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Transmittal

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Former TRW Microwave Site, 825 Stewart Drive, Sunnyvale, CA

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United States Environmental Protection Agency Region 9

2021 Annual Groundwater Monitoring Report

Former TRW Microwave Site

825 Stewart Drive, Sunnyvale, California

March 17, 2022

USEPA ID: CAD009159088

2021 Annual Groundwater Monitoring Report

Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, CA 94085

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Acronyms

1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichlororethene
1,1,1-TCA	1,1,1-trichloroethane
1,2-DCB	1,2-dichlorobenzene
AMD	Advanced Micro Devices
bgs	below ground surface
BFM	bromoform
CBN	chlorobenzene
cDCE	cis-1,2-dichloroethene
CoC	constituent of concern
DTSC	Department of Toxic Substance Control
EAB	Enhanced Anaerobic Bioremediation
ESS	Environmental Sequence Stratigraphy
Eurofins	EurofinsTestAmerica Laboratories, Inc.
Ft	foot or feet
Freon 11	trichlorofluoromethane
Freon 12	dichlorodifluoromethane
Freon 113	1,1,2-trichloro-1,2,2-trifluoroethane
GES	Groundwater & Environmental Services, Inc.
HSUs	hydrostratograhic units
MCLs	Maximum Contaminant Levels
mg/L	milligrams per liter
NPC	Non-Pumping Conditions
OOU	Offsite Operable Unit
PCE	tetrachloroethene
Philips	Philips Semiconductors, Inc.
Report	2021 annual groundwater monitoring report
RWQCB	California Regional Water Quality Control Board – San Francisco Bay Region
SCRs	Site cleanup requirements
SDOU	Stewart Drive Operable Unit
Site	former TRW Microwave Site
TCE	trichloroethene
tDCE	trans-1,2-dichloroethene
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VC	vinyl chloride
VOCs	volatile organic compounds
µg/L	micrograms per liter

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1 Introduction

Groundwater Environmental Services, Inc. (GES) on behalf of Northrop Grumman, has prepared this 2021 annual groundwater monitoring report (report) for the former TRW Microwave Site (Site) in Sunnyvale, California (Figure 1). This report presents the results of the 2021 groundwater monitoring program conducted at the Site. The United States Environmental Protection Agency (USEPA) is the lead regulatory agency for the Site, after regulatory oversight transferred from the California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB) on August 7, 2014 (USEPA, 2014).

The groundwater monitoring program includes annual monitoring activities previously established by the RWQCB (RWQCB, 1999) including Non-Pumping Conditions (NPC) evaluation (RWQCB, 2001), updates to the monitoring schedule approved by RWQCB and USEPA in 2007 and 2011 (RWQCB, 2007; RWQCB, 2011), and the removal of the Enhanced Anaerobic Bioremediation (EAB) monitoring program as proposed in the 2017 Annual Groundwater Monitoring and Remedial Progress Report (AECOM, 2020). Primary volatile organic compounds (VOCs) monitored at the Site are trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), vinyl chloride (VC), and 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113).

1.1 Groundwater Monitoring Well Network

Forty-nine (49) wells and the Eductor (a groundwater extraction pipe installed within the former underground storage tank [UST] gravel backfill pit) have been completed at the Site in five depth intervals, designated as Zones A, B1, B2, B3, and B4 (Table 1). These zones consist of permeable sediments, ranging from silty sand to sand and gravel, and are vertically separated by laterally continuous lower permeability clay and silt intervals. In Zone B1, multiple hydrostratograhic units (HSUs) have been reported. HSUs 1 and 2 are overlaid by HSU 3.

In 2004, wells T-1A and T-1B were abandoned with permission from RWQCB (CDM, 2004;RWQCB, 2004). As discussed in the 2014 annual report (AECOM, 2015), four wells (T-2A, T-2B, T-2C, and T-3A) and the Eductor, all located inside the building, were destroyed in October and November 2014. In 2009, well T-6A was removed from the monitoring program from RWQCB (RWQCB, 2009). There is no available record of this well being destroyed, and the well is believed to still be in place. Installation of wells T-25Bs and T-25Bd were completed in December of 2018 in the vicinity of T-9B to address previously identified data gaps and serve as a replacement for well T-9B (AECOM, 2019). In October 2019, well T-9B was abandoned with approval from USEPA (USEPA, 2019). Figure 2 shows the Site layout and existing well locations (as of October 2021).

1.2 Groundwater Monitoring Program

The NPC evaluation was initiated in April 2001 and involves the assessment of VOC concentration trends after complete suspension of groundwater extraction at the Site. The EAB program was initiated in October 2000 to remediate the former Site source area (the former UST area).

Select wells are sampled on an annual basis. For the 2020 calendar year, Northrop Grumman continued the monitoring schedule approved by RWQCB in 2007 and 2011 (RWQCB, 2007; RWQCB, 2011) and the removal of the EAB monitoring program in 2017 (AECOM, 2020).

All groundwater samples were analyzed for VOCs using USEPA Method 8260B.

2 Site Activities

GES conducted the 2021 annual groundwater monitoring event for the NPC evaluation.

2.1 Groundwater Monitoring

Groundwater levels were measured in 41 Site wells on October 11, 2021, in conjunction with the annual groundwater monitoring events for surrounding sites (adjacent operable units and the off-site operable unit). Groundwater samples were collected from 31 monitoring wells between October 11 and October 13, 2021. Additional groundwater analytical data collected and provided by adjacent properties is also included in this report. A description of standard field procedures utilized for groundwater sampling and copies of the low-flow sampling logs for each well are included in Appendix A.

Samples were collected in laboratory-supplied bottleware, placed on ice, and transported under chain of custody to Eurofins Test America, Laboratories, Inc. (Eurofins) for analysis of VOCs by USEPA Method 8260B.

Purge and decontamination water was placed in a 55-gallon drum and stored on-site until profiled and disposed of off-site as non-hazardous waste at a USEPA-approved facility.

2.2 Sub-Slab Depressurization (SSD) System Inspection

The SSD system was inspected on October 12, 2021. The SSD system that is visible on the roof was observed to assess the system's current working state. Each of the three buildings associated with the site have a cluster of two to three vent risers that extend from the sub-slab collection laterals and penetrate the roof to allow for passive depressurization of the sub-slab area. The site visit observations were made to assess if the turbines were freely turning and free of corrosion, were actively turning due to wind, and their current location relative to existing roof equipment. Details and photos from the SSD system inspection are included as Appendix B.

3 Results

A discussion of the water-level elevations and groundwater analytical results for the October 2021 annual groundwater monitoring event is presented below.

3.1 Water-Level Elevations

The October 2021 water-level elevation data for the Site wells is presented in Table 2, Figures 3 through 6, and historical water-level data is presented in Appendix C. Potentiometric surface

contours generated for Zones A, B1, and B2 using the October 2021 water-level elevation data are presented on Figures 3 through 6. In both Zone B3 and Zone B4, there is only one Site well screened within each zone, and therefore a potentiometric surface is not contoured for those zones.

As reported in the Environmental Sequence Stratigraphy (ESS) evaluation (Burns & McDonnell, 2020), groundwater movement is influenced locally by channelized flow related to stream deposits. The gray areas depicted in Figures 3 through 6 represent areas of low permeability silt/clay-rich floodplain deposits that reportedly impede groundwater flow relative to the higher permeability sand/gravel stream channel deposits.

In October 2021, the static depth to the water in Zone A ranged from approximately 2.63 feet (ft.) (well T-8D) to 9.40 ft. below ground surface (bgs) (well T-5B). Approximate groundwater flow in Zone A is to the west at a gradient ranging from 0.004 to 0.016 vertical ft. per horizontal ft. Approximate groundwater flow in Zone B1 is southwest at a gradient ranging from 0.005 to 0.015 vertical ft. per horizontal ft. Approximate groundwater flow in Zone B2 is to the west-southwest at a gradient ranging from 0.005 to 0.013 vertical ft. per horizontal ft. Water levels and groundwater movement in Zones B1 and B2 have been reported to be affected by groundwater extraction at the Philips Semiconductors, Inc. (Philips) sites (located to the west at 811 East Arques Avenue and 440 North Wolfe Road) (AECOM, 2020; Locus, 2016). Groundwater flow directions in Zone A, Zone B1, and Zone B2 are consistent with historical reporting (AECOM, 2020).

Groundwater elevations in Zone A wells during the October 2021 monitoring event in general decreased in elevation on average by 0.28 ft. compared to the October 2020 measurements. Water levels in Zone B1 wells during October 2021 also in general decreased in elevation on average by 0.27 ft compared to October 2020. Water levels in Zone B2 wells during October 2021 decreased in elevation on average by 0.58 ft. compared to October 2020, with the exception of well T-10C, at which groundwater elevation increased by 0.09 ft.

3.2 Groundwater Analytical Results

VOCs detected during the October 2021 groundwater sampling events are summarized in Table 3 and the historical results for previous monitoring events for pre- and post-EAB monitoring events, are presented in Appendix D. Historically, low concentrations of other VOCs (e.g., chloroform) have occasionally been reported. These VOCs are not listed in Table 3 or Appendix D as they are not a site constituent of concern (CoC) and have not been reported above their Site cleanup requirements (SCRs) (e.g., California Maximum Contaminant Levels [MCLs] or action levels, federal MCLs, or risk-based levels). Site CoCs include tetrachloroethene (PCE), TCE, cDCE, trans-1,2-dichloroethene (tDCE), VC, 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichlororethene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), chlorodibromomethane, trichlorofluoromethane (Freon 11), dichlorodifluoromethane (Freon 12), Freon 113, bromoform (BFM), 1,2-dichlorobenzene (1,2-DCB), and chlorobenzene (CBN).

Figures 7 through 9 present the analytical results for TCE, cDCE, VC, and Freon 113, as appropriate, for each of the zones (A, B1, and B2). Time-series graphs of TCE and cDCE concentrations vs. time for representative Site wells, and are presented as follows:

- Figure 10 and 11: Seven wells in Zone A (T-2A, T-7A, T-8A, T-9A, T-13A, T-15A, and T-16A).
- Figures 12 and 13: Seven wells in Zone B1 (T-2B, T-4B, T-7B, T-8B, T-9B, T-10B, T-17B, T-25Bs and T-25Bd).
- Figures 14 and 15: on-site Zone B2 wells (T-2C, T-10C, T-11C, and T-12C).

Note that wells T-2A, T-2B, T-2C and T-9B are still included on these figures for reference, even though the wells no longer exist.

A graph of concentrations of PCE, TCE, cDCE, tDCE, and VC for October 2021 at select wells, along the general groundwater flow direction in Zone A, across the Site are presented on Figure 16. Due to the identified separate HSUs in Zone B1 (AECOM, 2016), a similar figure is not presented for Zone B1.

Additional water quality parameters related to evaluation of conditions conducive to natural attenuation (nitrate, sulfate, methane, ethane, ethylene, total alkalinity and total organic carbon) were collected from select monitoring wells (T-8B, T-10B, and T-25Bs) during the 2021 groundwater sampling event. Field water quality parameters from all wells and analytical results reported for the select wells are shown on Table 4. For selected Site wells, trend plots of chlorinated ethene concentrations prior to and after suspension of groundwater extraction in April 2001 are presented in Appendix D. Copies of the laboratory analytical reports and chain-of-custody forms for the 2021 groundwater monitoring event are in Appendix E.

3.2.1 Site Upgradient Wells

Zone A

2021 Groundwater analytical results for CoCs from Zone A well T-7A, located along the upgradient southern Site boundary (Figure 7), indicate migration of CoCs, primarily TCE and cDCE, onto the Site. Concentrations of TCE migrating onto the Site (around well T-7A) are similar to or greater than those for wells downgradient of the former Site source area in Zone A (see Figure 16).

- The TCE concentration for upgradient Zone A well T-7A was reported at 95 micrograms per liter (µg/L). The result for T-7A is the lowest reported concentration in the historical range of concentrations for this well, but is relatively similar to the previously reported concentration for 2020 of 110 µg/L.
- The cDCE concentration for upgradient Zone A well T-7A was reported at 39 µg/L. The result for T-7A is within the historical range of concentrations for this well.
- Concentrations for other CoCs were either reported below reporting limits or less than MCLs.

Zone B1

Groundwater analytical results for CoCs from Zone B1 wells T-5B, T-7B, and T-20B along the upgradient Site boundary (Figure 8) also indicate CoC migration onto the Site.

- The TCE concentrations for upgradient Zone B1 wells were reported to range from 130 µg/L (T-7B) to 1,400 µg/L (T-5B). All reported concentrations of TCE are within the historical range;

with the exception of T-20B (first sampled October 2017) the reported concentration is the lowest in the historical range of concentrations.

- The cDCE concentrations for upgradient Zone B1 wells were reported to range from 7.0 µg/L (T-7B) to 370 µg/L (T-20B). All reported concentrations of cDCE are within the historical range of concentrations, except T-20B (first sampled October 2017) the reported concentration is the highest in the historical range of concentrations.
- The VC concentrations for upgradient Zone B1 wells were reported to range from below reporting limit (T-5B and T-7B) to 6.3 µg/L (T-20B). All reported concentrations of VC are within the historical range of concentrations.
- The PCE concentrations for upgradient Zone B1 wells were reported to range from below reporting limit (T-7B and T-20B) to 6.5 µg/L (T-5B). All reported concentrations of PCE are within the historical range.
- Concentrations for other CoCs were either reported below reporting limits or less than MCLs.

Zone B2

Groundwater analytical results for CoCs from Zone B2 well 36DD along the upgradient Site boundary (Figure 8) also indicate CoC migration onto the Site.

- The cDCE concentrations for upgradient Zone B2 well was reported to at 16 µg/L (36DD). The reported concentration of cDCE is within the historical range of concentrations.
- The VC concentrations for upgradient Zone B2 well was reported to at 1.6 µg/L (36DD). The reported concentration of VC is within the historical range of concentrations.
- Concentrations for other CoCs were either reported below reporting limits or less than MCLs.

3.2.2 Site Downgradient Wells

Zone A

Groundwater analytical results for CoCs from Zone A wells T-8A, T-9A, T-13A, T-14A, T-15A, T-16A, T-17A, T-19A, T-23A, T-25A, and 38-S, located downgradient of the southern Site boundary, are depicted on Figure 7, and summarized below.

- TCE concentrations for downgradient Zone A wells were reported to range from 0.20 µg/L (T-19A) to 78 µg/L (T-8A and T-15A). All reported concentrations of TCE are within the historical range of concentrations, with the exception of T-17A which had the lowest reported concentration to date.
- cDCE concentrations for downgradient Zone A wells were reported to range from 7.9 µg/L (T-19A) to 91 µg/L (T-9A). All reported concentrations of cDCE are within the historical range of concentrations.
- VC concentrations for downgradient Zone A wells were reported to range from 0.85 µg/L (T-8A) to 30 µg/L (T-19A). All a reported concentrations of VC are within the historical range of concentrations.
- Concentrations for other CoCs were either reported below reporting limits or less than MCLs.

Concentrations of TCE and cDCE at the downgradient wells are lower than the upgradient well T-7A (see Figure 16), except for cDCE at T-9A. Concentration trend plots for select Zone A wells (T-7A, T-8A, T-9A, T-13A, T-14A, T-15A, and T-16A) are included in Appendix F.

Zone B1

Groundwater analytical results for CoCs from Zone B1 wells T-4B, T-8B, T-10B, T-17B, T-19B, T-21B, T-22B, T-23B, T-24B, T-25Bs, and T-25Bd, located downgradient of the southern Site boundary, are depicted on Figure 8.

- TCE concentrations for downgradient Zone B1 wells were reported to range from 3.6 µg/L (T-4B) to 410 µg/L (T-21B). All reported concentrations of TCE are within the historical range of concentrations, with the exception of T-25Bd (first sampled December 2018) which had the lowest reported concentration to date.
- cDCE concentrations for downgradient Zone B1 wells were reported to range from 1.3 µg/L (T-19B) to 410 µg/L (T-8B). All reported concentrations of cDCE are within the historical range of concentrations, with the exception of T-24B (first sampled October 2017) and T-25Bd (first sampled December 2018) which had the lowest reported concentrations to date.
- VC concentrations for downgradient Zone B1 wells were reported to range from below reporting limit (T-4B, T-17B, T-19B, T-21B, T-23B, T-24B, and T-25Bd) to 51 µg/L (T-25Bs). All reported concentrations of VC are within the historical range of concentrations, with the exception of T-23B (first sampled October 2017) and T-24B (first sampled October 2017) which were reported as not detected at or above the reporting limit for the first time.
- Concentrations for other CoCs were either reported below reporting limits or less than MCLs.

Based on the additional analytical and field parameters, conditions remain reducing which are characterized by no detectable nitrate, generally negative ORP, and generally low DO (less than one milligrams per liter [mg/L]) (USEPA, 1998). Although total organic carbon concentrations were detected below the optimal target of 20 mg/L (USEPA, 1998) for reductive dechlorination, the presence of ethylene and ethene provide a line of evidence that degradation of TCE, cDCE, and VC is occurring in this zone.

Concentration trend plots for select Zone B wells (T-4B, T-7B, T-8B, T-10B, and T-17B) are included in Appendix F.

Zone B2

Groundwater analytical results for CoCs from Zone B2 wells T-10C, T-11C, and T-12C, located onsite, are depicted on Figure 9.

- TCE concentrations for Zone B2 wells were reported to range from 1.9 µg/L (T-12C) to 240 µg/L (T-10C). All reported concentrations of TCE are within the historical range of concentrations.
- cDCE concentrations for Zone B2 wells were reported to range from 0.54 µg/L (T-12C) to 290 µg/L (T-10C). All reported concentrations of cDCE are within the historical range of concentrations.

- VC concentrations for Zone B2 wells were reported to range from not reported above the laboratory reporting limit (T-10C and T-12C) to 0.72 µg/L (T-11C [Duplicate]). All reported concentrations of VC are within the historical range of concentrations.
- Freon 113 concentrations for Zone B2 wells were reported to range from not reported above the laboratory reporting limit (T-12C) to 55 µg/L (T-10C). Presence of Freon 113 in these wells is associated with offsite contamination, indicating a possible impact to these Zone B2 wells by offsite sources.
- Concentrations for other CoCs were either reported below reporting limits or less than MCLs.

3.2.3 Off-site Groundwater Analytical Data

The VOC results for the October 2021 monitoring events for the following nearby sites were provided to Northrop Grumman and reviewed during the preparation of this annual report:

- Philips 811 Arques former Signetics site (RWQCB ID SL721141219 /USEPA ID CAD070466479);
- Advanced Micro Devices (AMD) property: 915 DeGuigne Drive (Department of Toxic Substance Control [DTSC] ID 43360095);
- Advanced Micro Devices (AMD) property: 901/902 Thompson Place Facility (RWQCB ID SL720041205/USEPA ID CAD048634059) sites;
- Offsite Operable Unit (OOU), a combined area downgradient of the other sites (RWQCB ID T10000005145/USEPA ID multiple) and;
- Stewart Drive Operable Unit (SDOU) Subunits 3 and 4, CSOU, Subunit 1 and Subunit 2 & 999 Arques.

The October 2021 reported data indicates that the neighboring Philips 811 Arques former Signetics site continues to report VOC impacts in groundwater with maximum concentrations of TCE reported at 1,100 µg/L (S146A) and cDCE reported at 57,000 µg/L (S140A). Both wells are located west-southwest of TRW Microwave in an area of reported groundwater extraction (Locus, 2016). A table showing nearby off-site monitoring wells with groundwater data and copies of the tables provided by the other properties are in Appendix G.

VOC data for the AMD 901/902 Thompson Place site, located upgradient of the Site, indicate a maximum TCE concentration of 63 µg/L (23S) for Zone A and 210 µg/L (23D) for Zone B1.

TCE concentrations on the AMD 915 DeGuigne Drive site, located downgradient of the Site, indicate a maximum of 71 µg/L (53-S) for Zone A and 81 µg/L (41-D) for Zone B1.

TCE concentrations on the OOU site, located downgradient of the Site, indicate a maximum of 94 µg/L (S072A) for Zone A and 300 µg/L (S077B1) for Zone B1.

TCE concentrations on the Stewart Drive Operable Unit site, located upgradient of the Site, indicate a maximum of 190 µg/L (SU4A-1 and SU4A-5) for Zone A and 170 µg/L (73B1) for Zone B1.

TCE concentrations on the Mohawk Laboratories site, located upgradient of the Site, indicate a maximum of 300 µg/L (RCW-01B) for Zone A, Subunit 1, and 460 µg/L (PBMW-12), for Zone A, Subunit 2.

The VOC concentrations observed in wells along the upgradient Site boundary were reported as attributing to the migration of contamination from upgradient properties such as Mohawk Laboratories (SL20201820) and AMD (Burns & McDonnell, 2020). The data reported for the upgradient wells is consistent with the observations regarding migration of contamination from upgradient properties (**Appendix F**).

4 Waste Management

Wastewater generated during groundwater monitoring activities was temporarily stored on site before being transferred for offsite treatment or disposal at a USEPA-approved facility. The non-hazardous waste disposal manifest for wastewater transferred off-site during the annual monitoring period is in **Appendix H**.

5 Conclusions

Groundwater monitoring data collected through 2021 support the following conclusions:

- Groundwater movement generally flows to the north with slight variability between Zones A, B1, and B2.
- Impact to the Site from off-site sources continues to be reported in Zones A, B1, and B2. This continued migration of VOC-impacted groundwater onto the Site from upgradient sources complicates long-term achievement of Site cleanup goals.
- Based on the additional parameters and field parameters collected from selected wells, reduction of chlorinated compounds is ongoing at the site.

6 Recommendations

Based on these conclusions, the following action(s) are recommended:

- Continue annual groundwater monitoring to monitor the impacts from offsite sources.

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USEPA, 2019. Email to AECOM, EPA Approval – TRW Microwave Site Well Installation Report Addendum, Former TRW Microwave Site, Sunnyvale, California. March 29, 2019.

ED_013761_00000432-00016

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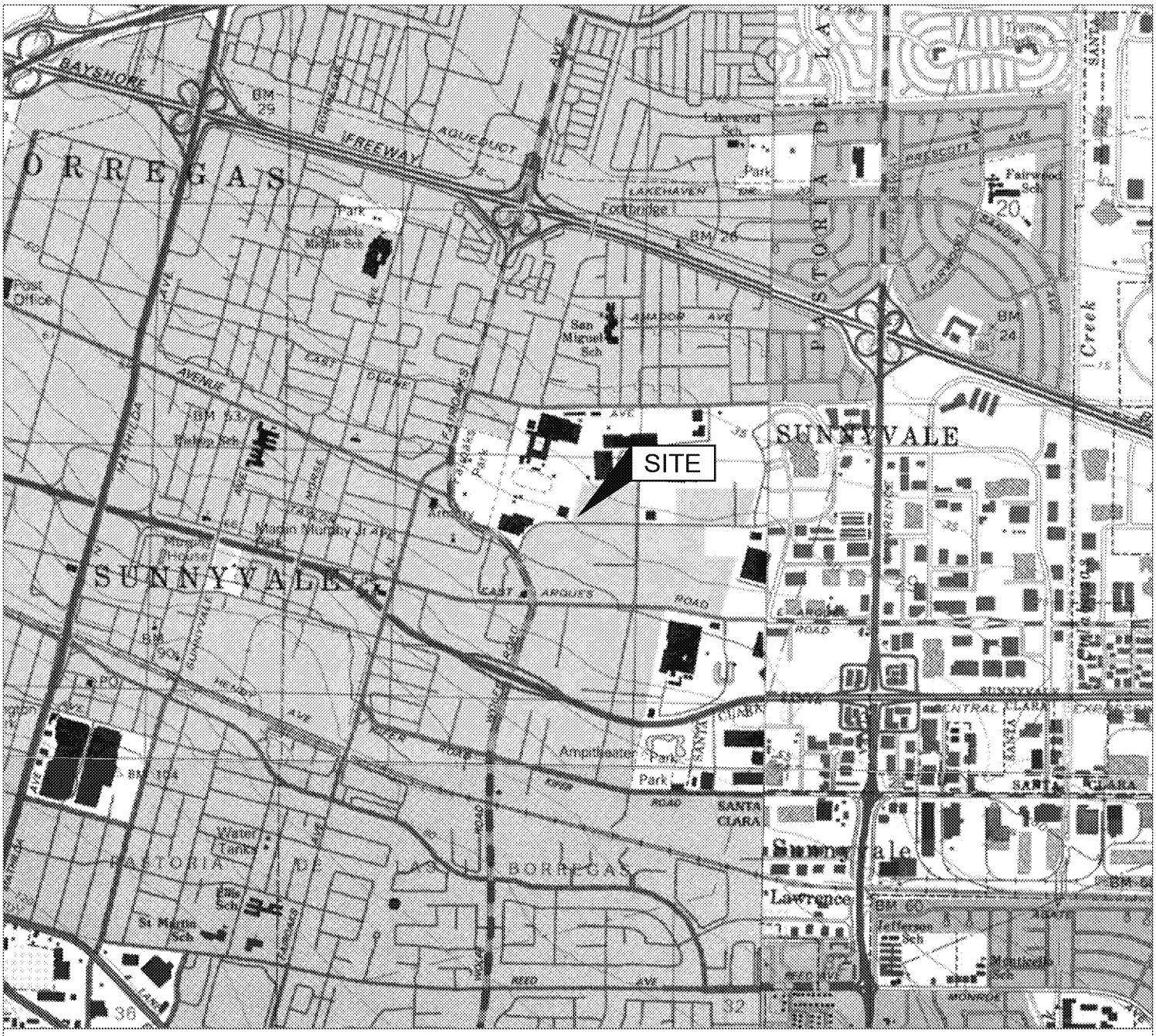
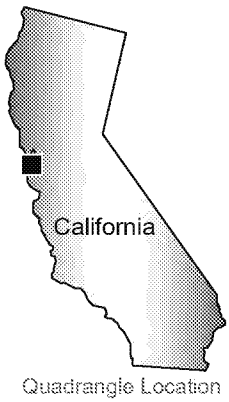


Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1997
Mountain View, California
Contour Interval = 5'
Township - 6S
Range - 1W



Quadrangle Location

Site Location Map

Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California

Drawn
J.D.B.
Designed
J.K.C.
Approved
T.W.

Date
03/01/22
Figure
1

Scale In Feet
0 2,000

Groundwater & Environmental Services, Inc.

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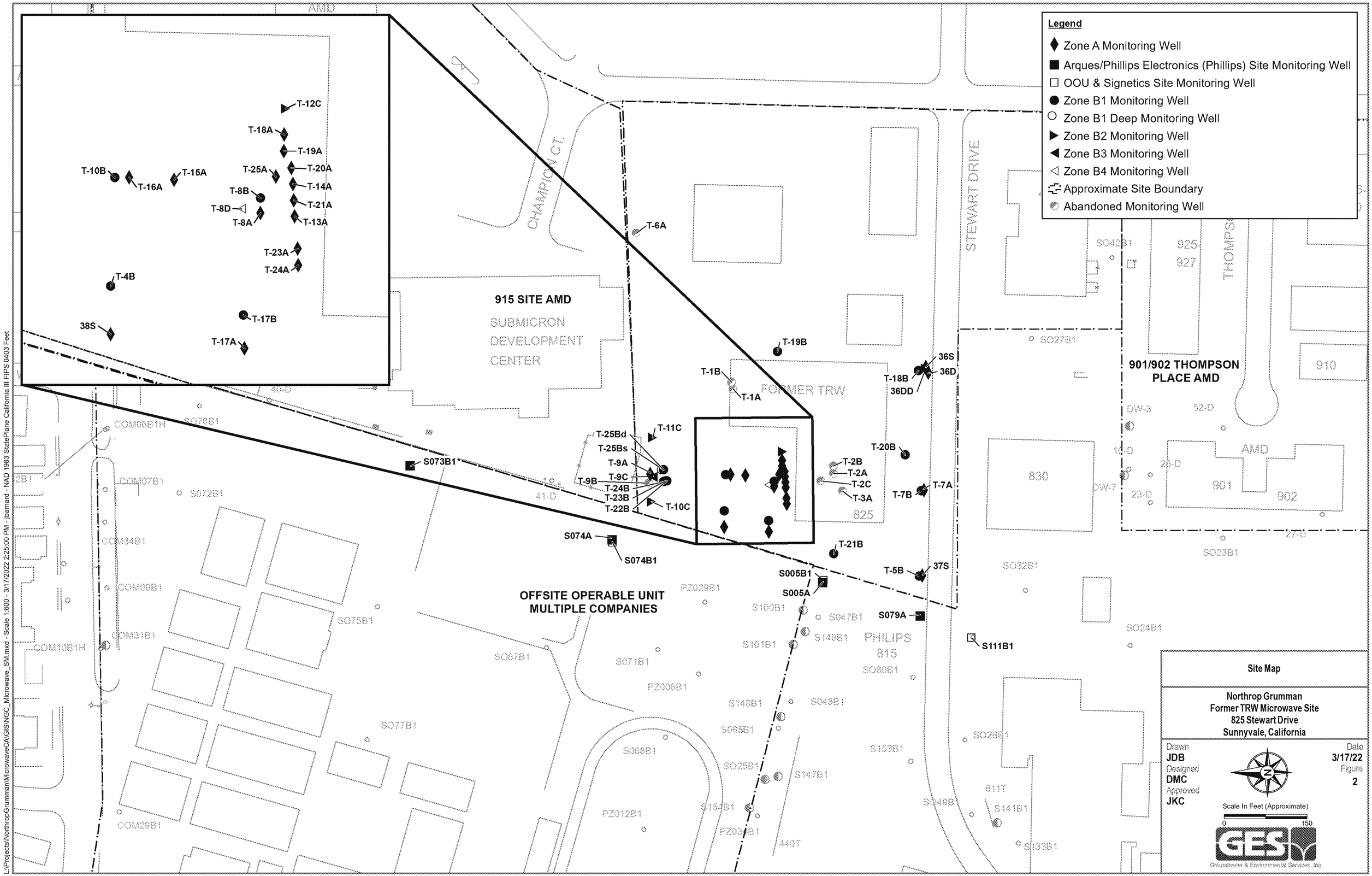
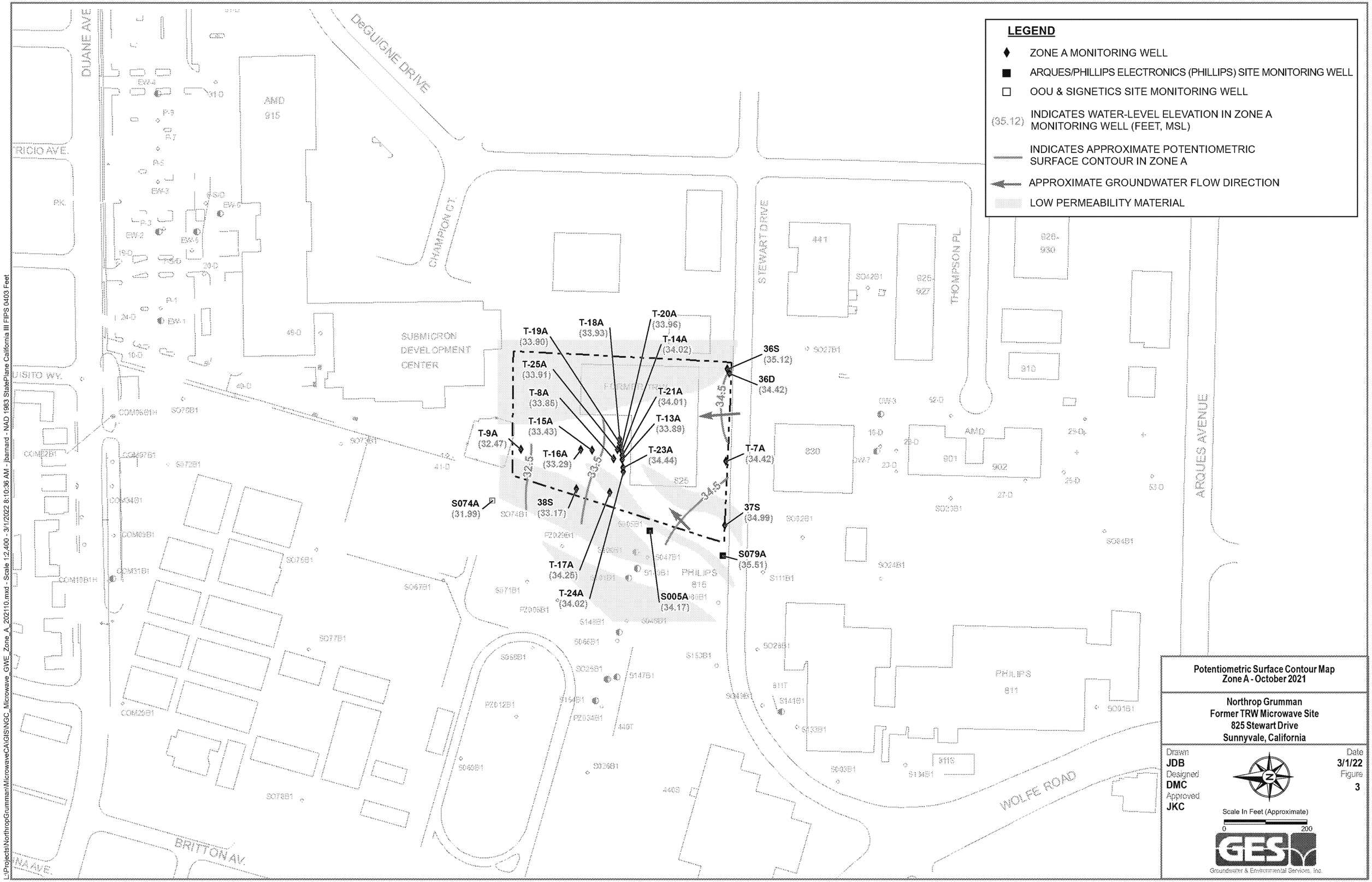
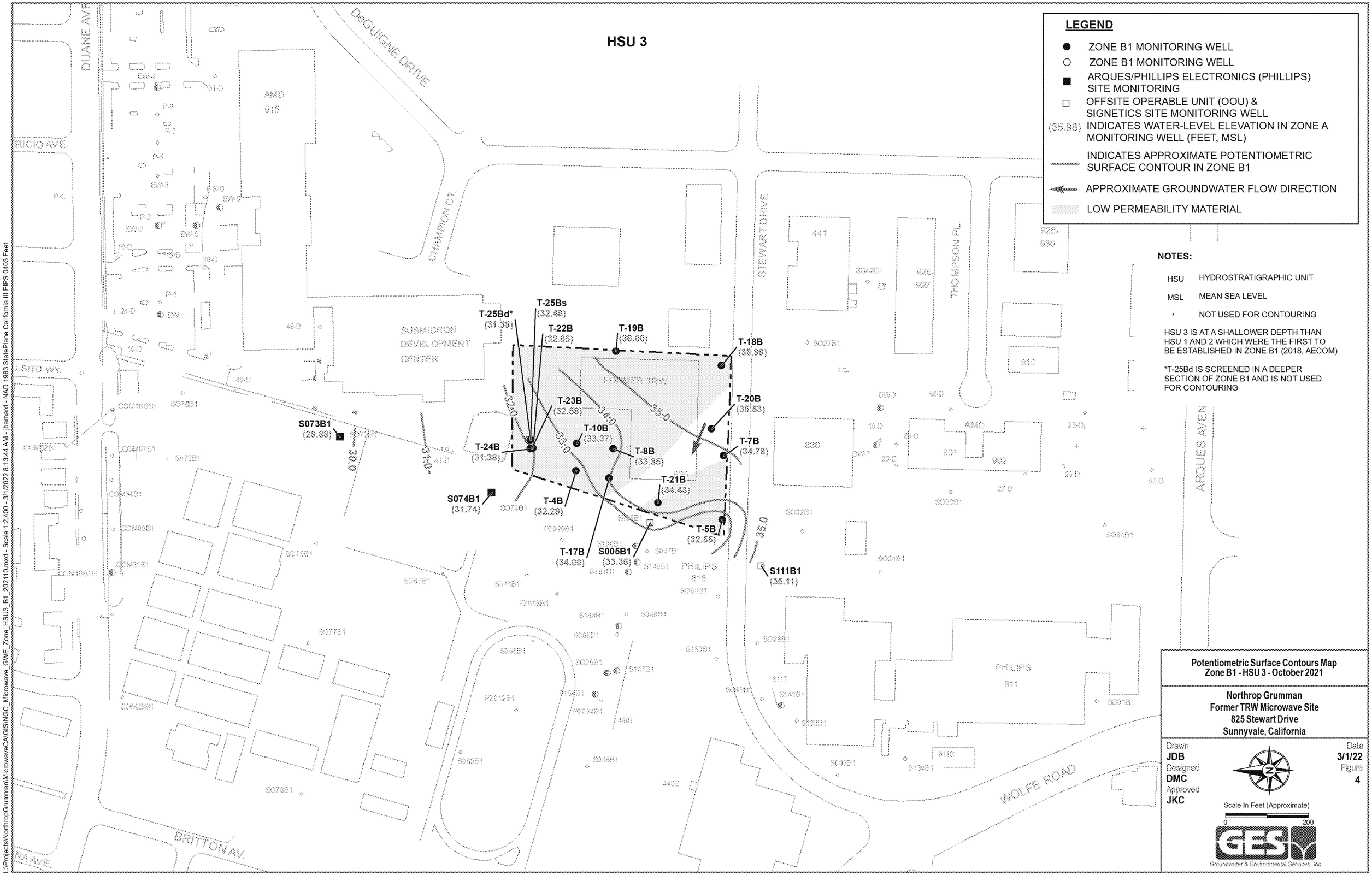
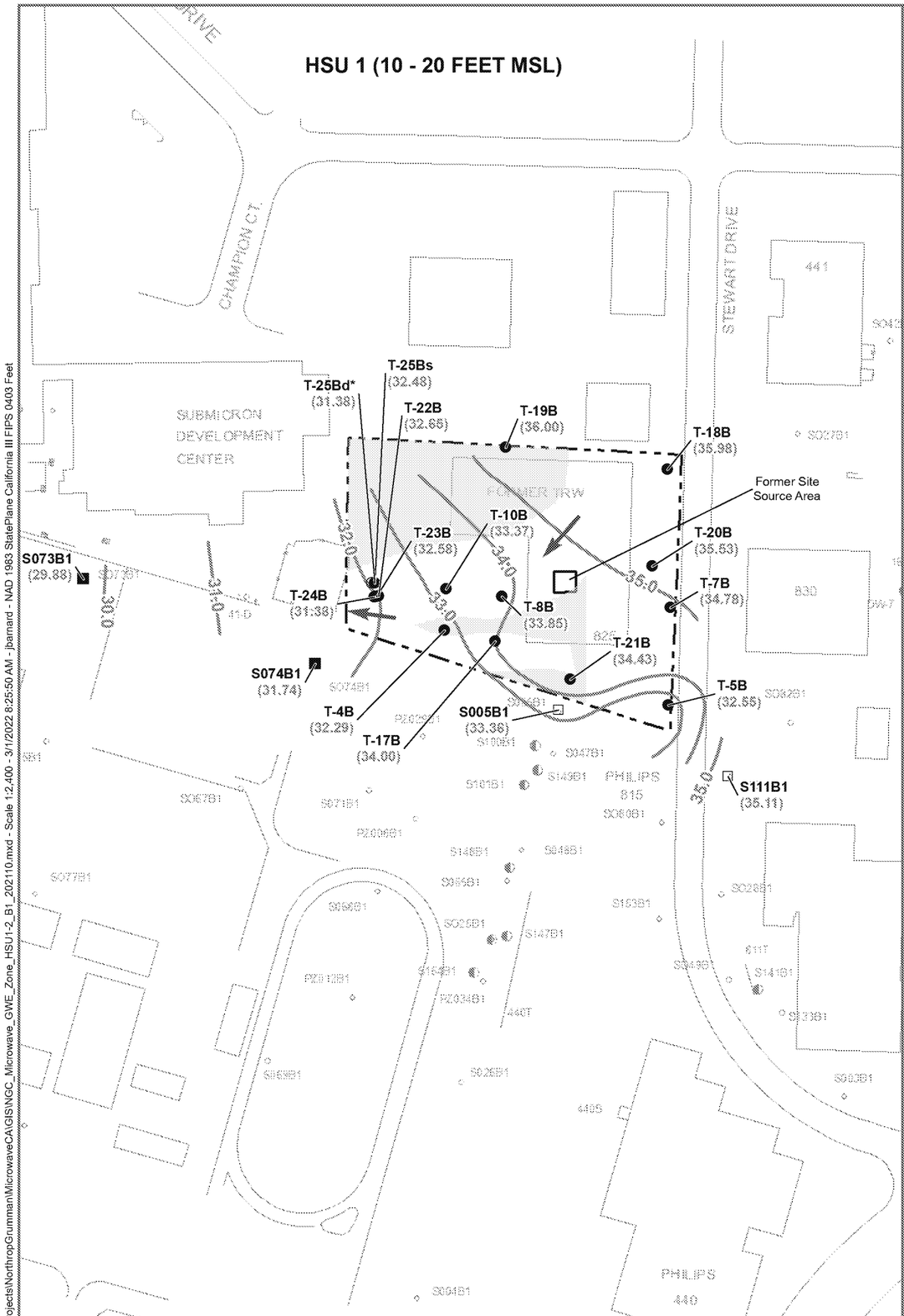
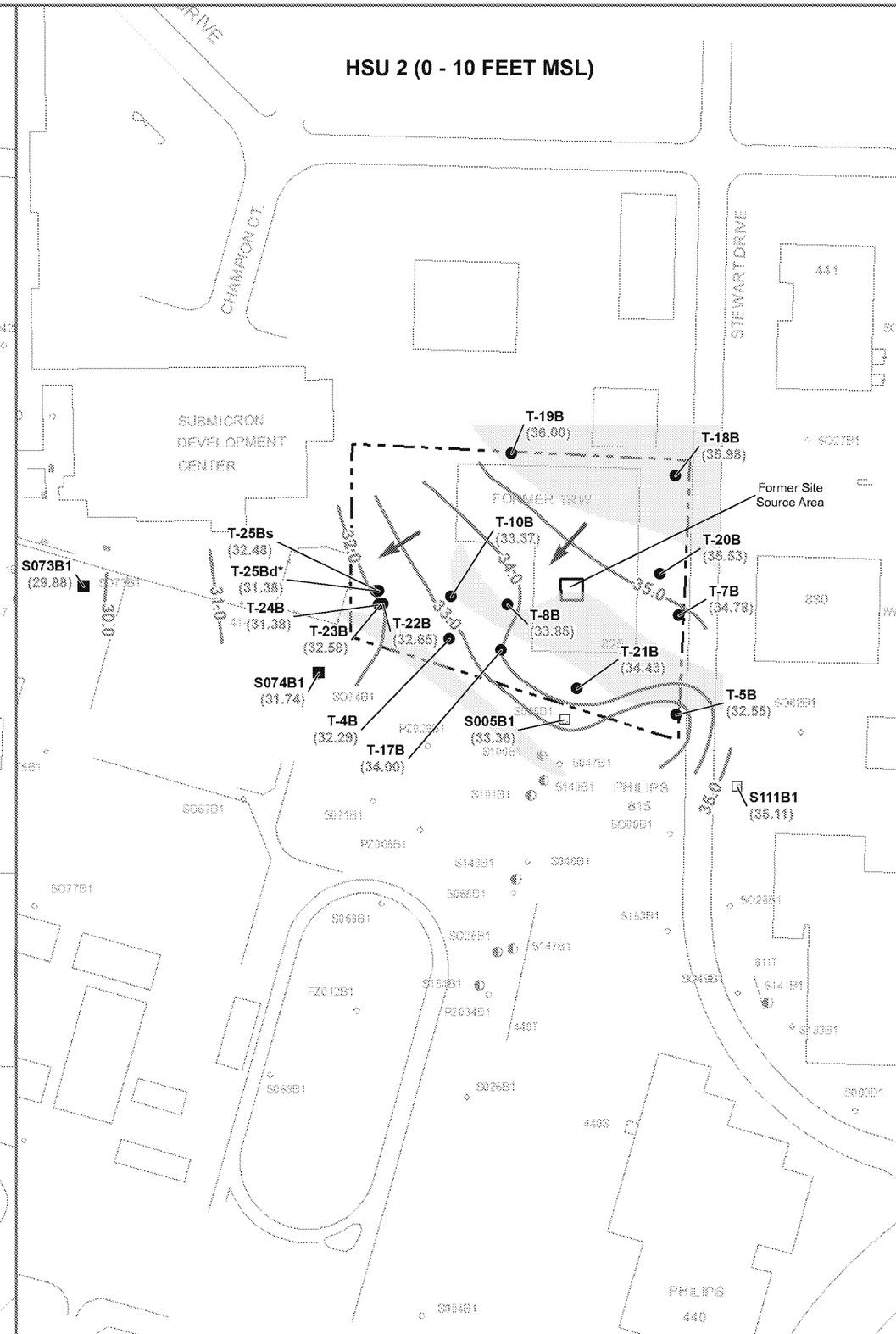

