: Verbal Communication

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 05/24/2002
Action: Staff Letter

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 07/31/2007
Action: * No Action

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 06/19/2009
Action: 13267 Requirement

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 01/06/2012
Action: 13267 Requirement

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 11/30/2002
Action: Interim Remedial Action Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Global Id: T0608700129
Action Type: RESPONSE
Date: 04/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 07/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 04/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 07/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 04/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 07/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 05/20/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE
Date: 05/20/2011
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608700129
Action Type: RESPONSE
Date: 11/20/2011
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608700129
Action Type: RESPONSE
Date: 04/15/2013
Action: Request for Closure - Regulator Responded

Global Id: T0608700129
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Date: 01/16/2014
Action: Well Destruction Report - Regulator Responded

Global Id: T0608700129
Action Type: REMEDIATION
Date: 11/01/1999
Action: Excavation

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 03/12/2007
Action: * No Action

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 02/09/2007
Action: Verbal Communication

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 11/12/2010
Action: 13267 Requirement

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 03/09/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 05/28/2009
Action: 13267 Requirement

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 05/05/2009
Action: File review

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 05/08/2009
Action: Staff Letter

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 03/14/2008
Action: 13267 Monitoring Program

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 01/15/2014
Action: Staff Letter

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 07/18/2013
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 01/21/2014
Action: Closure/No Further Action Letter

Global Id: T0608700129
Action Type: RESPONSE
Date: 10/20/2002
Action: Soil and Water Investigation Report

Global Id: T0608700129
Action Type: RESPONSE
Date: 10/20/2002
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 10/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: REMEDIATION
Date: 08/08/2007
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 09/02/2010
Action: 13267 Requirement

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 06/15/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 05/28/2013
Action: Staff Letter

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 05/13/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 09/02/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608700129
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Date: 01/20/2009
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE
Date: 11/20/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE
Date: 05/20/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE
Date: 10/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 10/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: REMEDIATION
Date: 12/14/2009
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 03/04/2009
Action: File review

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 12/23/2010
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 04/19/2011
Action: Staff Letter

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 08/24/2012
Action: Referral to Local Agency

Global Id: T0608700129
Action Type: ENFORCEMENT
Date: 05/21/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608700129
Action Type: RESPONSE
Date: 11/20/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE
Date: 07/20/2009
Action: Conceptual Site Model

Global Id: T0608700129
Action Type: RESPONSE
Date: 04/20/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 04/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 10/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 07/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700129
Action Type: RESPONSE
Date: 11/20/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608700129
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Date: 08/01/2011
Action: Site Assessment Report

Global Id: T0608700129
Action Type: RESPONSE
Date: 01/30/2012
Action: Request for Closure

Global Id: T0608700129
Action Type: RESPONSE
Date: 06/15/2013
Action: Well Destruction Report

Global Id: T0608700129
Action Type: RESPONSE
Date: 06/27/2013
Action: Well Destruction Report

Global Id: T0608700129
Action Type: RESPONSE
Date: 02/17/2014
Action: Well Destruction Report

LUST:

Global Id: T0608700129
Status: Open - Case Begin Date
Status Date: 05/29/1996

Global Id: T0608700129
Status: Open - Site Assessment
Status Date: 09/26/2000

Global Id: T0608700129
Status: Open - Site Assessment
Status Date: 10/25/2000

Global Id: T0608700129
Status: Open - Remediation
Status Date: 11/19/2002

Global Id: T0608700129
Status: Open - Verification Monitoring
Status Date: 05/30/2003

Global Id: T0608700129
Status: Open - Remediation
Status Date: 06/01/2003

Global Id: T0608700129
Status: Open - Eligible for Closure
Status Date: 05/03/2013

Global Id: T0608700129
Status: Completed - Case Closed
Status Date: 01/21/2014

Global Id: T0608700129

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Status: Completed - Case Closed
Status Date: 01/21/2014

LUST REG 3:

Region: 3
Regional Board: Central Coast Region
Facility County: Santa Cruz
Global ID: T0608700129
Status: Remediation Plan
Case Number: 2706
Local Case Num: Not reported
Case Type: W
Substance: Gasoline
Quantity: Not reported
Abatement Method: Other
Leak Source: Tank
Leak Cause: Corrosion
How Stopped: Not reported
How Discovered: Tank Closure
Release Date: 08/24/1996
Discovered Date: 5/29/96
Enter Date: 09/04/1996
Stop Date: Not reported
Review Date: 06/27/2002
Enforce Date: Not reported
Close Date: Not reported
Enforcement Type: LET
Responsible Party: JANET BANOVA
RP Address: 1214 GRONWALL LANE
Contact: Not reported
Cross Street: Not reported
Local Agency: 44000
Lead Agency: Regional Board
Staff Initials: MTK
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 9/26/00
Pollution Char: 10/25/2000
Remedial Plan: 11/19/02
Remedial Action: Not reported
Monitoring: / /
Pilot Program: LIA
Interim Action: Not reported
Funding: Not reported
MTBE Class: B
Max MTBE Grnd Wtr: 4800
Max MTBE Soil: Not reported
Max MTBE Data: 03/11/2001
MTBE Tested: YES
Lat/Long: 36.94159963 / -121.7624273
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 8
Mtbe Fuel: 2
Org Name: Not reported
Basin Plan: 5.10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

Beneficial: Not reported
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: 3 MONITORING WELLS INSTALLED 9/26/00; ONE 550 GALLON UST REMOVED 5/29/96; MTBE AND BENZENE DETECTED IN GROUNDWATER AT LEVELS ABOVE WQO's. 0.7 PPB MTBE DETECTED IN SITE DOMESTIC WELL ON 10/25/01 (~190' FROM FORMER UST).

CORTESE:

Name: BRAYCOVICH PROPERTY
Address: 118-A HOLOHAN RD
City,State,Zip: WATSONVILLE, CA 95076
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608700129
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

SANTA CRUZ CO SITE MITI:

APN Number: 051-101-24
Name: BRAYCOVICH PROPERTY
Address: 118 -A HOLOHAN RD
City,State,Zip: WATSONVILLE, CA
Case Status: CLOSED
Case Type: Not reported
Global ID: T0608700129
RO Number: 25
Agency: EHS
Closure Letter Date: 1/21/2014
Notes: Not reported

CERS:

Name: BRAYCOVICH PROPERTY
Address: 118-A HOLOHAN RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAYCOVICH PROPERTY (Continued)

S102425721

City,State,Zip: WATSONVILLE, CA 95076
Site ID: 639261
CERS ID: T0608700129
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM SAYLES - CENTRAL COAST RWQCB (REGION 3)
Entity Title: Not reported
Affiliation Address: 895 AEROVISTA PL, SUITE 101
Affiliation City: SAN LUIS OBISPO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN B. GERBRANDT - SANTA CRUZ COUNTY
Entity Title: Not reported
Affiliation Address: 701 Ocean Street, Room 312
Affiliation City: SANTA CRUZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

C11
West
1/4-1/2
0.456 mi.
2407 ft.

ED FURTADO
445 GREEN VALLEY RD
WATSONVILLE, CA 95076

Site 1 of 2 in cluster C

LUST **S106874448**
Cortese **N/A**
HWTS
HAZNET
LA Co. Site Mitigation
CERS

Relative:
Higher

Actual:
118 ft.

LUST:

Name: FURTADO PROPERTY
Address: 445 GREEN VALLEY ROAD
City,State,Zip: WATSONVILLE, CA 95076
Lead Agency: CENTRAL COAST RWQCB (REGION 3)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608736986
Global Id: T0608736986
Latitude: 36.9481855271818
Longitude: -121.766109466553
Status: Completed - Case Closed
Status Date: 12/18/2013
Case Worker: TAS
RB Case Number: 3614
Local Agency: SANTA CRUZ COUNTY
File Location: Regional Board
Local Case Number: RO0000186
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: YES
Quantity Released Gallons: Not reported
Begin Date: 03/16/2004

MAP FINDINGS

ED FURTADO (Continued)

S106874448

Leak Reported Date: 05/13/2004
 How Discovered: Other Means
 How Discovered Description: Not reported
 Discharge Source: Tank
 Discharge Cause: Unknown
 Stop Method: Other Means
 Stop Description: Not reported
 No Further Action Date: 12/18/2013
 CA Water Watershed Name: Pajaro River - Watsonville (305.10)
 Dwr Groundwater Subbasin Name: Corralitos - Pajaro Valley (3-002.01)
 Disadvantaged Community: Not reported
 CA Enviroscreen 3 Score: 46-50%
 CA Enviroscreen 4 Score: 40-45%
 Military DOD Site: No
 Facility Project Subtype: Not reported
 RWQCB Region: CENTRAL COAST RWQCB (REGION 3)

Site History:

The fuel release was initially discovered in February 2004 during a property transaction screening of soil and water. Subsequent investigations included searching for and removing an abandoned gasoline underground storage tank (UST) and soil and groundwater degraded by the fuel release. Underground Storage Tank Discovery and Removal (May-June 2004): Weber, Hayes and Associates (WHA) was contracted to determine if and where an abandoned UST was located. On May 12, 2004, a portion of the existing concrete slab was removed from the small shed adjoining the site's 2-car garage, and an abandoned UST was found. The UST was opened and inspected for residual fuel product. No fuel odors or product were observed. On June 11, 2004, the 350-gallon UST was removed under Environmental Health permit. The UST was measured and its volume was found to be 350 gallons. Abundant corrosion and numerous holes were found in the UST. No soil discoloration or odors were noted in the UST pit. Following UST removal, a soil sample was collected from beneath the base of the UST and analyzed for TPH-g and the volatile organic constituent compounds of BTEX and MTBE, and for lead. The laboratory analytical results indicated there were no hydrocarbons in the base soil sample. Soil and Groundwater Investigation (August 2004): This investigation included collecting continuous soil cores and groundwater samples from seven borings drilled around the former UST location. Results of this investigation include: Laboratory analytical results fingerprinted the detected petroleum hydrocarbon contamination to be aged gasoline (i.e. relatively high levels of Total Petroleum Hydrocarbons as gasoline and relatively low levels of volatile organic constituents compounds [BTEX]). On January 29 and 30, 2008, we performed soil vapor extraction, dual phase extraction, and air sparge pilot tests to determine if these technologies could establish an adequate subsurface airflow as well as remove hydrocarbons from the unsaturated zone at the site. The data from these tests indicate that dual phase extraction combined with air sparging would be technically feasible for remediation of hydrocarbons in soil and groundwater at the site. WHA prepared and submitted a CAP on 6/5/08 that recommended dual phase extraction and air sparging, along with re-injection of treated groundwater, to reduce hydrocarbon concentrations in soil and groundwater to acceptable levels. The Water Board approved the CAP on June 25, 2008. As required by the Water Board, a Corrective Action Implementation Work Plan, describing the time frame for implementing the CAP, was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

submitted on July 30, 2008.