Legend
Zone A Monitoring Well
Arques/Phillips Electronics (Phillips) Site Monitoring Well
OOU & Signetics Site Monitoring Well
Zone B1 Monitoring Well
Zone B1 Deep Monitoring Well
Zone B2 Monitoring Well
Zone B3 Monitoring Well
Zone B4 Monitoring Well
Approximate Site Boundary
Abandoned Monitoring Well
915 SITE AMD
SUBMICRON DEVELOPMENT CENTER
OFFSITE OPERABLE UNIT MULTIPLE COMPANIES
901/902 THOMPSON PLACE AMD
FORMER TRW
PHILIPS 815
CHAMPION CT.
STEWART DRIVE
THOMPSON
T-12C
T-18A
T-19A
T-20A
T-14A
T-21A
T-13A
T-25A
T-10B
T-16A
T-15A
T-8B
T-8D
T-8A
T-23A
T-24A
T-4B
T-17B
38S
T-17A
T-6A
T-19B
T-1B
T-1A
36S
36D
T-18B
36DD
T-11C
T-25Bd
T-25Bs
T-9A
T-9C
T-9B
T-24B
T-23B
T-22B
T-10C
S073B1
S074A
S074B1
T-2B
T-2A
T-2C
T-3A
T-20B
T-7B
T-7A
T-21B
S005B1
S005A
T-5B
37S
S079A
S111B1
Site Map
Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California
Drawn
JDB
Designed
DMC
Approved
JKC
Date
3/17/22
Figure
2
Scale In Feet (Approximate)
0
150
Groundwater & Environmental Services, Inc.
L:\Projects\NorthropGrumman\MicrowaveCA\GIS\NGC_Microwave_SM.mxd - Scale 1:600 - 3/17/2022 2:25:00 PM - jbarnard - NAD 1983 StatePlane California III FIPS 0403 Feet


LEGEND
ZONE A MONITORING WELL
ARQUES/PHILLIPS ELECTRONICS (PHILLIPS) SITE MONITORING WELL
OOU & SIGNETICS SITE MONITORING WELL
(35.12) INDICATES WATER-LEVEL ELEVATION IN ZONE A MONITORING WELL (FEET, MSL)
INDICATES APPROXIMATE POTENTIOMETRIC SURFACE CONTOUR IN ZONE A
APPROXIMATE GROUNDWATER FLOW DIRECTION
LOW PERMEABILITY MATERIAL
T-19A (33.80)
T-18A (33.93)
T-20A (33.96)
T-14A (34.02)
T-25A (33.91)
T-8A (33.85)
T-21A (34.01)
T-15A (33.43)
T-13A (33.89)
T-9A (32.47)
T-16A (33.29)
T-23A (34.44)
36S (35.12)
36D (34.42)
T-7A (34.42)
S074A (31.99)
38S (33.17)
37S (34.99)
S079A (35.61)
T-17A (34.28)
T-24A (34.02)
S005A (34.17)
34.5
32.5
33.5
DUANE AVE
DeGUIGNE DRIVE
CHAMPION CT.
STEWART DRIVE
THOMPSON PL.
ARQUES AVENUE
WOLFE ROAD
BRITTON AV.
SUBMICRON DEVELOPMENT CENTER
AMD 915
PHILIPS 815
PHILIPS 811
AMD 901
AMD 902
441
826-930
825-827
910
830
825
811T
811S
440T
440S
Potentiometric Surface Contour Map
Zone A - October 2021
Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California
Drawn
JDB
Designed
DMC
Approved
JKC
Date
3/1/22
Figure
3
Scale In Feet (Approximate)
0
200
Groundwater & Environmental Services, Inc.
L:\Projects\NorthropGrumman\MicrowaveCA\GIS\NGC_Microwave_GWE_Zone_A_202110.mxd - Scale 1:2,400 - 3/1/2022 8:10:36 AM - jbarnard - NAD 1983 StatePlane California III FIPS 0403 Feet


HSU 3
LEGEND
ZONE B1 MONITORING WELL
ZONE B1 MONITORING WELL
ARQUES/PHILLIPS ELECTRONICS (PHILLIPS) SITE MONITORING
OFFSITE OPERABLE UNIT (OOU) & SIGNETICS SITE MONITORING WELL
(35.98) INDICATES WATER-LEVEL ELEVATION IN ZONE A MONITORING WELL (FEET, MSL)
INDICATES APPROXIMATE POTENTIOMETRIC SURFACE CONTOUR IN ZONE B1
APPROXIMATE GROUNDWATER FLOW DIRECTION
LOW PERMEABILITY MATERIAL
NOTES:
HSU HYDROSTRATIGRAPHIC UNIT
MSL MEAN SEA LEVEL
* NOT USED FOR CONTOURING
HSU 3 IS AT A SHALLOWER DEPTH THAN HSU 1 AND 2 WHICH WERE THE FIRST TO BE ESTABLISHED IN ZONE B1 (2018, AECOM)
*T-25Bd IS SCREENED IN A DEEPER SECTION OF ZONE B1 AND IS NOT USED FOR CONTOURING
T-25Bd* (31.38)
T-25Bs (32.48)
T-22B (32.65)
T-19B (36.00)
T-18B (35.98)
T-23B (32.58)
T-20B (35.53)
T-10B (33.37)
T-8B (33.85)
T-7B (34.78)
T-24B (31.38)
T-21B (34.43)
S073B1 (29.88)
S074B1 (31.74)
T-4B (32.29)
T-5B (32.55)
T-17B (34.00)
S005B1 (33.36)
S111B1 (35.11)
32.0
33.0
34.0
35.0
30.0
31.0
FORMER TRW
SUBMICRON DEVELOPMENT CENTER
PHILIPS 815
PHILIPS 811
AMD 915
AMD 901
AMD 902
DUANE AVE.
DeGUIGNE DRIVE
CHAMPION CT.
STEWART DRIVE
THOMPSON PL.
ARQUES AVEN
WOLFE ROAD
BRITTON AV.
Potentiometric Surface Contours Map
Zone B1 - HSU 3 - October 2021
Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California
Drawn JDB
Designed DMC
Approved JKC
Date 3/1/22
Figure 4
Scale In Feet (Approximate)
0 200
Groundwater & Environmental Services, Inc.
L:\Projects\NorthropGrumman\MicrowaveCA\GIS\NGC_Microwave_GWE_Zone_HSU3_B1_202110.mxd - Scale 1:2,400 - 3/1/2022 8:13:44 AM - jbarnard - NAD 1983 StatePlane California III FIPS 0403 Feet





LEGEND

- ● ZONE B1 MONITORING WELL
- ○ ZONE B1 DEEP MONITORING WELL
- ■ ARQUES/PHILLIPS ELECTRONICS (PHILLIPS) SITE MONITORING WELL
- □ OFFSITE OPERABLE UNIT (OOU) & SIGNETICS SITE MONITORING WELL
- (35.98) INDICATES WATER-LEVEL ELEVATION IN ZONE B1 MONITORING WELL (FEET, MSL)
- INDICATES APPROXIMATE POTENTIOMETRIC SURFACE CONTOUR IN ZONE B1
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- LOW PERMEABILITY MATERIAL

NOTES:

HSU	HYDROSTRATIGRAPHIC UNIT
MSL	MEAN SEA LEVEL
*	NOT USED FOR CONTOURING

*T-25Bd IS SCREENED IN A DEEPER SECTION OF ZONE B1 AND IS NOT USED FOR CONTOURING

Potentiometric Surface Contours Map
Zone B1 HSUs 1 and 2 - October 2021

Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California

Drawn **JDB**
Designed **DMC**
Approved **JKC**

Date **3/1/22**
Figure **5**

Scale In Feet (Approximate)
0 200

GES Groundwater & Environmental Services, Inc.

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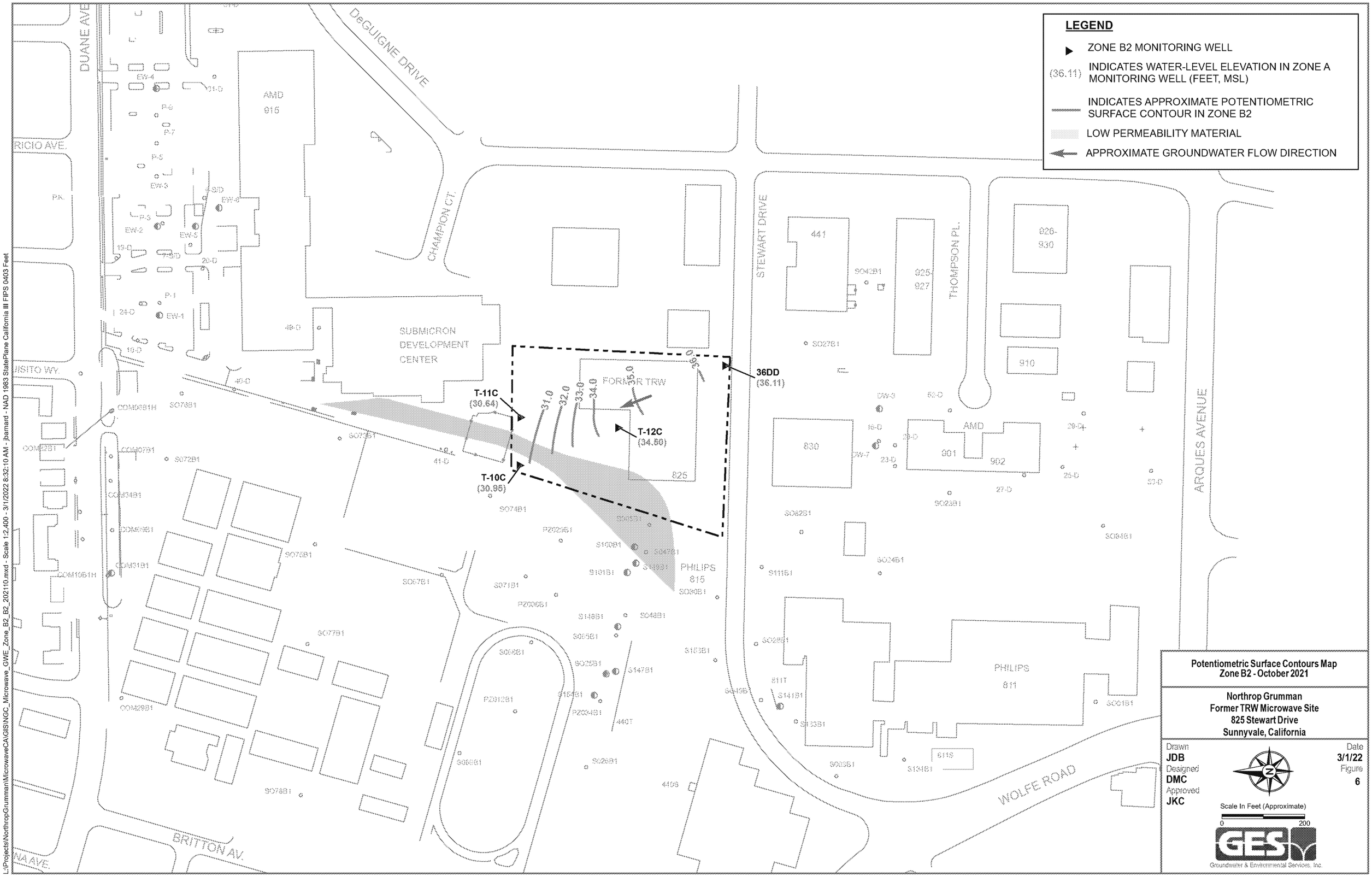
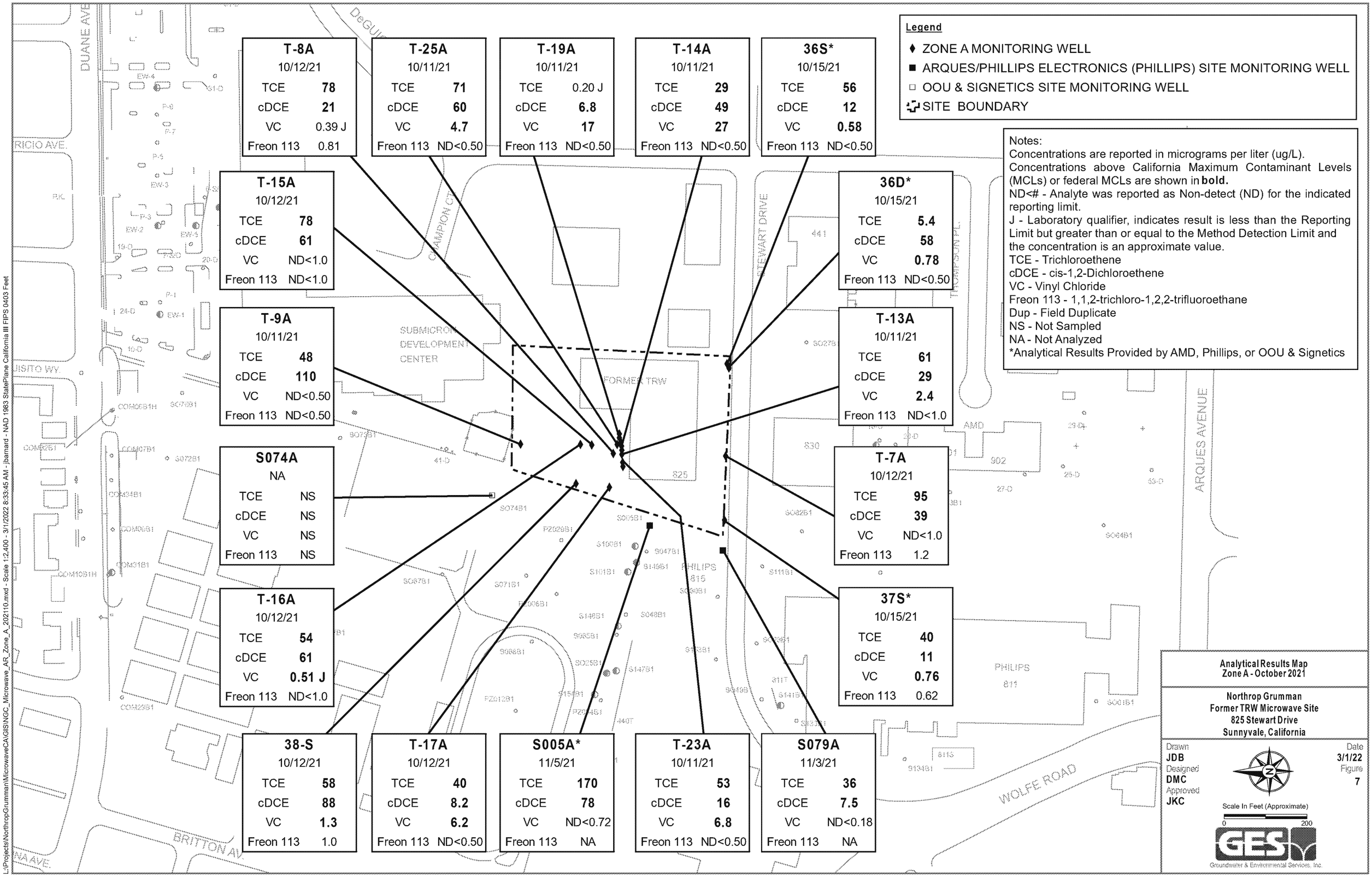
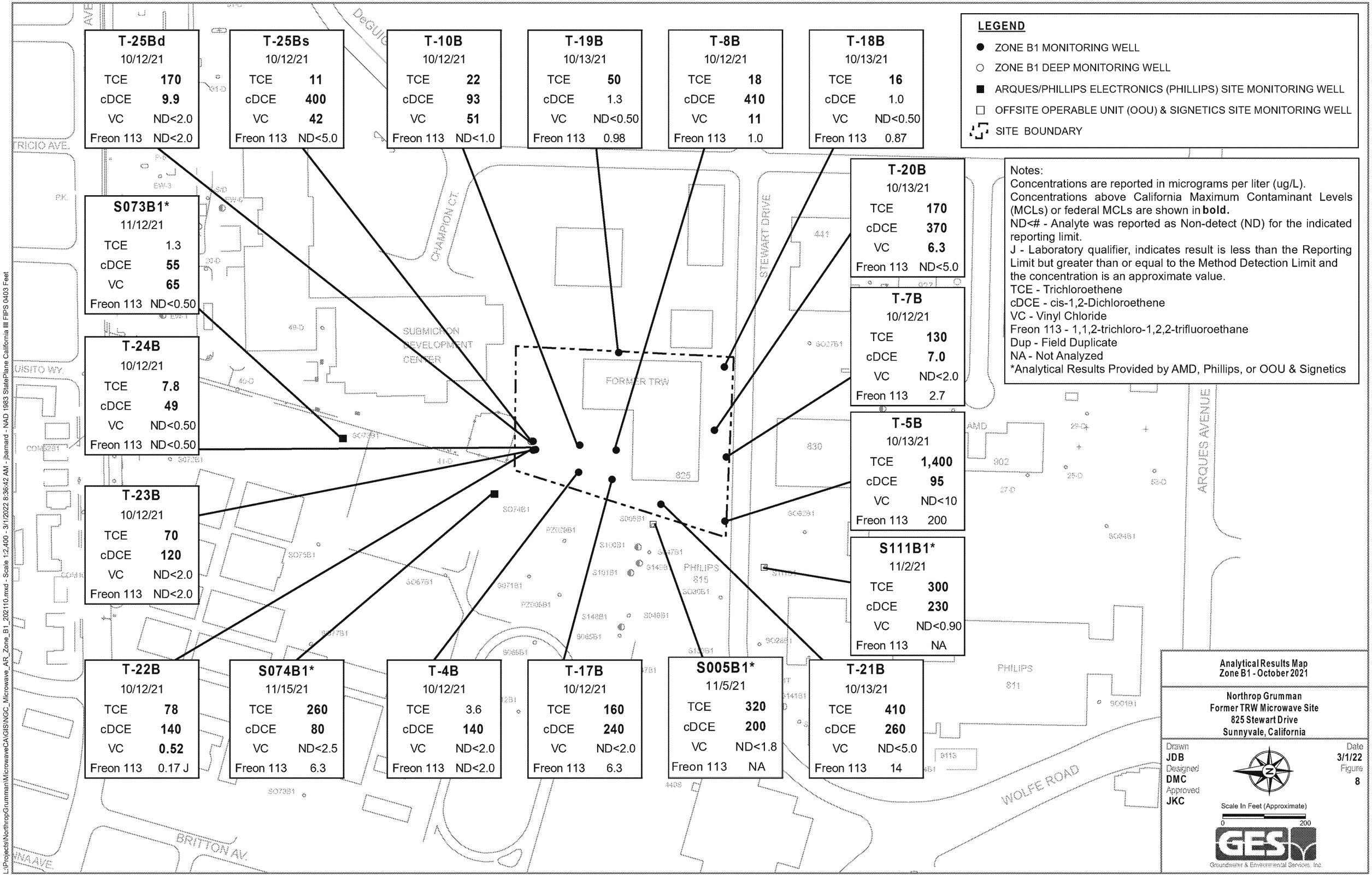

LEGEND
ZONE B2 MONITORING WELL
(36.11) INDICATES WATER-LEVEL ELEVATION IN ZONE A MONITORING WELL (FEET, MSL)
INDICATES APPROXIMATE POTENTIOMETRIC SURFACE CONTOUR IN ZONE B2
LOW PERMEABILITY MATERIAL
APPROXIMATE GROUNDWATER FLOW DIRECTION
DUANE AVE
DeGUIGNE DRIVE
CHAMPION CT
STEWART DRIVE
THOMPSON PL.
ARQUES AVENUE
WOLFE ROAD
BRITTON AV.
AMD 915
SUBMICRON DEVELOPMENT CENTER
FORMER TRW
PHILIPS 815
PHILIPS 811
AMD 901
902
910
926-930
925 927
441
830
825
36DD (36.11)
T-11C (30.64)
T-12C (34.80)
T-10C (30.95)
31.0
32.0
33.0
34.0
35.0
36.0
Potentiometric Surface Contours Map
Zone B2 - October 2021
Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California
Drawn
JDB
Designed
DMC
Approved
JKC
Date
3/1/22
Figure
6
Scale In Feet (Approximate)
0
200
GES
Groundwater & Environmental Services, Inc.
L:\Projects\NorthropGrumman\MicrowaveCA\GIS\NGC_Microwave_GWE_Zone_B2_B2_202110.mxd - Scale 1:2,400 - 3/1/2022 8:32:10 AM - jbarnard - NAD 1983 StatePlane California III FIPS 0403 Feet


Legend
ZONE A MONITORING WELL
ARQUES/PHILLIPS ELECTRONICS (PHILLIPS) SITE MONITORING WELL
OOU & SIGNETICS SITE MONITORING WELL
SITE BOUNDARY
Notes:
Concentrations are reported in micrograms per liter (ug/L).
Concentrations above California Maximum Contaminant Levels (MCLs) or federal MCLs are shown in bold.
ND<# - Analyte was reported as Non-detect (ND) for the indicated reporting limit.
J - Laboratory qualifier, indicates result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
TCE - Trichloroethene
cDCE - cis-1,2-Dichloroethene
VC - Vinyl Chloride
Freon 113 - 1,1,2-trichloro-1,2,2-trifluoroethane
Dup - Field Duplicate
NS - Not Sampled
NA - Not Analyzed
*Analytical Results Provided by AMD, Phillips, or OOU & Signetics
T-8A 10/12/21 TCE 78 cDCE 21 VC 0.39 J Freon 113 0.81
T-25A 10/11/21 TCE 71 cDCE 60 VC 4.7 Freon 113 ND<0.50
T-19A 10/11/21 TCE 0.20 J cDCE 6.8 VC 17 Freon 113 ND<0.50
T-14A 10/11/21 TCE 29 cDCE 49 VC 27 Freon 113 ND<0.50
36S* 10/15/21 TCE 56 cDCE 12 VC 0.58 Freon 113 ND<0.50
T-15A 10/12/21 TCE 78 cDCE 61 VC ND<1.0 Freon 113 ND<1.0
36D* 10/15/21 TCE 5.4 cDCE 58 VC 0.78 Freon 113 ND<0.50
T-9A 10/11/21 TCE 48 cDCE 110 VC ND<0.50 Freon 113 ND<0.50
T-13A 10/11/21 TCE 61 cDCE 29 VC 2.4 Freon 113 ND<1.0
S074A NA TCE NS cDCE NS VC NS Freon 113 NS
T-7A 10/12/21 TCE 95 cDCE 39 VC ND<1.0 Freon 113 1.2
T-16A 10/12/21 TCE 54 cDCE 61 VC 0.51 J Freon 113 ND<1.0
37S* 10/15/21 TCE 40 cDCE 11 VC 0.76 Freon 113 0.62
38-S 10/12/21 TCE 58 cDCE 88 VC 1.3 Freon 113 1.0
T-17A 10/12/21 TCE 40 cDCE 8.2 VC 6.2 Freon 113 ND<0.50
S005A* 11/5/21 TCE 170 cDCE 78 VC ND<0.72 Freon 113 NA
T-23A 10/11/21 TCE 53 cDCE 16 VC 6.8 Freon 113 ND<0.50
S079A 11/3/21 TCE 36 cDCE 7.5 VC ND<0.18 Freon 113 NA
DUANE AVE
RICIO AVE.
UISITO WY.
BRITTON AV
NA AVE
CHAMPION CT
STEWART DRIVE
THOMPSON PL
ARQUES AVENUE
WOLFE ROAD
SUBMICRON DEVELOPMENT CENTER
FORMER TRW
PHILIPS 815
PHILIPS 811
AMD
Analytical Results Map
Zone A - October 2021
Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California
Drawn JDB
Designed DMC
Approved JKC
Date 3/1/22
Figure 7
Scale In Feet (Approximate)
0 200
GES
Groundwater & Environmental Services, Inc.
L:\Projects\NorthropGrumman\MicrowaveCA\GIS\NGC_Microwave_AR_Zone_A_202110.mxd - Scale 1:2,400 - 3/1/2022 8:33:45 AM - jbarnard - NAD 1983 StatePlane California III FIPS 0403 Feet


LEGEND
ZONE B1 MONITORING WELL
ZONE B1 DEEP MONITORING WELL
ARQUES/PHILLIPS ELECTRONICS (PHILLIPS) SITE MONITORING WELL
OFFSITE OPERABLE UNIT (OOU) & SIGNETICS SITE MONITORING WELL
SITE BOUNDARY
Notes:
Concentrations are reported in micrograms per liter (ug/L).
Concentrations above California Maximum Contaminant Levels (MCLs) or federal MCLs are shown in **bold.**
ND<# - Analyte was reported as Non-detect (ND) for the indicated reporting limit.
J - Laboratory qualifier, indicates result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
TCE - Trichloroethene
cDCE - cis-1,2-Dichloroethene
VC - Vinyl Chloride
Freon 113 - 1,1,2-trichloro-1,2,2-trifluoroethane
Dup - Field Duplicate
NA - Not Analyzed
*Analytical Results Provided by AMD, Phillips, or OOU & Signetics
T-25Bd 10/12/21 TCE 170 cDCE 9.9 VC ND<2.0 Freon 113 ND<2.0
T-25Bs 10/12/21 TCE 11 cDCE 400 VC 42 Freon 113 ND<5.0
T-10B 10/12/21 TCE 22 cDCE 93 VC 51 Freon 113 ND<1.0
T-19B 10/13/21 TCE 50 cDCE 1.3 VC ND<0.50 Freon 113 0.98
T-8B 10/12/21 TCE 18 cDCE 410 VC 11 Freon 113 1.0
T-18B 10/13/21 TCE 16 cDCE 1.0 VC ND<0.50 Freon 113 0.87
S073B1* 11/12/21 TCE 1.3 cDCE 55 VC 65 Freon 113 ND<0.50
T-24B 10/12/21 TCE 7.8 cDCE 49 VC ND<0.50 Freon 113 ND<0.50
T-23B 10/12/21 TCE 70 cDCE 120 VC ND<2.0 Freon 113 ND<2.0
T-20B 10/13/21 TCE 170 cDCE 370 VC 6.3 Freon 113 ND<5.0
T-7B 10/12/21 TCE 130 cDCE 7.0 VC ND<2.0 Freon 113 2.7
T-5B 10/13/21 TCE 1,400 cDCE 95 VC ND<10 Freon 113 200
S111B1* 11/2/21 TCE 300 cDCE 230 VC ND<0.90 Freon 113 NA
T-22B 10/12/21 TCE 78 cDCE 140 VC 0.52 Freon 113 0.17 J
S074B1* 11/15/21 TCE 260 cDCE 80 VC ND<2.5 Freon 113 6.3
T-4B 10/12/21 TCE 3.6 cDCE 140 VC ND<2.0 Freon 113 ND<2.0
T-17B 10/12/21 TCE 160 cDCE 240 VC ND<2.0 Freon 113 6.3
S005B1* 11/5/21 TCE 320 cDCE 200 VC ND<1.8 Freon 113 NA
T-21B 10/13/21 TCE 410 cDCE 260 VC ND<5.0 Freon 113 14
SUBMICRON DEVELOPMENT CENTER
FORMER TRW
PHILIPS 815
PHILIPS 811
AMD
STEWART DRIVE
CHAMPION CT.
ARQUES AVENUE
WOLFE ROAD
BRITTON AV.
Analytical Results Map
Zone B1 - October 2021
Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California
Drawn JDB
Designed DMC
Approved JKC
Date 3/1/22
Figure 8
Scale In Feet (Approximate)
0 200
GES
Groundwater & Environmental Services, Inc.
L:\Projects\NorthropGrumman\MicrowaveCA\GIS\NGC_Microwave_AR_Zone_B1_202110.mxd - Scale 1:2,400 - 3/1/2022 8:36:42 AM - jbarnard - NAD 1983 StatePlane California III FIPS 0403 Feet