LUST:

Global Id: T0608736986
Contact Type: Local Agency Caseworker
Contact Name: JOHN B. GERBRANDT
Organization Name: SANTA CRUZ COUNTY
Address: 701 Ocean Street, Room 312
City: SANTA CRUZ
Email: john.gerbrandt@santacruzcounty.us
Phone Number: Not reported

Global Id: T0608736986
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: TOM SAYLES
Organization Name: CENTRAL COAST RWQCB (REGION 3)
Address: 895 AEROVISTA PL, SUITE 101
City: SAN LUIS OBISPO
Email: tom.sayles@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 06/16/2005
Action: Staff Letter

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 03/11/2010
Action: 13267 Requirement

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 03/08/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 05/13/2013
Action: Notification - Fee Title Owners Notice

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 07/29/2013
Action: 13267 Requirement

Global Id: T0608736986
Action Type: Other
Date: 05/13/2004
Action: Leak Reported

Global Id: T0608736986
Action Type: RESPONSE
Date: 07/20/2008
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

Global Id: T0608736986
Action Type: RESPONSE
Date: 10/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 01/20/2008
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608736986
Action Type: RESPONSE
Date: 06/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608736986
Action Type: RESPONSE
Date: 12/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608736986
Action Type: REMEDIATION
Date: 10/25/2010
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 06/23/2008
Action: Letter - Notice

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 04/24/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 07/20/2009
Action: 13267 Requirement

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 07/17/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0608736986
Action Type: Other
Date: 03/16/2004
Action: Leak Began

Global Id: T0608736986
Action Type: RESPONSE
Date: 10/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

Date: 01/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 07/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 01/11/2013
Action: Correspondence - Regulator Responded

Global Id: T0608736986
Action Type: RESPONSE
Date: 12/06/2013
Action: Well Destruction Report - Regulator Responded

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 07/18/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 01/16/2009
Action: File review

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 12/22/2008
Action: File review

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 05/28/2009
Action: File review

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 04/03/2009
Action: File review

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 06/08/2009
Action: File review

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 09/16/2010
Action: Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 12/18/2013
Action: Closure/No Further Action Letter

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 01/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/20/2005
Action: Well Installation Report

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/20/2005
Action: Preliminary Site Assessment Workplan

Global Id: T0608736986
Action Type: RESPONSE
Date: 07/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: REMEDIATION
Date: 06/25/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 03/25/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 11/09/2004
Action: Staff Letter

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 11/08/2004
Action: Notice of Responsibility

Global Id: T0608736986
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

Date: 08/18/2008
Action: 13267 Monitoring Program

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 09/05/2008
Action: 13267 Requirement

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 01/26/2009
Action: Staff Letter

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 02/01/2013
Action: Staff Letter

Global Id: T0608736986
Action Type: RESPONSE
Date: 12/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/20/2009
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/01/2009
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 01/20/2009
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 01/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 10/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0608736986
Action Type: RESPONSE
Date: 06/11/2010
Action: Conceptual Site Model

Global Id: T0608736986
Action Type: RESPONSE
Date: 03/26/2010
Action: NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

Global Id: T0608736986
Action Type: REMEDIATION
Date: 09/22/2005
Action: Excavation

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 01/22/2005
Action: Staff Letter

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 04/07/2010
Action: Letter - Notice

Global Id: T0608736986
Action Type: ENFORCEMENT
Date: 05/15/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0608736986
Action Type: Other
Date: 03/16/2004
Action: Leak Discovery

Global Id: T0608736986
Action Type: RESPONSE
Date: 08/01/2008
Action: CAP/RAP - Other Report

Global Id: T0608736986
Action Type: RESPONSE
Date: 02/10/2005
Action: Other Workplan

Global Id: T0608736986
Action Type: RESPONSE
Date: 06/06/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/24/2008
Action: NPDES / WDR Reports

Global Id: T0608736986
Action Type: RESPONSE
Date: 06/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608736986
Action Type: RESPONSE
Date: 12/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608736986
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

Date: 06/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608736986
Action Type: RESPONSE
Date: 12/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608736986
Action Type: RESPONSE
Date: 06/30/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608736986
Action Type: RESPONSE
Date: 04/05/2013
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608736986
Action Type: RESPONSE
Date: 07/13/2013
Action: Other Report / Document

LUST:

Global Id: T0608736986
Status: Open - Case Begin Date
Status Date: 03/16/2004

Global Id: T0608736986
Status: Open - Site Assessment
Status Date: 11/08/2004

Global Id: T0608736986
Status: Open - Site Assessment
Status Date: 05/09/2005

Global Id: T0608736986
Status: Open - Remediation
Status Date: 06/09/2008

Global Id: T0608736986
Status: Open - Remediation
Status Date: 06/13/2008

Global Id: T0608736986
Status: Open - Eligible for Closure
Status Date: 05/09/2013

Global Id: T0608736986
Status: Completed - Case Closed
Status Date: 12/18/2013

CORTESE:

Name: FURTADO PROPERTY
Address: 445 GREEN VALLEY ROAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

City,State,Zip: WATSONVILLE, CA 95076
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608736986
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HWTS:

Name: ED FURTADO
Address: 445 GREEN VALLEY RD
Address 2: Not reported
City,State,Zip: WATSONVILLE, CA 95076
EPA ID: CAC002578452
Inactive Date: 12/28/2004
Create Date: 06/07/2004
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 149 WINGED ELM CIR
Mailing Address 2: Not reported
Mailing City,State,Zip: AIKEN, SC 29803
Owner Name: ED FURTADO
Owner Address: 149 WINGED ELM CIR
Owner Address 2: Not reported
Owner City,State,Zip: AIKEN, CA 29803
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: PAT HOBAN
Contact Address: 120 WESTGATE DR
Contact Address 2: Not reported
City,State,Zip: WATSONVILLE, CA 95076
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 36.948313
Longitude: -121.765395

Name: ED FURTADO
Address: 445 GREEN VALLEY RD
Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

City,State,Zip: WATSONVILLE, CA 95076
EPA ID: CAL000293380
Inactive Date: 06/30/2013
Create Date: 04/19/2005
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 120 WESTGATE DR
Mailing Address 2: Not reported
Mailing City,State,Zip: WATSONVILLE, CA 950760000
Owner Name: ED FURTADO
Owner Address: 149 WINGED ELM CIR
Owner Address 2: Not reported
Owner City,State,Zip: AIKEN, SC 298030000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: JERED CHANEY
Contact Address: 120 WESTGATE DR
Contact Address 2: Not reported
City,State,Zip: WATSONVILLE, CA 950760000
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 36.948074
Longitude: -121.76548

NAICS:

EPA ID: CAL000293380
Create Date: 2005-04-19 14:14:06.673
NAICS Code: 56291
NAICS Description: Remediation Services
Issued EPA ID Date: 2005-04-19 14:14:06.62700
Inactive Date: 2013-06-30 00:00:00
Facility Name: ED FURTADO
Facility Address: 445 GREEN VALLEY RD
Facility Address 2: Not reported
Facility City: WATSONVILLE
Facility County: Not reported
Facility State: CA
Facility Zip: 950761350

HAZNET:

Name: ED FURTADO
Address: 445 GREEN VALLEY RD
Address 2: Not reported
City,State,Zip: WATSONVILLE, CA 950761350
Contact: JERED CHANEY
Telephone: 8317223580
Mailing Name: Not reported
Mailing Address: 120 WESTGATE DR

Year: 2013
Gepaid: CAL000293380
TSD EPA ID: CAD059494310
CA Waste Code: 343 - Unspecified organic liquid mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ED FURTADO (Continued)

S106874448

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0442

Additional Info:

Year: 2013
Gen EPA ID: CAL000293380

Shipment Date: 20130403
Creation Date: 6/19/2013 22:15:16
Receipt Date: 20130411
Manifest ID: 001880734GBF
Trans EPA ID: CAD088838222
Trans Name: BAYSIDE OIL II INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVC
TSDf EPA ID: CAD059494310
Trans Name: CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0442
Waste Quantity: 13
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

SANTA CRUZ CO SITE MITI:

APN Number: 050-201-41
Name: FURTADO PROPERTY
Address: 445 GREEN VALLEY RD
City,State,Zip: WATSONVILLE, CA
Case Status: CLOSED
Case Type: Not reported
Global ID: T0608736986
RO Number: 186
Agency: RWQCB
Closure Letter Date: 12/18/2013
Notes: Not reported

CERS:

Name: FURTADO PROPERTY
Address: 445 GREEN VALLEY ROAD
City,State,Zip: WATSONVILLE, CA 95076
Site ID: 656696
CERS ID: T0608736986
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ED FURTADO (Continued)

S106874448

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: TOM SAYLES - CENTRAL COAST RWQCB (REGION 3)
 Entity Title: Not reported
 Affiliation Address: 895 AEROVISTA PL, SUITE 101
 Affiliation City: SAN LUIS OBISPO
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

C12
West
1/4-1/2
0.456 mi.
2407 ft.

FURTADO PROPERTY
445 GREEN VALLEY ROAD
WATSONVILLE, CA 95076

UST FINDER RELEASE 1028967849
N/A

Site 2 of 2 in cluster C

Relative:
Higher
Actual:
118 ft.

UST FINDER RELEASE:
 Object ID: 48017
 Facility ID: Not reported
 LUST ID: CAT0608736986
 Name: FURTADO PROPERTY
 Address: 445 GREEN VALLEY ROAD
 City,State,Zip: WATSONVILLE, CA 95076
 Address Match Type: PointAddress
 Reported Date: Not reported
 Status: No Further Action
 Substance: Not reported
 Population within 1500ft: 625
 Domestic Wells within 1500ft: 9
 Land Use: Non-Developed
 Within SPA: No
 SPA PWS Facility ID: Not reported
 SPA Water Type: Not reported
 SPA Facility Type: Not reported
 SPA HUC12: Not reported
 Within WHPA: No
 WHPA PWS Facility ID: Not reported
 WHPA Water Type: Not reported
 WHPA Facility Type: Not reported
 WHPA HUC12: Not reported
 Within 100yr Floodplain: No
 Tribe: Not reported
 EPA Region: 9
 NFA Letter 1: Not reported
 NFA Letter 2: Not reported
 NFA Letter 3: Not reported
 NFA Letter 4: Not reported
 Closed With Residual Contaminate: Not reported
 Coordinate Source: Geocode
 X Coord: -121.7657
 Y Coord: 36.9478
 Latitude: 36.9478
 Longitude: -121.765699999999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

13
SW
1/2-1
0.991 mi.
5233 ft.

GREEN VALLEY ROAD ALTERNATIVE EDUCATION FACILITY
229 GREEN VALLEY ROAD
FREEDOM, CA 95019

ENVIROSTOR S108649767
SCH N/A

Relative:
Higher
Actual:
123 ft.

ENVIROSTOR:

Name: GREEN VALLEY ROAD ALTERNATIVE EDUCATION FACILITY
Address: 229 GREEN VALLEY ROAD
City,State,Zip: FREEDOM, CA 95019
Facility ID: 60000685
Status: No Further Action
Status Date: 04/27/2009
Site Code: 204208
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.57
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Mary Gaspari
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: 29
Senate: 17
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 36.93831
Longitude: -121.7717
APN: 048-061-06
Past Use: AGRICULTURAL - LIVESTOCK, RESIDENTIAL AREA
Potential COC: Under Investigation Arsenic Chlordane DDD DDE DDT Endrin Lead
Naturally Occurring Asbestos (NOA)
Confirmed COC: 30001-NO 30004-NO 31001-NO 40002-NO 30013-NO 30006-NO 30007-NO
30008-NO 30010-NO No Contaminants found
Potential Description: SOIL
Alias Name: 048-061-06
Alias Type: APN
Alias Name: 204208
Alias Type: Project Code (Site Code)
Alias Name: 60000685
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/02/2007
Comments: DTSC approved the PEA Workplan Technical Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/09/2009
Comments: DTSC approves the PEA Report with no further action.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREEN VALLEY ROAD ALTERNATIVE EDUCATION FACILITY (Continued)

S108649767

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/27/2009
Comments: Issued the CRU for project closeout based on the 3/9/09 PEA-NFA approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 08/27/2007
Comments: sent fully executed agreement to district

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

SCH:

Name: GREEN VALLEY ROAD ALTERNATIVE EDUCATION FACILITY
Address: 229 GREEN VALLEY ROAD
City,State,Zip: FREEDOM, CA 95019
Facility ID: 60000685
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.57
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Mary Gaspari
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 204208
Assembly: 29
Senate: 17
Special Program Status: Not reported
Status: No Further Action
Status Date: 04/27/2009
Restricted Use: NO
Funding: School District
Latitude: 36.93831
Longitude: -121.7717
APN: 048-061-06
Past Use: AGRICULTURAL - LIVESTOCK, RESIDENTIAL AREA
Potential COC: Under Investigation, Under Investigation, Arsenic, Chlordane, DDD, DDE, DDT, Endrin, Lead, Naturally Occurring Asbestos (NOA 30001-NO, 30004-NO, 31001-NO, 40002-NO, 30013-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, No Contaminants found
Confirmed COC:
Potential Description: SOIL
Alias Name: 048-061-06
Alias Type: APN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREEN VALLEY ROAD ALTERNATIVE EDUCATION FACILITY (Continued)