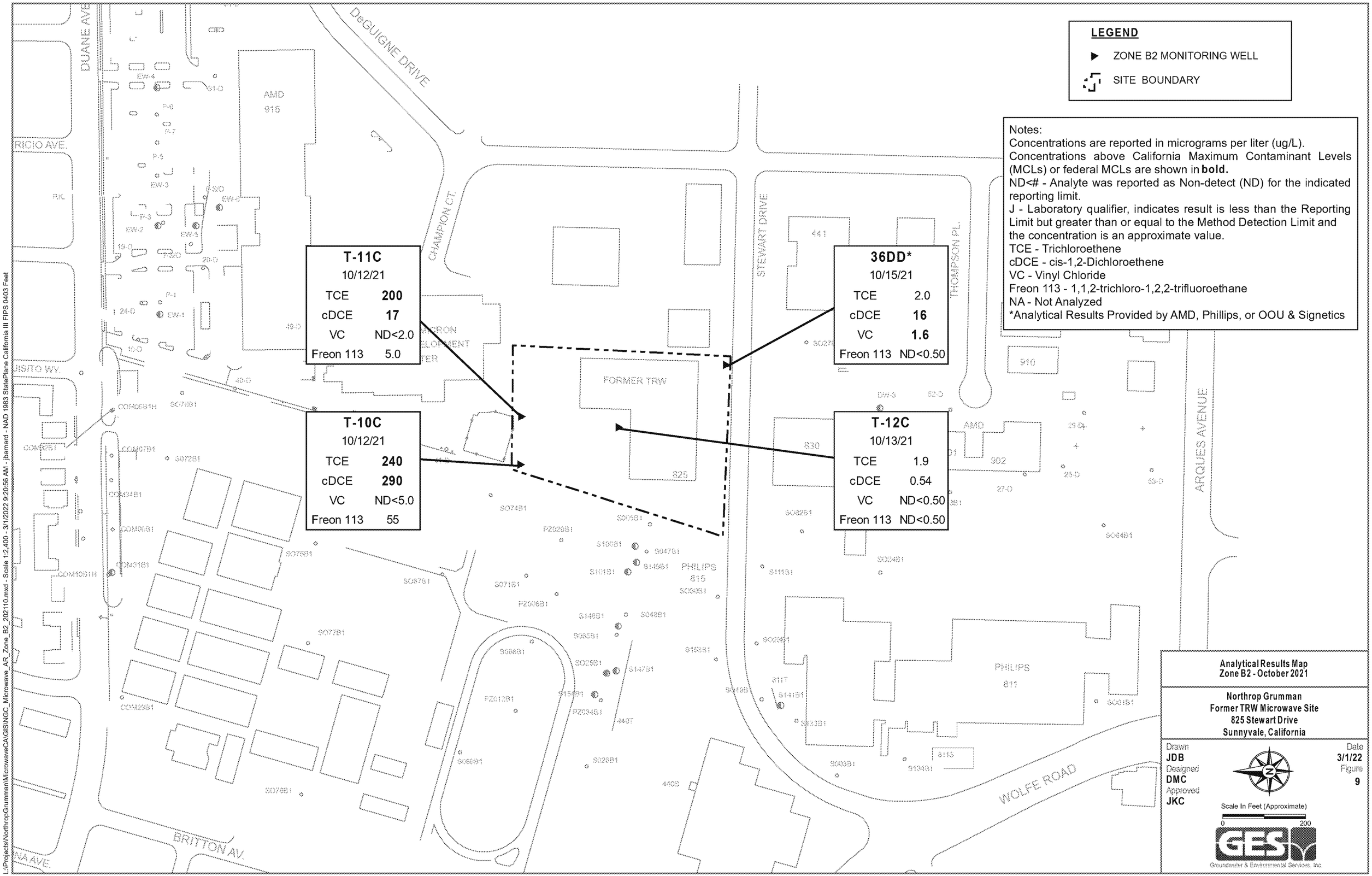
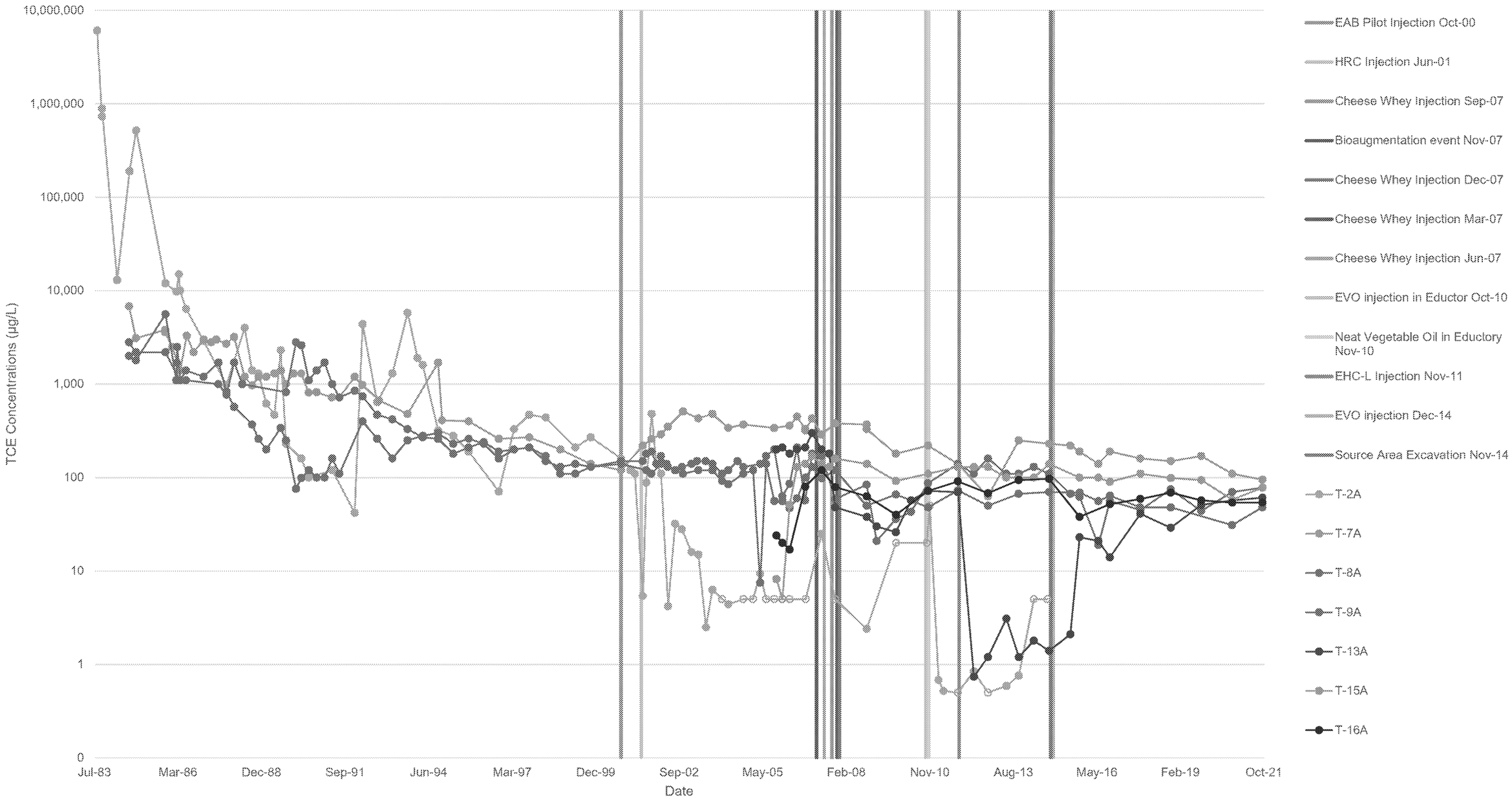
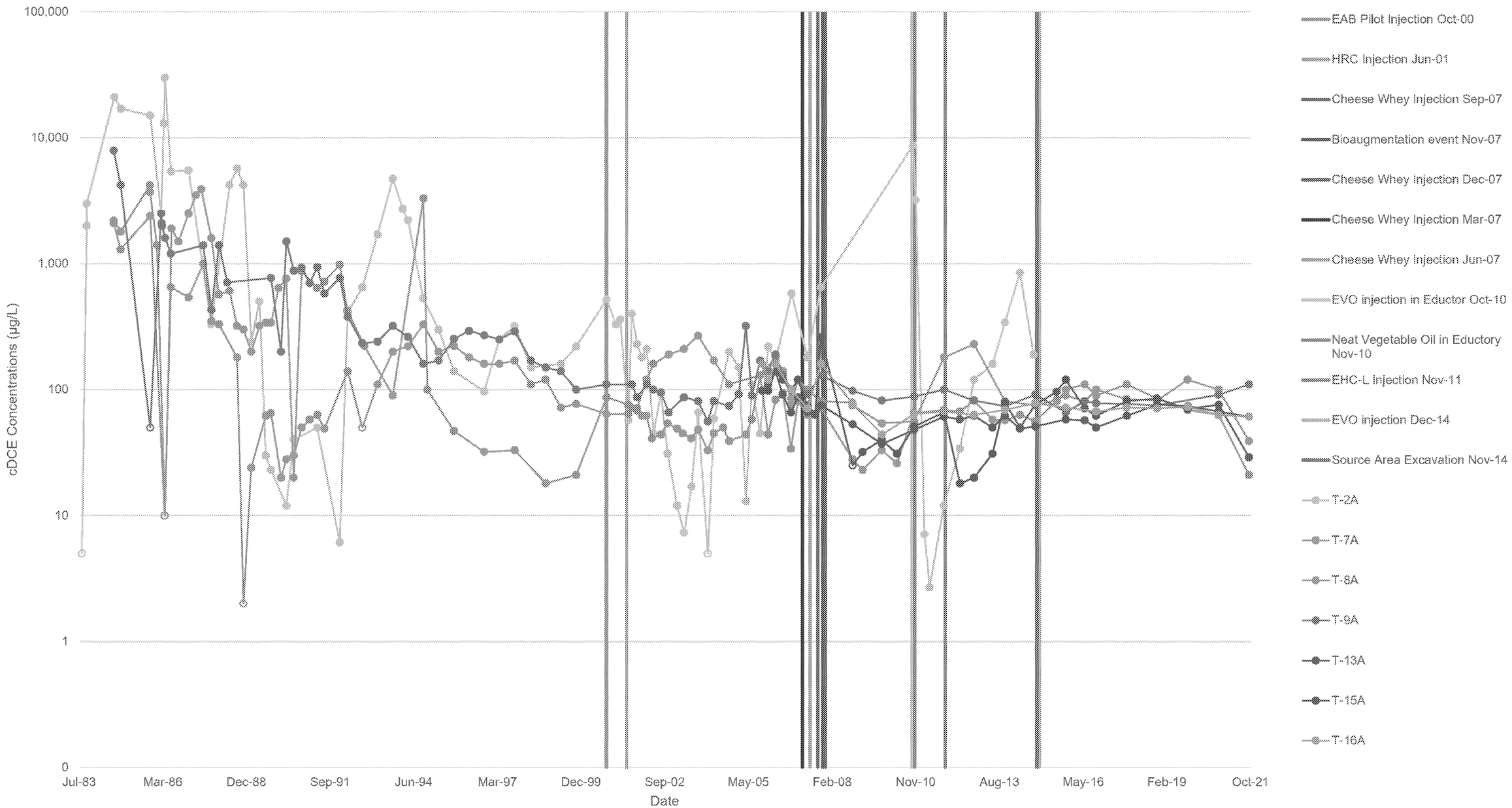

LEGEND
ZONE B2 MONITORING WELL
SITE BOUNDARY
Notes:
Concentrations are reported in micrograms per liter (ug/L).
Concentrations above California Maximum Contaminant Levels (MCLs) or federal MCLs are shown in **bold.**
ND<# - Analyte was reported as Non-detect (ND) for the indicated reporting limit.
J - Laboratory qualifier, indicates result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
TCE - Trichloroethene
cDCE - cis-1,2-Dichloroethene
VC - Vinyl Chloride
Freon 113 - 1,1,2-trichloro-1,2,2-trifluoroethane
NA - Not Analyzed
*Analytical Results Provided by AMD, Phillips, or OOU & Signetics
T-11C
10/12/21
TCE 200
cDCE 17
VC ND<2.0
Freon 113 5.0
T-10C
10/12/21
TCE 240
cDCE 290
VC ND<5.0
Freon 113 55
36DD*
10/15/21
TCE 2.0
cDCE 16
VC 1.6
Freon 113 ND<0.50
T-12C
10/13/21
TCE 1.9
cDCE 0.54
VC ND<0.50
Freon 113 ND<0.50
DeGUIGNE DRIVE
DUANE AVE
RICIO AVE.
CHAMPION CT
STEWART DRIVE
THOMPSON PL
ARQUES AVENUE
WOLFE ROAD
BRITTON AV.
FORMER TRW
AMD 915
AMD 902
PHILIPS 815
PHILIPS 811
825
830
910
441
Analytical Results Map
Zone B2 - October 2021
Northrop Grumman
Former TRW Microwave Site
825 Stewart Drive
Sunnyvale, California
Drawn JDB
Designed DMC
Approved JKC
Date 3/1/22
Figure 9
Scale In Feet (Approximate)
0 200
GES
Groundwater & Environmental Services, Inc.
L:\Projects\NorthropGrumman\MicrowaveCA\GIS\NGC_Microwave_AR_Zone_B2_202110.mxd - Scale 1:2,400 - 3/1/2022 9:20:56 AM - jbarnard - NAD 1983 StatePlane California III FIPS 0403 Feet

Figure 10
Trichloroethene (TCE) Concentrations vs. Time
Zone A Wells - T-2A, T-7A, T-8A, T-9A, T-13A, T-15A and T-16A



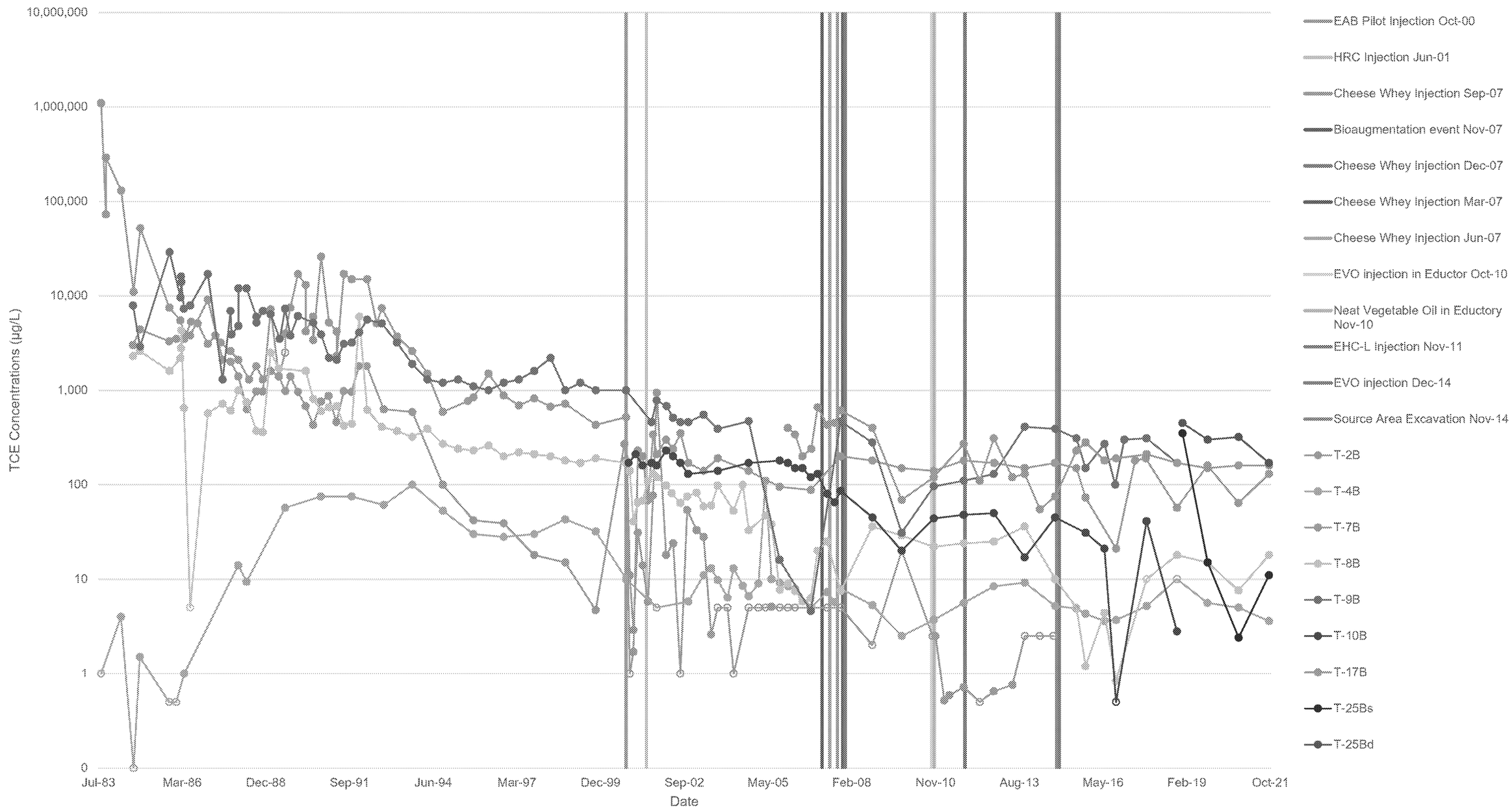
Notes: Open symbols indicate sample was non-detect, where no reporting limit was previously reported a default value of 0.1 was used.
µg/L - micrograms per Liter, EAB - enhanced anaerobic bioremediation, HRC -Hydrogen Release Compound , EVO - emulsified vegetable oil, EHC-L - EHC© Liquid
T-2A was abandoned in November 2014.

Figure 11
cis-1,2-Dichloroethene (cDCE) Concentrations vs. Time
Zone A Wells - T-2A, T-7A, T-8A, T-9A, T-13A, T-15A and T-16A



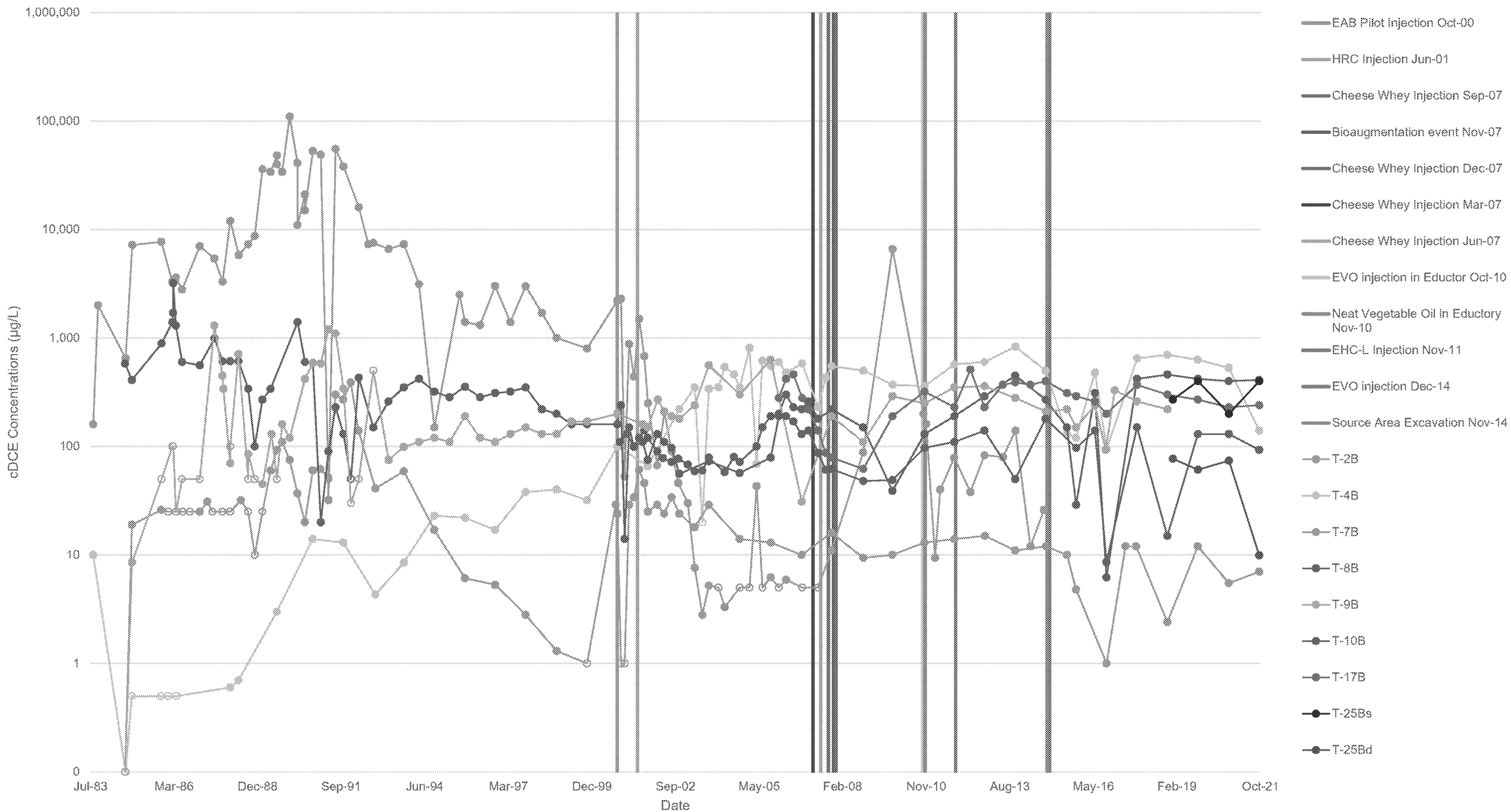
Notes: Open symbols indicate sample was non-detect, where no reporting limit was previously reported a default value of 0.1 was used.
µg/L - micrograms per Liter, EAB - enhanced anaerobic bioremediation, HRC -Hydrogen Release Compound , EVO - emulsified vegetable oil, EHC-L - EHC© Liquid
T-2A was abandoned in November 2014.

Figure 12
Trichloroethene (TCE) Concentrations vs. Time
Zone B1 Wells - T-2B, T-4B, T-7B, T-8B, T-9B, T-10B, T-17B T-25Bs and T-25Bd



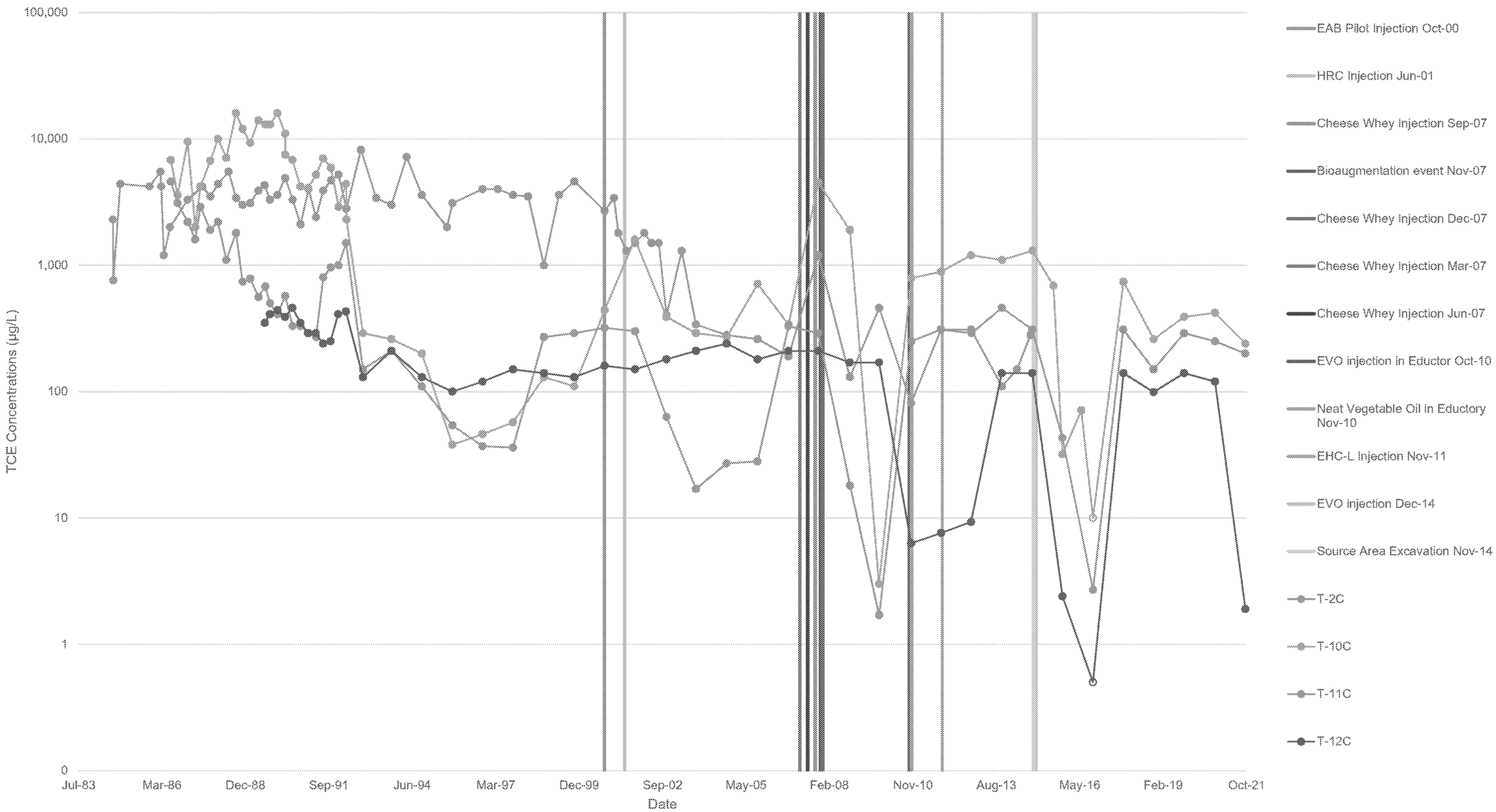
Notes: Open symbols indicate sample was non-detect, where no reporting limit was previously reported a default value of 0.1 was used.
µg/L - micrograms per Liter, EAB - enhanced anaerobic bioremediation, HRC -Hydrogen Release Compound , EVO - emulsified vegetable oil, EHC-L - EHC© Liquid
T-2B was abandoned in November 2014 and T-9B was abandoned November 2019.

Figure 13
cis-1,2-Dichloroethene (cDCE) Concentrations vs. Time
Zone B1 Wells - T-2B, T-4B, T-7B, T-8B, T-9B, T-10B, T-17B T-25Bs and T-25Bd



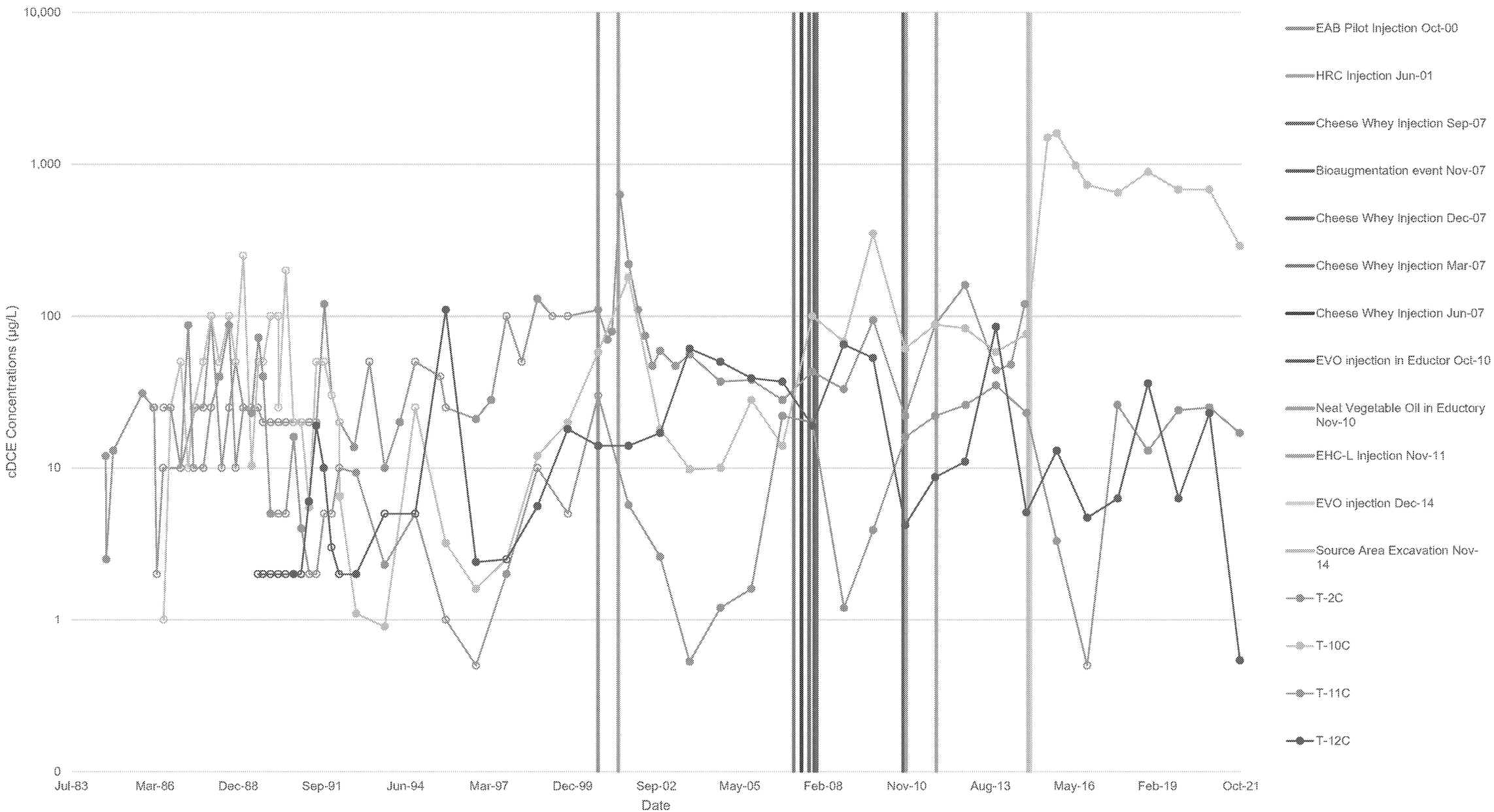
Notes: Open symbols indicate sample was non-detect, where no reporting limit was previously reported a default value of 0.1 was used.
µg/L - micrograms per Liter, EAB - enhanced anaerobic bioremediation, HRC -Hydrogen Release Compound , EVO - emulsified vegetable oil, EHC-L - EHC© Liquid
T-2B was abandoned in November 2014 and T-9B was abandoned in November 2019.

Figure 14
Trichloroethene (TCE) Concentrations vs. Time
Zone B2 Wells - T-2C, T-10C, T-11C, and T-12C



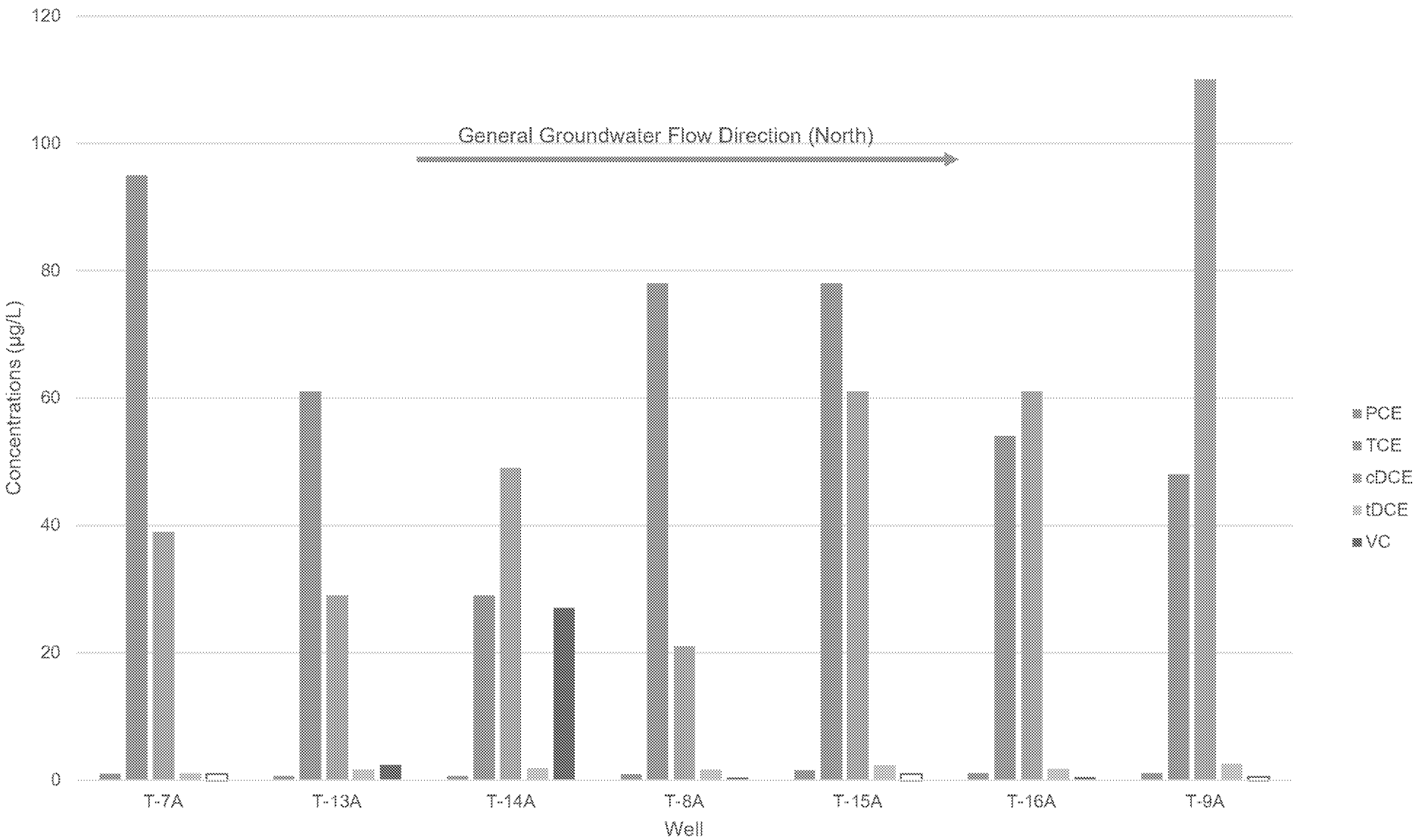
Notes: Open symbols indicate sample was non-detect, where no reporting limit was previously reported a default value of 0.1 was used.
µg/L - micrograms per Liter, EAB - enhanced anaerobic bioremediation, HRC -Hydrogen Release Compound , EVO - emulsified vegetable oil, EHC-L - EHC© Liquid

Figure 15
cis-1,2-Dichloroethene (cDCE) Concentrations vs. Time
Zone B2 Wells - T-2C, T-10C, T-11C, and T-12C



Notes: Open symbols indicate sample was non-detect, where no reporting limit was previously reported a default value of 0.1 was used.
µg/L - micrograms per Liter, EAB - enhanced anaerobic bioremediation, HRC -Hydrogen Release Compound , EVO - emulsified vegetable oil, EHC-L - EHC© Liquid

Figure 16
Chlorinated Ethene Concentrations - Across Site
Zone A Wells - T-7A, T-13A, T-14A, T-8A, T-15A, T-16A, and T-9A



Notes:
Distance between wells are not shown to scale.
Tetrachloroethene (PCE), Trichloroethene (TCE), cis-1,2-Dichloroethene (cDCE), trans-1,2-Dichloroethene (tDCE), Vinyl Chloride (VC)
µg/L - micrograms per Liter
Open bars indicate sample was non-detect, at reporting limit.