S108649767

Alias Name: 204208
Alias Type: Project Code (Site Code)
Alias Name: 60000685
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/02/2007
Comments: DTSC approved the PEA Workplan Technical Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/09/2009
Comments: DTSC approves the PEA Report with no further action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/27/2009
Comments: Issued the CRU for project closeout based on the 3/9/09 PEA-NFA approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 08/27/2007
Comments: sent fully executed agreement to district

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

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

DRAFT

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 12/26/2023	Source: EPA
Date Data Arrived at EDR: 01/02/2024	Telephone: N/A
Date Made Active in Reports: 01/24/2024	Last EDR Contact: 03/01/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/26/2023	Source: EPA
Date Data Arrived at EDR: 01/02/2024	Telephone: N/A
Date Made Active in Reports: 01/24/2024	Last EDR Contact: 03/01/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/20/2023
Date Data Arrived at EDR: 12/20/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/20/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2024
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/29/2024	Source: EPA
Date Data Arrived at EDR: 02/01/2024	Telephone: 800-424-9346
Date Made Active in Reports: 02/22/2024	Last EDR Contact: 03/06/2024
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023	Source: EPA
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/03/2023	Source: Department of the Navy
Date Data Arrived at EDR: 08/07/2023	Telephone: 843-820-7326
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 02/02/2024
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2023	Telephone: 703-603-0695
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 02/21/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 10/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2023	Telephone: 703-603-0695
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 02/21/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/12/2023

Date Data Arrived at EDR: 12/13/2023

Date Made Active in Reports: 02/28/2024

Number of Days to Update: 77

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/13/2023

Next Scheduled EDR Contact: 04/01/2024

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/23/2023

Date Data Arrived at EDR: 10/24/2023

Date Made Active in Reports: 01/11/2024

Number of Days to Update: 79

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/23/2024

Next Scheduled EDR Contact: 05/06/2024

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/23/2023

Date Data Arrived at EDR: 10/24/2023

Date Made Active in Reports: 01/11/2024

Number of Days to Update: 79

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/23/2024

Next Scheduled EDR Contact: 05/06/2024

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/06/2023

Date Data Arrived at EDR: 11/07/2023

Date Made Active in Reports: 02/05/2024

Number of Days to Update: 90

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 02/06/2024

Next Scheduled EDR Contact: 05/20/2024

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

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

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

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

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

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

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/27/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 07/01/2011
Number of Days to Update: 47	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

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

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 11/16/2023
Date Data Arrived at EDR: 11/16/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 89

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 11/28/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/30/2023	Telephone: 916-327-7844
Date Made Active in Reports: 02/27/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/04/2023	Source: SWRCB
Date Data Arrived at EDR: 12/05/2023	Telephone: 916-341-5851
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 03/08/2024
Number of Days to Update: 69	Next Scheduled EDR Contact: 06/24/2024
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-7591
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2023	Source: EPA Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-6136
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-9424
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 10/23/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/24/2023	Telephone: 916-323-3400
Date Made Active in Reports: 01/11/2024	Last EDR Contact: 01/23/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/12/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/13/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/13/2023	Telephone: 916-323-7905
Date Made Active in Reports: 03/07/2024	Last EDR Contact: 12/13/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 08/15/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2023	Telephone: 202-566-2777
Date Made Active in Reports: 12/01/2023	Last EDR Contact: 12/14/2023
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/25/2024
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 01/22/2024
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 11/29/2023	Source: Department of Conservation
Date Data Arrived at EDR: 11/29/2023	Telephone: 916-323-3836
Date Made Active in Reports: 02/23/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 11/22/2022	Telephone: 916-341-6422
Date Made Active in Reports: 02/13/2023	Last EDR Contact: 02/20/2024
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/26/2024
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/11/2024
Number of Days to Update: 137	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/17/2024
Number of Days to Update: 176	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/17/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/17/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 02/21/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 10/23/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/24/2023	Telephone: 916-323-3400
Date Made Active in Reports: 01/11/2024	Last EDR Contact: 01/23/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/28/2023	Telephone: 916-255-6504
Date Made Active in Reports: 12/18/2023	Last EDR Contact: 03/08/2024
Number of Days to Update: 81	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/16/2023	Source: CalEPA
Date Data Arrived at EDR: 10/17/2023	Telephone: 916-323-2514
Date Made Active in Reports: 01/09/2024	Last EDR Contact: 01/16/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/17/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/17/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 02/21/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

HIST UST: Hazardous Substance Storage Container Database

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 10/30/2023	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 11/01/2023	Telephone: 415-252-3896
Date Made Active in Reports: 01/23/2024	Last EDR Contact: 01/29/2024
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

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

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

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 11/21/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 11/14/2023
Date Data Arrived at EDR: 12/22/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 85

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/12/2023	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/13/2023	Telephone: 202-366-4555
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 12/13/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 06/01/2023	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/18/2023	Telephone: 916-845-8400
Date Made Active in Reports: 10/05/2023	Last EDR Contact: 01/18/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2023	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/27/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 09/28/2023
Date Data Arrived at EDR: 11/10/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 89

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/11/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 01/29/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 02/02/2024
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 12/14/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 03/25/2024
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2022	Source: EPA
Date Data Arrived at EDR: 11/13/2023	Telephone: 202-566-0250
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 02/15/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/27/2024
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 10/19/2023	Source: EPA
Date Data Arrived at EDR: 10/20/2023	Telephone: 202-564-4203
Date Made Active in Reports: 01/16/2024	Last EDR Contact: 01/17/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

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

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 09/01/2023
Date Data Arrived at EDR: 09/27/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/12/2024
Next Scheduled EDR Contact: 04/19/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/06/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/26/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/20/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/01/2023	Telephone: 301-415-0717
Date Made Active in Reports: 09/20/2023	Last EDR Contact: 01/11/2024
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2022	Source: Department of Energy
Date Data Arrived at EDR: 11/27/2023	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2024	Last EDR Contact: 02/23/2024
Number of Days to Update: 87	Next Scheduled EDR Contact: 06/10/2024
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 02/23/2024
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/10/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/02/2024
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 12/19/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 01/05/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/26/2024
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 11/01/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 88

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 02/22/2024
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 11/28/2023	Source: Department of Interior
Date Data Arrived at EDR: 11/29/2023	Telephone: 202-208-2609
Date Made Active in Reports: 12/11/2023	Last EDR Contact: 03/01/2024
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022	Source: USGS
Date Data Arrived at EDR: 11/22/2022	Telephone: 703-648-6533
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 02/22/2024
Number of Days to Update: 98	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 11/03/2023	Source: EPA
Date Data Arrived at EDR: 11/08/2023	Telephone: (415) 947-8000
Date Made Active in Reports: 11/20/2023	Last EDR Contact: 02/27/2024
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/10/2024
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 02/20/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/17/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/10/2023
Date Data Arrived at EDR: 11/10/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 89

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 12/23/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2023	Telephone: 202-272-0167
Date Made Active in Reports: 01/04/2024	Last EDR Contact: 12/28/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/28/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2023	Telephone: 202-272-0167
Date Made Active in Reports: 01/04/2024	Last EDR Contact: 12/28/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/22/2024
Number of Days to Update: 601	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/28/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2023	Telephone: 202-272-0167
Date Made Active in Reports: 03/04/2024	Last EDR Contact: 12/28/2023
Number of Days to Update: 67	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset, as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 11/30/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/26/2024
Number of Days to Update: 88

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/06/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 11/30/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 11/30/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/30/2023	Telephone: 916-341-5455
Date Made Active in Reports: 02/23/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/13/2023	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 12/13/2023	Telephone: 916-323-3400
Date Made Active in Reports: 03/07/2024	Last EDR Contact: 12/13/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 03/31/2023	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/08/2023	Telephone: 925-454-2361
Date Made Active in Reports: 07/31/2023	Last EDR Contact: 02/09/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016	Source: North Coast Unified Air Quality Management District
Date Data Arrived at EDR: 04/19/2019	Telephone: 707-443-3093
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1473	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019	Source: Northern Sierra Air Quality Management District
Date Data Arrived at EDR: 05/07/2019	Telephone: 530-274-9350
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1455	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Northern Sonoma County County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019	Source: Santa Barbara County Air Pollution Control District
Date Data Arrived at EDR: 04/17/2019	Telephone: 707-433-5911
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019	Source: Santa Barbara County Air Pollution Control District
Date Data Arrived at EDR: 04/17/2019	Telephone: 805-961-8867
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019	Source: Tehama County Air Pollution Control District
Date Data Arrived at EDR: 04/24/2019	Telephone: 530-527-3717
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1468	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 08/15/2023	Source: Sacramento Metropolitan Air Quality Management District
Date Data Arrived at EDR: 08/17/2023	Telephone: 916-874-3958
Date Made Active in Reports: 10/31/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 75	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 07/26/2023	Source: San Luis Obispo County Air Pollution Control District
Date Data Arrived at EDR: 07/27/2023	Telephone: 805-781-5756
Date Made Active in Reports: 10/13/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management District Drycleaner Facility Listing
Butte County Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 04/25/2023	Source: Butte County Air Quality Management District
Date Data Arrived at EDR: 10/18/2023	Telephone: 530-332-9400
Date Made Active in Reports: 01/16/2024	Last EDR Contact: 01/03/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023	Source: Feather River Air Quality Management District
Date Data Arrived at EDR: 03/09/2023	Telephone: 530-634-7659
Date Made Active in Reports: 06/05/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/24/2023	Source: San Joaquin Valley Air Pollution Control District
Date Data Arrived at EDR: 05/30/2023	Telephone: 559-230-6001
Date Made Active in Reports: 08/21/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023	Source: Eastern Kern Air Pollution Control District
Date Data Arrived at EDR: 04/26/2023	Telephone: 661-862-9684
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023	Source: Imperial County Air Pollution Control District
Date Data Arrived at EDR: 04/26/2023	Telephone: 442-265-1800
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023	Source: Mendocino County Air Quality Management District
Date Data Arrived at EDR: 04/28/2023	Telephone: 707-463-4354
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023	Source: Mojave Desert Air Quality Management District
Date Data Arrived at EDR: 04/27/2023	Telephone: 760-245-1661
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/25/2023	Source: Monterey Bay Air Quality Management District
Date Data Arrived at EDR: 04/26/2023	Telephone: 831-647-9411
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023	Source: Shasta County Air Quality Management District
Date Data Arrived at EDR: 04/27/2023	Telephone: 530-225-5674
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 04/25/2023	Source: Yolo-Solano Air Quality Management District
Date Data Arrived at EDR: 04/27/2023	Telephone: 530-757-3650
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023	Source: Placer County Air Quality Management District
Date Data Arrived at EDR: 05/17/2023	Telephone: 530-745-2335
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019	Source: Bay Area Air Quality Management District
Date Data Arrived at EDR: 05/30/2019	Telephone: 415-516-1916
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1432	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019	Source: Calaveras County Environmental Management Agency
Date Data Arrived at EDR: 06/19/2019	Telephone: 209-754-6399
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1412	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List

Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020	Source: California Air Resources Board
Date Data Arrived at EDR: 02/04/2021	Telephone: 916-323-0006
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/26/2024
Number of Days to Update: 816	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019	Source: Lake County Air Quality Management District
Date Data Arrived at EDR: 05/07/2019	Telephone: 707-263-7000
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1455	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/14/2023	Source: South Coast Air Quality Management District
Date Data Arrived at EDR: 11/16/2023	Telephone: 909-396-3211
Date Made Active in Reports: 02/12/2024	Last EDR Contact: 02/20/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 01/04/2024	Source: Ventura County Air Pollution Control District
Date Data Arrived at EDR: 01/16/2024	Telephone: 805-645-1421
Date Made Active in Reports: 02/08/2024	Last EDR Contact: 01/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/21/2023	Source: Antelope Valley Air Quality Management District
Date Data Arrived at EDR: 11/22/2023	Telephone: 661-723-8070
Date Made Active in Reports: 02/16/2024	Last EDR Contact: 02/26/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 06/10/2024
	Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023	Source: Amador Air Quality Management District
Date Data Arrived at EDR: 04/27/2023	Telephone: 209-257-0112
Date Made Active in Reports: 07/13/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 08/31/2023	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/08/2023	Telephone: 916-327-4498
Date Made Active in Reports: 11/27/2023	Last EDR Contact: 03/08/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 06/10/2024
	Data Release Frequency: Annually

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023	Source: Glenn County Air Pollution Control District
Date Data Arrived at EDR: 05/03/2023	Telephone: 530-934-6500
Date Made Active in Reports: 07/25/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/08/2023	Source: San Diego County Air Pollution Control District
Date Data Arrived at EDR: 08/09/2023	Telephone: 858-586-2616
Date Made Active in Reports: 10/26/2023	Last EDR Contact: 08/08/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2021	Source: California Air Resources Board
Date Data Arrived at EDR: 06/09/2023	Telephone: 916-322-2990
Date Made Active in Reports: 08/30/2023	Last EDR Contact: 12/14/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/25/2024
	Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing Financial Assurance information

Date of Government Version: 09/13/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/07/2024
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 0

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 02/07/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/07/2024
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 0

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/07/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/26/2023
Date Data Arrived at EDR: 10/27/2023
Date Made Active in Reports: 01/29/2024
Number of Days to Update: 94

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 02/05/2024
Number of Days to Update: 90

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 12/06/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 02/29/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing

Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities. The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 90

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/01/2021	Telephone: 559-445-5577
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 01/05/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/09/2024
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/27/2024
	Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 12/12/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 11/29/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/29/2023	Telephone: 916-341-5810
Date Made Active in Reports: 02/22/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/22/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/22/2023	Telephone: 866-794-4977
Date Made Active in Reports: 02/16/2024	Last EDR Contact: 02/27/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 06/10/2024
	Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/16/2023	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/17/2023	Telephone: 916-323-2514
Date Made Active in Reports: 01/09/2024	Last EDR Contact: 01/16/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/04/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/05/2023	Telephone: 866-480-1028
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/05/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/17/2024
	Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2023	Telephone: 202-564-0394
Date Made Active in Reports: 01/18/2024	Last EDR Contact: 02/09/2024
Number of Days to Update: 106	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/31/2023	Telephone: 202-564-0394
Date Made Active in Reports: 01/18/2024	Last EDR Contact: 02/09/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

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

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/27/2023
Date Data Arrived at EDR: 09/28/2023
Date Made Active in Reports: 12/18/2023
Number of Days to Update: 81

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 09/12/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/04/2023
Number of Days to Update: 82

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SL CONTRA COSTA: Site List

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

Date of Government Version: 10/20/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 84

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 10/25/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/05/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

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

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 10/11/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 85

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 10/27/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/09/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

Source: N/A
Telephone: N/A
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 10/06/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2023
Date Data Arrived at EDR: 10/09/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 79

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022	Source: Engineering & Construction Division
Date Data Arrived at EDR: 01/12/2023	Telephone: 213-473-7869
Date Made Active in Reports: 03/29/2023	Last EDR Contact: 01/04/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/22/2024
	Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/13/2023
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/13/2023	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 07/13/2023	Telephone: 626-458-6973
Date Made Active in Reports: 09/27/2023	Last EDR Contact: 01/11/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/22/2024
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 12/01/2023	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/13/2023	Telephone: 213-978-3800
Date Made Active in Reports: 12/14/2023	Last EDR Contact: 12/13/2023
Number of Days to Update: 1	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 12/01/2023	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/13/2023	Telephone: 213-978-3800
Date Made Active in Reports: 03/07/2024	Last EDR Contact: 12/13/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 07/11/2023	Source: Community Health Services
Date Data Arrived at EDR: 10/17/2023	Telephone: 323-890-7806
Date Made Active in Reports: 01/09/2024	Last EDR Contact: 01/19/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 01/04/2024
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/22/2024
	Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 01/11/2024
Number of Days to Update: 65	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/12/2023	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 05/02/2023	Telephone: 310-618-2973
Date Made Active in Reports: 06/13/2023	Last EDR Contact: 01/11/2024
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

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

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 02/09/2024
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/27/2024
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 12/18/2023
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/15/2023
Date Data Arrived at EDR: 11/20/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 87

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

NEVADA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA NEVADA: CUPA Facility List CUPA facility list.

Date of Government Version: 10/31/2023
Date Data Arrived at EDR: 11/03/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 81

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Petroleum and non-petroleum spills.

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/09/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 12

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

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

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 01/17/2024
Date Data Arrived at EDR: 01/18/2024
Date Made Active in Reports: 01/26/2024
Number of Days to Update: 8

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 90

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/12/2024
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 81

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

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

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

SAN FRANCISCO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing

a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/15/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 86

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/18/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

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

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 90

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BI SAN MATEO: Business Inventory

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

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/07/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

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

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 11/07/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/16/2023
Number of Days to Update: 8

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

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

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

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

LUST SANTA CLARA: LOP Listing

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

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

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

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 12/05/2023
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 27

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 10/11/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TUOLUMNE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 09/26/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

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

Date of Government Version: 09/26/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/26/2024
Number of Days to Update: 89

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/21/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/03/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 81

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 01/31/2024
Number of Days to Update: 85

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

90 MINTO ROAD
90 MINTO ROAD
WATSONVILLE, CA 95076

TARGET PROPERTY COORDINATES

Latitude (North): 36.94973 - 36° 56' 59.03"
Longitude (West): 121.757297 - 121° 45' 26.27"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 610648.7
UTM Y (Meters): 4089814.0
Elevation: 114 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 50003328 WATSONVILLE WEST, CA
Version Date: 2021

East Map: 50003327 WATSONVILLE EAST, CA
Version Date: 2021

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).

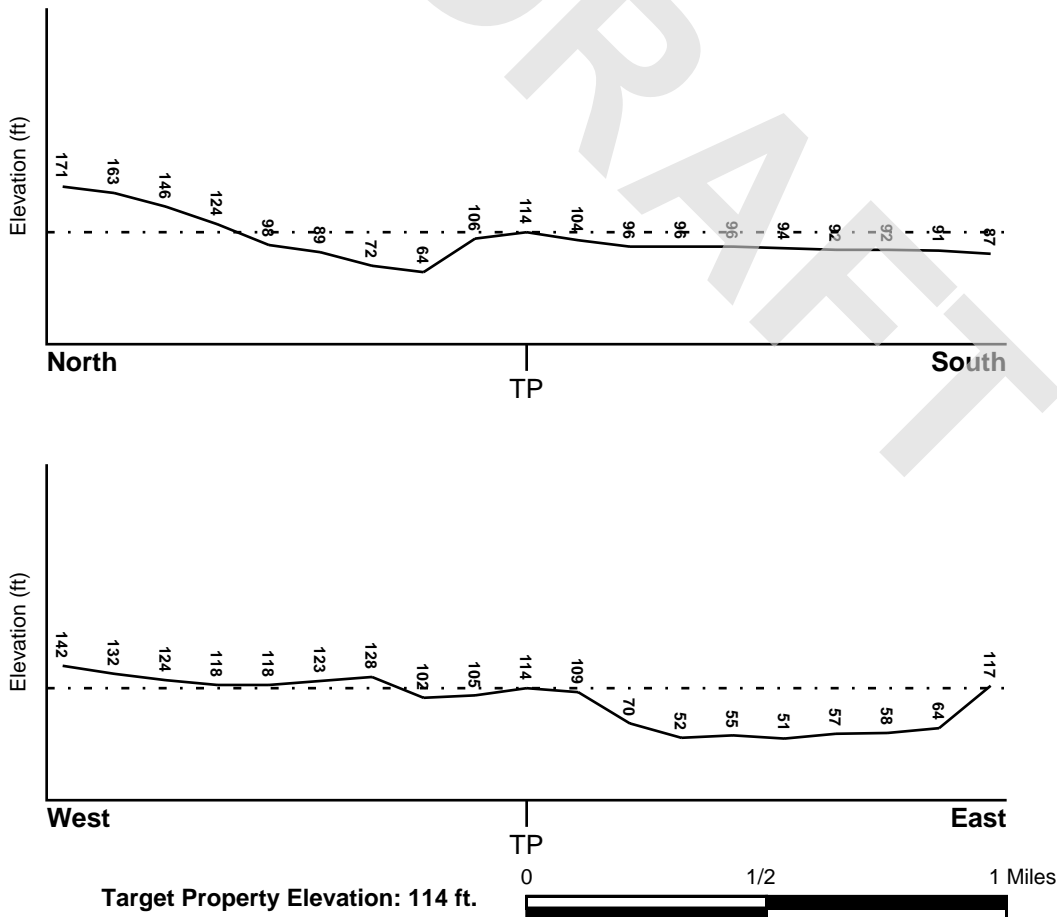
TOPOGRAPHIC INFORMATION

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 NE

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>
06087C0384E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06087C0403E	FEMA FIRM Flood data
06087C0392E	FEMA FIRM Flood data
06087C0411E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
WATSONVILLE WEST	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

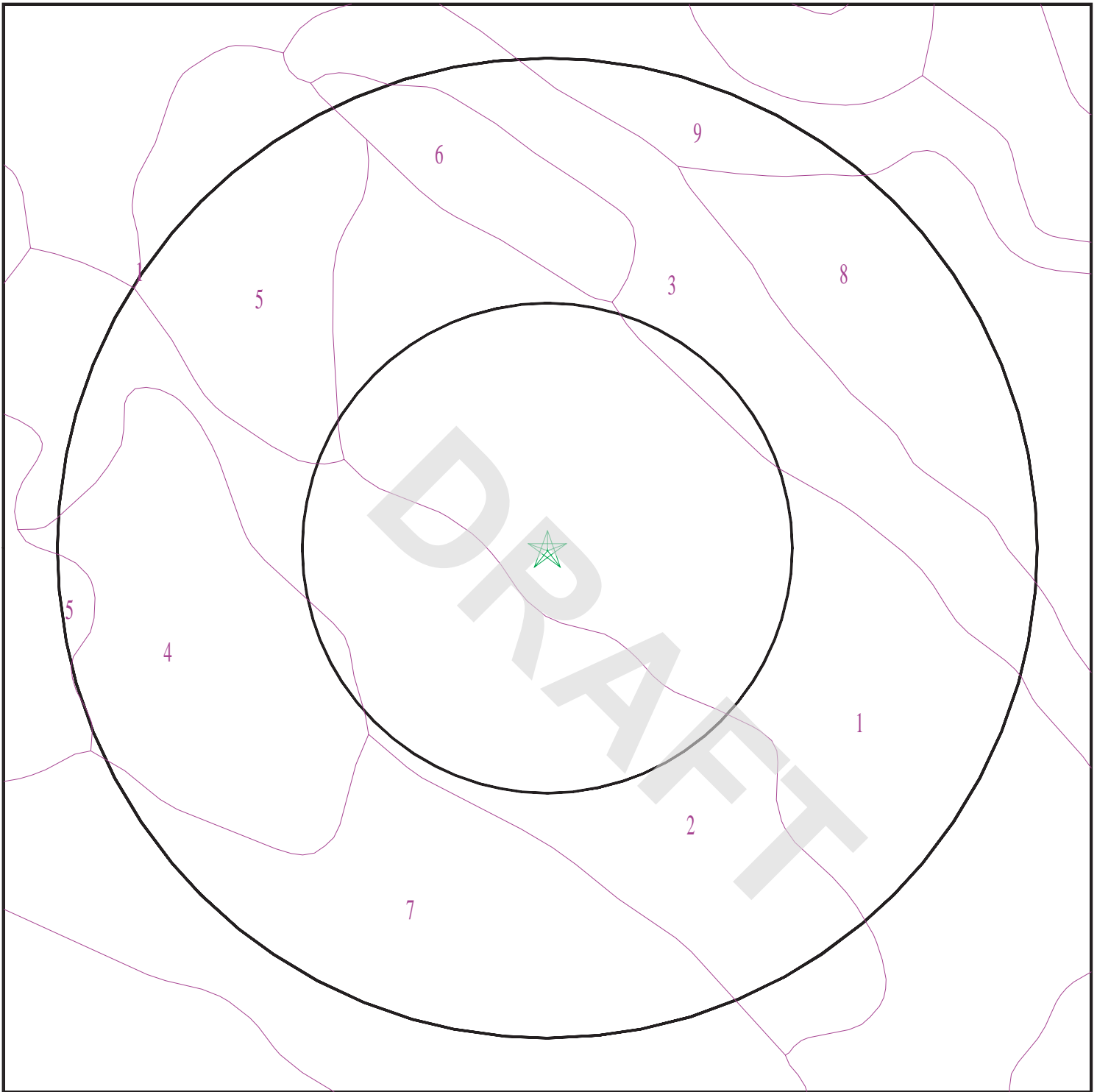
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