Tables

Table 1 – Well Completion and Sampling Information
Table 2 – Water-Level Elevation Measurements – October 2021
Table 3 – 2021 Groundwater Volatile Organic Compound Results
Table 4 – 2021 Groundwater Water Quality Parameters Results

Table 1
Well Completion and Sampling Information
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California

MONITORING PROGRAM										Annual GWM	MNA			
ANALYSES REQUESTED							Gauge	Field Parameters DO, ORP, pH, Cond., Temp., Turb.	Field Testing - Ferrous Iron & Manganese (Hach Field Test)	VOCs (µg/l)	Sulfate, Nitrate	TOC	Alkalinity	Dissolved Gases (Methan, ethane, ethene)
METHOD										EPA 8260B	EPA 300	EPA 9060A	SM 2320B	RSK-175
LABORATORY										Eurofins	Eurofins	Eurofins	Eurofins	Eurofins
CONTAINER TYPE										40 mL VOA	250 mL Poly	250 mL Amber	250 mL Poly	40 mL VOA
PRESERVATIVES										HCl	None	HCl	None	HCl
ANALYTICAL HOLDING TIMES										14 days	48 hours SHORT	28 days	14 days	14 days
NO. BOTTLES PER ANALYSIS										3	1	1	1	3
WELL ID / SAMPLE LOCATION	Total Depth (ft)	WELL SCREENS TOP (ft bgs)	WELL SCREENS BOTTOM (ft bgs)	GW ZONE	Well Diameter (inch)	SAMPLE/ PURGE METHOD								
T7A	20	8	20	A	4	Low flow	✓	✓	-	✓	-	-	-	-
T8A	19	8	19	A	4	Low flow	✓	✓	-	✓	-	-	-	-
T9A	19	7	19	A	4	Low flow	✓	✓	-	✓	-	-	-	-
T13A	20	10	20	A	1	Low flow	✓	✓	-	✓	-	-	-	-
T14A	20	10	20	A	1	Low flow	✓	✓	-	✓	-	-	-	-
T15A	20	10	20	A	1	Low flow	✓	✓	-	✓	-	-	-	-
T16A	20	10	20	A	1	Low flow	✓	✓	-	✓	-	-	-	-
T17A	20	10	20	A	2	Low flow	✓	✓	-	✓	-	-	-	-
T18A	22	12	22	A	1	-	✓	-	-	-	-	-	-	-
T19A	22	10	20	A	1	Low flow	✓	✓	-	✓	-	-	-	-
T20A	20	7	17	A	1	-	✓	-	-	-	-	-	-	-
T21A	20	10	20	A	2	-	✓	-	-	-	-	-	-	-
T22A	20	10	20	A	1	-	✓	-	-	-	-	-	-	-
T23A	20	10	20	A	1	Low flow	✓	✓	-	✓	-	-	-	-
T24A	20	10	20	A	1	-	✓	-	-	-	-	-	-	-
T25A	20	10	20	A	1	Low flow	✓	✓	-	✓	-	-	-	-
36S	15	10	16	A	4	+	✓	-	-	+	-	-	-	-
36D	20	15	20	A	4	+	✓	-	-	+	-	-	-	-
37S	13	9	15	A	4	+	✓	-	-	+	-	-	-	-
38S	15	9	15	A	4	Low flow	✓	✓	-	✓	-	-	-	-
T4B	42	31.5	41.5	B1	4	Low flow	✓	✓	-	✓	-	-	-	-
T5B	45	34.5	44.5	B1	4	Low flow	✓	✓	-	✓	-	-	-	-
T7B	41	34	41	B1	4	Low flow	✓	✓	-	✓	-	-	-	-
T8B	36	24	36	B1	4	Low flow	✓	✓	✓	✓	✓	✓	✓	✓
T10B	32	23	32	B1	2	Low flow	✓	✓	✓	✓	✓	✓	✓	✓
T17B	35	25	35	B1	1	Low flow	✓	✓	-	✓	-	-	-	-
T18B	46	41	46	B1	2	Low flow	✓	✓	-	✓	-	-	-	-
T19B	39	29	39	B1	2	Low flow	✓	✓	-	✓	-	-	-	-
T20B	27	22	27	B1	2	Low flow	✓	✓	-	✓	-	-	-	-
T21B	27	22	27	B1	2	Low flow	✓	✓	-	✓	-	-	-	-
T22B	25	24	25	B1	2	Low flow	✓	✓	-	✓	-	-	-	-
T23B	30	27	30	B1	2	Low flow	✓	✓	-	✓	-	-	-	-
T24B	36	33	36	B1	2	Low flow	✓	✓	-	✓	-	-	-	-
T25BS	27	25	27	B1	2	Low flow	✓	✓	✓	✓	✓	✓	✓	✓
T25BD	36	33	36	B1	2	Low flow	✓	✓	-	✓	-	-	-	-
T10C	60	49	59	B2	4	Low flow	✓	✓	-	✓	-	-	-	-
T11C	56	46	56	B2	4	Low flow	✓	✓	-	✓	-	-	-	-
T12C	56	45.5	55.5	B2	2	Low flow	✓	✓	-	✓	-	-	-	-
36DD	55	51.5	61.5	B2	4	+	✓	-	-	+	-	-	-	-
T9C	65	55	65	B3	4	Low flow	✓	✓	-	✓	-	-	-	-
T8D	102	90	102	B4	4	-	-	-	-	-	-	-	-	-
TOTAL							41	31	3	31	3	3	3	3

Notes:

GMW	= Groundwater Monitoring	DO	= Dissolved Oxygen
MNA	= Monitoring Natural Attenuation	ORP	= Oxidation Reduction Potential
ft bgs	= feet below ground surface	Cond.	= Specific Conductivity
µg/L	= Micrograms per liter	Temp.	= Temperature
mL	= Mililiters	Turb.	= Turbidity
USEPA	= United Stated Evironmental Protection Agency	-	= Not Applicable/Sampled
HCL	= Hydrochloric acid		
+	= Well Sampled by AMD		

Table 2
Water-Level Elevation Measurements - October 2021
Former TRW Microwave Facility - 825 Stewart Drive, Sunnyvale, California

Well Number	Zone	Date Measured	Depth to Water (feet, BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-1A	A	Per RWQCB approval, well was destroyed.			
T-2A	A	Per USEPA approval, well was destroyed.			
T-3A	A	Per USEPA approval, well was destroyed.			
T-6A	A	Per RWQCB approval, well was removed from monitoring program.			
T-7A	A	10/11/2021	7.42	41.84	34.42
T-8A	A	10/11/2021	6.62	40.48	33.85
T-9A	A	10/11/2021	6.82	39.30	32.47
T-13A	A	10/11/2021	7.10	40.99	33.89
T-14A	A	10/11/2021	6.79	40.81	34.02
T-15A	A	10/11/2021	6.79	40.22	33.43
T-16A	A	10/11/2021	6.83	40.12	33.29
T-17A	A	10/11/2021	6.63	40.88	34.25
T-18A	A	10/11/2021	7.27	41.20	33.93
T-19A	A	10/11/2021	7.10	41.00	33.90
T-20A	A	10/11/2021	6.90	40.86	33.96
T-21A	A	10/11/2021	7.19	41.20	34.01
T-22A	A	10/11/2021	7.18	NS	NA
T-23A	A	10/11/2021	7.00	41.44	34.44
T-24A	A	10/11/2021	7.27	41.29	34.02
T-25A	A	10/11/2021	6.35	40.26	33.91
36-S	A	10/11/2021	6.32	41.44	35.12
36-D	A	10/11/2021	6.78	41.20	34.42
37-S	A	10/11/2021	7.02	42.01	34.99
38-S	A	10/11/2021	7.96	41.13	33.17
Eductor	A	Per USEPA approval, Eductor was destroyed.			
T-1B	B1	Per RWQCB approval, well was destroyed.			
T-2B	B1	Per USEPA approval, well was destroyed.			
T-4B	B1	10/11/2021	8.69	40.98	32.29
T-5B	B1	10/11/2021	9.40	41.95	32.55
T-7B	B1	10/11/2021	6.97	41.75	34.78
T-8B	B1	10/11/2021	6.58	40.43	33.85
T-9B	B1	Per USEPA approval, well was destroyed.			
T-10B	B1	10/11/2021	6.76	40.13	33.37
T-17B	B1	10/11/2021	6.72	40.72	34.00
T-18B	B1	10/11/2021	5.43	41.41	35.98
T-19B	B1	10/11/2021	5.38	41.38	36.00
T-20B	B1	10/11/2021	5.12	40.65	35.53
T-21B	B1	10/11/2021	7.10	41.53	34.43
T-22B	B1	10/11/2021	6.48	39.13	32.65
T-23B	B1	10/11/2021	6.70	39.28	32.58
T-24B	B1	10/11/2021	7.81	39.19	31.38
T-25Bd	B1	10/11/2021	7.41	38.79	31.38
T-25Bs	B1	10/11/2021	6.64	39.12	32.48
T-2C	B2	Per USEPA approval, well was destroyed.			
T-10C	B2	10/11/2021	8.51	39.46	30.95
T-11C	B2	10/11/2021	8.13	38.77	30.64
T-12C	B2	10/11/2021	6.34	40.84	34.50
36-DD	B2	10/11/2021	5.41	41.52	36.11
T-9C	B3	10/11/2021	7.32	38.82	31.50
T-8D	B4	10/11/2021	2.63	40.46	37.83

Notes:

Elevations in NAVD88.

BTOC Below Top of Casing
MSL Mean Sea Level
NA Not Applicable
NS Not Surveyed
RWQCB California Regional Water Quality Control Board - San Francisco Region
USEPA United States Environmental Protrection Agency

Table 3
2021 Groundwater Volatile Organic Compound Results Summary
Former TRW Microwave Site - 825 Steward Drive, Sunnyvale, California

Well/Sample Number	Zones	Sample Dates	Contaminants of Concern [a]														
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN
			(µg/L)[b]	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard [c]			***5***	***5***	***6***	***10***	***0.5***	***200***	***6***	***5***	***100***	***150***	***NE*** [d]	***1200***	***100***	***600***	***70***
T-1A	B1	NA[e]	Per RWQCB[f] approval, the well was abandoned in February 2004.														
T-2A	B1	NA	Per USEPA approval, the well was abandoned in November 2014.														
T-3A	B1	NA	Per USEPA approval, the well was abandoned in November 2014.														
T-6A	B1	NA	Per RWQCB approval, the well was removed from monitoring program in 2009.														
T-7A	A	10/12/21	1.0	95	39	1.1	ND<1.0[g]	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.2	ND<2.0	ND<1.0	ND<1.0
T-7A (Dup[i])	A	10/12/21	1.0	94	38	1.1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.2	ND<2.0	ND<1.0	ND<1.0
T-8A	A	10/12/21	0.98	78	21	1.6	0.39 J[h]	ND<0.50	0.27 J	0.24 J	ND<0.50	ND<1.0	ND<1.0	0.81	ND<1.0	0.30 J	ND<0.50
T-9A	A	10/11/21	1.1	48	110	2.6	ND<0.50	ND<0.50	0.59	0.40 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	3.3	0.28 J
T-13A	A	10/11/21	0.67 J	61	29	1.6	2.4	ND<1.0	ND<1.0	0.24 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	0.21 J	ND<1.0
T-14A	A	10/11/21	0.65	29	49	1.9	27	ND<0.50	0.31 J	0.42 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	2.2	0.11 J
T-15A	A	10/12/21	1.6	78	61	2.3	ND<1.0	ND<1.0	0.47 J	0.28 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	1.1	ND<1.0
T-16A	A	10/12/21	1.1	54	61	1.8	0.51 J	ND<1.0	0.31 J	0.28 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	1.4	ND<1.0
T-17A	A	10/12/21	0.81	40	8.2	1.6	6.2	ND<0.50	ND<0.50	0.18 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50
T-19A	A	10/11/21	ND<0.50	0.20 J	6.8	0.92	17	ND<0.50	ND<0.50	0.43 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	1.2	0.37 J
T-23A	A	10/11/21	0.69	53	16	1.1	6.8	ND<0.50	ND<0.50	0.19 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	0.13 J	ND<0.50
T-25A	A	10/11/21	1.6	71	60	1.9	4.7	ND<0.50	0.48 J	0.40 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	2.0	ND<0.50
36S[j]	A	10/15/21	1.7	56	12	0.54	0.58	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	ND<0.50	NA	ND<0.50	NA
36D[j]	A	10/15/21	ND<0.50	5.4	58	3.5	0.78	ND<0.50	ND<0.50	0.60	NA	NA	NA	ND<0.50	NA	ND<0.50	NA
37S[j]	A	10/15/21	0.54	40	11	ND<0.50	0.76	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	0.62	NA	ND<0.50	NA
38-S	A	10/12/21	0.78 J	58	88	0.70 J	1.3	ND<1.0	0.28 J	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.0	ND<2.0	ND<1.0	ND<1.0
S005A[j]	A	11/5/21	2.3	170	78	0.89 J	ND<0.72	ND<0.40	ND<0.52	ND<0.40	ND<0.64	ND<0.52	ND<1.3	NA	ND<0.76	ND<0.39	ND<0.28
S074A[j]	A	NS[k]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
S079A[j]	A	11/3/21	0.21 J	36	7.5	0.12 J	ND<0.18	ND<0.10	ND<0.13	0.12 J	ND<0.16	ND<0.13	ND<0.32	NA	ND<0.19	ND<0.097	ND<0.070
Eductor	A	NA	Per USEPA approval, the Eductor was abandoned in November 2014.														
T-1B	B1	NA	Per RWQCB approval, the well was abandoned in February 2004.														
T-2B	B1	NA	Per USEPA approval, the well was abandoned in November 2014.														
T-4B	B1	10/12/21	ND<2.0	3.6	140	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0
T-5B	B1	10/13/21	6.5 J	1,400	95	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	200	ND<20	ND<10	ND<10
T-5B (Dup)	B1	10/13/21	2.7 J	870	45	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	93	ND<20	ND<10	ND<10
T-7B	B1	10/12/21	ND<2.0	130	7.0	1.2 J	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	2.7	ND<4.0	1.3 J	ND<2.0
T-7B (Dup)	B1	10/12/21	0.46 J	130	7.1	1.3 J	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	2.9	ND<4.0	1.2 J	ND<2.0
T-8B	B1	10/12/21	ND<0.50	18	410	5.6	11	ND<0.50	1.8	0.72	ND<0.50	ND<1.0	ND<1.0	1.0	ND<1.0	5.2	ND<0.50
T-9B	B1	NA	Per USEPA approval, the well was abandoned in November 2019.														
T-10B	B1	10/12/21	0.31 J	22	93	2.3	51	ND<1.0	0.38 J	0.46 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	2.9	ND<1.0
T-17B	B1	10/12/21	0.71 J	160	240	1.4 J	ND<2.0	ND<2.0	0.97 J	ND<2.0	ND<2.0	ND<4.0	ND<4.0	6.3	ND<4.0	ND<2.0	ND<2.0
T-18B	B1	10/13/21	ND<0.50	16	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	0.87	ND<1.0	ND<0.50	ND<0.50
T-19B	B1	10/13/21	ND<0.50	50	1.3	ND<0.50	ND<0.50	0.17 J	ND<0.50	0.23 J	ND<0.50	ND<1.0	ND<1.0	0.98	ND<1.0	ND<0.50	ND<0.50
T-20B	B1	10/13/21	ND<5.0	170	370	2.9 J	6.3	ND<5.0	1.7 J	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<10	ND<5.0	ND<5.0
T-21B	B1	10/13/21	ND<5.0	410	260	1.7 J	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	14	ND<10	ND<5.0	ND<5.0
T-22B	B1	10/12/21	1.5	78	140	3.2	0.52	ND<0.50	0.91	0.36 J	ND<0.50	ND<1.0	ND<1.0	0.17 J	ND<1.0	2.2	ND<0.50
T-23B	B1	10/12/21	1.2 J	70	120	2.7	ND<2.0	ND<2.0	0.75 J	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<4.0	2.6	ND<2.0

Table 3
2021 Groundwater Volatile Organic Compound Results Summary
Former TRW Microwave Site - 825 Steward Drive, Sunnyvale, California

Well/Sample Number	Zones	Sample Dates	Contaminants of Concern [a]														
			PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN
			(µg/L)[b]	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard [c]			***5***	***5***	***6***	***10***	***0.5***	***200***	***6***	***5***	***100***	***150***	***NE*** [d]	***1200***	***100***	***600***	***70***
T-24B	B1	10/12/21	ND<0.50	7.8	49	0.63	ND<0.50	ND<0.50	0.36 J	0.24 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	0.14 J	ND<0.50
T-25Bd	B1	10/12/21	3.4	170	9.9	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0
T-25Bs	B1	10/12/21	ND<5.0	11	400	5.2	42	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<10	ND<5.0	ND<5.0
S005B1[j]	B2	11/5/21	1.9 J	320	200	ND<1.1	ND<1.8	ND<1.0	ND<1.3	ND<1.0	ND<1.6	ND<1.3	ND<3.2	NA	ND<1.9	ND<0.97	ND<0.70
S073B1[j]	B2	11/12/21	ND<0.50	1.3	55	1.2	65	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	NA	ND<0.50	ND<1.0	ND<0.50	ND<0.50
S074B1[j]	B2	11/15/21	ND<2.5	260	80	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	NA	6.3	ND<5.0	ND<2.5	ND<2.5
S111B1[j]	B2	11/2/21	ND<0.50	300	230	2.2 J	ND<0.90	ND<0.50	ND<0.65	ND<0.50	ND<0.80	ND<0.65	ND<1.6	NA	ND<0.95	ND<0.49	ND<0.35
T-2C	B2	NA	Per USEPA approval, the well was abandoned in November 2014.														
T-10C	B2	10/12/21	ND<5.0	240	290	3.1 J	ND<5.0	ND<5.0	2.1 J	ND<5.0	ND<5.0	ND<10	4.3 J	55	ND<10	ND<5.0	ND<5.0
T-11C	B2	10/12/21	ND<2.0	200	17	0.57 J	ND<2.0	ND<2.0	1.4 J	ND<2.0	ND<2.0	ND<4.0	ND<4.0	5.0	ND<4.0	ND<2.0	ND<2.0
T-11C (Dup)	B2	10/12/21	ND<2.0	200	18	0.55 J	0.72 J	ND<2.0	1.6 J	ND<2.0	ND<2.0	ND<4.0	1.3 J	5.6	ND<4.0	ND<2.0	ND<2.0
T-12C	B2	10/13/21	ND<0.50	1.9	0.54	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50
36DD[j]	B2	10/15/21	ND<0.50	2.0	16	2.9	1.6	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	ND<0.50	NA	ND<0.50	NA
T-9C	B3	10/13/21	ND<0.50	0.31 J	0.31 J	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50
T-8D	B4	NA	Per RWQCB approval, groundwater sampling of well was suspended in 2002.														

Notes:

(a) 1,1,1-TCA = 1,1,1-trichloroethane; cis-1,2-DCE = cis-1,2-dichloroethene; CDM = Chlorodibromomethane/Dibromochloromethane; PCE = Tetrachloroethene
1,1-DCA = 1,1-dichloroethane; trans-1,2-DCE = trans-1,2-dichloroethene; Freon 11 = Trichlorofluoromethane; TCE = Trichloroethene
1,1-DCE = 1,1-dichloroethene; BFM = Bromoform; Freon 12 = Dichlorodifluoromethane; VC = Vinyl Chloride
1,2-DCB = 1,2-dichlorobenzene; CBN = Chlorobenzene; Freon 113 = 1,1,2-trichloro-1,2,2-trifluoroethane

(b) µg/L = microgram per liter

(c) Drinking water standards are Maximum Contaminant Levels (MCLs) as established by the California Department of Health Services, or if no California MCLs have been established, then United States Environmental Protection Agency (USEPA) MCLs were used.
Concentrations reported above MCLs are shown in bold.

(d) NE = Not Established

(e) NA = Not Analyzed

(f) RWQCB = California Regional Water Quality Control Board - San Francisco Bay Region

(g) ND< = Not Detected at the indicated laboratory reporting limit shown.

(h) J = Result is less than the RL but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.

(i) Dup = Field Duplicate Sample

(j) Data provided by Advanced Micro Devices, Inc. (AMD) or Philips Electronics (Philips)/The Companies Offsite Operable Unit (OOU).

(k) NS = Not sampled

Table 4
2021 Groundwater Water Quality Parameters Results
Former TRW Microwave Site - 825 Stewart Drive, Sunnyvale, California

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	Total Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
Zone A Aquifer Wells													
38-S	10/12/21	22.1	7.02	1.318	1	-38.9	--	--	--	--	--	--	--
T-7A	10/12/21	23.1	6.89	1.427	10	98.0	--	--	--	--	--	--	--
T-8A	10/12/21	21.8	6.95	1.398	16	50.6	--	--	--	--	--	--	--
T-9A	10/11/21	23.6	6.70	1.366	2	154.9	--	--	--	--	--	--	--
T-13A	10/11/21	20.2	6.90	1.416	9	-72.1	--	--	--	--	--	--	--
T-14A	10/11/21	20.2	6.60	1.318	1	-130.9	--	--	--	--	--	--	--
T-15A	10/12/21	21.0	6.91	1.285	1	59.1	--	--	--	--	--	--	--
T-16A	10/12/21	21.7	6.85	1.336	11	163.5	--	--	--	--	--	--	--
T-17A	10/12/21	20.7	6.99	1.320	3	39.5	--	--	--	--	--	--	--
T-19A	10/11/21	22.0	6.90	1.369	1	-89.6	--	--	--	--	--	--	--
T-23A	10/11/21	20.4	6.83	1.484	12	-50.3	--	--	--	--	--	--	--
T-25A	10/11/21	20.8	6.82	1.290	36	-20.6	--	--	--	--	--	--	--
Zone B1 Aquifer Wells													
T-4B	10/12/21	22.4	7.67	0.984	1	-48.0	--	--	--	--	--	--	--
T-5B	10/13/21	19.8	7.25	1.070	1	183.6	--	--	--	--	--	--	--
T-7B	10/12/21	21.4	7.11	1.000	1	129.5	--	--	--	--	--	--	--
T-8B	10/12/21	21.9	7.07	1.297	9	-50.6	ND<1.3	200	270	1.8	0.28 J	390	0.74 J
T-10B	10/12/21	21.7	6.90	0.673	5	148.3	ND<1.3	160	860	8.2	3.5	420	1.9
T-17B	10/12/21	20.6	7.18	1.181	2	-6.6	--	--	--	--	--	--	--
T-18B	10/13/21	20.5	7.94	0.663	0	131.1	--	--	--	--	--	--	--
T-19B	10/13/21	20.9	7.27	1.006	11	-131.5	--	--	--	--	--	--	--
T-20B	10/13/21	20.0	7.26	1.370	2	-38.2	--	--	--	--	--	--	--
T-21B	10/13/21	20.5	7.22	1.239	1	163.3	--	--	--	--	--	--	--
T-22B	10/12/21	22.0	6.20	1.352	1	200.3	--	--	--	--	--	--	--
T-23B	10/12/21	21.6	6.89	1.348	3	88.7	--	--	--	--	--	--	--
T-24B	10/12/21	21.7	7.42	1.239	1	1.79	--	--	--	--	--	--	--
T-25Bd	10/12/21	23.9	7.27	1.035	1	81.3	--	--	--	--	--	--	--
T-25Bs	10/12/21	23.8	7.09	1.413	2	-53.0	ND<1.3	170	120	1.4	2.9	490	0.95 J

Table 4
2021 Groundwater Water Quality Parameters Results
Former TRW Microwave Site - 825 Stewart Drive, Sunnyvale, California

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	Total Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
Zone B2 Aquifer Wells													
T-10C	10/12/21	21.9	7.72	0.772	5	64.3	--	--	--	--	--	--	--
T-11C	10/12/21	24.7	7.31	0.939	1	159.7	--	--	--	--	--	--	--
T-12C	10/13/21	21.0	9.18	0.255	0	49.1	--	--	--	--	--	--	--
Zone B3 Aquifer Wells													
T-9C	10/13/21	21.9	7.83	0.726	4	-61.1	--	--	--	--	--	--	--

Notes:
°C = degree Celsius
SU = standard units
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mV = millivolts
nM = nanomolar
mg/L = milligrams per liter
$CaCO_3$ = calcium carbonate
-- = not analyzed/measured
µg/L = micrograms per liter
ND<#.# = Not detected at or above indicated laboratory reporting limit

Appendix A – Groundwater Sampling Procedures and Low Flow Sampling Logs

Blaine Tech Services, Inc.
Standard Operating Procedure

LOW-FLOW SAMPLING

SAMPLE-PRO BLADDER PUMP

1. Calibrate YSI Flow Cell as per manufacturer's specifications. Thoroughly rinse probe and cup between parameters. Calibration order as follows:

    A. pH (use 3-point calibration of 7, 4, 10)
    B. Oxygen Reduction Potential (ORP)
    C. Specific Conductance
    D. Dissolved Oxygen (DO) (calibrate simulating 100% oxygen saturation)

2. Insert new bladder into Sample-Pro pump housing.
3. Remove dedicated PE tubing from the well or start with new PE tubing cut to the required length.
4. Attach the PE tubing to the Sample-Pro Bladder Pump.
5. Gently lower the Sample-Pro Bladder Pump, and PE tubing into the well, placing the Sample-Pro Bladder Pump intake at the center of the screened interval. Take care to minimize disturbance to the water column.
6. Direct effluent line into YSI 556 Flow Cell.
7. Set Sample-Pro Bladder Pump speed at 100 - 500 ml/min.
8. Collect water quality parameter measurements for temperature, pH, conductivity, turbidity, DO and ORP every 3-5 minutes.
9. Monitor drawdown during purging with electronic water level meter. Record water level with each parameter measurement. MAXIMUM DRAWDOWN IS 0.33 FEET.
10. Collect parameter measurements until stability is achieved. Stability is defined as three consecutive measurements where:

Temp	± 1° Celsius
pH	± 0.1
Conductivity	± 3%
Turbidity	± 10% NTU
DO	± 0.3 mg/l
ORP	± 10 Mv

11. Ensure at least one System Volume is removed from the well before sampling. A System Volume is equal to the volume of the bladder plus the volume of the water line.
12. Disconnect effluent line from YSI 556 Flow Cell.

13. Sample through effluent line while maintaining constant flow rate of 100mL/min.
14. Remove Sample-Pro Bladder Pump, and PE tubing from well.
15. Detach and reinstall dedicated PE tubing in well.

WELL GAUGING SHEET

Client: GES

Date: 10/11/2021

Project Name/Site Address: TRW Microwave @ 825 Stewart Dr., Sunnyvale, CA

Job #: 211011SC-1

Technician(s): SC

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
36D	1000	4	—	—	—	—	6.78	20.10	TOC	
36DD	1003	4	—	—	—	—	5.41	55.07	TOC	
36S	1005	4	—	—	—	—	6.32	15.00	TOC	
37S	0955	4	—	—	—	—	7.02	13.00	TOC	
38S	0854	4	—	—	—	—	7.96	14.51	TOC	
T-4B	0850	4	—	—	—	—	8.69	39.27	TOC	
T-5B	0950	4	—	—	—	—	9.40	42.98	TOC	
T-7A	0945	4	—	—	—	—	7.42	18.71	TOC	
T-7B	0940	4	—	—	—	—	6.97	41.60	TOC	
T-8A	0825	4	—	—	—	—	6.62	15.32	TOC	
T-8B	0827	4	—	—	—	—	6.58	35.01	TOC	
T-8D	0835	4	—	—	—	—	2.63	100.27	TOC	
T-9A	1110	4	—	—	—	—	6.82	18.39	TOC	
T-9C	0859	4	—	—	—	—	7.32	63.52	TOC	
T-10B	0840	2	—	—	—	—	6.76	24.46	TOC	
T-10C	0905	4	—	—	—	—	8.51	57.30	TOC	
T-11C	0920	4	—	—	—	—	8.13	55.49	TOC	
T-12C	0935	2	—	—	—	—	6.34	54.83	TOC	
T-13A	0900	1	—	—	—	—	7.10	18.79	TOC	
T-14A	0750	1	—	—	—	—	6.79	17.86	TOC	

WELL GAUGING SHEET

Client: GES

Date: 10/11/2021

Project Name/Site Address: TRW Microwave @ 825 Stewart Dr., Sunnyvale, CA

Job #: 211011SC-1

Technician(s): SC

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
T-15A	0843	1	—	—	—	—	6.79	18.90	TOC	
T-16A	0845	1	—	—	—	—	6.83	18.72	TOC	
T-17A	0935	2	—	—	—	—	6.63	20.13	TOC	
T-17B	0940	1	—	—	—	—	6.72	34.39	TOC	
T-18A	0800	1	—	—	—	—	7.27	19.73	TOC	
T-18B	1025	2	—	—	—	—	5.43	47.28	TOC	
T-19A	0805	1	—	—	—	—	7.10	20.73	TOC	
T-19B	1027	2	—	—	—	—	5.38	39.21	TOC	
T-20A	0807	1	—	—	—	—	6.90	15.84	TOC	
T-20B	1030	2	—	—	—	—	5.12	26.91	TOC	
T-21A	0755	1	—	—	—	—	7.19	17.78	TOC	
T-21B	1020	2	—	—	—	—	7.10	27.26	TOC	
T-22A	0810	1	—	—	—	—	7.18	18.08	TOC	
T-22B	1015	2	—	—	—	—	6.48	24.42	TOC	
T-23A	0815	1	—	—	—	—	7.00	18.00	TOC	
T-23B	0917	2	—	—	—	—	6.70	29.10	TOC	
T-24A	1010	1	—	—	—	—	7.27	18.90	TOC	
T-24B	0915	2	—	—	—	—	7.81	35.38	TOC	
T-25A	0830	1	—	—	—	—	6.35	18.90	TOC	
T-25BS	0930	2	—	—	—	—	6.64	26.45	TOC	
T-25BD	0927	2	—	—	—	—	7.41	36.00	TOC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: 38S	Well Diameter (inch): 4
Total Well Depth: 14.51	Depth to Water: Pre: 7.96 Post: 8.02
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 9.0-15.0

Start Purge: 1030 Flow Rate: 200 ml/min Pump Depth: 14

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1033	22.0	7.03	1318	2	0.68	-52.6	600	8.00	clear
1036	22.0	7.03	1318	2	0.64	-45.9	1200	8.00	↓
1039	22.1	7.05	1318	1	0.61	-42.1	1800	8.00	↓
1042	22.1	7.02	1318	1	0.59	-39.2	2400	8.02	↓
1045	22.1	7.02	1318	1	0.58	-38.9	3000	8.02	↓

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1050	Sampling Date: 10/12/2021
Sample I.D.: J6038-38S-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-4B	Well Diameter (inch): 4
Total Well Depth: 39.27	Depth to Water: Pre: 8.69 Post: 8.73
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☒ Bladder Pump ☐ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 31.5-41.5

Start Purge: 0957 Flow Rate: 200 ml/min Pump Depth: 37

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1000	21.8	7.58	1008	1	0.36	-12.6	600	8.72	
1003	22.4	7.67	984	1	0.34	-41.6	1200	8.73	
1006	22.4	7.67	984	1	0.27	-47.1	1800	8.73	
1009	22.4	7.67	984	1	0.26	-48.2	2400	8.73	
1012	22.4	7.67	984	1	0.27	-48.0	3000	8.73	

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1017	Sampling Date: 10/12/2021
Sample I.D.: J6038- T4B - 101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 2110115C-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/13/2021
Well I.D.: T-5B	Well Diameter (inch): 4
Total Well Depth: 47.98	Depth to Water: Pre: 9.40 Post: 9.47
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 34.5-44.5

Start Purge: 0741 Flow Rate: 200 ml/min Pump Depth: 39.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0744	19.5	7.26	1071	2	0.02	181.7	600	9.40	clear
0747	19.5	7.26	1070	2	0.01	180.6	1200	9.45	|
0750	19.7	7.25	1068	1	0.02	182.2	1800	9.47	|
0753	19.8	7.25	1068	1	0.02	185.1	2400	9.47	|
0756	19.8	7.25	1070	1	0.02	183.6	3000	9.47	|

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 0801	Sampling Date: 10/13/2021
Sample I.D.: J6038-T5B-101321-1	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: TRIPBLANK-J6038-101321 @ Time 0730	Duplicate I.D.: J6038-T5B-101321-2 @ Time 0806
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 2110115C-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-7A	Well Diameter (inch): 4
Total Well Depth: 18.71	Depth to Water: Pre: 7.42 Post: 7.48
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 8-20

Start Purge: 1430 Flow Rate: 200 ml/min Pump Depth: 14

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1433	23.4	6.91	1430	12	0.45	53.4	600	7.45	clear
1436	23.2	6.90	1429	10	0.02	82.6	1200	7.48	|
1439	23.1	6.89	1428	10	0.01	94.4	1800	7.48	|
1442	23.1	6.89	1426	10	0.01	97.8	2400	7.48	|
1445	23.1	6.89	1427	10	0.01	98.0	3000	7.48	|

HACH Field Test:	Ferrous Iron: Ø NA mg/L	
	Manganese: NA mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1450	Sampling Date: 10/12/2021
Sample I.D.: J6038-T7A-101221-1	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: J6038-T7A-101221-2 @ Time 1455
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011 5c-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: CE	Start Date: 10/12/21
Well I.D.: T-7B	Well Diameter (inch): 4
Total Well Depth: 41.60	Depth to Water: Pre: 6.97 Post: 7.00
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 34-41

Start Purge: 1400 Flow Rate: 200 ml/min Pump Depth: 40

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1403	21.6	6.11	1036	1	0.46	180.1	600	6.97	clear
1406	21.5	7.13	1026	1	0.33	127.8	1200	6.97	" "
1409	21.5	7.18	1022	1	0.37	115.3	1800	6.98	" "
1412	21.4	7.12	1016	1	0.31	122.0	2400	6.98	" "
1415	21.4	7.12	1011	1	0.47	128.5	3000	6.98	" "
1418	21.5	7.12	1006	1	0.41	127.6	3600	6.99	" "
1421	21.5	7.12	1002	1	0.42	128.9	4200	7.00	" "
1424	21.4	7.11	1000	1	0.41	129.5	4800	7.00	" "