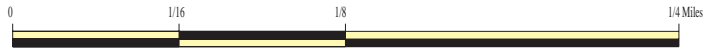
Category: Stratified Sequence

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 - 07592546.2r



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 90 Minto Road
ADDRESS: 90 Minto Road
Watsonville CA 95076
LAT/LONG: 36.94973 / 121.757297

CLIENT: EBI Consulting
CONTACT: Joshua Ritz
INQUIRY #: 07592546.2r
DATE: March 12, 2024 11:26 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: WATSONVILLE

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 114 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	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
2	18 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
3	38 inches	62 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: PINTO

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially 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	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1
2	20 inches	51 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1
3	51 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1

Soil Map ID: 3

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially 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	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	29 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	59 inches	62 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: ELDER

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	31 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 5.6
2	31 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 5.6

Soil Map ID: 5

Soil Component Name: PINTO

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially 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	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	20 inches	51 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1
3	51 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1

Soil Map ID: 6

Soil Component Name: PINTO

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially 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	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	20 inches	51 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1
3	51 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.1

Soil Map ID: 7

Soil Component Name: CONEJO

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially 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	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1

Soil Map ID: 8

Soil Component Name:

CLEAR LAKE

Soil Surface Texture:

clay

Hydrologic Group:

Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:

Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:

> 0 inches

Depth to Watertable Min:

> 137 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	7 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	7 inches	61 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 9

Soil Component Name: WATSONVILLE

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 114 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	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
2	18 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
3	38 inches	62 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

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>
A3	USGS40000179810	0 - 1/8 Mile WNW
B9	USGS40000179751	1/4 - 1/2 Mile SSE
C18	USGS40000179871	1/4 - 1/2 Mile North
G31	USGS40000179767	1/2 - 1 Mile WSW
J49	USGS40000179689	1/2 - 1 Mile SSE
K54	USGS40000179901	1/2 - 1 Mile NE
56	USGS40000179684	1/2 - 1 Mile SSE
L64	USGS40000179675	1/2 - 1 Mile SSE
P70	USGS40000179703	1/2 - 1 Mile SE
R83	USGS40000179806	1/2 - 1 Mile West

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	CAEDF0000029469	0 - 1/8 Mile WNW
A2	CAUSGSN00010056	0 - 1/8 Mile WNW
A4	CAEDF0000018167	0 - 1/8 Mile West
5	CADWR0000021974	1/8 - 1/4 Mile North
6	CAEDF0000023690	1/8 - 1/4 Mile East
7	CADPR0000002031	1/8 - 1/4 Mile SSW
8	CAEDF0000027509	1/4 - 1/2 Mile WSW
B10	CAUSGSN00003381	1/4 - 1/2 Mile SE
B11	CAEDF0000134273	1/4 - 1/2 Mile SSE
12	CADWR0000009149	1/4 - 1/2 Mile North
B13	CAEDF0000131084	1/4 - 1/2 Mile SSE
14	CADDW2000014087	1/4 - 1/2 Mile NNE
B15	CAEDF0000120728	1/4 - 1/2 Mile SSE
C16	CAUSGSN00013148	1/4 - 1/2 Mile North
D17	CAEDF0000112937	1/4 - 1/2 Mile SSE
D19	CAEDF0000123468	1/4 - 1/2 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E20	CAEDF0000024951	1/4 - 1/2 Mile SSW
21	CADWR0000031960	1/4 - 1/2 Mile NNE
E22	CAEDF0000028592	1/4 - 1/2 Mile SSW
F23	CAEDF0000082651	1/4 - 1/2 Mile WSW
24	CAEDF0000028009	1/4 - 1/2 Mile NE
F25	CAEDF0000073765	1/4 - 1/2 Mile WSW
F26	CAEDF0000103301	1/4 - 1/2 Mile WSW
F27	CAEDF0000014029	1/4 - 1/2 Mile WSW
F28	CAEDF0000067287	1/2 - 1 Mile WSW
F29	CAEDF0000029696	1/2 - 1 Mile WSW
G30	CAUSGSN00017271	1/2 - 1 Mile WSW
H32	CAEDF0000026657	1/2 - 1 Mile SSE
H33	CAEDF0000021324	1/2 - 1 Mile SSE
34	CADWR0000022573	1/2 - 1 Mile SW
35	CAEDF0000030867	1/2 - 1 Mile South
I36	CAEDF0000028075	1/2 - 1 Mile SSW
H37	CAEDF0000001987	1/2 - 1 Mile SSE
38	CAEDF0000030601	1/2 - 1 Mile West
I39	CAEDF0000031169	1/2 - 1 Mile SSW
H40	CAEDF0000103564	1/2 - 1 Mile SSE
H41	CAEDF0000133891	1/2 - 1 Mile SSE
H42	CAEDF0000057851	1/2 - 1 Mile SSE
43	CAEDF0000026646	1/2 - 1 Mile SSW
H44	CAEDF0000112959	1/2 - 1 Mile SSE
H45	CAEDF0000009297	1/2 - 1 Mile SE
I46	CADWR0000024686	1/2 - 1 Mile SSW
47	CADWR0000008866	1/2 - 1 Mile NE
48	CAEDF0000007451	1/2 - 1 Mile SSE
J50	CAUSGSN00006016	1/2 - 1 Mile SSE
K51	CAEDF0000025891	1/2 - 1 Mile NE
J52	CAEDF0000027623	1/2 - 1 Mile SSE
J53	CAEDF0000030906	1/2 - 1 Mile SSE
K55	CAUSGSN00014518	1/2 - 1 Mile NE
57	CAEDF0000013565	1/2 - 1 Mile North
58	CAEDF0000000857	1/2 - 1 Mile NE
59	CADWR0000011301	1/2 - 1 Mile WSW
L60	CAEDF0000025751	1/2 - 1 Mile SSE
L61	CAEDF0000029140	1/2 - 1 Mile SSE
M62	CAEDF0000013483	1/2 - 1 Mile NW
M63	CAEDF0000025019	1/2 - 1 Mile NW
N65	CADWR0000024927	1/2 - 1 Mile SSE
N66	CADWR0000020909	1/2 - 1 Mile SSE
L67	CAUSGSN00015487	1/2 - 1 Mile SSE
68	CAEDF0000030772	1/2 - 1 Mile NNW
O69	CAEDF0000025453	1/2 - 1 Mile West
Q71	CAEDF0000028522	1/2 - 1 Mile WSW
P72	CAUSGSN00017423	1/2 - 1 Mile SE
73	CAEDF0000030667	1/2 - 1 Mile SW
Q74	CAEDF0000028433	1/2 - 1 Mile WSW
75	CAEDF0000026016	1/2 - 1 Mile SSE
76	CAEDF0000025846	1/2 - 1 Mile SSW
77	CADWR0000013806	1/2 - 1 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

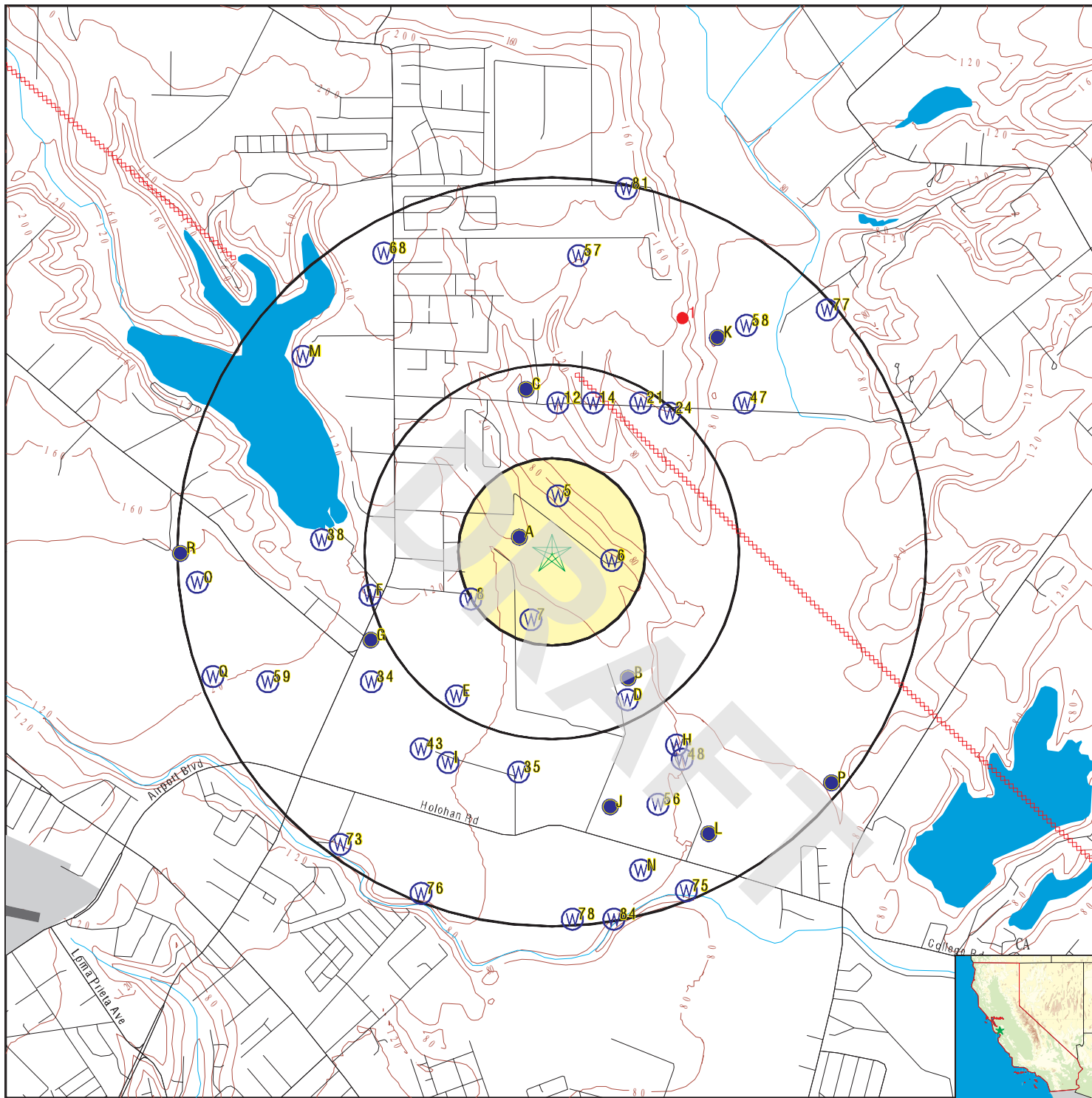
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
78	CAEDF0000024937	1/2 - 1 Mile South
O79	CADWR0000030466	1/2 - 1 Mile West
P80	CAEDF0000025241	1/2 - 1 Mile SE
81	CAEDF0000029356	1/2 - 1 Mile NNE
R82	CAEDF0000026708	1/2 - 1 Mile West
84	CAEDF0000024939	1/2 - 1 Mile South

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

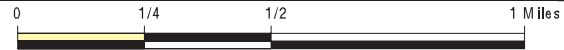
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG17000007793	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 07592546.2r



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

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



SITE NAME: 90 Minto Road
 ADDRESS: 90 Minto Road
 Watsonville CA 95076
 LAT/LONG: 36.94973 / 121.757297

CLIENT: EBI Consulting
 CONTACT: Joshua Ritz
 INQUIRY #: 07592546.2r
 DATE: March 12, 2024 11:26 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
WNW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000029469

Well ID:	AGL020005105-MINTO174_I	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	MINTO174_I
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020005105&assigned_name=MINTO174_I&store_num=		
GeoTracker Data:	Not Reported		

A2
WNW
0 - 1/8 Mile
Higher

CA WELLS CAUSGSN00010056

Well ID:	USGS-365702121452801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-365702121452801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&sa mp_date=&global_id=&assigned_name=USGS-365702121452801&store_num=		
GeoTracker Data:	Not Reported		

A3
WNW
0 - 1/8 Mile
Higher

FED USGS USGS40000179810

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011S002E28F001M	Type:	Well
Description:	Not Reported	HUC:	18060002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Aromas Red Sand	Aquifer Type:	Not Reported
Construction Date:	19430101	Well Depth:	265
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	24	Level reading date:	1983-09-09
Feet below surface:	110.74	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1983-03-10	Feet below surface:	96.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-09-15	Feet below surface:	112.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-08-09	Feet below surface:	138.22
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1982-03-12	Feet below surface:	99.79

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-08-19	Feet below surface:	115.19
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1981-04-24	Feet below surface:	100.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-11-12	Feet below surface:	104.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-08-20	Feet below surface:	109.32
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1980-04-18	Feet below surface:	99.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-21	Feet below surface:	104.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-23	Feet below surface:	112.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-16	Feet below surface:	100.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-21	Feet below surface:	115.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-08-10	Feet below surface:	112.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-04-13	Feet below surface:	97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10-14	Feet below surface:	122
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04-20	Feet below surface:	110.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-18	Feet below surface:	89.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-05	Feet below surface:	96.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-12-03	Feet below surface:	97.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12-01	Feet below surface:	96.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-12-02	Feet below surface:	93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-01-05	Feet below surface:	92.8
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
West
0 - 1/8 Mile
Lower

CA WELLS CAEDF0000018167

Well ID: AGL020007595-AG_78MINTO Well Type: MONITORING
Source: Agricultural Lands Other Name: AG_78MINTO
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020007595&assigned_name=AG_78MINTO&store_num=
GeoTracker Data: Not Reported

5
North
1/8 - 1/4 Mile
Lower

CA WELLS CADWR0000021974

Well ID: 11S02E28C001M Well Type: UNK
Source: Department of Water Resources
Other Name: 11S02E28C001M GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E28C001M&store_num=
GeoTracker Data: Not Reported

6
East
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000023690

Well ID: AGL020027883-MINTO_710 Well Type: MONITORING
Source: Agricultural Lands Other Name: MINTO_710
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020027883&assigned_name=MINTO_710&store_num=
GeoTracker Data: Not Reported

7
SSW
1/8 - 1/4 Mile
Lower

CA WELLS CADPR000002031

Well ID: 94640 Well Type: UNK
Source: Department of Pesticide Regulation
Other Name: 94640 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=94640&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

8
WSW
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000027509

Well ID:	AGL020008563-AG_WELL_HO	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AG_WELL_HO
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020008563&assigned_name=AG_WELL_HO&store_num=		
GeoTracker Data:	Not Reported		

B9
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000179751

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011S002E28K001M	Type:	Well
Description:	Not Reported	HUC:	18060002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	15	Level reading date:	1983-08-15
Feet below surface:	97.66	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1983-03-15	Feet below surface:	81.19
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1982-08-16	Feet below surface:	99.86
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1982-08-12	Feet below surface:	122.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-03-12	Feet below surface:	86.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-08-14	Feet below surface:	106.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-04-22	Feet below surface:	88.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-11-11	Feet below surface:	94.2
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1980-08-13	Feet below surface:	107.66
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

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Level reading date:	1980-04-18	Feet below surface:	93.54
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1979-11-19	Feet below surface:	95.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-15	Feet below surface:	105.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-18	Feet below surface:	93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-22	Feet below surface:	95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-08-10	Feet below surface:	104
Feet to sea level:	Not Reported	Note:	Not Reported

**B10
SE
1/4 - 1/2 Mile
Lower**

CA WELLS CAUSGSN00003381

Well ID:	USGS-365643121450901	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-365643121450901	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp_date=&global_id=&assigned_name=USGS-365643121450901&store_num=		
GeoTracker Data:	Not Reported		

**B11
SSE
1/4 - 1/2 Mile
Lower**

CA WELLS CAEDF0000134273

Well ID:	T0608700100-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700100&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700100&assigned_name=MW-4		

**12
North
1/4 - 1/2 Mile
Lower**

CA WELLS CADWR0000009149

Well ID:	11S02E21P002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	11S02E21P002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E21P002M&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B13
SSE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000131084

Well ID:	T0608700100-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700100&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700100&assigned_name=MW-5		

14
NNE
1/4 - 1/2 Mile
Higher

CA WELLS CADDW2000014087

GAMA:

Well ID:	CA4400543_002_002	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	4400543-002
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA4400543_002_002&store_num=		
GeoTracker Data:	Not Reported		

B15
SSE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000120728

Well ID:	T0608700100-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700100&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700100&assigned_name=MW-3		

C16
North
1/4 - 1/2 Mile
Lower

CA WELLS CAUSGSN00013148

Well ID:	USGS-365722121452701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-365722121452701	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-365722121452701&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D17
SSE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000112937

Well ID:	T0608700100-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700100&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700100&assigned_name=MW-2		

C18
North
1/4 - 1/2 Mile
Lower

FED USGS USGS40000179871

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011S002E28C002M	Type:	Well
Description:	Not Reported	HUC:	18060002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19500101	Well Depth:	250
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	18	Level reading date:	1980-11-14
Feet below surface:	69.8	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		

Level reading date:	1980-08-14	Feet below surface:	64.35
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

Level reading date:	1980-04-17	Feet below surface:	57.45
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

Level reading date:	1979-11-21	Feet below surface:	45.29
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-08-15	Feet below surface:	46.08
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-04-18	Feet below surface:	77.8
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1978-11-21	Feet below surface:	48
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1978-08-08	Feet below surface:	48.5
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1978-04-13	Feet below surface:	38
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1977-10-14	Feet below surface:	71.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04-20	Feet below surface:	74.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-17	Feet below surface:	44.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-05	Feet below surface:	45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-12-03	Feet below surface:	44.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12-01	Feet below surface:	48.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12	Feet below surface:	48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-12-02	Feet below surface:	65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-01-07	Feet below surface:	67.5
Feet to sea level:	Not Reported	Note:	Not Reported

D19
SSE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000123468

Well ID:	T0608700100-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700100&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700100&assigned_name=MW-1		

E20
SSW
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000024951

Well ID:	AGL020001623-AG WELL	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AG WELL
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020001623&assigned_name=AG WELL&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

21
NNE
1/4 - 1/2 Mile
Higher

CA WELLS CADWR0000031960

Well ID: 11S02E21Q002M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 11S02E21Q002M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E21Q002M&store_num=
 GeoTracker Data: Not Reported

E22
SSW
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000028592

Well ID: AGL020004112-PSI Well Type: MONITORING
 Source: Agricultural Lands Other Name: PSI
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020004112&assigned_name=PSI&store_num=
 GeoTracker Data: Not Reported

F23
WSW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000082651

Well ID: T0608736986-MW-5 Well Type: MONITORING
 Source: EDF Other Name: MW-5
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608736986&assigned_name=MW-5&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608736986&assigned_name=MW-5

24
NE
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000028009

Well ID: AGL020027546-AG_PAULSEN Well Type: MONITORING
 Source: Agricultural Lands Other Name: AG_PAULSEN
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020027546&assigned_name=AG_PAULSEN&store_num=
 GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F25
WSW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000073765

Well ID:	T0608736986-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608736986&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608736986&assigned_name=MW-3		

F26
WSW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000103301

Well ID:	T0608736986-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608736986&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608736986&assigned_name=MW-4		

F27
WSW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000014029

Well ID:	T0608736986-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608736986&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608736986&assigned_name=MW-1		

F28
WSW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000067287

Well ID:	T0608736986-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608736986&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608736986&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F29
WSW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000029696

Well ID:	AGL020004504-WELL_31	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	WELL_31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020004504&assigned_name=WELL_31&store_num=		
GeoTracker Data:	Not Reported		

G30
WSW
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00017271

Well ID:	USGS-365647121455401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-365647121455401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW& amp_date=&global_id=&assigned_name=USGS-365647121455401&store_num=		
GeoTracker Data:	Not Reported		

G31
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40000179767

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011S002E29J001M	Type:	Well
Description:	Not Reported	HUC:	18060002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	17	Level reading date:	1980-11-11
Feet below surface:	132.28	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1980-08-13	Feet below surface:	131.18
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

Level reading date:	1980-04-17	Feet below surface:	115.79
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-11-20	Feet below surface:	129.38
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-08-16	Feet below surface:	119.60
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-16	Feet below surface:	108.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-21	Feet below surface:	112.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-08-08	Feet below surface:	117.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-04-13	Feet below surface:	105.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10-13	Feet below surface:	119.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04-19	Feet below surface:	113.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-22	Feet below surface:	0.00
Feet to sea level:	Not Reported		
Note:	Other conditions existed that would affect the measured water level.		
Level reading date:	1974-11-05	Feet below surface:	103.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-11-27	Feet below surface:	108.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12-01	Feet below surface:	104.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-12-02	Feet below surface:	0.00
Feet to sea level:	Not Reported		
Note:	Other conditions existed that would affect the measured water level.		
Level reading date:	1970-01-13	Feet below surface:	101.4
Feet to sea level:	Not Reported	Note:	Not Reported

**H32
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000026657

Well ID:	AGL020004900-BRAY4A_I	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	BRAY4A_I
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020004900&assigned_name=BRAY4A_I&store_num=		
GeoTracker Data:	Not Reported		

**H33
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000021324

Well ID:	AGL020004481-AG_WELL_BR	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AG_WELL_BR

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sample_date=&global_id=AGL020004481&assigned_name=AG_WELL_BR&store_num=
 GeoTracker Data: Not Reported

34
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000022573

Well ID: 11S02E29J001M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 11S02E29J001M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&sample_date=&global_id=&assigned_name=11S02E29J001M&store_num=
 GeoTracker Data: Not Reported

35
South
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000030867

Well ID: AGL020004901-SVBGRIMM_I Well Type: MONITORING
 Source: Agricultural Lands Other Name: SVBGRIMM_I
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sample_date=&global_id=AGL020004901&assigned_name=SVBGRIMM_I&store_num=
 GeoTracker Data: Not Reported

I36
SSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000028075

Well ID: AGL020001933-WELL34_IRR Well Type: MONITORING
 Source: Agricultural Lands Other Name: WELL34_IRR
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sample_date=&global_id=AGL020001933&assigned_name=WELL34_IRR&store_num=
 GeoTracker Data: Not Reported

H37
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000001987

Well ID: T0608700129-MW-7 Well Type: MONITORING
 Source: EDF Other Name: MW-7
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&sample_date=&global_id=T0608700129&assigned_name=MW-7&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700129&assigned_name=MW-7