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 4800 ml
Sampling Time: 1430	Sampling Date: 10/12/21
Sample I.D.: J6038-T7B-101221-1	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: @ 1435 Time J6038-T7B-101221-2
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-8A	Well Diameter (inch): 4
Total Well Depth: 15.32	Depth to Water: Pre: 6.62 Post: 6.64
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 8.0-19.0

Start Purge: 1350 Flow Rate: 200 ml/min Pump Depth: 12.0

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1353	22.0	6.96	1400	22	0.47	51.2	600	6.62	Clear
1356	21.9	6.96	1399	20	0.42	48.7	1200	6.64	↓
1359	21.8	6.95	1398	16	0.36	50.0	1800	6.64	↓
1402	21.8	6.95	1398	16	0.35	50.4	2400	6.64	↓
1405	21.8	6.95	1398	16	0.37	50.6	3000	6.64	↓

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1410	Sampling Date: 10/12/2021
Sample I.D.: J6038- T8A - 101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-8B	Well Diameter (inch): 4
Total Well Depth: 35.01	Depth to Water: Pre: 6.58 Post: 6.62
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 24 - 36

Start Purge: 1315 Flow Rate: 200 ml/min Pump Depth: 30

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1318	22.0	7.05	1283	12	0.48	-45.2	600	6.58	Clear
1321	22.0	7.05	1300	10	0.35	-46.6	1200	6.61	
1324	21.9	7.07	1299	9	0.26	-51.6	1800	6.62	
1327	21.9	7.07	1297	9	0.25	-51.0	2400	6.62	
1330	21.9	7.07	1297	9	0.26	-50.6	3000	6.62	

HACH Field Test:	Ferrous Iron: Ø mg/L	
	Manganese: Ø mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1335	Sampling Date: 10/12/2021
Sample I.D.: J6038- T8B-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/11/2021
Well I.D.: T-9A	Well Diameter (inch): 4
Total Well Depth: 18.39	Depth to Water: Pre: 6.82 Post: 6.90
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 7.0-19.0

Start Purge: 1123 Flow Rate: 200 ml/min Pump Depth: 13

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1126	23.6	6.83	1375	6	0.36	169.3	600	6.84	Clear
1129	23.6	6.84	1374	5	0.23	160.1	1200	6.90	↓
1132	23.6	6.80	1372	4	0.19	166.9	1800	6.90	↓
1135	23.6	6.68	1368	2	0.16	153.2	2400	6.90	↓
1138	23.6	6.70	1367	2	0.15	155.6	3000	6.90	↓
1141	23.6	6.70	1366	2	0.15	154.9	3600	6.90	↓

HACH Field Test:	Ferrous Iron: —	mg/L
	Manganese: —	mg/L

Did well dewater? Yes (No)	Amount actually evacuated: 3600 ml
Sampling Time: 1146	Sampling Date: 10/11/2021
Sample I.D.: J6038-T9A-101121	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: TRIPBLANK-J6038-101121 @ Time 0800	Duplicate I.D.: @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/13/2021
Well I.D.: T-9C	Well Diameter (inch): 4
Total Well Depth: 63.52	Depth to Water: Pre: 7.32 Post: 7.37
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☒ Bladder Pump ☐ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 55-65

Start Purge: 1115 Flow Rate: 200 ml/min Pump Depth: 60

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1118	22.0	7.82	726	2	0.02	-55.9	600	7.32	red specks
1121	21.9	7.82	726	4	0.01	-57.2	1200	7.37	
1124	21.9	7.83	726	4	0.01	-60.2	1800	7.37	
1127	21.9	7.83	726	4	0.01	-61.0	2400	7.37	
1130	21.9	7.83	726	4	0.01	-61.1	3000	7.37	

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1135	Sampling Date: 10/13/2021
Sample I.D.: J6038- T9C-101321	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: CE	Start Date: 10/12/21
Well I.D.: T-10B	Well Diameter (inch): 2
Total Well Depth: 24.46	Depth to Water: Pre: 6.76 Post: 6.81
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 23-32

Start Purge: 0910 Flow Rate: 200 ml/min Pump Depth: 23

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0913	21.7	6.90	691	8	1.24	99.2	600	6.78	clear
0916	21.8	6.91	678	9	1.14	118.5	1200	6.79	" "
0919	21.4	6.90	674	8	1.07	135.7	1800	6.80	" "
0922	21.6	6.90	674	6	1.09	143.8	2400	6.80	" "
0925	21.7	6.90	673	4	1.07	146.5	3000	6.81	" "
0928	21.7	6.90	673	5	1.05	148.3	3600	6.81	" "
									"

HACH Field Test:	Ferrous Iron: 0.0 mg/L	
	Manganese: 0.0 mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3600 ml
Sampling Time: 0935	Sampling Date: 10/12/21
Sample I.D.: J6038-T10B-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-10C	Well Diameter (inch): ~~2~~ 4
Total Well Depth: 57.30	Depth to Water: Pre: 8.51 Post: 8.54
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 49 - 59

Start Purge: 1235 Flow Rate: 200 ml/min Pump Depth: 54

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1238	21.9	7.81	771	10	0.01	67.8	600	8.51	Clear
1241	21.9	7.79	770	6	0.0	65.1	1200	8.53	
1244	21.9	7.73	772	5	~~0.01~~ 0.01	64.2	1800	8.53	
1247	21.9	7.73	771	5	~~0.01~~ 0.01	64.2	2400	8.54	
1250	21.9	7.72	772	5	0.0	64.3	3000	8.54	

HACH Field Test:	Ferrous Iron: ~~0~~ mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1255	Sampling Date: 10/12/2021
Sample I.D.: J6038- T10C-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: CE	Start Date: 10/12/21
Well I.D.: T-11C	Well Diameter (inch): 4
Total Well Depth: 55.49	Depth to Water: Pre: 8.13 Post: 8.13
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 46-56

Start Purge: 1245 Flow Rate: 200 ml/min Pump Depth: 54

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1248	24.7	7.32	930	1	0.88	159.6	600	8.13	clear
1251	24.5	7.32	939	1	0.69	159.3	1200	8.13	" "
1254	24.6	7.31	940	1	0.53	159.9	1800	8.13	" "
1257	24.7	7.31	939	1	0.50	159.9	2400	8.13	" "
1300	24.7	7.31	939	1	0.49	159.7	3000	8.13	" "

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1305	Sampling Date: 10/12/21
Sample I.D.: J6038-T11C-101221-1	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: @ 1310 Time J6038-T11C-101221-2
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/13/2021
Well I.D.: T-12C	Well Diameter (inch): 2
Total Well Depth: 54.83	Depth to Water: Pre: 6.34 Post: 6.41
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 45.5 - 55.5

Start Purge: 1040 Flow Rate: 200 ml/min Pump Depth: 50.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1049	21.1	9.06	265	0	3.63	46.7	600	6.34	clear
1052	21.1	9.12	255	0	3.70	47.9	1200	6.39	↓
1055	21.0	9.17	255	0	3.46	47.9	1800	6.39	↓
1058	21.0	9.18	256	0	3.45	49.3	2400	6.41	↓
1101	21.0	9.18	255	0	3.44	49.1	3000	6.41	↓

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1106	Sampling Date: 10/13/2021
Sample I.D.: J6038- T12C	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/11/2021
Well I.D.: T-13A	Well Diameter (inch): 1
Total Well Depth: 18.79	Depth to Water: Pre: 7.10 Post: 7.20
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 10-20

Start Purge: 1350 Flow Rate: 200 ml/min Pump Depth: 15

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1353	20.2	6.94	1416	12	0.19	-83.2	600	7.13	clear
1356	20.2	6.89	1416	10	0.18	-82.6	1200	7.20	↓
1359	20.2	6.90	1415	9	0.18	-77.8	1800	7.20	↓
1402	20.2	6.90	1416	9	0.19	-76.4	2400	7.20	↓
1405	20.2	6.90	1416	9	0.19	-72.1	3000	7.20	↓

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1410	Sampling Date: 10/11/2021
Sample I.D.: J6038- T13A-101121	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/11/2021
Well I.D.: T-14A	Well Diameter (inch): 1
Total Well Depth: 17.86	Depth to Water: Pre: 6.79 Post: 6.84
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 10.0-20.0

Start Purge: 1316 Flow Rate: 200 ml/min Pump Depth: 15

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1319	20.2	6.36	1316	2	0.23	-128.3	600	6.79	sulfur odor
1322	20.2	6.56	1317	2	0.23	-133.4	1200	6.82	|
1325	20.2	6.58	1317	1	0.22	-133.1	1800	6.84	|
1328	20.2	6.60	1318	1	0.22	-132.6	2400	6.84	|
1331	20.2	6.60	1318	1	0.21	-130.9	3000	6.84	|

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1336	Sampling Date: 10/11/2021
Sample I.D.: J6038- T14A-101121	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-15A	Well Diameter (inch): 1
Total Well Depth: 18.90	Depth to Water: Pre: 6.79 Post: 6.91
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 10.0-20.0

Start Purge: 0829 Flow Rate: 200 ml/min Pump Depth: 15

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0832	21.2	6.92	1287	2	00.02	59.6	600	6.82	Clear
0835	21.1	6.92	1287	2	00.01	59.8	1200	6.87	|
0838	21.2	6.91	1284	2	0.38	56.9	1800	6.87	|
0841	21.1	6.91	1286	1	0.36	58.9	2400	6.91	|
0844	21.0	6.91	1285	1	0.34	59.1	3000	6.91	|

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 0849	Sampling Date: 10/12/2021
Sample I.D.: J6038- T15A-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: TRIPBLANK-J6038-101221 @ Time 0800	Duplicate I.D.: @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: CE	Start Date: 10/12/21
Well I.D.: ~~16A~~ T-16A	Well Diameter (inch): 1
Total Well Depth: 18.72	Depth to Water: Pre: 6.83 Post: 6.90
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro ROS

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 10-20

Start Purge: 0830 Flow Rate: 200 ml/min Pump Depth: ~~18~~ @ 16.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0833	21.5	6.84	1343	39	0.27	205.2	600	6.83	clear
0836	21.5	6.83	1339	34	0.26	192.1	1200	6.85	" "
0839	21.4	6.81	1338	20	0.16	179.2	1800	6.86	" "
0842	21.7	6.84	1335	12	0.14	170.0	2400	6.88	" "
0845	21.7	6.83	1335	12	0.14	166.6	3000	6.89	"
0848	21.7	6.85	1336	11	0.15	163.5	3600	6.90	" "

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3600 ml
Sampling Time: 0855	Sampling Date: 10/12/21
Sample I.D.: J6038-T16A-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-17A	Well Diameter (inch): 2
Total Well Depth: 20.13	Depth to Water: Pre: 6.63 Post: 6.72
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 10-20

Start Purge: 0900 Flow Rate: 200 ml/min Pump Depth: 15

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0903	20.7	7.04	1305	6	0.58	28.3	600	6.68	Clear
0906	20.7	7.00	1318	5	0.44	33.7	1200	6.72	
0909	20.7	7.00	1318	3	0.38	38.1	1800	6.72	
0912	20.7	6.99	1320	3	0.37	39.2	2400	6.72	
0915	20.7	6.99	1320	3	0.38	39.5	3000	6.72	

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 0920	Sampling Date: 10/12/2021
Sample I.D.: J6038- T17A-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-17B	Well Diameter (inch): 1
Total Well Depth: 34.39	Depth to Water: Pre: 6.72 Post: 6.76
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 25-35

Start Purge: 0925 Flow Rate: 200 ml/min Pump Depth: 27.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0928	20.6	7.16	1196	2	0.01	-6.0	600	6.72	clear
0931	20.6	7.16	1178	2	0.03	-6.2	1200	6.74	
0934	20.6	7.18	1179	2	0.02	-6.5	1800	6.76	
0937	20.6	7.18	1180	2	0.02	-6.3	2400	6.76	
0940	20.6	7.18	1181	2	0.03	-6.6	3000	6.76	

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 0945	Sampling Date: 10/12/2021
Sample I.D.: J6038- T17B-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/13/2021
Well I.D.: T-18B	Well Diameter (inch): 2
Total Well Depth: 47.28	Depth to Water: Pre: 5.43 Post: 5.44
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 41-46

Start Purge: 0905 Flow Rate: 200 ml/min Pump Depth: 43.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0908	20.4	7.94	663	2	0.91	134.0	600	5.43	
0911	20.5	7.94	662	2	0.92	134.0	1200	5.43	
0914	20.5	7.94	663	1	0.88	133.8	1800	5.44	
0917	20.5	7.94	663	0	0.87	132.0	2400	5.44	
0920	20.5	7.94	663	0	0.88	131.1	3000	5.44	

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 0925	Sampling Date: 10/13/2021
Sample I.D.: J6038- T18B-101321	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/11/2021
Well I.D.: T-19A	Well Diameter (inch): 1
Total Well Depth: 20.73	Depth to Water: Pre: 7.10 Post: 7.15
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 10.0-20.0

Start Purge: 1248 Flow Rate: 200 ml/min Pump Depth: 15

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1251	21.7	6.99	1369	3	0.67	-45.9	600	7.10	clear
1254	22.1	6.93	1369	2	0.29	-92.5	1200	7.13	↓
1257	22.0	6.90	1369	2	0.29	-92.2	1800	7.15	↓
1300	22.1	6.91	1369	1	0.27	-90.9	2400	7.15	↓
1303	22.0	6.90	1369	1	0.28	-89.6	3000	7.15	↓

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1308	Sampling Date: 10/11/2021
Sample I.D.: J6038- T19A-101121	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/13/2021
Well I.D.: T-19B	Well Diameter (inch): 2
Total Well Depth: 39.21	Depth to Water: Pre: 5.38 Post: 5.47
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 29-39

Start Purge: 1213 Flow Rate: 300 ml/min Pump Depth: 34

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1216	20.9	7.31	999	12	0.12	-130.8	900	5.42	Clear
1219	20.9	7.27	1006	12	0.12	-131.6	1800	5.47	|
1222	20.9	7.27	1007	11	0.11	-131.4	2700	5.47	|
1225	20.9	7.27	1006	11	0.11	-131.5	3600	5.47	|

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3600 ml
Sampling Time: 1230	Sampling Date: 10/13/2021
Sample I.D.: J6038- T19B- 101321	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/13/2021
Well I.D.: T-20B	Well Diameter (inch): 2
Total Well Depth: 26.91	Depth to Water: Pre: 5.12 Post: 5.15
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 22-27

Start Purge: 0942 Flow Rate: 200 ml/min Pump Depth: 24.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0945	18.2	7.61	1357	6	0.02	69.2	600	5.12	Clear
0948	19.3	7.28	1365	4	0.02	58.6	1200	5.13	↓
0951	20.0	7.26	1370	4	0.19	-37.5	1800	5.15	↓
0954	20.0	7.26	1371	2	0.19	-37.8	2400	5.15	↓
0957	20.0	7.26	1370	2	0.20	-38.2	3000	5.15	↓

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1002	Sampling Date: 10/13/2021
Sample I.D.: J6038- T20B - 101321	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/13/2021
Well I.D.: T-21B	Well Diameter (inch): 2
Total Well Depth: 27.26	Depth to Water: Pre: 7.10 Post: 7.13
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 22 - 27

Start Purge: 0821 Flow Rate: 200 ml/min Pump Depth: 24.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
0824	20.5	7.22	1233	3	0.28	163.4	600	7.10	Clear
0827	20.6	7.23	1237	3	0.26	163.5	1200	7.13	
0830	20.5	7.22	1239	1	0.26	163.4	1800	7.13	
0833	20.4	7.22	1239	1	0.23	163.3	2400	7.13	
0836	20.5	7.22	1239	1	0.23	163.3	3000	7.13	

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 0841	Sampling Date: 10/13/2021
Sample I.D.: J6038- T21B -101321	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: CE	Start Date: 10/12/21
Well I.D.: T-22B	Well Diameter (inch): 2
Total Well Depth: ~~27.51~~ 24.42	Depth to Water: Pre: 7.10 Post: 7.13
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 20-25

Start Purge: 1000 Flow Rate: 200 ml/min Pump Depth: 24

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1003	22.3	5.03	1354	2	0.21	259	600	7.10	clear
1006	22.1	5.40	1353	1	0.16	237.9	1200	7.11	" "
1009	22.1	5.72	1352	2	0.15	227.2	1800	7.11	" "
1012	22.1	6.02	1353	2	0.14	219.8	2400	7.12	" "
1015	22.0	6.17	1352	1	0.13	208.3	3000	7.12	" "
1018	22.0	6.18	1351	1	0.12	202.5	3600	7.12	" "
1021	22.0	6.20	1352	1	0.12	200.3	4200	7.13	" "

HACH Field Test:	Ferrous Iron: —	mg/L
	Manganese: —	mg/L

Did well dewater? Yes (No)	Amount actually evacuated: ~~3600~~ 4200 (c) ml
Sampling Time: 1028	Sampling Date: 10/12/21
Sample I.D.: J6038-T22B-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/11/2021
Well I.D.: T-23A	Well Diameter (inch): 1
Total Well Depth: 18.10	Depth to Water: Pre: 7.00 Post: 7.08
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 10-20

Start Purge: 1420 Flow Rate: 200 ml/min Pump Depth: 15

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1423	20.4	6.85	1484	24	0.33	-39.6	600	7.00	clear
1426	20.4	6.85	1484	18	0.33	-42.1	1200	7.08	
1429	20.4	6.83	1484	13	0.33	-48.4	1800	7.08	
1432	20.4	6.83	1483	12	0.33	-49.6	2400	7.08	
1435	20.4	6.83	1484	12	0.32	-50.3	3000	7.08	

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1440	Sampling Date: 10/11/2021
Sample I.D.: J6038- T23A-101121	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: CE	Start Date: 10/12/21
Well I.D.: T-23B	Well Diameter (inch): 2
Total Well Depth: 29.10	Depth to Water: Pre: ~~6.07~~ 6.07 (10) Post: 6.09
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 27-30

Start Purge: 1038 Flow Rate: 200 ml/min Pump Depth: 28

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1041	22.1	6.70	1364	4	0.21	202.3	600	6.07	clear
1044	21.9	6.90	1359	4	0.11	189.2	1200	6.08	"
1047	21.8	6.90	1355	3	0.09	120.6	1800	6.09	"
1050	21.7	6.89	1352	3	0.08	84.2	2400	6.09	"
1053	21.6	6.89	1348	2	0.08	86.1	3000	6.09	"
1056	21.6	6.89	1348	3	0.08	88.7	3600	6.09	"

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3600 ml
Sampling Time: 1101	Sampling Date: 10/12/21
Sample I.D.: J6038-T23B-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: CE	Start Date: 10/12/21
Well I.D.: T-24B	Well Diameter (inch): 2
Total Well Depth: 35.38	Depth to Water: Pre: 7.81 Post: 7.83
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☒ Bladder Pump ☐ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 33-36

Start Purge: 1110 Flow Rate: 200 ml/min Pump Depth: 34.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1113	21.8	7.36	1240	1	1.80	169	600	7.81	clear
1116	21.8	7.37	1240	1	1.84	170.7	1200	7.82	" "
1119	21.7	7.38	1240	1	1.78	169.1	1800	7.82	" "
1122	21.7	7.39	1241	1	1.79	169.5	2400	7.82	" "
1125	21.7	7.42	1239	1	1.79	169.2	3000	7.83	" "

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1130	Sampling Date: 10/12/21
Sample I.D.: J6038-T24B-101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: @ Time	Duplicate I.D.: @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/11/2021
Well I.D.: T-25A	Well Diameter (inch): 1
Total Well Depth: 18.90	Depth to Water: Pre: 6.35 Post: 6.42
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 10-20

Start Purge: 1447 Flow Rate: 200 ml/min Pump Depth: 15

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1450	20.9	6.76	1307	47	0.26	-5.4	600	6.35	red/orange
1453	20.8	6.80	1296	42	0.20	-10.8	1200	6.39	
1456	20.8	6.82	1290	36	0.14	-13.2	1800	6.42	
1459	20.8	6.82	1293	35	0.15	-18.5	2400	6.42	
1502	20.8	6.82	1290	36	0.14	-20.6	3000	6.42	

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1507	Sampling Date: 10/11/2021
Sample I.D.: J6038-T25A-101121	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-25BS	Well Diameter (inch): 2
Total Well Depth: 26.45	Depth to Water: Pre: 6.64 Post: 6.71
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: ☐ Bladder Pump ☒ Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 25.0 - 27.0

Start Purge: 1057 Flow Rate: 200 ml/min Pump Depth: 26.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1100	23.8	7.09	1414	2	0.25	-39.4	600	6.64	Clear
1103	23.7	7.09	1414	2	0.27	-38.6	1200	6.69	↓
1106	23.7	7.09	1414	2	0.25	-49.3	1800	6.70	↓
1109	23.8	7.09	1413	2	0.23	-53.1	2400	6.71	↓
1112	23.8	7.09	1413	2	0.23	-53.0	3000	6.71	↓

HACH Field Test:	Ferrous Iron: 0 mg/L	
	Manganese: 0 mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1117	Sampling Date: 10/12/2021
Sample I.D.: J6038-T25BS	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 211011SC-1	Client: GES @ TRW Microwave - Sunnyvale, CA
Sampler: SC	Start Date: 10/12/2021
Well I.D.: T-258D	Well Diameter (inch): 2
Total Well Depth: 36.00	Depth to Water: Pre: 7.41 Post: 7.46
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: TOC	Flow Cell Type: YSI Pro Plus

Purge Method: [X] Bladder Pump [ ] Peristaltic Pump Other: _____

Sampling Method: New Tubing Other: _____

Screen Interval: 33 - 36

Start Purge: 1124 Flow Rate: 200 ml/min Pump Depth: 34.5

Time	Temp. (°C)	pH	Cond. (µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (mL)	DTW (ft)	Observations
1127	23.8	7.27	1035	4	0.98	79.6	600	7.41	clear
1130	23.9	7.27	1036	2	0.96	80.1	1200	7.45	|
1133	23.9	7.27	1035	2	0.97	82.4	1800	7.46	|
1136	23.9	7.27	1035	1	0.98	81.6	2400	7.46	|
1139	23.9	7.27	1035	1	0.98	81.3	3000	7.46	|

HACH Field Test:	Ferrous Iron: — mg/L	
	Manganese: — mg/L	

Did well dewater? Yes (No)	Amount actually evacuated: 3000 ml
Sampling Time: 1144	Sampling Date: 10/12/2021
Sample I.D.: J6038- T258D - 101221	Laboratory: EUROFINS - TA
Analyzed for: SEE COC	
Blank I.D.: — @ Time	Duplicate I.D.: — @ Time
Analyzed for: SEE COC	

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

CONDUCT ANALYSIS TO DETECT

LAB: EUROFINS -TA

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION

SPECIAL INSTRUCTIONS

Invoice to: NGC

Report to: GES - Jennifer Clay 619-743-9953
JeClay@gesonline.com

Cc Report to: twright@gesonline.com

SSOW Ref. Code: 11224293-J6038-010

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOC's (8260B)	Sulfate, Nitrate (EPA 300) <48 HOUR HOLD>	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
J6038-T1CB-101221	10/12/21	0935	W	1	250 NP Poly			X								
J6038-T2SBS-101221	↓	1117	↓	1	↓			X								
J6038-TBB-101221	↓	1335	↓	1	↓			X								

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/12/2021	1335	Ciara Shirey	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
CS	10/12/2021	1700			
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	
FedEx	10/12/2021	1700		Page: 1 of 1

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CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

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825 Stewart Dr., Sunnyvale, CA
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SAMPLE I.D.	DATE	TIME	MATRIX (S= SOIL W=H_2O)	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOC's (8260B)	Sulfate, Nitrate (EPA 300) < 48 HOUR HOLD >	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TRIPBLANK-J6038-101121	10/11/21	0800	W	2	various		X									
J6038-T9A-101121		1146		3			X									
J6038-T19A-101121		1308		3			X									
J6038-T14A-101121		1336		3			X									
J6038-T13A-101121		1410		3			X									
J6038-T23A-101121		1440		3			X									
J6038-T25A-101121		1507		3			X									
TRIPBLANK-J6038-101221	10/12/21	0800		2			X									
J6038-T15A-101221		0849		3			X									
J6038-T17A-101221		0920		3			X									

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/13/21	1230	Ciara Shirey	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
CS	10/13/2021	1330	CS (SC)	10/13/2021	1330
[signature]	10/14/21	0945	[signature]	10/14/21	945
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

Page: 1 of 4

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CHAIN OF CUSTODY

BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

LAB: EUROFINS -TA

DHS #

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J6038-T17B-101221	10/12/21	0945	W	3	various		X									
J6038-T4B-101221		1017		3			X									
J6038-38S-101221		1050		3			X									
J6038-T25BS-101221		1117		9			X		X	X	X					
J6038-T25BD-101221		1144		3			X									
J6038-T24B-101221		1130		3			X									
J6038-T23B-101221		1101		3			X									
J6038-T10B-101221		0935		9			X		X	X	X					
J6038-T16A-101221		0855		3			X									
J6038-T10C-101221		1255		3			X									

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/13/21	1230	Ciara Shirey	Standard TAT

RELEASED BY: CS	DATE: 10/13/2021	TIME: 1330	RECEIVED BY: CS (SC)	DATE: 10/13/2021	TIME: 1330
RELEASED BY: [signature]	DATE: 10/14/21	TIME: 0945 ~~0040~~	RECEIVED BY: [signature]	DATE: 10.14.21	TIME: 9:45
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

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CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
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J6038-T8B-101221	10/12/21	1335	W	9	various		X		X	X	X					
J6038-T8A-101221		1410		3			X									
J6038-T11C-101221-1		1305		3			X									
J6038-T11C-101221-2		1310		3			X									
J6038-T7B-101221-1		1430		3			X									
J6038-T7B-101221-2		1435		3			X									
J6038-T7A-101221-1		1450		3			X									
J6038-T7A-101221-2		1455		3			X									
J6038-T22B-101221		1028		3			X									
TRIPBLANK-J6038-101321	10/13/21	0730		2			X									

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/13/21	1230	Ciara Shirey	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	10/13/2021	1330	(SC)	10/13/2021	1330
	10/14/21	0945		10-14-21	945

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

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PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB EUROFINS -TA | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA
☐ LIA
☐ OTHER
☐ RWQCB REGION

CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT GES (Groundwater & Environmental Services)

SITE TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

SPECIAL INSTRUCTIONS

Invoice to: NGC

Report to: GES - Jennifer Clay 619-743-9953
JeClay@gesonline.com

Cc Report to: twright@gesonline.com

SSOW Ref. Code: 11224293-J6038-010

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOC's (8260B)	Sulfate, Nitrate (EPA 300) <48 HOUR HOLD>	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
J6038-T5B-101321-1	10/13/21	0801	W	3	various		X									
J6038-T5B-101321-2		0806		3			X									
J6038-T21B-101321		0841		3			X									
J6038-T18B-101321		0925		3			X									
J6038-T20B-101321		1002		3			X									
J6038-T12C-101321		1106		3			X									
J6038-T9C-101321		1135		3			X									
J6038-T19B-101321		1230		3			X									

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/13/21	1230	Ciara Shirey	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
CS	10/13/2021	1330	CS (SC)	10/13/2021	1330
[signature]	10/14/21	0945	[signature]	10.14.21	945
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

Page: 4 of 4

WELLHEAD INSPECTION CHECKLIST

Client: GES

Date: 10/11/2021

Project Name/Site Address: TRW Microwave @ 825 Stewart Dr., Sunnyvale, CA

Job #: 2110115C-1

Technician(s): SC

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Debris Removed From Wellbox	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
36D	X							
36DD	X							
36S	X							
37S	X							
38S	X							
T-4B	X							
T-5B	X							
T-7A	X							
T-7B	X							
T-8A	X							
T-8B	X							
T-8D	X							
T-9A	X							
T-9C	X							
T-10B	X							
T-10C	X							
T-11C	X							
T-12C	X							
T-13A	X							
T-14A							X	

NOTES: T-14A: -2/2 bolts

WELLHEAD INSPECTION CHECKLIST

Client: GES

Date: 10/11/2021

Project Name/Site Address: TRW Microwave @ 825 Stewart Dr., Sunnyvale, CA

Job #: 211011SC-1

Technician(s): SC

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Debris Removed From Wellbox	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
T-15A	X							
T-16A	X							
T-17A	X							
T-17B	X							
T-18A							X	
T-18B	X							
T-19A	X							
T-19B								
T-20A	X							
T-20B	X							
T-21A	X							
T-21B	X							
T-22A							X	
T-22B	X							
T-23A	X							
T-23B							X	
T-24A							X	
T-24B							X	
T-25A	X							
T-25BS	X							
T-25BD	X							

NOTES: T-18A: -2/2 tabs broken, -2/2 bolts, well lid cracked
T-22A: 2/2 tabs broken T-24A: 2/2 bolts broken off in tabs
T-24B: See photo T-23B: 2/2 tabs broken, 1/2 bolts broken in tab

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME: GES @ TRW Microwave - Sunnyvale, CA					PROJECT NUMBER: 211011SC-1		
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. (°C)	Standard Lot# / Exp. Date
YSI Pro Plus	20G101524	10/11/2021 @ 1100	pH: 7, 10, 4	7.00, 10.00, 4.00	yes	15	050161 5/2022
			cond: 3900 uS/cm	3900	yes	15	054278 3/25/2023
			ORP: 241	241	yes	15	056161 May/2022
			DO: 100%	100%	yes	15	—
YSI Pro Plus	21G103944	10/12/2021 @ 0800	pH: 7, 10, 4	7.00, 10.00, 4.00	yes	15	See above
			Cond: 3900	3900	yes	15	
			ORP: 241	241	yes	15	
			DO: 100%	100%	yes	15	
YSI Pro Plus	21G103944	10/13/2021 @ 0715	pH: 7, 10, 4 DO: 100%	7.00, 10.02, 4.01 DO: 100%	yes	15	See above
			cond: 3900	3900	yes	15	
			ORP: 241	241	yes	15	

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TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME: GES @ TRW Microwave - Sunnyvale, CA					PROJECT NUMBER: 211011 SC-1		
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. (°C)	Standard Lot# / Exp. Date
YSI Pro Plus	21G103947	10/12/21 0745	PH : 7 10 4	PH : 6.80 9.82 3.96	✓	21.3	#056161 5/22 #056162 5/22 #056160 5/22
			Cond: 3900 ORP: 230.0 DO: 100%	Cond: 3723 ORP 231.2 DO: 108%	✓	21.3	#054278 3/23 #080621 10/22

BLAINE TECH SERVICES, INC.

SPH or Purge Water Drum Log

Client: **GES**

Site Address: **NGC Microwave** @ 825 Stewart Dr., Sunnyvale, CA

STATUS OF DRUM(S) UPON ARRIVAL						
Date	10/9/19	10/12/2020	10/15/2020	10/11/2021		
Number of drum(s) empty:						
Number of drum(s) 1/4 full:						
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:						
Total drum(s) on site:	0	0	0	Ø		
Are the drum(s) properly labeled?				NA		
Drum ID & Contents:				NA		
If any drum(s) are partially or totally filled, what is the first use date:				NA		

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.
-If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.
-All BTS drums MUST be labeled appropriately.

STATUS OF DRUM(S) UPON DEPARTURE						
Date	10/11/19		10/15/2020	10/13/2021		
Number of drums empty:						
Number of drum(s) 1/4 full:						
Number of drum(s) 1/2 full:	1			1		
Number of drum(s) 3/4 full:			1			
Number of drum(s) full:						
Total drum(s) on site:	1					
Are the drum(s) properly labeled?	YES					
Drum ID & Contents:	PURGE H_2O		PURGE H_2O	PURGE H_2O		

LOCATION OF DRUM(S)
Describe location of drum(s): IN FORMER TREATMENT SYSTEM FENCE

FINAL STATUS						
# of new drum(s) left onsite this event	1	1	1			
Date of inspection:	10/11/19	10/15/20	10/13/2021			
Drum(s) labelled properly:	YES	yes	yes			
Logged by BTS Field Tech:	TS	MF	SC			
Office reviewed by:	GR	GR	GR			

Appendix B – Technical Memorandum 2021 Annual Maintenance Inspection: Sub-Slab Depressurization (SSD) System

Technical Memorandum

To:	Joshua Nandi, Northrop Grumman
From:	Jennifer Clay, PG, GES
cc:	Tom Wright, PG CHg, GES Holly Holbrook, AECOM
Date:	March 17, 2022
Re:	TRW Microwave Site (Site), Sunnyvale, California: 2021 Annual Maintenance Inspection: Sub-Slab Depressurization (SSD) System

Groundwater Environmental Services, Inc. (GES) on behalf of Northrop Grumman, has prepared this technical memorandum (memo) for the 2021 Annual Maintenance Inspection: Sub-Slab Depressurization (SSD) System for the former TRW Microwave Site (Site) in Sunnyvale, California (**Attachment A**). The United States Environmental Protection Agency (USEPA) is the lead regulatory agency for the Site, after regulatory oversight transferred from the California Regional Water Quality Control Board – San Francisco Bay Region on August 7, 2014 (USEPA, 2014). This memo has been prepared to address a recommendation in the 2019 Five Year Review Report (USACE, 2019) to incorporate "long-term stewardship measures for the current vapor mitigation measures in place." This memo provides a summary of the first annual visual inspection of the SSD system in place and observations made during the site visit conducted on October 12, 2021.

SSD Background

The passive SSD System was initially installed in August and September of 2014 as a proactive measure before renovation of the building. The purpose of the SSD was to mitigate potential vapor intrusion due to sub-slab concentrations of volatile organic compounds (VOCs). The sub-slab concentrations of VOCs were identified during a vapor intrusion assessment conducted in 2014 and reported in the Passive Sub-Slab Vapor Collection System Installation Work Plan (AECOM, 2014).

The major components of the SSD system consists of a series of permeable lateral vents (a combination of slotted polyvinyl chloride pipe and GeoVent™ Trenchless Gas Collection system) installed beneath the concrete slab for vapor collection, which are then connected to vertical risers that vent to the roof of the building via wind-powered roof turbines on each section of the building. The current vent layout is shown on **Attachment A**. A detailed description of the SSD system is documented in the Passive Sub-Slab Vapor Collection System Installation Work Plan (AECOM, 2014).

Between May 2015 and December 2015, the building conditions changed due to construction for the building tenant, Apple, Inc. (AECOM, 2016). Changes to the building included the installation of additional heating, ventilating, and air conditioning (HVAC) equipment on all three building roofs and the installation of barriers along the perimeter of the building roofs. In order to complete this work, modifications were made to the wind-powered roof turbines in each section of the building. The modifications included reducing the height of the roof turbine risers in some locations to install equipment over the top of the roof turbines.

In December 2015, AECOM performed an additional building survey and conducted vapor intrusion (VI) sampling to assess whether the VI risk had changed due to the tenant improvements. The survey included collection of three sub-slab samples, collection of nine indoor air samples, and collection of one outdoor ambient air sample, and concluded that, chemicals detected in indoor air do not pose a human health risk to current building occupants. The survey conclusion was based on the current building conditions, which included the building modifications completed for Apple, Inc. (AECOM, 2016).

SSD Visual Inspection

GES conducted a visual inspection of the SSD during a site visit on October 12, 2021. Access was granted by the current tenant Apple, Inc. The SSD system was visually documented to assess the system for its current working state. Observations were made regarding current building roof layout of HVAC systems, barriers, and roof equipment. Each of the three buildings associated with the site have a cluster of two to three vent risers that extend from the sub-slab collection laterals and penetrate the roof to allow for passive depressurization of the sub-slab area. Each vent riser is equipped with a wind-powered roof turbine, and during the site visit observations were made to assess if the turbines were freely turning and free of corrosion, were actively turning due to wind, and their current location relative to existing roof equipment. A photo log of current conditions is in included as **Attachment A**.