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

38
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000030601

Well ID: AGL020003866-COWLES_R1 Well Type: MONITORING
Source: Agricultural Lands Other Name: COWLES_R1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sample_date=&global_id=AGL020003866&assigned_name=COWLES_R1&store_num=
GeoTracker Data: Not Reported

139
SSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000031169

Well ID: AGL020004889-HOLOH1A_I Well Type: MONITORING
Source: Agricultural Lands Other Name: HOLOH1A_I
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sample_date=&global_id=AGL020004889&assigned_name=HOLOH1A_I&store_num=
GeoTracker Data: Not Reported

H40
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000103564

Well ID: T0608700129-MW-4 Well Type: MONITORING
Source: EDF Other Name: MW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&sample_date=&global_id=T0608700129&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700129&assigned_name=MW-4

H41
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000133891

Well ID: T0608700129-MW-2 Well Type: MONITORING
Source: EDF Other Name: MW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&sample_date=&global_id=T0608700129&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700129&assigned_name=MW-2

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H42
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000057851

Well ID:	T0608700129-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700129&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700129&assigned_name=MW-1		

43
SSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000026646

Well ID:	AGL020004896-JEREN7A_I	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	JEREN7A_I
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020004896&assigned_name=JEREN7A_I&store_num=		
GeoTracker Data:	Not Reported		

H44
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000112959

Well ID:	T0608700129-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700129&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700129&assigned_name=MW-3		

H45
SE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000009297

Well ID:	T0608700129-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700129&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700129&assigned_name=MW-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I46
SSW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000024686

Well ID: 11S02E28N001M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 11S02E28N001M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E28N001M&store_num=
 GeoTracker Data: Not Reported

47
NE
1/2 - 1 Mile
Lower

CA WELLS CADWR0000008866

Well ID: 11S02E21R001M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 11S02E21R001M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E21R001M&store_num=
 GeoTracker Data: Not Reported

48
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000007451

Well ID: T0608700129-MW-6 Well Type: MONITORING
 Source: EDF Other Name: MW-6
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608700129&assigned_name=MW-6&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608700129&assigned_name=MW-6

J49
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000179689

Organization ID: USGS-CA
 Organization Name: USGS California Water Science Center
 Monitor Location: 011S002E33C001M Type: Well
 Description: Not Reported HUC: 18060002
 Drainage Area: Not Reported Drainage Area Units: Not Reported
 Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported
 Aquifer: California Coastal Basin aquifers
 Formation Type: Not Reported Aquifer Type: Not Reported
 Construction Date: 19340101 Well Depth: 125
 Well Depth Units: ft Well Hole Depth: Not Reported
 Well Hole Depth Units: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	23	Level reading date:	1983-03-15
Feet below surface:	71.44	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1982-08-12	Feet below surface:	88.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-03-12	Feet below surface:	76.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-08-19	Feet below surface:	90.81
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1981-04-22	Feet below surface:	78.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-11-11	Feet below surface:	83.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-08-11	Feet below surface:	92.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-18	Feet below surface:	79.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-19	Feet below surface:	85.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-24	Feet below surface:	93.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-18	Feet below surface:	82.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-22	Feet below surface:	85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-08-08	Feet below surface:	97.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-04-13	Feet below surface:	77.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10-14	Feet below surface:	89.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04-20	Feet below surface:	84.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-23	Feet below surface:	71.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-05	Feet below surface:	84.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-11-20	Feet below surface:	80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12	Feet below surface:	78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-12-02	Feet below surface:	72

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-12-01	Feet below surface:	77.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-01-06	Feet below surface:	71.9
Feet to sea level:	Not Reported	Note:	Not Reported

**J50
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAUSGSN00006016

Well ID:	USGS-365625121451201	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-365625121451201	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&store_num=&global_id=&assigned_name=USGS-365625121451201		
GeoTracker Data:	Not Reported		

**K51
NE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000025891

Well ID:	AGL020032779-PAULSEN	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	PAULSEN
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&store_num=&global_id=AGL020032779&assigned_name=PAULSEN		
GeoTracker Data:	Not Reported		

**J52
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000027623

Well ID:	AGL020004900-CCGC_0532	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	CCGC_0532
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&store_num=&global_id=AGL020004900&assigned_name=CCGC_0532		
GeoTracker Data:	Not Reported		

**J53
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000030906

Well ID:	AGC100000001-CCGC_0532	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	CCGC_0532
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&store_num=&global_id=AGC100000001&assigned_name=CCGC_0532		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

K54
NE
1/2 - 1 Mile
Lower

FED USGS USGS40000179901

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011S002E21R001M	Type:	Well
Description:	Not Reported	HUC:	18060002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Alluvium of the Coast Range, Younger (Pleistocene-Holocene)		
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	174	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	14	Level reading date:	1983-08-16
Feet below surface:	65.53	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1983-03-15	Feet below surface:	54.15
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-08-12	Feet below surface:	70.78
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-03-12	Feet below surface:	59.23
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-08-14	Feet below surface:	75.09
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

Level reading date:	1981-04-24	Feet below surface:	62.11
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-11-14	Feet below surface:	68.49
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-08-14	Feet below surface:	74.97
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-04-17	Feet below surface:	62.72
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-11-21	Feet below surface:	68.68
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-08-16	Feet below surface:	76.89
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

Level reading date:	1979-04-18	Feet below surface:	64.6
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1978-11-22	Feet below surface:	69.6
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1971-12-23	Feet below surface:	59.00
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K55
NE
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00014518

Well ID:	USGS-365729121445301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-365729121445301	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-365729121445301&store_num=		
GeoTracker Data:	Not Reported		

56
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000179684

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center		
Monitor Location:	011S002E28Q001M	HUC:	18060002
Description:	Not Reported	Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Aquifer:	California Coastal Basin aquifers
Aquifer:	California Coastal Basin aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	Not Reported
Construction Date:	19200101	Well Hole Depth:	Not Reported
Well Depth Units:	Not Reported		
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	17	Level reading date:	1981-03-18
Feet below surface:	65.12	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1980-11-11	Feet below surface:	72.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-08-13	Feet below surface:	75.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-18	Feet below surface:	51.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-19	Feet below surface:	72.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-15	Feet below surface:	76.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-18	Feet below surface:	67.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-22	Feet below surface:	73.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-08-08	Feet below surface:	88.4
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1978-04-13	Feet below surface:	58.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-18	Feet below surface:	56.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-05	Feet below surface:	64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-12-03	Feet below surface:	0.00
Feet to sea level:	Not Reported	Note:	Other conditions existed that would affect the measured water level.
Level reading date:	1971-12-01	Feet below surface:	66.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12	Feet below surface:	66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-12-02	Feet below surface:	63.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-01-07	Feet below surface:	62
Feet to sea level:	Not Reported	Note:	Not Reported

57
North
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000013565

Well ID:	AGC10000001-CCGC_0333	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	CCGC_0333
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGC10000001&assigned_name=CCGC_0333&store_num=		
GeoTracker Data:	Not Reported		

58
NE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000000857

Well ID:	AGL020000743-AG_TADA	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AG_TADA
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020000743&assigned_name=AG_TADA&store_num=		
GeoTracker Data:	Not Reported		

59
WSW
1/2 - 1 Mile
Higher

CA WELLS CADWR0000011301

Well ID:	11S02E29K001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	11S02E29K001M	GAMA PFAS Testing:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E29K001M&store_num=
 GeoTracker Data: Not Reported

**L60
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000025751

Well ID: AGL020024324-LIPONOVICH Well Type: MONITORING
 Source: Agricultural Lands Other Name: LIPONOVICH
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020024324&assigned_name=LIPONOVICH&store_num=
 GeoTracker Data: Not Reported

**L61
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000029140

Well ID: AGL020004920-TSUKIJ8A_I Well Type: MONITORING
 Source: Agricultural Lands Other Name: TSUKIJ8A_I
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020004920&assigned_name=TSUKIJ8A_I&store_num=
 GeoTracker Data: Not Reported

**M62
NW
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000013483

Well ID: AGL020004588-AG_RAMER Well Type: MONITORING
 Source: Agricultural Lands Other Name: AG_RAMER
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020004588&assigned_name=AG_RAMER&store_num=
 GeoTracker Data: Not Reported

**M63
NW
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000025019

Well ID: AGL020028143-RAMER_1090 Well Type: MONITORING
 Source: Agricultural Lands Other Name: RAMER_1090
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020028143&assigned_name=RAMER_1090&store_num=
 GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

L64
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000179675

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18060002
Monitor Location:	011S002E33A004M	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Aquifer Type:	Not Reported
Contrib Drainage Area:	Not Reported	Well Depth:	170
Aquifer:	California Coastal Basin aquifers	Well Hole Depth:	Not Reported
Formation Type:	Not Reported		
Construction Date:	19680511		
Well Depth Units:	ft		
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	41	Level reading date:	1982-03-12
Feet below surface:	64.70	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1981-08-14	Feet below surface:	81.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-03-18	Feet below surface:	66.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-02-19	Feet below surface:	67.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-01-15	Feet below surface:	67.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-11-18	Feet below surface:	72.4
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1980-10-15	Feet below surface:	75.6
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1980-09-23	Feet below surface:	77.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-08-13	Feet below surface:	81.98
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1980-07-15	Feet below surface:	76.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-18	Feet below surface:	71.68
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1980-05-19	Feet below surface:	67.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-18	Feet below surface:	67.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-03-18	Feet below surface:	66.92
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1980-02-15	Feet below surface:	67.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-01-19	Feet below surface:	69.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-12-18	Feet below surface:	72.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-19	Feet below surface:	74.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-10-18	Feet below surface:	79.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-09-18	Feet below surface:	79.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-15	Feet below surface:	80.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-07-16	Feet below surface:	77.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-06-19	Feet below surface:	79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-05-23	Feet below surface:	72.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-18	Feet below surface:	71.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-03-14	Feet below surface:	71.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-02-13	Feet below surface:	69.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-01-11	Feet below surface:	71.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-12-13	Feet below surface:	73.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-22	Feet below surface:	74.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-10	Feet below surface:	77.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-09-15	Feet below surface:	77.5
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1978-08-08	Feet below surface:	100.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-04-17	Feet below surface:	66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10-12	Feet below surface:	77.2
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1977-08-17	Feet below surface:	98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04-19	Feet below surface:	73.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-17	Feet below surface:	0.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1974-11-05	Feet below surface:	74.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-11-20	Feet below surface:	71.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-01-07	Feet below surface:	0.00
Feet to sea level:	Not Reported		
Note:	Other conditions existed that would affect the measured water level.		