SSD Observations

During the annual maintenance inspection of the SSD system, the following visual observations were noted:

- Wind barriers are still in place on all three buildings;
- The vent risers on the main building (**Attachment A**) are currently approximately 1-foot tall, the installed height was approximately 3-feet; and
- All roof turbines spin freely with manual assistance and do not appear to be seized due to corrosion or rust. During the site visit, only the roof turbines on the north building and one of the two roof turbines on the west building were observed to be spinning due to ambient wind.

Conclusions

The current configuration of the SSD system is consistent as configured during the December 2015 sampling and VI assessment (AECOM, 2016), and roof turbines are in working condition.

Recommendations

The roof turbines of the SSD system should be inspected during the 2022 sampling event tentatively scheduled to be conducted in fourth quarter 2022.

ED_013761_00000432-00090

References

AECOM, 2014. Passive Sub-Slab Vapor Collection System Installation Work Plan, Former TRW Microwave Facility, 825 Stewart Drive, Sunnyvale, California. August 13.

AECOM, 2016. Vapor Intrusion Evaluation Report, Former TRW Microwave Site, 825 Stewart Drive, Sunnyvale, California. February.

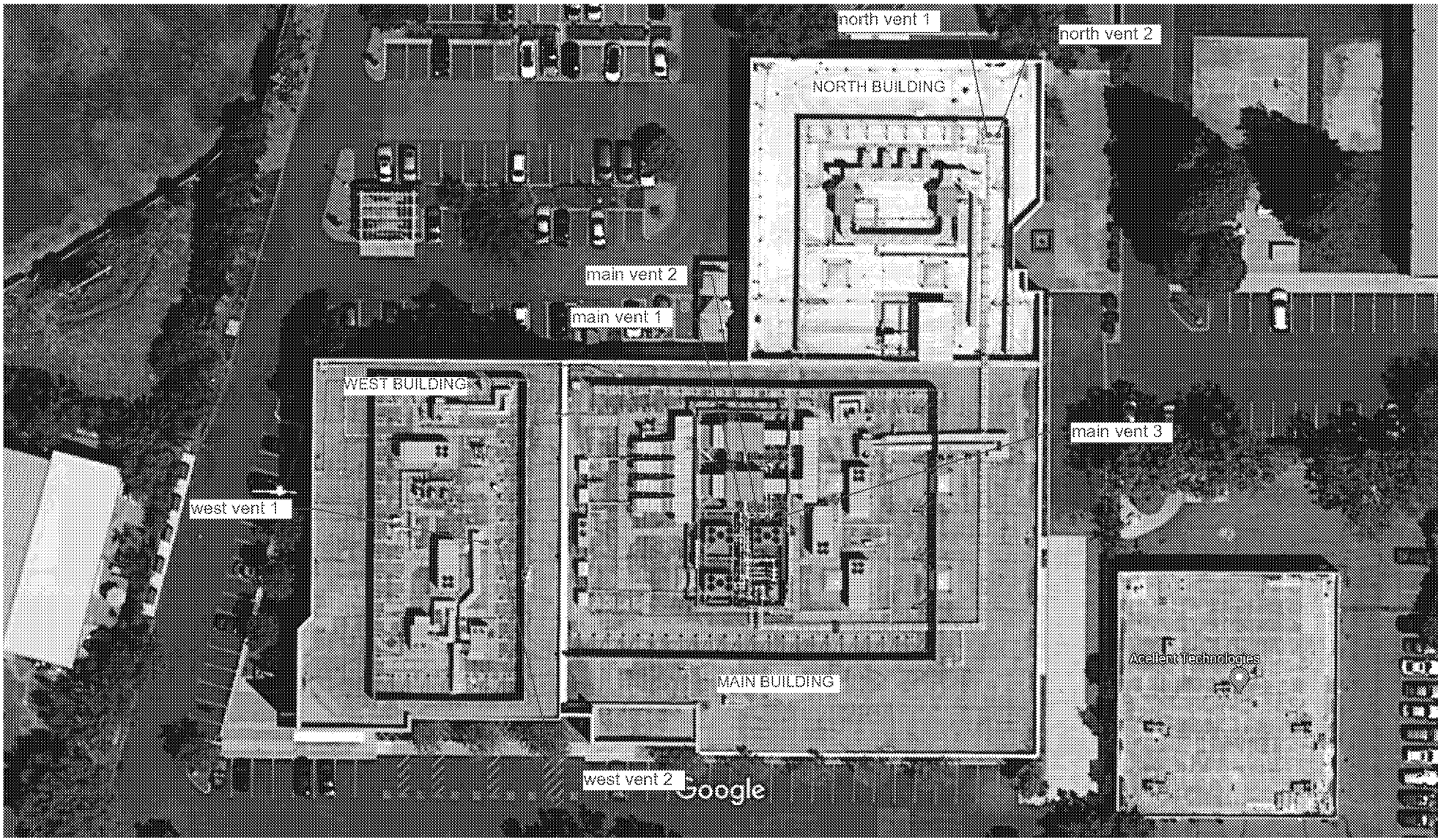
USACE, 2019. Fifth Five-Year Review Report for Advanced Micro Devices 901/902 and TRW Microwave Superfund Sites, Includes the Companies' Offsite Operable Unit, Santa Clara County, California. Prepared for USEPA. September 18.

USEPA, 2014. Notice of Lead Agency Transfer – California Regional Board to US EPA Triple Site: AMD 901/902 Thompson Place Superfund Site, Philips (formerly Signetics) Site, and TRW Microwave Superfund Site and Offsite Operable Unit, Sunnyvale, California.

ED_013761_00000432-00091

Google Maps

APPROXIMATE CURRENT ROOF MOUNTED EQUIPMENT AS OF 10/12/2021

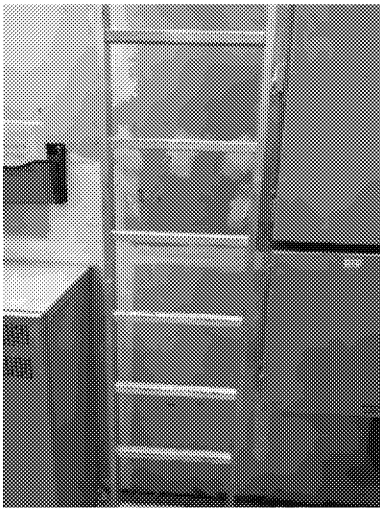


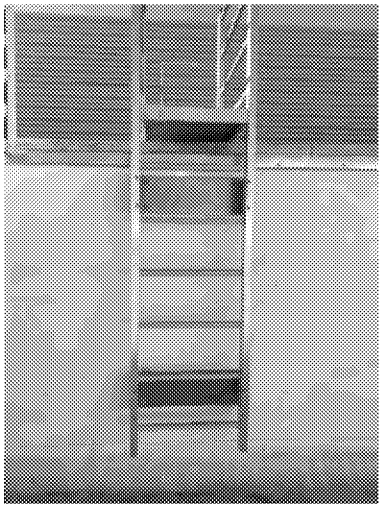
Imagery ©2020 Maxar Technologies, Map data ©2020 20 ft

Microwave - System Fan Locations

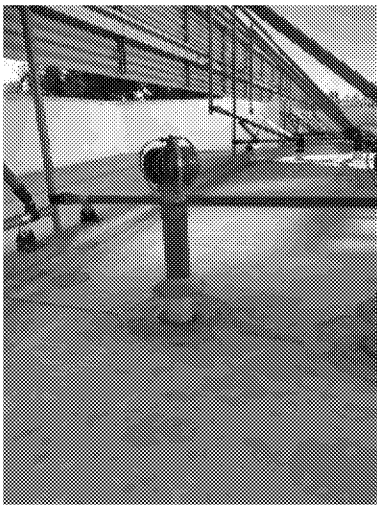
Inspected 10/12/2021

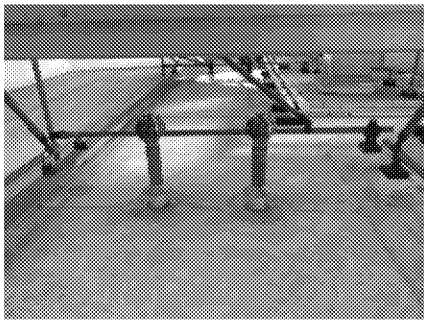
Ladder to main and north building. Ladder is in excellent condition and landing is secure.



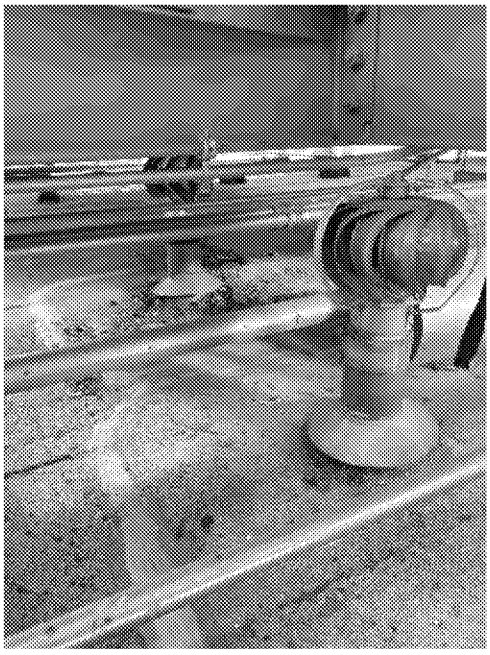


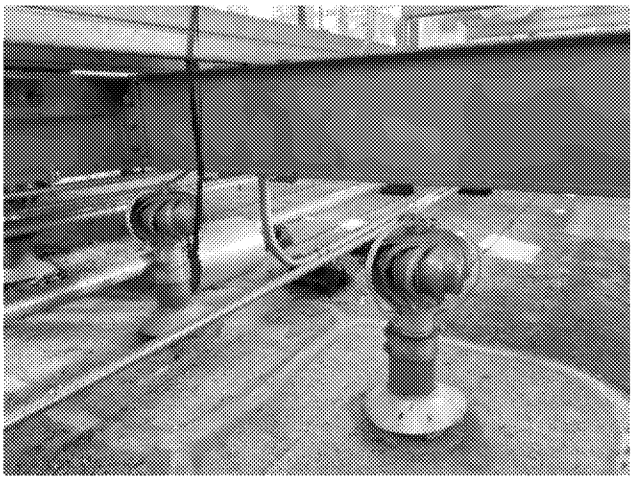
System fan locations on north building. Two locations. Both fans actively spinning.





System fan locations on main building. Three locations. No fans actively spinning. All fans spin freely - no mechanical issues.





System fan locations on west building. Two locations. One of two fans actively spinning. All fans spin freely - no mechanical issues.

Appendix C – Historical Water-Level Elevation Measurements

Appendix C
Historical Water-Level Elevation Measurements
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-1A	A	1/16/1986	7.50	37.48	29.98
		3/14/1986	6.35		31.13
		5/13/1986	8.15		29.33
		7/24/1986	8.93		28.55
		10/2/1987	9.75		27.73
		11/30/1987	11.64		25.84
		2/24/1988	11.70		25.78
		4/12/1988	12.62		24.86
		7/26/1988	14.69		22.79
		10/25/1988	15.17		22.31
		1/10/1989	15.07	39.66	24.59
		4/3/1989	18.63		21.03
		9/14/1989	17.87		21.79
		10/10/1989	18.13		21.53
		1/8/1990	20.03		19.63
		4/6/1990	18.86		20.80
		7/5/1990	19.20		20.46
		10/9/1990	20.66		19.00
		1/8/1991	21.15		18.51
		4/9/1991	19.72		19.94
		7/9/1991	22.22		17.44
		10/7/1991	21.27		18.39
		1/6/1992	20.17		19.49
		4/6/1992	19.41		20.25
		7/6/1992	20.13		19.53
		10/29/1992	19.93		19.73
		1/5/1993	19.50		20.16
		4/5/1993	17.82		21.84
		7/6/1993	NM		NA
		10/15/1993	NM		NA
		1/11/1994	14.03		25.63
		4/4/1994	11.27		28.39
		7/6/1994	10.51		29.15
		10/5/1994	10.59		29.07
		1/10/1995	NM		NA
		4/5/1995	9.48		30.18
		7/5/1995	NM		NA
		10/9/1995	11.40		28.26
		7/10/1996	12.67		26.99
		10/1/1996	12.94		26.72
		4/1/1997	10.83		28.83
		10/1/1997	11.99	38.46	26.47
		4/1/1998	9.48		28.98
		10/5/1998	10.70		27.76
		4/5/1999	10.42		28.04
		10/4/1999	10.79		27.67
		10/2/2000	11.91		26.55
		10/1/2001	10.64		27.82
		10/14/2002	10.36		28.10
		10/9/2003	9.01		29.45
Per Water Board approval, well T-1A was abandoned in February 2004.					
T-2A	A	5/13/1986	23.00	39.65	16.65
		7/24/1986	12.73		26.92
		10/2/1987	10.67		28.98
		11/30/1987	12.15		27.50
		2/24/1988	11.74		27.91
		4/12/1988	15.32		24.33
		7/26/1988	15.59		24.06
		10/25/1988	15.88		23.77
		1/10/1989	15.50	39.68	24.18
		4/3/1989	12.55		27.13
		9/14/1989	16.31		23.37
		10/10/1989	15.77		23.91
		1/8/1990	12.88		26.80
		4/6/1990	17.40		22.28
		7/5/1990	16.06		23.62
		10/9/1990	16.64		23.04
		1/8/1991	10.18		29.50
		4/9/1991	NM		NA
		7/9/1991	16.66		23.02
		10/7/1991	17.16		22.52
		1/6/1992	16.37		23.31

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Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-2A	A	4/6/1992	16.91	39.68	22.77
continued	continued	7/6/1992	15.26		24.42
		10/29/1992	16.61		23.07
		1/5/1993	Dry		NA
		4/5/1993	17.34		22.34
		7/6/1993	17.54		22.14
		10/15/1993	Dry		NA
		1/11/1994	18.47		21.21
		4/4/1994	Dry		NA
		7/6/1994	18.97		20.71
		10/5/1994	Dry		NA
		1/10/1995	18.65		21.03
		4/5/1995	17.91		21.77
		7/5/1995	19.25		20.43
		10/9/1995	18.60		21.08
		7/10/1996	17.45		22.23
		10/1/1996	12.56		27.12
		4/1/1997	17.32		22.36
		10/1/1997	16.70	40.99	24.29
		4/1/1998	12.08		28.91
		10/5/1998	Dry		NA
		4/5/1999	14.51		26.48
		10/4/1999	16.87		24.12
		10/2/2000	13.22		27.77
		10/1/2001	11.46		29.53
		10/1/2002	9.42	39.46	30.04
		10/9/2003	8.56		30.90
		10/4/2004	9.02		30.44
		10/10/2005	7.82		31.64
		10/16/2006	7.69		31.77
		10/8/2007	7.39	42.16	34.77
		10/13/2008	7.83		34.33
		10/12/2009	8.78		33.38
		10/11/2010	8.45		33.71
		11/15/2010	8.19		33.97
		3/8/2011	7.34		34.82
		5/3/2011	7.59		34.57
		10/10/2011	8.01		34.15
		4/26/2012	7.75		34.41
		10/8/2012	8.03		34.13
		5/22/2013	8.22		33.94
		10/14/2013	8.53		33.63
		4/14/2014	8.05		34.11
		9/24/2014	8.08		34.08
Per USEPA approval, well T-2A was destroyed.					
T-3A	A	1/15/1986	7.90	39.66	31.76
		3/14/1986	7.16		32.50
		4/23/1986	9.50		30.16
		5/13/1986	9.75		29.91
		7/24/1986	9.89		29.77
		10/2/1987	8.68		30.98
		11/30/1987	9.78		29.88
		2/24/1988	9.62		30.04
		4/12/1988	9.30		30.36
		7/26/1988	10.01		29.65
		10/25/1988	9.75		29.91
		1/10/1989	NM	39.47	NA
		4/3/1989	9.12		30.35
		9/14/1989	10.04		29.43
		10/10/1989	10.76		28.71
		1/8/1990	9.73		29.74
		4/6/1990	10.17		29.30
		7/5/1990	10.22		29.25
		10/9/1990	12.57		26.90
		1/8/1991	10.65		28.82
		4/9/1991	11.80		27.67
		7/9/1991	12.50		26.97
		10/7/1991	11.06		28.41
		1/6/1992	12.25		27.22
		4/6/1992	11.28		28.19
		7/6/1992	14.90		24.57
		10/29/1992	11.00		28.47

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-3A	A	1/5/1993	11.34	39.47	28.13
continued	continued	4/5/1993	10.95		28.52
		7/6/1993	13.12		26.35
		10/15/1993	13.73		25.74
		1/11/1994	14.04		25.43
		4/4/1994	13.64		25.83
		7/6/1994	13.34		26.13
		10/5/1994	10.72		28.75
		1/10/1995	10.35		29.12
		4/5/1995	9.70		29.77
		7/5/1995	11.42		28.05
		10/9/1995	11.73		27.74
		7/10/1996	11.37		28.10
		10/1/1996	11.69		27.78
		4/1/1997	10.03		29.44
		10/1/1997	10.82	39.04	28.22
		4/1/1998	8.42		30.62
		10/5/1998	6.52		32.52
		4/5/1999	9.46		29.58
		10/4/1999	9.69		29.35
		10/2/2000	9.97		29.07
		10/1/2001	9.23		29.81
		10/14/2002	8.90		30.14
		10/9/2003	8.07		30.97
		10/4/2004	8.56		30.48
		10/10/2005	7.25		31.79
		10/16/2006	7.11		31.93
		10/8/2007	6.78	41.74	34.96
		10/13/2008	7.28		34.46
		10/12/2009	8.32		33.42
		10/11/2010	7.92		33.82
		10/10/2011	7.48		34.26
		10/8/2012	7.59		34.15
		10/14/2013	7.99		33.75
		4/14/2014	7.54		34.20
		9/24/2014	7.68		34.06
Per USEPA approval, well T-3A was destroyed.					
T-6A	A	1/15/1986	9.75	37.99	28.24
		5/13/1986	9.85		28.14
		7/24/1986	10.14		27.85
		10/2/1987	11.63		26.36
		11/30/1987	12.30		25.69
		2/24/1988	12.15		25.84
		4/12/1988	12.61		25.38
		7/26/1988	12.95		25.04
		10/25/1988	13.35		24.64
		1/10/1989	13.42	37.81	24.39
		4/3/1989	14.34		23.47
		9/14/1989	14.76		23.05
		10/10/1989	14.92		22.89
		1/8/1990	15.44		22.37
		4/6/1990	15.29		22.52
		7/5/1990	NM		NA
		10/9/1990	16.12		21.69
		1/8/1991	16.03		21.78
		4/9/1991	15.33		22.48
		7/9/1991	14.79		23.02
		10/7/1991	15.73		22.08
		1/6/1992	16.33		21.48
		4/6/1992	14.47		23.34
		7/6/1992	14.20		23.61
		10/29/1992	13.08		24.73
		1/5/1993	12.98		24.83
		4/5/1993	11.63		26.18
		7/6/1993	12.48		25.33
		10/15/1993	11.28		26.53
		1/11/1994	12.48		25.33
		4/4/1994	11.90		25.91
		7/6/1994	11.54		26.27
		10/5/1994	10.80		27.01
		1/10/1995	10.66		27.15
		4/5/1995	8.89		28.92

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Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-6A	A	7/5/1995	11.17	37.81	26.64
continued	continued	10/9/1995	11.40		26.41
		7/10/1996	11.77		26.04
		10/1/1996	11.69		26.12
		4/1/1997	10.05		27.76
		10/1/1997	11.23	37.22	25.99
		4/1/1998	9.02		28.20
		10/5/1998	10.17		27.05
		4/5/1999	9.96		27.26
		10/4/1999	10.37		26.85
		10/2/2000	10.55		26.67
		10/1/2001	8.40		28.82
		10/14/2002	8.31		28.91
		10/9/2003	7.29		29.93
		10/10/2005	8.45		28.77
		10/16/2006	8.21		29.01
		10/8/2007	8.00	39.92	31.92
		10/13/2008	NM		NA
		10/12/2009	8.92		31.00
		10/11/2010	NM		NA
		10/10/2011	NM		NA
		10/8/2012	NM		NA
		10/14/2013	NM		NA
		10/12/2015	NM		NA
		5/26/2016	NM		NA
		10/10/2016	NM		NA
		10/9/2017	NM		NA
		10/8/2018	NM		NA
		10/8/2019	NM		NA
		10/12/2020	NM		NA
		10/8/2021	NM		NA
T-7A	A	1/16/1986	7.90	39.57	31.67
		3/12/1986	6.05		33.52
		3/14/1986	6.20		33.37
		4/22/1986	7.80		31.77
		4/23/1986	8.50		28.98
		5/13/1986	8.19		31.38
		7/24/1986	8.13		31.44
		10/2/1987	9.01		30.56
		11/30/1987	9.89		29.68
		2/24/1988	10.09		29.48
		4/12/1988	10.71		28.86
		7/26/1988	11.22		28.35
		10/25/1988	11.36		28.21
		1/10/1989	11.84	39.53	27.69
		4/3/1989	12.21		27.32
		9/14/1989	10.17		29.36
		10/10/1989	11.71		27.82
		1/8/1990	15.13		24.40
		4/6/1990	15.29		24.24
		7/5/1990	16.19		23.34
		10/9/1990	16.46		23.07
		1/8/1991	17.67		21.86
		4/9/1991	14.97		24.56
		7/9/1991	17.39		22.14
		10/7/1991	18.18		21.35
		1/6/1992	13.61		25.92
		4/6/1992	14.84		24.69
		7/6/1992	15.61		23.92
		10/29/1992	13.26		26.27
		1/5/1993	10.77		28.76
		4/5/1993	11.04		28.49
		7/6/1993	11.53		28.00
		10/15/1993	12.04		27.49
		1/11/1994	12.45		27.08
		4/4/1994	12.52		27.01
		7/6/1994	12.21		27.32
		10/5/1994	10.60		28.93
		1/10/1995	8.88		30.65
		4/5/1995	8.56		30.97
		7/5/1995	10.55		28.98
		10/9/1995	9.76		29.77

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Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-7A	A	7/10/1996	10.11	39.53	29.42
continued	continued	10/1/1996	10.10		29.43
		4/1/1997	8.60		30.93
		10/1/1997	9.34	38.97	29.63
		4/1/1998	7.46		31.51
		10/5/1998	8.22		30.75
		4/5/1999	8.37		30.60
		10/4/1999	8.55		30.42
		10/2/2000	8.41		30.56
		10/1/2001	8.37		30.60
		10/14/2002	8.23	39.39	31.16
		10/9/2003	7.07		32.32
		10/4/2004	7.68		31.71
		10/10/2005	6.44		32.95
		10/16/2006	6.33		33.06
		10/8/2007	6.14	42.09	35.95
		10/13/2008	6.54		35.55
		10/12/2009	7.31		34.78
		10/11/2010	7.05		35.04
		10/10/2011	6.60		35.49
		10/8/2012	6.75		35.34
		10/14/2013	7.11		34.98
		10/13/2014	6.89		35.20
		6/26/2015	7.01		35.08
		10/12/2015	7.71		34.38
		5/26/2016	6.70		35.39
		10/10/2016	7.70		34.39
		10/9/2017	6.80	41.84	35.04
		10/8/2018	6.36		35.48
		10/8/2019	6.38		35.46
		10/12/2020	6.52		35.32
		10/11/2021	7.42		34.42
T-8A	A	3/10/1986	6.11	38.36	32.25
		5/13/1986	11.55		26.81
		7/24/1986	13.34		25.02
		10/2/1987	9.66		28.70
		11/30/1987	10.70		27.66
		2/24/1988	11.09		27.27
		4/12/1988	NM		NA
		7/26/1988	15.85		22.51
		10/25/1988	14.77		23.59
		1/10/1989	NM	38.32	NA
		4/3/1989	15.06		23.26
		9/14/1989	14.40		23.92
		10/10/1989	16.67		21.65
		1/8/1990	14.10		24.22
		4/6/1990	15.11		23.21
		7/5/1990	14.73		23.59
		10/9/1990	15.46		22.86
		1/8/1991	15.84		22.48
		4/9/1991	14.54		23.78
		7/9/1991	15.21		23.11
		10/7/1991	15.68		22.64
		1/6/1992	15.40		22.92
		4/6/1992	14.76		23.56
		7/6/1992	14.08		24.24
		10/29/1992	13.23		25.09
		1/5/1993	12.92		25.40
		4/5/1993	15.57		22.75
		7/6/1993	12.52		25.80
		10/15/1993	15.78		22.54
		1/11/1994	13.97		24.35
		4/4/1994	13.20		25.12
		7/6/1994	12.67		25.65
		10/5/1994	11.95		26.37
		1/10/1995	11.91		26.41
		4/5/1995	12.76		25.56
		7/5/1995	15.90		22.42
		10/9/1995	16.02		22.30
		7/10/1996	13.09		25.23
		10/1/1996	13.00		25.32
		4/1/1997	10.95		27.37

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-8A	A	10/1/1997	10.95	38.32	27.37
continued	continued	4/1/1998	8.21		30.11
		10/5/1998	9.27		29.05
		4/5/1999	8.75		29.57
		10/4/1999	8.88		29.44
		10/2/2000	9.43		28.89
		10/1/2001	8.43		29.89
		10/1/2002	8.10	37.68	29.58
		10/9/2003	7.27		30.41
		10/4/2004	7.70		29.98
		10/10/2005	6.48		31.20
		10/16/2006	6.35		31.33
		10/8/2007	6.02	40.38	34.36
		10/13/2008	6.54		33.84
		10/12/2009	7.50		32.88
		4/5/2010	6.16		34.22
		10/11/2010	6.85*		33.53
		5/2/2011	6.25		34.13
		10/10/2011	6.68		33.70
		4/26/2012	6.28		34.10
		10/8/2012	6.86		33.52
		5/20/2013	7.60		32.78
		10/14/2013	7.25		33.13
		4/14/2014	6.78		33.60
		10/13/2014	6.67		33.71
		6/26/2015	7.09		33.29
		10/12/2015	7.68		32.70
		5/26/2016	6.73		33.65
		10/10/2016	7.47		32.91
		10/9/2017	6.72		33.66
		10/8/2018	6.21	40.48	34.27
		10/8/2019	6.20		34.27
		10/12/2020	6.42		34.06
		10/11/2021	6.62		33.85
T-9A	A	3/12/1986	6.12	37.22	31.10
		3/14/1986	13.50		23.72
		3/17/1986	11.85		25.37
		5/13/1986	12.12		25.10
		10/2/1987	9.66		27.56
		11/30/1987	11.98		25.24
		2/24/1988	12.80		24.42
		4/12/1988	12.01		25.21
		7/26/1988	11.85		25.37
		10/25/1988	12.34		24.88
		1/10/1989	12.33		24.89
		4/3/1989	12.54		24.68
		9/14/1989	13.43		23.79
		10/10/1989	14.63		22.59
		1/8/1990	14.09		23.13
		4/6/1990	14.10		23.12
		7/5/1990	14.58		22.64
		10/9/1990	15.26		21.96
		1/8/1991	15.57		21.65
		4/9/1991	14.31		22.91
		7/9/1991	14.94		22.28
		10/7/1991	15.34		21.88
		1/6/1992	15.04		22.18
		4/6/1992	14.52		22.70
		7/6/1992	13.97		23.25
		10/29/1992	13.21		24.01
		1/5/1993	Dry		NA
		4/5/1993	14.12		23.10
		7/6/1993	12.80		24.42
		10/15/1993	13.26		23.96
		1/11/1994	15.20		22.02
		4/4/1994	12.93		24.29
		7/6/1994	12.85		24.37
		10/5/1994	12.72		24.50
		1/10/1995	11.12		26.10
		4/5/1995	8.84		28.38
		7/5/1995	11.00		26.22
		10/9/1995	11.33		25.89

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Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-9A	A	7/10/1996	10.67	37.22	26.55
continued	continued	10/1/1996	11.03		26.19
		4/1/1997	9.88		27.34
		10/1/1997	11.29	37.21	25.92
		4/1/1998	8.57		28.64
		10/5/1998	9.17		28.04
		4/5/1999	10.07		27.14
		10/4/1999	9.94		27.27
		10/2/2000	11.30		25.91
		10/1/2001	8.67		28.54
		10/14/2002	8.27		28.94
		10/9/2003	7.51		29.70
		10/4/2004	7.84		29.37
		10/10/2005	6.53		30.68
		10/16/2006	6.77	36.52	29.75
		10/8/2007	6.33	39.22	32.89
		10/13/2008	6.80		32.42
		10/12/2009	7.89		31.33
		10/11/2010	7.53		31.69
		10/10/2011	7.07		32.15
		10/8/2012	7.26		31.96
		10/14/2013	7.71		31.51
		10/13/2014	6.60		32.62
		10/12/2015	7.90		31.32
		5/26/2016	6.99		32.23
		10/10/2016	7.61		31.61
		10/9/2017	6.93		32.29
		10/8/2018	6.33	39.30	32.97
		10/8/2019	NM		NA
		10/12/2020	6.60		32.70
		10/11/2021	6.82		32.47
T-13A	A	10/16/2006	6.58	38.06	31.48
		10/8/2007	6.31	40.76	34.45
		10/13/2008	6.92		33.84
		10/12/2009	7.78		32.98
		4/5/2010	6.38		34.38
		10/11/2010	7.44		33.32
		5/2/2011	6.57		34.19
		10/10/2011	7.04		33.72
		4/27/2012	6.51		34.25
		10/8/2012	7.12		33.64
		5/21/2013	7.29		33.47
		10/14/2013	7.49		33.27
		4/14/2014	7.02		33.74
		10/13/2014	7.01		33.75
		6/26/2015	7.34		33.42
		10/12/2015	8.06		32.70
		5/26/2016	7.00		33.76
		10/10/2016	7.99		32.77
		10/9/2017	7.03		33.73
		10/8/2018	6.40	40.99	34.59
		10/8/2019	6.52		34.47
		10/12/2020	6.71		34.28
		10/11/2021	7.10		33.89
T-14A	A	10/16/2006	6.52	37.92	31.40
		10/8/2007	6.30	40.62	34.32
		10/13/2008	6.73		33.89
		10/12/2009	7.71		32.91
		4/5/2010	6.28		34.34
		10/11/2010	7.38		33.24
		5/2/2011	6.50		34.12
		10/10/2011	6.93		33.69
		4/27/2012	6.49		34.13
		10/8/2012	7.07		33.55
		5/21/2013	7.31		33.31
		10/14/2013	7.46		33.16
		4/14/2014	7.01		33.61
		10/13/2014	6.92		33.70
		10/12/2015	7.93		32.69
		5/26/2016	6.92		33.70
		10/10/2016	7.67		32.95
		10/9/2017	6.94		33.68

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-14A continued	A continued	10/8/2018	6.34	40.81	34.47
		10/8/2019	6.48		34.33
		10/12/2020	6.63		34.18
		10/11/2021	6.79		34.02
T-15A	A	10/16/2006	6.48	37.41	30.93
		10/8/2007	6.15	40.11	33.96
		10/13/2008	6.68		33.43
		10/12/2009	7.61		32.50
		10/11/2010	7.28		32.83
		10/10/2011	6.81		33.30
		4/26/2012	6.41		33.70
		10/8/2012	6.98		33.13
		5/20/2013	7.20		32.91
		10/14/2013	7.38		32.73
		4/14/2014	6.92		33.19
		10/13/2014	6.72		33.39
		10/12/2015	7.81		32.30
		5/26/2016	6.84		33.27
		10/10/2016	7.56		32.55
		10/9/2017	6.82		33.29
		10/8/2018	6.14	40.22	34.08
		10/8/2019	6.24		33.98
		10/12/2020	6.48		33.74
		10/11/2021	6.79		33.43
T-16A	A	10/16/2006	6.60	37.32	30.72
		10/8/2007	6.30	40.02	33.72
		10/13/2008	6.75		33.27
		10/12/2009	7.74		32.28
		10/11/2010	7.36		32.66
		10/10/2011	6.91		33.11
		10/8/2012	7.11		32.91
		10/14/2013	7.56		32.46
		10/13/2014	6.77		33.25
		10/12/2015	7.83		32.19
		10/10/2016	7.68		32.34
		10/9/2017	6.97		33.05
		10/8/2018	6.23	40.12	33.89
		10/8/2019	6.36		33.76
		10/12/2020	6.55		33.57
		10/11/2021	6.83		33.29
T-17A	A	4/26/2012	7.12	40.02	32.90
		11/13/2012	7.50	38.23	30.73
		5/20/2013	7.62		30.61
		10/14/2013	7.82		30.41
		4/14/2014	7.30		30.93
		10/13/2014	7.19		31.04
		6/26/2015	7.53		30.70
		10/12/2015	8.18		30.05
		5/26/2016	7.18		31.05
		10/10/2016	7.94		30.29
		10/9/2017	7.25		30.98
		10/8/2018	6.64	40.88	34.24
		10/8/2019	6.70		34.18
		10/12/2020	6.92		33.96
		10/11/2021	6.63		34.25
T-18A	A	9/4/2007	6.92	NS	NA
		10/8/2007	6.87		NA
		10/12/2009	8.28		NA
		10/11/2010	7.87		NA
		10/10/2011	7.42		NA
		10/8/2012	7.83		NA
		10/14/2013	7.96		NA
		10/13/2014	7.41		NA
		10/12/2015	8.43		NA
		10/10/2016	8.20		NA
		10/9/2017	7.47		NA
		10/8/2018	6.94	41.20	34.26
		10/8/2019	6.94		34.26
		10/12/2020	7.13		34.07
		10/11/2021	7.27		33.93
T-19A	A	9/4/2007	6.67	NS	NA
		10/8/2007	6.45		NA

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-19A	A	10/12/2009	8.01	NS	NA
continued	continued	4/5/2010	6.49		NA
		10/11/2010	7.67		NA
		5/2/2011	6.80		NA
		10/10/2011	7.19		NA
		4/27/2012	6.71		NA
		10/8/2012	7.39		NA
		5/21/2013	7.52		NA
		10/14/2013	7.79		NA
		4/14/2014	7.39		NA
		10/13/2014	7.18		NA
		6/26/2015	7.53		NA
		10/12/2015	8.21		NA
		5/26/2016	7.21		NA
		10/10/2016	7.96		NA
		10/9/2017	7.25		NA
		10/8/2018	6.61	41.00	34.39
		10/8/2019	6.73		34.27
		10/12/2020	6.92		34.08
		10/11/2021	7.10		33.90
T-20A	A	9/4/2007	6.70	NS	NA
		10/8/2007	6.32		NA
		10/12/2009	7.80		NA
		10/11/2010	7.44		NA
		10/10/2011	7.00		NA
		10/8/2012	7.16		NA
		10/14/2013	7.54		NA
		10/13/2014	7.01		NA
		10/12/2015	8.15		NA
		10/10/2016	7.77		NA
		10/9/2017	7.06		NA
		10/8/2018	6.43	40.86	34.43
		10/8/2019	6.56		34.30
		10/12/2020	6.72		34.14
		10/11/2021	6.90		33.96
T-21A	A	9/4/2007	6.69	NS	NA
		10/8/2007	6.62		NA
		10/12/2009	8.11		NA
		10/11/2010	7.83		NA
		10/10/2011	7.32		NA
		10/8/2012	7.43		NA
		10/14/2013	7.88		NA
		10/13/2014	7.28		NA
		10/12/2015	17.90		NA
		10/10/2016	8.03		NA
		10/9/2017	7.31		NA
		10/8/2018	6.73	41.20	34.47
		10/8/2019	6.77		34.43
		10/12/2020	7.01		34.19
		10/11/2021	7.19		34.01
T-22A	A	9/4/2007	6.65	NS	NA
		10/8/2007	6.63		NA
		10/12/2009	8.06		NA
		10/11/2010	7.70		NA
		10/10/2011	7.24		NA
		10/8/2012	7.35		NA
		10/14/2013	7.81		NA
		10/13/2014	7.29		NA
		10/12/2015	8.26		NA
		10/10/2016	8.07		NA
		10/9/2017	7.29		NA
		10/8/2018	6.16		NA
		10/8/2019	6.23		NA
		10/12/2020	7.00		NA
		10/11/2021	7.18		NA
T-23A	A	9/4/2007	6.84	NS	NA
		10/8/2007	6.86		NA
		10/12/2009	8.38		NA
		4/5/2010	6.82		NA
		10/11/2010	7.90		NA
		5/2/2011	7.00		NA
		10/10/2011	7.49		NA

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-23A continued	A continued	4/27/2012	7.13	NS	NA
		10/8/2012	7.53		NA
		5/21/2013	7.82		NA
		10/14/2013	8.06		NA
		4/14/2014	7.61		NA
		10/13/2014	7.48		NA
		6/26/2015	7.80		NA
		10/12/2015	8.44		NA
		5/26/2016	7.49		NA
		10/10/2016	8.27		NA
		10/9/2017	7.49		NA
		10/8/2018	7.19	41.44	34.25
		10/8/2019	6.95		34.49
		10/12/2020	7.05		34.39
		10/11/2021	7.00		34.44
T-24A	A	9/4/2007	6.68	NS	NA
		10/8/2007	6.64		NA
		10/11/2010	7.79		NA
		10/10/2011	7.33		NA
		10/8/2012	7.45		NA
		10/14/2013	7.84		NA
		10/13/2014	7.28		NA
		10/12/2015	8.31		NA
		10/10/2016	8.20		NA
		10/9/2017	7.37		NA
		10/8/2018	7.09	41.29	34.20
		10/8/2019	6.74		34.55
		10/12/2020	6.99		34.30
		10/11/2021	7.27		34.02
T-25A	A	9/4/2007	5.86	NS	NA
		10/8/2007	5.83		NA
		10/12/2009	7.22		NA
		4/5/2010	5.79		NA
		10/11/2010	6.90		NA
		5/2/2011	6.00		NA
		10/10/2011	6.42		NA
		4/26/2012	6.00		NA
		10/8/2012	6.61		NA
		5/20/2013	6.78		NA
		10/14/2013	6.99		NA
		4/14/2014	6.57		NA
		10/13/2014	6.44		NA
		6/26/2015	6.78		NA
		10/12/2015	7.44		NA
		5/26/2016	6.46		NA
		10/10/2016	7.23		NA
		10/9/2017	6.48		NA
		10/8/2018	5.82	40.26	34.44
		10/8/2019	5.90		34.36
		10/12/2020	6.15		34.11
		10/11/2021	6.35		33.91
36-S	A	1/15/1986	7.50	39.21	31.71
		3/12/1986	6.08		33.13
		3/14/1986	5.94		33.27
		4/21/1986	7.50		31.71
		5/13/1986	6.51		32.70
		7/24/1986	7.42		31.79
		10/2/1987	8.55		30.66
		11/30/1987	9.33		29.88
		2/24/1988	9.54		29.67
		4/12/1988	10.19		29.02
		7/26/1988	10.47		28.74
		10/25/1988	10.93		28.28
		1/10/1989	11.14	39.03	27.89
		4/3/1989	11.60		27.43
		9/14/1989	10.79		28.24
		10/10/1989	10.72		28.31
		1/8/1990	10.87		28.16
		4/6/1990	12.64		26.39
		7/5/1990	13.67		25.36
		10/9/1990	11.33		27.70
		1/8/1991	Dry		NA

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
36-S	A	4/9/1991	13.08	39.03	25.95
continued	continued	7/9/1991	13.93		25.10
		10/7/1991	14.23		24.80
		1/6/1992	12.98		26.05
		4/6/1992	9.36		29.67
		7/6/1992	11.80		27.23
		10/29/1992	11.81		27.22
		1/5/1993	11.35		27.68
		4/5/1993	9.66		29.37
		7/6/1993	10.69		28.34
		10/15/1993	11.40		27.63
		1/11/1994	11.82		27.21
		4/4/1994	11.48		27.55
		7/6/1994	10.90		28.13
		10/5/1994	9.37		29.66
		1/10/1995	7.60		31.43
		4/5/1995	7.59		31.44
		7/5/1995	9.25		29.78
		10/9/1995	9.02		30.01
		7/10/1996	9.14		29.89
		10/1/1996	9.40		29.63
		4/1/1997	7.85		31.18
		Oct-97+	8.50	38.62	30.12
		4/1/1998	6.58		32.04
		10/5/1998	7.39		31.23
		4/5/1999	7.14		31.48
		10/4/1999	7.70		30.92
		10/2/2000	7.79		30.83
		10/1/2001	7.47		31.15
		10/14/2002	7.37		31.25
		10/9/2003	6.60		32.02
		10/4/2004	6.93		31.69
		10/10/2005	6.20		32.42
		10/16/2006	6.07		32.55
		10/8/2007	5.92	41.46	35.54
		10/13/2008	6.29		35.17
		10/12/2009	6.83		34.63
		10/11/2010	6.65		34.81
		10/10/2011	6.25		35.21
		10/8/2012	6.44		35.02
		10/14/2013	Dry		NA
		10/13/2014	6.59		34.87
		10/12/2015	7.28		34.18
		10/10/2016	6.94		34.52
		10/9/2017	6.40		35.06
		10/8/2018	5.92	41.44	35.52
		10/8/2019	6.11		35.33
		10/12/2020	6.15		35.29
		10/11/2021	6.32		35.12
36-D	A	1/15/1986	7.50	39.06	31.56
		3/10/1986	NM		NA
		3/12/1986	5.90		33.16
		3/14/1986	5.82		33.24
		3/17/1986	NM		NA
		4/21/1986	NM		NA
		4/22/1986	7.20		31.86
		4/23/1986	NM		NA
		5/13/1986	7.37		31.69
		7/24/1986	7.32		31.74
		10/2/1987	8.32		30.74
		11/30/1987	9.08		29.98
		2/24/1988	9.35		29.71
		4/12/1988	9.96		29.10
		7/26/1988	10.23		28.83
		10/25/1988	10.74		28.32
		1/10/1989	10.95	38.88	27.93
		4/3/1989	11.35		27.53
		9/14/1989	11.71		27.17
		10/10/1989	11.68		27.20
		1/8/1990	12.51		26.37
		4/6/1990	13.55		25.33
		7/5/1990	13.93		24.95

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
36-D	A	10/9/1990	13.26	38.88	25.62
continued	continued	1/8/1991	14.83		24.05
		4/9/1991	13.66		25.22
		7/9/1991	14.28		24.60
		10/7/1991	14.51		24.37
		1/6/1992	14.37		24.51
		4/6/1992	10.68		28.20
		7/6/1992	12.52		26.36
		10/5/1992	11.40		27.48
		1/5/1993	11.67		27.21
		4/5/1993	11.00		27.88
		7/6/1993	10.60		28.28
		10/15/1993	11.26		27.62
		1/11/1994	11.62		27.26
		4/4/1994	11.26		27.62
		7/6/1994	10.76		28.12
		10/5/1994	9.02		29.86
		1/10/1995	7.57		31.31
		4/5/1995	7.41		31.47
		7/5/1995	9.03		29.85
		10/9/1995	8.71		30.17
		7/10/1996	8.89		29.99
		10/1/1996	9.16		29.72
		4/1/1997	7.61		31.27
		Oct-97+	8.20	38.40	30.20
		4/1/1998	6.38		32.02
		10/5/1998	7.19		31.21
		4/5/1999	7.17		31.23
		10/4/1999	7.43		30.97
		10/2/2000	7.52		30.88
		10/1/2001	7.24		31.16
		10/14/2002	7.12		31.28
		10/9/2003	6.40		32.00
		10/4/2004	6.72		31.68
		10/10/2005	5.96		32.44
		10/16/2006	5.82		32.58
		10/8/2007	5.67	41.26	35.59
		10/13/2008	6.02		35.24
		10/12/2009	6.61		34.65
		10/11/2010	6.43		34.83
		10/10/2011	6.03		35.23
		10/8/2012	6.20		35.06
		10/14/2013	6.44		34.82
		10/13/2014	6.34		34.92
		10/12/2015	7.04		34.22
		10/10/2016	6.92		34.34
		10/9/2017	6.18		35.08
		10/8/2018	5.71	41.20	35.49
		10/8/2019	5.84		35.36
		10/12/2020	5.91		35.29
		10/11/2021	6.78		34.42
37-S	A	1/15/1986	8.20	40.19	31.99
		3/12/1986	6.42		33.77
		3/14/1986	6.44		33.75
		5/13/1986	8.54		31.65
		7/24/1986	8.53		31.66
		10/2/1987	8.53		31.66
		11/30/1987	10.64		29.55
		2/24/1988	10.65		29.54
		4/12/1988	11.24		28.95
		7/26/1988	11.92		28.27
		10/25/1988	12.03		28.16
		1/10/1989	12.47	39.70	27.23
		4/3/1989	13.00		26.70
		9/14/1989	11.73		27.97
		10/10/1989	12.20		27.50
		1/8/1990	Dry		NA
		4/6/1990	Dry		NA
		7/5/1990	Dry		NA
		10/9/1990	Dry		NA
		1/8/1991	Dry		NA
		4/9/1991	Dry		NA

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
37-S	A	7/9/1991	Dry	39.70	NA
continued	continued	10/7/1991	Dry		NA
		1/6/1992	Dry		NA
		4/6/1992	Dry		NA
		7/6/1992	Dry		NA
		10/29/1992	Dry		NA
		1/5/1993	Dry		NA
		4/5/1993	9.80		29.90
		7/6/1993	12.01		27.69
		10/15/1993	11.72		27.98
		1/11/1994	12.73		26.97
		4/4/1994	12.46		27.24
		7/6/1994	11.81		27.89
		10/5/1994	10.69		29.01
		1/10/1995	10.56		29.14
		4/5/1995	8.34		31.36
		7/5/1995	9.85		29.85
		10/9/1995	9.86		29.84
		7/10/1996	9.25		30.45
		10/1/1996	9.67		30.03
		4/1/1997	8.29		31.41
		10/1/1997	9.20	39.24	30.04
		4/1/1998	7.38		31.86
		10/5/1998	8.42		30.82
		4/5/1999	8.33		32.10
		10/4/1999	8.36		31.54
		10/2/2000	8.49		30.75
		10/1/2001	8.40		30.84
		10/14/2002	8.23	39.79	31.56
		10/9/2003	7.38		32.41
		10/4/2004	7.82		31.97
		10/10/2005	6.21		33.58
		10/16/2006	5.95		33.84
		10/8/2007	5.60	42.06	36.46
		10/13/2008	6.20		35.86
		10/12/2009	7.30		34.76
		10/11/2010	6.92		35.14
		10/10/2011	6.43		35.63
		10/8/2012	6.56		35.50
		10/14/2013	7.01		35.05
		10/13/2014	6.79		35.27
		10/12/2015	7.71		34.35
		10/10/2016	7.58		34.48
		10/9/2017	6.70		35.36
		10/8/2018	6.10	42.01	35.91
		10/8/2019	6.23		34.78
		10/12/2020	6.36		34.65
		10/11/2021	7.02		33.99
38-S	A	1/15/1986	8.80	39.14	30.34
		3/14/1986	7.34		31.80
		5/13/1986	9.95		29.19
		7/24/1986	10.52		28.62
		10/2/1987	11.49		27.65
		11/30/1987	12.68		26.46
		2/24/1988	12.55		26.59
		4/12/1988	12.68		26.46
		7/26/1988	13.12		26.02
		10/25/1988	13.62		25.52
		1/10/1989	13.68	38.85	25.17
		4/3/1989	13.97		24.88
		9/14/1989	14.53		24.32
		10/10/1989	14.32		24.53
		1/8/1990	Dry		NA
		4/6/1990	Dry		NA
		7/5/1990	Dry		NA
		10/9/1990	Dry		NA
		1/8/1991	Dry		NA
		4/9/1991	Dry		NA
		7/9/1991	Dry		NA
		10/7/1991	Dry		NA
		1/6/1992	Dry		NA
		4/6/1992	Dry		NA

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
38-S	A	7/6/1992	Dry	38.85	NA
continued	continued	10/29/1992	Dry		NA
		1/5/1993	13.97		24.88
		4/5/1993	13.08		25.77
		7/6/1993	14.30		24.55
		10/15/1993	Dry		NA
		1/11/1994	14.45		24.40
		4/4/1994	14.19		24.66
		7/6/1994	13.70		25.15
		10/5/1994	9.81		29.04
		1/10/1995	11.36		27.49
		4/5/1995	9.50		29.35
		7/5/1995	11.62		27.23
		10/9/1995	12.12		26.73
		7/10/1996	11.74		27.11
		10/1/1996	11.91		26.94
		4/1/1997	10.45		28.40
		10/1/1997	11.63	38.35	26.72
		4/1/1998	9.15		29.20
		10/5/1998	10.81		27.54
		4/5/1999	10.72		27.63
		10/4/1999	10.50		27.85
		10/2/2000	11.21		27.14
		10/1/2001	10.05		28.30
		10/14/2002	9.57		28.78
		10/9/2003	8.63		29.72
		10/4/2004	9.12		29.23
		10/10/2005	7.57		30.78
		10/16/2006	7.56		30.79
		10/8/2007	7.07	41.05	33.98
		10/13/2008	7.71		33.34
		10/12/2009	9.02		32.03
		10/11/2010	8.55		32.50
		10/10/2011	8.05		33.00
		4/26/2012	7.59		33.46
		10/8/2012	8.25		32.80
		5/20/2013	8.65		32.40
		10/14/2013	8.64		32.41
		10/13/2014	7.86		33.19
		10/12/2015	8.97		32.08
		10/10/2016	8.79		32.26
		10/9/2017	7.92		33.13
		10/8/2018	7.35	41.13	33.78
		10/8/2019	7.29		33.84
		10/12/2020	7.70		33.43
		10/11/2021	7.96		33.17
Eductor	A	5/13/1986	11.59	40.28	28.69
		10/2/1987	11.50		28.78
		11/30/1987	NM		NA
		2/24/1988	12.74		27.54
		4/12/1988	12.95		27.33
		7/26/1988	13.30		26.98
		10/25/1988	12.33		27.95
		1/10/1989	10.59		29.69
		4/3/1989	11.63		28.65
		9/14/1989	11.55		28.73
		10/10/1989	12.40		27.88
		1/8/1990	12.07		28.21
		4/6/1990	11.89		28.39
		7/5/1990	11.72		28.56
		10/9/1990	12.76		27.52
		1/8/1991	12.66		27.62
		4/9/1991	14.99		25.29
		7/9/1991	16.04		24.24
		10/7/1991	16.72		23.56
		1/6/1992	15.25		25.03
		4/6/1992	15.13		25.15
		7/6/1992	15.60		24.68
		10/29/1992	13.92		26.36
		1/5/1993	15.54		24.74
		4/5/1993	15.08		25.20
		7/6/1993	16.37		23.91

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
Eductor	A	10/15/1993	16.54	40.28	23.74
continued	continued	1/11/1994	16.50		23.78
		4/4/1994	16.56		23.72
		7/6/1994	16.35		23.93
		10/5/1994	16.24		24.04
		1/10/1995	15.98		24.30
		4/5/1995	16.11		24.17
		7/5/1995	16.08		24.20
		10/9/1995	16.25		24.03
		7/10/1996	16.37		23.91
		10/1/1996	NM		NA
		4/1/1997	15.90		24.38
		10/1/1997	16.22	41.07	24.85
		4/1/1998	16.09		24.98
		10/5/1998	11.87		29.20
		4/5/1999	16.08		24.99
		10/4/1999	15.97		25.10
		10/2/2000	16.31		24.76
		10/1/2001	11.27		29.80
		10/1/2002	9.36	39.54	30.18
		10/9/2003	8.57		30.97
		10/4/2004	9.03		30.51
		10/10/2005	7.89		31.65
		10/16/2006	7.78		31.76
		10/8/2007	7.50	42.24	34.74
		10/13/2008	7.88		34.36
		10/12/2009	8.81		33.43
		10/11/2010	8.48		33.76
		11/15/2010	8.15		34.09
		3/8/2011	7.75		34.49
		5/3/2011	7.54		34.70
		10/10/2011	8.39		33.85
		4/27/2012	7.69		34.55
		10/8/2012	8.08		34.16
		10/17/2012	8.76		33.48
		10/14/2013	8.45*	* corrected for	33.79
		4/14/2014	7.89	soybean oil	34.35
		9/24/2014	8.20		34.04
Per USEPA approval, the Eductor was destroyed.					
T-1B	B1	1/16/1986	7.70	37.40	29.70
		3/12/1986	6.29		31.11
		3/14/1986	7.47		29.93
		4/21/1986	9.40		28.00
		5/13/1986	8.23		29.17
		7/24/1986	9.75		27.65
		10/2/1987	10.45		26.95
		11/30/1987	12.70		24.70
		2/24/1988	12.86		24.54
		4/12/1988	14.03		23.37
		7/26/1988	15.21		22.19
		10/25/1988	15.90		21.50
		1/10/1989	15.46	39.68	24.22
		4/3/1989	18.95		20.73
		9/14/1989	18.23		21.45
		10/10/1989	18.49		21.19
		1/8/1990	20.54		19.14
		4/6/1990	19.38		20.30
		7/5/1990	19.92		19.76
		10/9/1990	21.07		18.61
		1/8/1991	21.60		18.08
		4/9/1991	20.54		19.14
		7/12/1991	21.05		18.63
		10/7/1991	21.78		17.90
		1/6/1992	20.94		18.74
		4/6/1992	19.53		20.15
		7/6/1992	20.38		19.30
		10/5/1992	18.86		20.82
		1/5/1993	20.28		19.40
		4/5/1993	18.52		21.16
		7/6/1993	19.64		20.04
		10/15/1993	13.34		26.34
		1/11/1994	16.93		22.75

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-1B continued	B1 continued	4/4/1994	15.01	39.68	24.67
		7/6/1994	13.47		26.21
		10/5/1994	12.80		26.88
		1/10/1995	12.60		27.08
		4/5/1995	10.95		28.73
		7/5/1995	13.86		25.82
		10/9/1995	12.84		26.84
		7/10/1996	13.97		25.71
		10/1/1996	14.51		25.17
		4/1/1997	11.88	39.53	27.65
		10/1/1997	12.90	39.02	26.12
		4/1/1998	10.56		28.46
		10/5/1998	11.66		27.36
		4/5/1999	11.87		27.15
		10/4/1999	11.46		27.56
		10/2/2000	13.09		25.93
		10/1/2001	11.54		27.48
		10/14/2002	10.99		28.03
		10/9/2003	9.31		29.71
Per Water Board approval, well 1B was abandoned in February 2004.					
T-2B	B1	3/14/1986	9.19	39.69	30.50
		5/13/1986	26.24		13.45
		7/24/1986	19.23		20.46
		10/2/1987	20.46		19.23
		11/30/1987	25.89		13.80
		2/24/1988	26.00		13.69
		4/12/1988	24.56		15.13
		7/26/1988	23.00		16.69
		10/25/1988	26.29		13.40
		1/10/1989	26.07	39.67	13.60
		4/3/1989	23.84		15.83
		9/14/1989	23.42		16.25
		10/10/1989	23.53		16.14
		1/8/1990	22.99		16.68
		4/6/1990	24.96		14.71
		7/5/1990	29.13		10.54
		10/9/1990	23.96		15.71
		1/8/1991	24.32		15.35
		4/9/1991	24.75		14.92
		7/12/1991	24.67		15.00
		10/7/1991	29.98		9.69
		1/6/1992	16.95		22.72
		4/6/1992	27.36		12.31
		7/6/1992	15.70		23.97
		10/5/1992	26.35		13.32
		1/5/1993	24.65		15.02
		4/5/1993	24.94		14.73
		7/6/1993	26.50		13.17
		10/15/1993	22.98		16.69
		1/11/1994	21.31		18.36
		4/4/1994	26.18		13.49
		7/6/1994	21.36		18.31
		10/5/1994	25.32		14.35
		1/10/1995	26.98		12.69
		4/5/1995	10.75		28.92
		7/5/1995	22.58		17.09
		10/9/1995	25.44		14.23
		7/10/1996	23.00		16.67
		10/1/1996	14.08		25.59
		4/1/1997	26.15		13.52
		10/1/1997	NM	39.24	NA
		4/1/1998	25.58		13.66
		10/5/1998	11.89		27.35
		4/5/1999	Dry		NA
		10/4/1999	25.48		13.76
		10/2/2000	10.76		28.48
		10/1/2001	9.76		29.48
		10/1/2002	9.79	39.53	29.74
		10/9/2003	8.56		30.97
		10/4/2004	9.04		30.49
		10/10/2005	7.71		31.82
		10/16/2006	7.57		31.96

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-2B continued	B1 continued	10/8/2007	7.29	42.23	34.94
		10/13/2008	8.05		34.18
		10/12/2009	8.82		33.41
		10/11/2010	8.41		33.82
		11/15/2010	8.11		34.12
		3/8/2011	7.33		34.90
		5/3/2011	7.44		34.79
		10/10/2011	7.89		34.34
		4/26/2012	7.37		34.86
		10/8/2012	8.08		34.15
		5/22/2013	8.19		34.04
		10/14/2013	8.36		33.87
		4/14/2014	7.91		34.32
		9/24/2014	8.18		34.05
Per USEPA approval, well T-2B was destroyed.					
T-4B	B1	1/16/1986	9.30	38.96	29.66
		3/14/1986	12.96		26.00
		4/21/1986	15.60		23.36
		5/13/1986	11.51		27.45
		7/24/1986	15.88		23.08
		10/2/1987	15.32		23.64
		11/30/1987	19.59		19.37
		2/24/1988	18.67		20.29
		4/12/1988	19.63		19.33
		7/26/1988	19.87		19.09
		10/25/1988	20.98		17.98
		1/10/1989	20.75	38.70	17.95
		4/3/1989	20.95		17.75
		9/14/1989	19.64		19.06
		10/10/1989	19.50		19.20
		1/8/1990	21.53		17.17
		4/6/1990	20.47		18.23
		7/5/1990	NA		NM
		10/9/1990	22.95		15.75
		1/8/1991	23.04		15.66
		4/9/1991	22.69		16.01
		7/9/1991	23.36		15.34
		10/7/1991	24.44		14.26
		1/6/1992	22.57		16.13
		4/6/1992	21.83		16.87
		7/6/1992	22.19		16.51
		10/5/1992	20.42		18.28
		1/5/1993	22.31		16.39
		4/5/1993	21.46		17.24
		7/6/1993	22.40		16.30
		10/15/1993	19.84		18.86
		1/11/1994	22.61		16.09
		4/4/1994	22.16		16.54
		7/6/1994	20.57		18.13
		10/5/1994	17.33		21.37
		1/10/1995	16.87		21.83
		4/5/1995	14.26		24.44
		7/5/1995	16.33		22.37
		10/9/1995	16.75		21.95
		7/10/1996	16.78		21.92
		10/1/1996	18.70		20.00
		4/1/1997	15.63		23.07
		10/1/1997	15.89	38.23	22.34
		4/1/1998	12.93		25.30
		10/5/1998	13.89		24.34
		4/5/1999	16.11		22.12
		10/4/1999	14.07		24.16
		10/2/2000	16.43		21.80
		10/1/2001	13.36		24.87
		10/14/2002	12.39		25.84
		10/9/2003	11.00		27.23
		10/4/2004	10.91		27.32
		10/10/2005	8.32		29.91
		10/16/2006	8.07		30.16
		10/8/2007	7.60	40.93	33.33
		10/13/2008	8.98		31.95
		10/12/2009	10.71		30.22

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-4B continued	B1 continued	10/11/2010	9.86	40.93	31.07
		10/10/2011	9.16		31.77
		10/8/2012	9.38		31.55
		10/14/2013	9.71		31.22
		10/13/2014	9.00		31.93
		6/26/2015	9.39		31.54
		10/12/2015	10.10		30.83
		5/26/2016	9.00		31.93
		10/10/2016	9.47		31.46
		10/9/2017	8.51		32.42
		10/8/2018	7.79	40.98	33.19
		10/8/2019	8.00		32.98
		10/12/2020	8.48		32.50
		10/11/2021	8.69		32.29
T-5B	B1	1/16/1986	10.00	40.67	30.67
		3/14/1986	10.37		30.30
		4/23/1986	11.20		29.47
		5/13/1986	10.11		30.56
		7/24/1986	10.86		29.81
		10/2/1987	15.75		24.92
		11/30/1987	17.12		23.55
		2/24/1988	16.62		24.05
		4/12/1988	19.20		21.47
		7/26/1988	18.63		22.04
		10/25/1988	20.71		19.96
		1/10/1989	20.80	39.67	18.87
		4/3/1989	20.55		19.12
		9/14/1989	21.12		18.55
		10/10/1989	21.03		18.64
		1/8/1990	21.85		17.82
		4/6/1990	22.92		16.75
		7/5/1990	23.06		16.61
		10/9/1990	22.87		16.80
		1/8/1991	23.27		16.40
		4/9/1991	22.81		16.86
		7/12/1991	23.00		16.67
		10/7/1991	23.79		15.88
		1/6/1992	23.07		16.60
		4/6/1992	20.59		19.08
		7/6/1992	20.80		18.87
		10/5/1992	17.55		22.12
		1/5/1993	19.04		20.63
		4/5/1993	21.24		18.43
		7/6/1993	21.08		18.59
		10/15/1993	20.65		19.02
		1/11/1994	22.15		17.52
		4/4/1994	21.13		18.54
		7/6/1994	20.93		18.74
		10/5/1994	18.77		20.90
		1/10/1995	18.75		20.92
		4/5/1995	17.70		21.97
		7/5/1995	18.75		20.92
		10/9/1995	18.24		21.43
		7/10/1996	20.65		19.02
		10/1/1996	20.60		19.07
		4/1/1997	17.28		22.39
		10/1/1997	17.32	39.21	21.89
		4/1/1998	15.45		23.76
		10/5/1998	17.77		21.44
		4/5/1999	19.38		19.83
		10/4/1999	10.46		28.75
		10/2/2000	19.25		19.96
		10/1/2001	14.99		24.22
		10/14/2002	15.43	39.75	24.32
		10/9/2003	13.95		25.80
		10/4/2004	13.70		26.05
		10/10/2005	6.17		33.58
		10/16/2006	5.31		34.44
		10/8/2007	4.99	42.45	37.46
		10/13/2008	15.72		26.73
		10/12/2009	14.55		27.90
		10/11/2010	10.45		32.00

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-5B continued	B1 continued	10/10/2011	10.04	42.45	32.41
		10/8/2012	10.33		32.12
		10/14/2013	9.99		32.46
		10/13/2014	9.62		32.83
		10/12/2015	10.06		32.39
		10/10/2016	9.44		33.01
		10/9/2017	8.41	41.95	33.54
		10/8/2018	7.63		34.32
		10/8/2019	8.41		33.54
		10/12/2020	9.27		32.68
		10/11/2021	9.40		32.55
T-7B	B1	1/16/1986	9.70	39.43	29.73
		3/12/1986	8.16		31.27
		3/14/1986	9.90		29.53
		4/22/1986	11.00		28.43
		5/13/1986	9.65		29.78
		7/24/1986	10.75		28.68
		10/2/1987	13.98		25.45
		11/30/1987	15.75		23.68
		2/24/1988	15.21		24.22
		4/12/1988	16.83		22.60
		7/26/1988	16.37		23.06
		10/25/1988	18.16		21.27
		1/10/1989	17.82	39.44	21.62
		4/3/1989	16.99		22.45
		9/14/1989	19.35		20.09
		10/10/1989	19.60		19.84
		1/8/1990	20.56		18.88
		4/6/1990	20.37		19.07
		7/5/1990	21.16		18.28
		10/9/1990	20.79		18.65
		1/8/1991	21.01		18.43
		4/9/1991	20.48		18.96
		7/12/1991	20.77		18.67
		10/7/1991	21.77		17.67
		1/6/1992	20.98		18.46
		4/6/1992	17.20		22.24
		7/6/1992	17.63		21.81
		10/5/1992	16.52		22.92
		1/5/1993	19.15		20.29
		4/5/1993	18.53		20.91
		7/6/1993	17.95		21.49
		10/15/1993	16.60		22.84
		1/11/1994	19.20		20.24
		4/4/1994	17.90		21.54
		7/6/1994	17.76		21.68
		10/5/1994	15.67		23.77
		1/10/1995	15.45		23.99
		4/5/1995	13.99		25.45
		7/5/1995	15.71		23.73
		10/9/1995	14.50		24.94
		7/10/1996	16.35		23.09
		10/1/1996	16.68		22.76
		4/1/1997	14.22		25.22
		10/1/1997	14.34	38.87	24.53
		4/1/1998	12.54		26.33
		10/5/1998	13.62		25.25
		4/5/1999	14.74		24.13
		10/4/1999	11.31		27.56
		10/2/2000	14.68		24.19
		10/1/2001	12.67		26.20
		10/14/2002	12.24	39.31	27.07
		10/9/2003	8.62		30.69
		10/4/2004	9.35		29.96
		10/10/2005	5.61		33.70
		10/16/2006	5.14		34.17
		10/8/2007	4.93	42.01	37.08
		10/13/2008	8.76		33.25
		10/12/2009	8.47		33.54
		10/11/2010	7.94		35.00
		10/10/2011	6.39		35.62
		10/8/2012	6.55		35.46

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-7B continued	B1 continued	10/14/2013	6.73	42.01	35.28
		10/13/2014	6.64		35.37
		6/26/2015	6.91		35.10
		10/12/2015	7.57		34.44
		5/26/2016	6.41		35.60
		10/10/2016	6.92		35.09
		10/9/2017	5.61		36.40
		10/8/2018	4.97	41.75	36.78
		10/8/2019	5.19		36.56
		10/12/2020	5.57		36.18
		10/11/2021	6.97		34.78
T-8B	B1	3/10/1986	6.41	38.34	31.93
		3/17/1986	24.30		14.04
		5/13/1986	23.50		14.84
		7/24/1986	10.24		28.10
		10/2/1987	21.02		17.32
		11/30/1987	11.15		27.19
		2/24/1988	30.26		8.08
		4/12/1988	26.35		11.99
		7/26/1988	12.47		25.87
		10/25/1988	24.34		14.00
		1/10/1989	NM	38.30	NA
		4/3/1989	24.65		13.65
		9/14/1989	22.32		15.98
		10/10/1989	13.86		24.44
		1/8/1990	14.56		23.74
		4/6/1990	26.09		12.21
		7/5/1990	24.13		14.17
		10/9/1990	23.80		14.50
		1/8/1991	24.15		14.15
		4/9/1991	25.41		12.89
		7/12/1991	24.89		13.41
		10/7/1991	27.44		10.86
		1/6/1992	16.06		22.24
		4/6/1992	20.11		18.19
		7/6/1992	16.34		21.96
		10/5/1992	14.51		23.79
		1/5/1993	14.67		23.63
		4/5/1993	24.44		13.86
		7/6/1993	13.10		25.20
		10/15/1993	21.81		16.49
		1/11/1994	25.92		12.38
		4/4/1994	23.25		15.05
		7/6/1994	24.00		14.30
		10/5/1994	25.92		12.38
		1/10/1995	29.36		8.94
		4/5/1995	31.59		6.71
		7/5/1995	11.11		27.19
		10/9/1995	31.00		7.30
		7/10/1996	10.97		27.33
		10/1/1996	30.87		7.43
		4/1/1997	28.40		9.90
		10/1/1997	13.44		24.86
		4/1/1998	13.83		24.47
		10/5/1998	14.77		23.53
		4/5/1999	15.83		22.47
		10/4/1999	14.37		23.93
		10/2/2000	9.68		28.62
		10/1/2001	8.64		29.66
		10/1/2002	8.23	37.63	29.40
		10/9/2003	7.34		30.29
		10/4/2004	7.75		29.88
		10/10/2005	6.46		31.17
		10/16/2006	6.35		31.28
		10/8/2007	6.05	40.33	34.28
		10/13/2008	6.68		33.65
		10/12/2009	7.60		32.73
		10/11/2010	7.21		33.12
		10/10/2011	6.74		33.59
		10/8/2012	6.93		33.40
		10/14/2013	7.31		33.02
		10/13/2014	6.73		33.60

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-8B continued	B1 continued	6/26/2015	7.10	40.33	33.23
		10/12/2015	7.72		32.61
		5/26/2016	6.70		33.63
		10/10/2016	7.46		32.87
		10/9/2017	6.71	40.43	33.72
		10/8/2018	6.01		34.42
		10/8/2019	6.26		34.17
		10/12/2020	6.38		34.05
		10/11/2021	6.58		33.85
T-9B	B1	3/12/1986	6.75	37.14	30.39
		3/14/1986	24.45		12.69
		3/17/1986	24.25		12.89
		5/13/1986	8.94		28.20
		7/24/1986	27.67		9.47
		10/2/1987	12.15		24.99
		11/30/1987	19.34		17.80
		2/24/1988	21.99		15.15
		4/12/1988	23.50		13.64
		7/26/1988	24.97		12.17
		10/25/1988	26.65		10.49
		1/10/1989	24.33	37.11	12.78
		4/3/1989	23.66		13.45
		9/14/1989	17.32		19.79
		10/10/1989	21.48		15.63
		1/8/1990	25.75		11.36
		4/6/1990	20.54		16.57
		7/5/1990	18.31		18.80
		10/9/1990	31.99		5.12
		1/8/1991	23.99		13.12
		4/9/1991	22.70		14.41
		7/12/1991	31.91		5.20
		10/7/1991	Dry		NA
		1/6/1992	31.80		5.31
		4/6/1992	30.91		6.20
		7/6/1992	31.47		5.64
		10/5/1992	29.77		7.34
		1/5/1993	29.41		7.70
		4/5/1993	28.91		8.20
		7/6/1993	30.58		6.53
		10/15/1993	26.50		10.61
		1/11/1994	29.42		7.69
		4/4/1994	28.23		8.88
		7/6/1994	20.45		16.66
		10/5/1994	22.64		14.47
		1/10/1995	16.34		20.77
		4/5/1995	13.00		24.11
		7/5/1995	16.40		20.71
		10/9/1995	14.82		22.29
		7/10/1996	16.43		20.68
		10/1/1996	16.98		20.13
		4/1/1997	14.57	37.01	22.44
		10/1/1997	15.82	37.32	21.50
		4/1/1998	13.83		23.49
		10/5/1998	12.62		24.70
		4/5/1999	16.40		20.92
		10/4/1999	14.94		22.38
		10/2/2000	18.41		18.91
		10/1/2001	11.73		25.59
		10/14/2002	11.31		26.01
		10/9/2003	10.20		27.12
		10/4/2004	9.68		27.64
		10/10/2005	7.65		29.67
		10/16/2006	7.50	36.19	28.69
		10/8/2007	6.97	38.89	31.92
		10/13/2008	8.87		30.02
		10/12/2009	9.43		29.46
		10/11/2010	8.69		30.20
		10/10/2011	8.14		30.75
		10/8/2012	8.30		30.59
		10/14/2013	8.61		30.28
		10/13/2014	7.91		30.98
		6/26/2015	8.28		30.61