**N65
SSE
1/2 - 1 Mile
Lower**

CA WELLS CADWR0000024927

Well ID:	11S02E33B001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	11S02E33B001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E33B001M&store_num=		
GeoTracker Data:	Not Reported		

**N66
SSE
1/2 - 1 Mile
Lower**

CA WELLS CADWR0000020909

Well ID:	11S02E33B002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	11S02E33B002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E33B002M&store_num=		
GeoTracker Data:	Not Reported		

**L67
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAUSGSN00015487

Well ID:	USGS-365619121445501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-365619121445501	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-365619121445501&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

68
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000030772

Well ID:	AGL020027409-AG_NURSERY	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AG_NURSERY
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020027409&assigned_name=AG_NURSERY&store_num=		
GeoTracker Data:	Not Reported		

O69
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000025453

Well ID:	AGL020003873-COWLES_R2	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	COWLES_R2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020003873&assigned_name=COWLES_R2&store_num=		
GeoTracker Data:	Not Reported		

P70
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000179703

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011S002E34D003M	Type:	Well
Description:	PV-12	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	210
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:	1998-12-13
Feet below surface:	57.05	Feet to sea level:	Not Reported
Note:	Not Reported		

Q71
WSW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000028522

Well ID:	AGL020027545-AG_ALLISON	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AG_ALLISON
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020027545&assigned_name=AG_ALLISON&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

**P72
SE
1/2 - 1 Mile
Lower**

CA WELLS CAUSGSN00017423

Well ID:	USGS-365628121443401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-365628121443401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW& amp_date=&global_id=&assigned_name=USGS-365628121443401&store_num=		
GeoTracker Data:	Not Reported		

**73
SW
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000030667

Well ID:	AGL020004836-HOLO1_IRR	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	HOLO1_IRR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020004836&assigned_name=HOLO1_IRR&store_num=		
GeoTracker Data:	Not Reported		

**Q74
WSW
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000028433

Well ID:	AGL020032798-OLLASON_AG	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	OLLASON_AG
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020032798&assigned_name=OLLASON_AG&store_num=		
GeoTracker Data:	Not Reported		

**75
SSE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000026016

Well ID:	AGL020004514-AG_WELL_KU	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AG_WELL_KU
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020004514&assigned_name=AG_WELL_KU&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

76
SSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000025846

Well ID:	AGL020004836-HOLO2IR-GR	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	HOLO2IR-GR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020004836&assigned_name=HOLO2IR-GR&store_num=		
GeoTracker Data:	Not Reported		

77
NE
1/2 - 1 Mile
Lower

CA WELLS CADWR0000013806

Well ID:	11S02E22M001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	11S02E22M001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E22M001M&store_num=		
GeoTracker Data:	Not Reported		

78
South
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000024937

Well ID:	AGL020004836-LUKRICH_IR	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	LUKRICH_IR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020004836&assigned_name=LUKRICH_IR&store_num=		
GeoTracker Data:	Not Reported		

O79
West
1/2 - 1 Mile
Higher

CA WELLS CADWR0000030466

Well ID:	11S02E29F002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	11S02E29F002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=11S02E29F002M&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

P80
SE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000025241

Well ID:	AGL020004517-AG_WELL_LK	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AG_WELL_LK
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020004517&assigned_name=AG_WELL_LK&store_num=		
GeoTracker Data:	Not Reported		

81
NNE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000029356

Well ID:	AGL020004114-JOHNSON DUAL	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	JOHNSON DUAL
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020004114&assigned_name=JOHNSON DUAL&store_num=		
GeoTracker Data:	Not Reported		

R82
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000026708

Well ID:	AGL020001541-AMESTI	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	AMESTI
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020001541&assigned_name=AMESTI&store_num=		
GeoTracker Data:	Not Reported		

R83
West
1/2 - 1 Mile
Higher

FED USGS USGS40000179806

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011S002E29F003M	Type:	Well
Description:	Not Reported	HUC:	18060002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19820524	Well Depth:	452
Well Depth Units:	ft	Well Hole Depth:	700
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	3	Level reading date:	1983-08-11
Feet below surface:	122.54	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1983-03-15	Feet below surface:	117.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-09-15	Feet below surface:	129.53
Feet to sea level:	Not Reported	Note:	Not Reported

**84
South
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000024939

Well ID:	AGL020004836-GFHOLE_D	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	GFHOLE_D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&sa mp_date=&global_id=AGL020004836&assigned_name=GFHOLE_D&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NNE
1/2 - 1 Mile

OIL_GAS CAOG17000007793

OIL_GAS:

API #:	0408720002	Well #:	1
Well Type:	Dry Hole	Well Status:	Plugged
Lease Name:	Dicicco	Well Design:	Dicicco 1
Operator ID:	04900	Operator Name:	Kenneth C. Tyler, Trustee
Field Name:	Any Field	Area Name:	Any Area
Place:	Santa Cruz County	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=08720002		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95076	226	1

Federal EPA Radon Zone for SANTA CRUZ County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SANTA CRUZ COUNTY, CA

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.100 pCi/L	89%	11%	0%
Living Area - 2nd Floor	1.900 pCi/L	100%	0%	0%
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^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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.

Geothermal Wells Listing

Department of Conservation

Telephone: 916-445-9686

Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservation's Geologic Energy Management Division (CalGEM, formerly DOGGR).

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

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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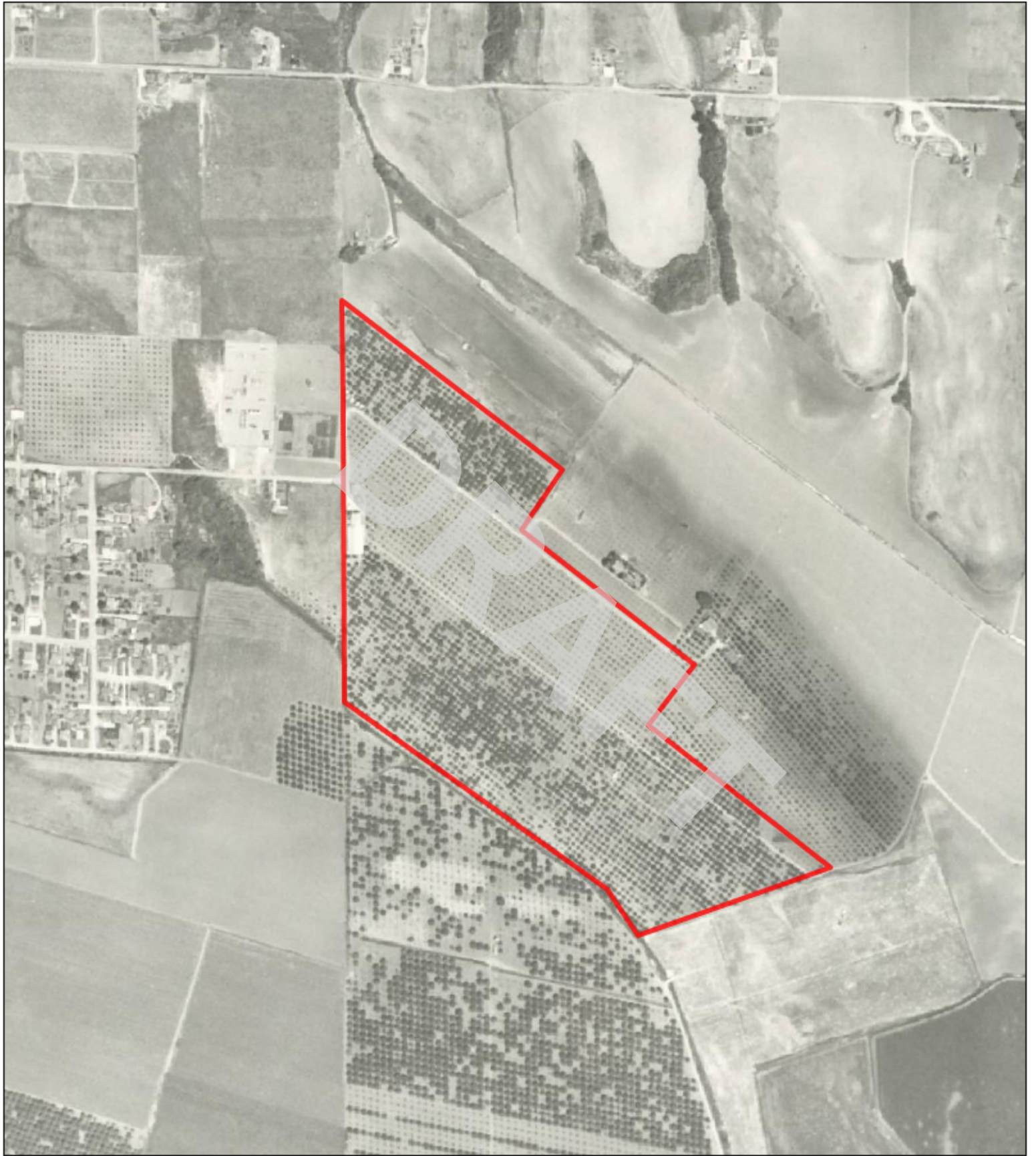
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Appendix F
Historical Documentation



Aerial Photo 1948



Aerial Photo 1956



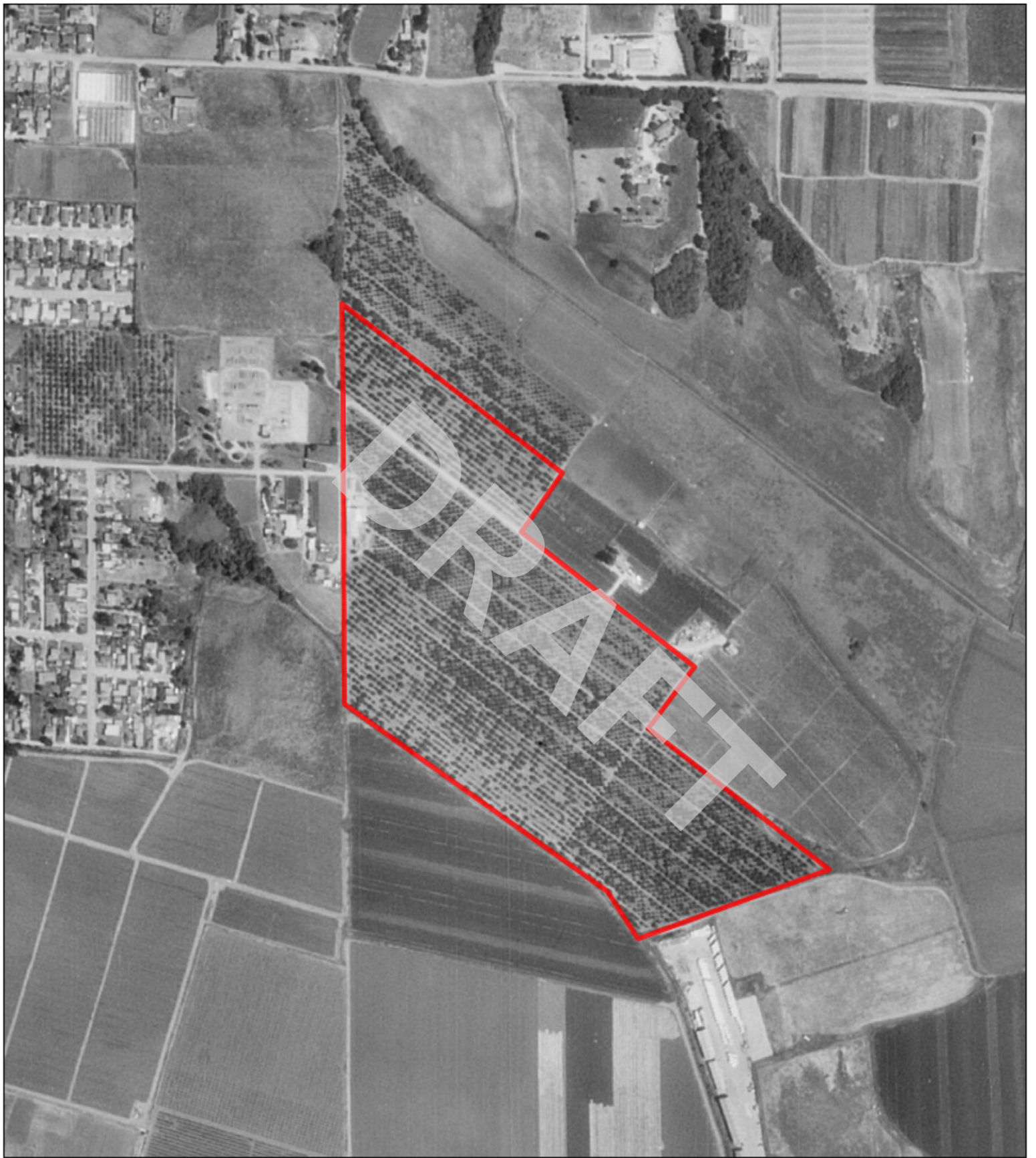
Aerial Photo 1968



Aerial Photo 1974



Aerial Photo 1981



Aerial Photo 1993



Aerial Photo 2005



Aerial Photo 2009



Aerial Photo 2012



Aerial Photo 2016



Aerial Photo 2020