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-9B continued	B1 continued	10/12/2015	8.91	38.89	29.98
		5/26/2016	7.84		30.55
		10/10/2016	8.36		30.53
		1/18/2017	6.15	38.95	32.80
		10/9/2017	7.39		31.56
		10/8/2018	6.79		32.16
Per USEPA approval, well T-9B was destroyed.					
T-10B	B1	10/1/2001	8.81	37.39	28.58
		10/14/2002	8.44		28.95
		10/9/2003	7.41		29.98
		10/4/2004	7.86		29.53
		10/10/2005	6.62		30.77
		10/16/2006	6.56		30.83
		10/8/2007	6.19	40.09	33.90
		10/13/2008	6.81		33.28
		10/12/2009	7.76		32.33
		10/11/2010	4.36		35.73
		10/10/2011	6.82		33.27
		10/8/2012	7.12		32.97
		10/14/2013	7.52		32.57
		10/13/2014	6.81		33.28
		10/14/2015	7.90		32.19
		5/26/2016	6.92		33.17
		10/10/2016	7.63		32.46
		10/9/2017	6.88	40.13	33.25
		10/8/2018	6.19		33.94
		10/8/2019	6.28		33.85
		10/12/2020	6.50		33.63
		10/11/2021	6.76		33.37
T-17B	B1	10/16/2006	6.51	37.91	31.40
		10/12/2009	8.36	40.61	32.25
		10/11/2010	7.80		32.81
		10/10/2011	7.27		33.34
		4/26/2012	6.78		33.83
		10/8/2012	7.20		33.41
		5/20/2013	7.80		32.81
		10/14/2013	7.92		32.69
		4/14/2014	7.42		33.19
		10/13/2014	7.30		33.31
		6/26/2015	7.55		33.06
		10/12/2015	7.97		32.64
		5/26/2016	6.98		33.63
		10/10/2016	8.00		32.61
		10/9/2017	7.22	40.72	33.50
		10/8/2018	6.41		34.31
		10/8/2019	6.48		34.24
		10/12/2020	6.90		33.82
		10/11/2021	6.72		34.00
T-18B	B1	11/13/2012	6.22	38.78	32.56
		5/21/2013	5.93		32.85
		10/14/2013	6.28		32.50
		10/13/2014	6.34		32.44
		10/12/2015	7.13		31.65
		10/10/2016	6.48		32.30
		10/9/2017	5.29	41.41	36.12
		10/8/2018	4.73		36.68
		10/8/2019	4.10		37.31
		10/12/2020	5.10		36.31
		10/11/2021	5.43		35.98
T-19B	B1	11/13/2012	7.35	38.72	31.37
		5/21/2013	6.78		31.94
		10/14/2013	7.20		31.52
		10/13/2014	7.38		31.34
		10/12/2015	8.14		30.58
		10/10/2016	6.59		32.13
		10/9/2017	5.54	41.37	35.83
		10/8/2018	5.33		36.04
		10/8/2019	4.52	41.38	36.86
		10/12/2020	5.24		36.14
		10/11/2021	5.38		36.00
T-20B	B1	10/9/2017	5.26	40.65	35.39
		10/8/2018	4.70		35.95

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-20B continued	B1 continued	10/8/2019	4.82	40.65	35.83
		10/12/2020	4.93		35.72
		10/11/2021	5.12		35.53
T-21B	B1	10/9/2017	7.19	41.53	34.34
		10/8/2018	6.71		34.82
		10/8/2019	6.78		34.75
		10/12/2020	6.85		34.68
		10/11/2021	7.10		34.43
T-22B	B1	10/9/2017	6.63	39.13	32.50
		10/8/2018	5.88		33.25
		10/8/2019	5.93		33.20
		10/12/2020	6.23		32.90
		10/11/2021	6.48		32.65
T-23B	B1	10/9/2017	6.82	39.28	32.46
		10/8/2018	6.10		33.18
		10/8/2019	6.22		33.06
		10/12/2020	6.40		32.88
		10/11/2021	6.70		32.58
T-24B	B1	10/9/2017	7.64	39.19	31.55
		10/8/2018	7.03		32.16
		10/8/2019	7.08		32.11
		10/12/2020	7.64		31.55
		10/11/2021	7.81		31.38
T-25Bs	B1	12/14/2018	5.89	39.12	33.23
		10/8/2019	6.11		33.01
		10/12/2020	6.38		32.74
		10/11/2021	6.64		32.48
T-25Bd	B1	12/14/2018	6.32	38.79	32.47
		10/8/2019	6.84		31.95
		10/12/2020	7.24		31.55
		10/11/2021	7.41		31.38
T-2C	B2	7/24/1986	29.65	39.40	9.75
		10/29/1987	25.15		14.25
		11/30/1987	35.18		4.22
		2/24/1988	34.71		4.69
		4/12/1988	NM		NA
		7/26/1988	35.70		3.70
		10/25/1988	36.86		2.54
		1/10/1989	NM	39.37	NA
		4/3/1989	38.92		0.45
		9/14/1989	44.24		-4.87
		10/10/1989	33.84		5.53
		1/8/1990	31.47		7.90
		4/6/1990	40.29		-0.92
		8/3/1990	50.84		-11.47
		11/13/1990	40.05		-0.68
		1/8/1991	29.47		9.90
		4/9/1991	31.69		7.68
		7/12/1991	36.12		3.25
		10/7/1991	47.67		-8.30
		1/6/1992	47.25		-7.88
		4/6/1992	42.57		-3.20
		7/6/1992	46.92		-7.55
		10/5/1992	42.87		-3.50
		1/5/1993	39.84		-0.47
		4/5/1993	37.88		1.49
		7/6/1993	40.11		-0.74
		10/15/1993	38.82		0.55
		1/11/1994	44.54		-5.17
		4/4/1994	40.30		-0.93
		7/6/1994	35.63		3.74
		10/5/1994	31.41		7.96
		1/10/1995	34.94		4.43
		4/5/1995	18.21		21.16
		7/5/1995	35.45		3.92
		10/9/1995	31.59		7.78
		7/10/1996	31.00		8.37
		10/1/1996	31.00		8.37
		4/1/1997	33.65		5.72
		10/1/1997	29.50	39.51	10.01
		4/1/1998	19.25		20.26
		10/5/1998	15.45		24.06

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-2C	B2	4/5/1999	31.50	39.51	8.01
continued	continued	10/4/1999	25.18		14.33
		10/2/2000	18.40		21.11
		10/1/2001	17.50		22.01
		10/14/2002	13.91	38.68	24.77
		10/9/2003	11.66		27.02
		10/4/2004	11.01		27.67
		10/10/2005	7.53		31.15
		10/16/2006	6.83		31.85
		10/8/2007	6.39	41.38	34.99
		10/13/2008	11.58		29.80
		10/12/2009	10.56		30.82
		10/11/2010	9.69		31.69
		10/10/2011	8.36		33.02
		10/8/2012	8.75		32.63
		10/14/2013	8.98		32.40
		4/14/2014	8.62		32.76
		9/24/2014	7.50		33.88
		10/14/2014	8.71		32.67
Per USEPA approval, well T-2C was destroyed.					
T-9C	B3	1/15/1986	7.20	36.68	29.48
		4/21/1986	10.50		26.18
		5/13/1986	9.83		26.85
		7/24/1986	11.21		25.47
		10/2/1987	17.16		19.52
		11/30/1987	18.33		18.35
		2/24/1988	17.76		18.92
		4/12/1988	19.35		17.33
		7/26/1988	18.85		17.83
		10/25/1988	20.32		16.36
		1/10/1989	21.29	36.67	15.38
		4/3/1989	22.11		14.56
		8/23/1989	22.74		13.93
		10/10/1989	21.99		14.68
		1/8/1990	22.51		14.16
		4/6/1990	23.09		13.58
		8/3/1990	23.39		13.28
		11/13/1990	23.97		12.70
		1/8/1991	23.58		13.09
		4/9/1991	23.16		13.51
		7/12/1991	23.60		13.07
		10/7/1991	25.07		11.60
		1/6/1992	23.55		13.12
		4/6/1992	21.37		15.30
		7/6/1992	21.73		14.94
		10/5/1992	19.03		17.64
		1/5/1993	22.95		13.72
		4/5/1993	22.00		14.67
		7/6/1993	23.42		13.25
		10/15/1993	23.70		12.97
		1/11/1994	24.99		11.68
		4/4/1994	23.61		13.06
		7/6/1994	22.57		14.10
		10/5/1994	18.96		17.71
		1/10/1995	20.94		15.73
		4/5/1995	18.23		18.44
		7/5/1995	20.42		16.25
		10/9/1995	18.43		18.24
		7/10/1996	20.37		16.30
		10/1/1996	22.10		14.57
		4/1/1997	15.69	36.57	20.88
		10/1/1997	17.15	36.11	18.96
		4/1/1998	13.16		22.95
		10/5/1998	14.83		21.28
		4/5/1999	18.44		17.67
		10/4/1999	12.70		23.41
		10/2/2000	17.64		18.47
		10/1/2001	15.28		20.83
		10/14/2002	12.98		23.13
		10/9/2003	11.41		24.70
		10/4/2004	10.45		25.66
		10/10/2005	7.88		28.23

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-9C continued	B3 continued	10/16/2006	6.78	36.11	29.33
		10/8/2007	6.13	38.81	32.68
		10/13/2008	11.13		27.68
		10/12/2009	9.74		29.07
		10/11/2010	9.40		29.41
		10/10/2011	7.99		30.82
		10/8/2012	8.33		30.48
		10/14/2013	8.54		30.27
		10/13/2014	8.21		30.60
		10/12/2015	9.22		29.59
		10/10/2016	8.20		30.61
		10/9/2017	6.74	38.82	32.08
		10/8/2018	5.90		32.92
		10/8/2019	6.20		32.62
		10/12/2020	6.93		31.89
		10/11/2021	7.32		31.50
T-10C	B2	7/24/1986	11.73	37.51	25.78
		10/2/1987	18.55		18.96
		11/30/1987	19.36		18.15
		2/24/1988	18.77		18.74
		4/12/1988	20.65		16.86
		7/26/1988	20.12		17.39
		10/25/1988	22.05		15.46
		1/10/1989	23.02	37.50	14.48
		4/3/1989	23.73		13.77
		9/14/1989	24.12		13.38
		10/10/1989	23.23		14.27
		1/8/1990	23.84		13.66
		4/6/1990	24.89		12.61
		8/3/1990	25.22		12.28
		11/13/1990	26.41		11.09
		1/8/1991	25.88		11.62
		4/9/1991	25.66		11.84
		7/12/1991	26.24		11.26
		10/7/1991	27.91		9.59
		1/6/1992	26.42		11.08
		4/6/1992	24.30		13.20
		7/6/1992	24.26		13.24
		10/5/1992	20.87		16.63
		1/5/1993	23.85		13.65
		4/5/1993	25.46		12.04
		7/6/1993	27.00		10.50
		10/15/1993	26.97		10.53
		1/11/1994	28.65		8.85
		4/4/1994	27.26		10.24
		7/6/1994	26.20		11.30
		10/5/1994	21.24		16.26
		1/10/1995	25.02		12.48
		4/5/1995	21.76		15.74
		7/5/1995	24.49		13.01
		10/9/1995	19.80		17.70
		7/10/1996	24.20		13.30
		10/1/1996	25.72		11.78
		4/1/1997	20.63	37.66	17.03
		10/1/1997	19.91	37.06	17.15
		4/1/1998	15.66		21.40
		10/5/1998	17.39		19.67
		4/5/1999	22.70		14.36
		10/4/1999	13.59		23.47
		10/2/2000	21.20		15.86
		10/1/2001	16.35		20.71
		10/14/2002	15.15		21.91
		10/9/2003	14.03		23.03
		10/4/2004	13.24		23.82
		10/10/2005	8.29		28.77
		10/16/2006	7.44		29.62
		10/8/2007	6.91	39.76	32.85
		10/13/2008	14.53		25.23
		10/12/2009	12.62		27.14
		10/11/2010	11.69		28.07
		10/10/2011	9.92		29.84
		10/8/2012	10.45		29.31

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-10C continued	B2 continued	10/14/2013	11.03	39.76	28.73
		10/13/2014	10.16		29.60
		6/26/2015	9.60		30.16
		10/12/2015	10.57		29.19
		5/26/2016	9.48	39.05	29.57
		10/10/2016	9.27		30.49
		10/9/2017	8.12		30.93
		10/8/2018	7.21	39.46	32.25
		10/8/2019	7.67		31.79
		10/12/2020	8.60		30.86
		10/11/2021	8.51		30.95
T-11C	B2	7/24/1986	10.89	36.60	25.71
		10/2/1987	17.28		19.32
		11/30/1987	18.28		18.32
		2/24/1988	17.78		18.82
		4/12/1988	19.12		17.48
		7/26/1988	18.64		17.96
		10/25/1988	19.78		16.82
		1/10/1989	20.83		15.77
		4/3/1989	21.74		14.86
		9/14/1989	22.62		13.98
		10/10/1989	21.82		14.78
		1/8/1990	22.28		14.32
		4/6/1990	NM		NA
		8/3/1990	23.03		13.57
		11/13/1990	22.30		14.30
		1/8/1991	22.84		13.76
		4/9/1991	22.30		14.30
		7/12/1991	22.91		13.69
		10/7/1991	24.19		12.41
		1/6/1992	22.71		13.89
		4/6/1992	20.38		16.22
		7/6/1992	NM		NA
		10/5/1992	18.66		17.94
		1/5/1993	22.33		14.27
		4/5/1993	20.82		15.78
		7/6/1993	22.15		14.45
		10/15/1993	22.23		14.37
		1/11/1994	23.86		12.74
		4/4/1994	22.44		14.16
		7/6/1994	21.60		15.00
		10/5/1994	18.58		18.02
		1/10/1995	19.86		16.74
		4/5/1995	17.12		19.48
		7/5/1995	19.72		16.88
		10/9/1995	17.92		18.68
		7/10/1996	19.95		16.65
		10/1/1996	21.46		15.14
		4/1/1997	17.55	36.49	18.94
		10/1/1997	16.81	35.95	19.14
		4/1/1998	13.18		22.77
		10/5/1998	14.34		21.61
		4/5/1999	17.92		18.03
		10/4/1999	12.94		23.01
		10/2/2000	16.96		18.99
		10/1/2001	14.33		21.62
		10/14/2002	12.87		23.08
		10/9/2003	11.18		24.77
		10/4/2004	10.30		25.65
		10/10/2005	7.49		28.46
		10/16/2006	6.77		29.18
		10/8/2007	6.34	38.65	32.31
		10/13/2008	10.83		27.82
		10/12/2009	9.41		29.24
		10/11/2010	9.31		29.34
		10/10/2011	7.95		30.70
		10/8/2012	8.25		30.40
		10/14/2013	8.45		30.20
		10/13/2014	8.03		30.62
		10/12/2015	9.07		29.58
		10/10/2016	7.78		30.87
		10/9/2017	6.61	38.78	32.17

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-11C continued	B2 continued	10/8/2018	5.88	38.78	32.90
		10/8/2019	6.01	38.77	32.76
		10/12/2020	6.75		32.02
		10/11/2021	8.13		30.64
T-12C	B2	9/14/1989	24.42	38.62	14.20
		1/8/1990	23.48		15.14
		4/6/1990	24.48		14.14
		8/3/1990	24.23		14.39
		11/13/1990	23.47		15.15
		1/8/1991	23.97		14.65
		4/9/1991	23.82		14.80
		7/12/1991	24.12		14.50
		10/7/1991	25.31		13.31
		1/6/1992	23.65		14.97
		4/6/1992	21.11		17.51
		7/6/1992	21.69		16.93
		10/5/1992	20.15		18.47
		1/5/1993	22.46		16.16
		4/5/1993	21.41		17.21
		7/6/1993	22.08		16.54
		10/15/1993	22.40		16.22
		1/11/1994	24.12		14.50
		4/4/1994	22.63		15.99
		7/6/1994	21.71		16.91
		10/5/1994	18.91		19.71
		1/10/1995	20.17		18.45
		4/5/1995	16.14		22.48
		7/5/1995	19.81		18.81
		10/9/1995	18.00		20.62
		7/10/1996	19.90		18.72
		10/1/1996	21.61		17.01
		4/1/1997	17.60	38.56	20.96
		10/1/1997	16.84	38.04	21.20
		4/1/1998	13.45		24.59
		10/5/1998	14.12		23.92
		4/5/1999	17.66		20.38
		10/4/1999	13.77		24.27
		10/2/2000	16.23		21.81
		10/1/2001	14.35		23.69
		10/14/2002	12.39		25.65
		10/9/2003	10.11		27.93
		10/4/2004	9.42		28.62
		10/10/2005	6.92		31.12
		10/16/2006	6.24		31.80
		10/8/2007	5.91	40.74	34.83
		10/13/2008	9.70		31.04
		10/12/2009	8.83		31.91
		10/11/2010	8.36		32.38
		10/10/2011	7.16		33.58
		10/8/2012	7.43		33.31
		10/14/2013	7.68		33.06
		10/13/2014	7.54		33.20
		10/12/2015	8.57		32.17
		10/10/2016	7.31		33.43
		10/9/2017	5.99	40.84	34.85
		10/8/2018	5.19		35.65
		10/8/2019	5.28		35.56
		10/12/2020	6.00		34.84
		10/11/2021	6.34		34.50
36-DD	B2	1/15/1986	8.10	39.37	31.27
		3/12/1986	6.53		32.84
		3/14/1986	6.56		32.81
		4/21/1986	8.10		31.27
		5/13/1986	8.11		31.26
		7/24/1986	8.23		31.14
		10/2/1987	10.21		29.16
		11/30/1987	11.08		28.29
		2/24/1988	10.94		28.43
		4/12/1988	11.52		27.85
		7/26/1988	11.79		27.58
		10/25/1988	12.36		27.01
		1/10/1989	12.82	39.20	26.38

Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
36-DD	B2	4/3/1989	13.18	39.20	26.02
continued	continued	8/23/1989	14.14		25.06
		10/10/1989	13.25		25.95
		1/8/1990	14.06		25.14
		4/6/1990	14.75		24.45
		8/3/1990	14.30		24.90
		10/9/1990	14.46		24.74
		1/8/1991	16.12		23.08
		4/9/1991	14.69		24.51
		7/12/1991	15.59		23.61
		10/7/1991	15.80		23.40
		1/6/1992	15.03		24.17
		4/6/1992	10.95		28.25
		7/6/1992	13.40		25.80
		10/5/1992	12.50		26.70
		1/5/1993	13.19		26.01
		4/5/1993	10.88		28.32
		7/6/1993	11.47		27.73
		10/15/1993	12.46		26.74
		1/11/1994	12.83		26.37
		4/4/1994	12.58		26.62
		7/6/1994	12.80		26.40
		10/5/1994	10.75		28.45
		1/10/1995	8.69		30.51
		4/5/1995	8.46		30.74
		7/5/1995	10.08		29.12
		10/9/1995	9.52		29.68
		7/10/1996	10.19		29.01
		10/1/1996	10.56		28.64
		4/1/1997	8.89		30.31
		10/1/1997	9.62	38.74	29.12
		4/1/1998	7.87		30.87
		10/5/1998	8.75		29.99
		4/5/1999	8.72		30.02
		10/4/1999	8.75		29.99
		10/2/2000	9.40		29.34
		10/1/2001	8.91		29.83
		10/14/2002	8.64		30.10
		10/9/2003	7.03		31.71
		10/4/2004	7.07		31.67
		10/10/2005	5.92		32.82
		10/16/2006	5.76		32.98
		10/8/2007	5.45	41.58	36.13
		10/13/2008	6.76		34.82
		10/12/2009	6.85		34.73
		10/11/2010	6.55		35.03
		10/10/2011	5.72		35.86
		10/8/2012	5.91		35.67
		10/14/2013	6.05		35.53
		10/13/2014	6.20		35.38
		10/12/2015	7.11		34.47
		10/10/2016	6.51		35.07
		10/9/2017	5.22	41.52	36.30
		10/8/2018	4.74		36.78
		10/8/2019	4.81		36.71
		10/12/2020	4.72		36.80
		10/11/2021	5.41		36.11
T-8D	B4	1/15/1986	7.50	38.29	30.79
		4/23/1986	8.10		30.19
		5/13/1986	8.03		30.26
		7/24/1986	9.34		28.95
		10/2/1987	14.55		23.74
		11/30/1987	14.48		23.81
		2/24/1988	13.46		24.83
		4/12/1988	14.27		24.02
		7/26/1988	15.03		23.26
		10/25/1988	17.18		21.11
		1/10/1989	17.15	38.28	21.13
		4/3/1989	18.27		20.01
		9/14/1989	14.97		23.31
		10/10/1989	18.26		20.02
		1/8/1990	18.57		19.71

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Well Number	Zone	Date Measured	Depth to Water (feet BTOC)	Top of Casing Elevation (feet, MSL)	Water-Level Elevation (feet, MSL)
T-8D	B4	4/6/1990	17.85	38.28	20.43
continued	continued	7/5/1990	17.97		20.31
		10/9/1990	16.78		21.50
		1/8/1991	17.53		20.75
		4/9/1991	16.07		22.21
		7/9/1991	17.15		21.13
		10/7/1991	17.83		20.45
		1/6/1992	16.94		21.34
		4/6/1992	14.25		24.03
		7/6/1992	15.02		23.26
		10/5/1992	12.97		25.31
		1/5/1993	17.02		21.26
		4/5/1993	14.35		23.93
		7/6/1993	14.32		23.96
		10/15/1993	16.87		21.41
		1/11/1994	15.31		22.97
		4/4/1994	14.42		23.86
		7/6/1994	14.54		23.74
		10/5/1994	12.40		25.88
		1/10/1995	12.06		26.22
		4/5/1995	9.88		28.40
		7/5/1995	11.26		27.02
		10/9/1995	10.69		27.59
		7/10/1996	10.49		27.79
		10/1/1996	11.31		26.97
		4/1/1997	7.11	38.19	31.08
		10/1/1997	7.83	37.65	29.82
		4/1/1998	3.83		33.82
		10/5/1998	5.32		32.33
		4/5/1999	5.43		32.22
		10/4/1999	4.75		32.90
		10/2/2000	8.17		29.48
		10/1/2001	5.90		31.75
		10/14/2002	5.89		31.76
		10/9/2003	NM		NA
		10/4/2004	3.77		33.88
		10/10/2005	1.54		36.11
		10/16/2006	1.10		36.55
		10/8/2007	0.45	40.35	39.90
		10/13/2008	3.20		37.15
		10/12/2009	4.01		36.34
		10/11/2010	3.14		37.21
		10/10/2011	1.49		38.86
		10/8/2012	1.81		38.54
		10/14/2013	2.57		37.78
		10/13/2014	3.54		36.81
		10/12/2015	4.70		35.65
		10/10/2016	2.96		37.39
		10/9/2017	1.63	40.46	38.83
		10/8/2018	0.02		40.44
		10/8/2019	0.40		40.06
		10/12/2020	1.42		39.04
		10/11/2021	2.63		37.83

Notes:

Wells resurveyed as needed after work that changes top of casing elevation.

Elevations in NGVD29 prior to 2007. From 2007, elevations in NAVD88.

MSL Mean Sea Level — North American Vertical Datum 1988

NM Well not measured due to inaccessibility. — National Goeodetic Vertical Datum 1929

NA Not Applicable

\+ = Measurements taken by Advanced Micro Devices, Inc. (AMD).

* = Data from October 2010 groundwater sampling event used

Appendix D – Historical Groundwater Analytical Results

Appendix D1 - Historical Groundwater Volatile Organic Compound Results
Former TRW Microwave Site
825 Stewart Drive, Sunnyvale, California

Well/Sample Number	Duplicate Collected	Sample Dates	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN	BEN	EBN	TOL	XYL
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-1A		Aug-83	ND<1.0	660	--	--	--	ND	4	ND<1.0	ND<1.0	--	--	--	ND<1.0		ND	--	--	--	--	--
		Sep-83	7	1,000	--	--	--	--	5	ND	ND<1.0	--	--	--	ND		--	--	--	--	--	--
		Sep-83	3	540	--	--	510	--	3	ND	ND<1.0	--	--	--	ND		--	--	--	--	--	--
		Mar-84	--	680	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--
		Aug-84	5	950	--	--	360	ND	7	ND	ND	--	--	--	ND		ND	--	--	--	--	--
		Nov-84	4	930	--	--	--	--	5	--	--	--	--	--	--		--	--	--	--	--	--
		Oct-85	10	640	--	--	--	ND<5.0	30	ND<5.0	ND<5.0	--	--	--	ND<5.0		ND<5.0	--	--	--	--	--
		Jan-86	ND<5.0	630	--	--	490	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--		ND<5.0	--	--	--	--	--
		Apr-86	ND<2.0	340	--	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	ND<2.0		ND<2.0	--	--	--	--	--
		Jul-86	ND<1.0	140	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	ND<1.0		ND<1.0	--	--	--	--	--
		Sep-86	ND<2.0	420	--	--	--	ND<2.0	5	ND<2.0	ND<2.0	--	--	--	ND<2.0		ND<2.0	--	--	--	--	--
		Jan-87	ND<10	140	--	--	--	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10		ND<10	--	--	--	--	--
		Apr-87	ND<2.5	160	--	--	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--	ND<2.5		ND<2.5	--	--	--	--	--
		Jun-87	ND<1.0	190	--	--	--	ND<1.0	7.0	ND<1.0	ND<1.0	--	--	--	ND<1.0		ND<1.0	--	--	--	--	--
		Oct-87	ND<2.5	160	--	--	--	ND<2.5	8.6	ND<2.5	ND<2.5	--	--	--	ND<2.5		ND<2.5	--	--	--	--	--
		Jan-88	ND<1.0	200	--	--	--	ND<1.0	3.1	ND<1.0	1.5	--	--	--	9.1		ND<1.0	--	--	--	--	--
		Jun-88	ND<0.5	56	--	--	--	ND<0.5	1.5	ND<0.5	ND<0.5	--	--	--	10		ND<0.5	--	--	--	--	--
		Aug-88	ND<1.0	60	--	--	67	ND<1.0	0.9	ND<1.0	ND<1.0	--	--	--	ND<1.0		ND<1.0	--	--	--	--	--
		Nov-88	ND<0.5	88	--	--	--	ND<0.5	0.5	ND<0.5	2.7	--	--	--	ND<0.5		ND<0.5	--	--	--	--	--
		Feb-89	ND<0.5	86	--	--	--	ND<0.5	ND<0.5	ND<0.5	1.3	--	--	--	ND<0.5		ND<0.5	--	--	--	--	--
		Aug-89	ND<0.5	87	--	--	--	ND<0.5	ND<0.5	ND<0.5	0.9	--	--	--	ND<0.5		ND<0.5	--	--	--	--	--
		Oct-89	ND<0.5	90	--	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<0.5		ND<0.5	--	--	--	--	--
		Apr-90	ND<0.5	110	--	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<5.0	120	--	--	--	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-94	ND<5.0	74	--	--	ND<5	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	ND<1.0	61	--	--	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	48	3.6	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<1.0	51	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<2.0	ND	--	--	--	--
		Oct-98	ND<1.0	42	2.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-99	ND<1.0	34	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-00	ND<2.0	34	--	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND<2.0	ND	ND<2.0	ND<2.0	--	--	--	--
		Oct-01	ND<0.5	28	--	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-02	ND<0.5	35	--	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
Per RWQCB approval, well T-1A was abandoned in February 2004.																						
T-2A		Aug-83	86,000	6,100,000	--	--	ND<5.0	ND<5.0	130	ND<5.0	ND<5.0	--	--	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Sep-83	4,000	730,000	--	--	2,000	--	ND	ND	ND	--	--	--	ND	ND	--	--	--	--	--	--
		Sep-83	7,000	890,000	--	--	3,000	--	ND	ND	ND	--	--	--	ND	ND	--	--	--	--	--	--
		Mar-84	--	13,000	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Aug-84	8,600	190,000	--	--	21,000	300	ND	600	ND	--	--	--	ND	ND	ND	--	--	--	--	--
		Nov-84	5,400	520,000	--	--	17,000	--	ND<500	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Oct-85	4,600	12,000	--	--	15,000	ND<50	ND<50	ND<50	ND<50	--	--	--	ND<50	ND	ND<50	--	--	--	--	--
		Mar-86	ND<100	9,800	--	--	2,500	ND<100	ND<100	ND<100	ND<100	--	--	--	--	ND	ND<100	--	--	--	--	--
		Apr-86	3,700	15,000	--	--	13,000	650	ND<100	ND<100	ND<100	--	--	--	--	ND	ND<100	--	--	--	--	--
		Apr-86	1,700	10,000	--	--	30,000	740	ND<100	ND<100	ND<100	--	--	--	ND<100	ND	ND<100	--	--	--	--	--
		Jul-86	980	6,400	--	--	5,400	540	ND<50	ND<50	ND<50	--	--	--	ND<50	ND	650	--	--	--	--	--
		Jan-87	380	2,900	--	--	5,500	ND<50	ND<50	ND<50	ND<50	--	--	--	ND<50	ND	610	--	--	--	--	--
		Oct-87	190	980	--	--	330	40	7.5	ND<5.0	ND<5.0	--	--	--	ND<5.0	ND	46	--	--	--	--	--
		Jun-88	610	4,000	--	--	4,200	4,600	ND<50	ND<50	ND<50	--	--	--	ND<50	ND	ND<50	--	--	--	--	--
		Jun-88	530	3,200	--	--	3,100	4,000	1.6	15	1.4	--	--	--	ND<5.0	ND	32	--	--	--	--	--
		Aug-88	250	1,400	--	--	5,700	11,000	ND<100	ND<100	ND<100	--	--	--	ND<100	ND	ND<100	--	--	--	--	--
		Nov-88	260	1,300	--	--	4,200	18,000	ND<100	ND<100	ND<100	--	--	--	ND<100	ND	ND<100	--	--	--	--	--
		Nov-88	ND<10	1,300	--	--	3,800	3,600	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Feb-89	220	620	--	--	240	ND<10	ND<10	ND<10	ND<10	--	--	--	380	ND	ND<10	--	--	--	--	--
		May-89	140	470	--	--	500	340	ND<5.0	ND<5.0	ND<5.0	--	--	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Aug-89	41	2,300	--	--	30	ND<10	ND<10	ND<10	ND<10	--	--	--	18	ND	ND<10	--	--	--	--	--
		Oct-89	84	230	--	--	23	220	ND<1.0	3	ND<1.0	--	--	--	ND<1.0	ND	79	--	--	--	--	--
		Apr-90	40	160	--	--	12	7.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Jul-90	40	100	--	--	40	3.3	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	3.4	ND	--	--	--	--
		Apr-91	12	120	--	--	50	ND<1	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Jan-92	0.8	42	--	--	6.1	4.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-92	30	4,400	--	--	410	120	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Oct-92	10	640	--	--	650	80	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	2.1	ND	--	--	--	--
		Apr-93	18	1,300	--	--	1,710	14	ND<0.5	13	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	16	5,800	--	--	4,732	300	ND<5.0	49	ND<5.0	ND	ND	ND	ND<5.0	ND	23	ND	--	--	--	--
		Feb-94	6.3	1,900	--	--	2,723	260	ND<0.5	32	1.1	ND	ND	ND	1.9	ND	9.6	ND	--	--	--	--
		Apr-94	3.9	1,600	--	--	2,216	120	ND<0.5	21	ND<0.5	ND	ND	ND	ND<0.5	ND	2.2	ND	--	--	--	--
		Oct-94	ND<25	320	--	--	530	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Apr-95	18	280	--	--	300	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	14	190	--	--	140	13	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Oct-96	3.3	71	97	1.0	--	9.5	ND<0.5	0.6	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-97	37	330	250	4.4	--	3.1	ND<1.7	2.1	ND<1.7	ND	ND	ND	1.8	ND	ND<1.7	ND	--	--	--	--
		Oct-97	71	470	320	ND<25	--	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<50	ND<50	--	--	--	--
		Apr-98	20	440	150	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<40	ND	ND<10	ND<25	--	--	--	--
		Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		Apr-99	20	210	160	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND<25	--	--	--	--
		Oct-99	27	270	220	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND<10	--	--	--	--
		Oct-00	ND<20	160	520	ND<20	--	330	ND<20	ND<20	ND<20	ND<20	ND	ND	ND<20	ND	ND<20	ND<20	--	--	--	--
		Jan-01	11	120	330	4.2	--	86	2.3	1.3	ND<1.0	ND	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Mar-01	13	110	360	5.3	--	400	1.6	1.2	ND<1.0	ND	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jun-01	1.1	5.4	57	5.2	--	620	ND<1.0	1.2	1.9	ND	4.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Aug-01	19	88	400	8.6	--	690	ND<1.0	ND<1.0	1.1	ND	ND<2.0	ND<2.0	--	ND	--	2.9	--	1.8	ND<1.0	5.4
		Oct-01	ND<50	480	230	ND<50	--	310	ND<50	ND<50	ND<50	ND<50	ND<100	ND<100	ND<100	ND<50	--	ND<50	--	ND<50	ND<50	ND<100
		Nov-01	10	140	180	6.7	--	460	ND<5.0	ND<5.0	ND<5.0	ND	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND<5.0	ND<5.0	ND<5.0	ND<10
		Jan-02	ND<13	110	210	ND<13	--	240	ND<13	ND<13	ND<13	ND	ND<25	ND<13	--	ND	20	ND<13	--	--	--	--
		Apr-02	ND<1.0	4.2	45	ND<1.0	--	76	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	76	--	ND<1.0	ND<1.0	ND<2.0
		Jul-02	ND<1.0	32	94	6.7	--	140	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	--	--	7.1	--	ND<1.0	ND<1.0	ND<2.0
		Oct-02	1.2	28	31	2	--	37	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	28	ND<1.0	ND<1.0	ND<1.0	3.9
		Jan-03	ND<1.0	16	12	1.1	--	24	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	16	--	--	--	--
		Apr-03	ND<1.0	15	7.3	ND<1.0	--	13	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	6.6	--	ND<1.0	ND<1.0	ND<2.0
		Jul-03	ND<1.0	2.5	17	ND<1.0	--	48	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	14	--	19	ND<1.0	3.8
		Oct-03	ND<5.0	6.3	66	ND<5.0	--	130	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	24	ND<5.0	ND<5.0	ND<5.0	ND<10
		Jan-04	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	9.7	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
		Apr-04	ND<1.0	4.4	59	ND<1.0	--	30	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
		Oct-04	ND<5.0	ND<5.0	200	69	--	100	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	46	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-05	ND<5.0	ND<5.0	150	100	--	49	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	30	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-05	ND<5.0	9.4	13	9.0	--	23	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	13	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-05	ND<5.0	ND<5.0	110	96	--	50	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	60	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-05	ND<5.0	ND<5.0	45	49	--	22	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	18	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	ND<5.0	220	190	--	120	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	39	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	ND<5.0	170	110	--	35	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	14	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	ND<5.0	580	270	--	140	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	41	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-07	ND<5.0	25	180	ND<5.0	--	65	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	ND<5.0	650	280	--	200	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	48	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<1	2.4	--	--	--	52	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	9.4	31	ND<1	ND<1	ND<1	ND<2
		Oct-09	ND<20	ND<20	--	--	--	1,100	ND<20	ND<20	ND<20	ND<20	ND<40	ND<20	ND<20	ND<40	ND<20	46	ND<20	ND<20	ND<20	ND<40
		Oct-10	ND<20	ND<20	8,700	75	--	5,400	ND<20	ND<20	ND<20	ND<20	ND<40	ND<20	ND<20	ND<40	23	140	ND<20	ND<20	ND<20	ND<40
		Nov-10	ND<50	ND<50	3,200	ND<50	--	2,700	ND<50	ND<50	ND<50	ND<50	ND<100	ND<50	ND<50	ND<100	57	120	--	--	--	--
		Mar-11	ND<0.50	0.68	7	2.5	--	31	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.2	57	ND<0.50	1.7	ND<0.50	4.8
		May-11	ND<0.50	0.52	3	2.3	--	5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.7	39	ND<0.50	ND<0.50	ND<0.50	ND<0.50
		Oct-11	ND<0.50	ND<0.50	12	6	--	11	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.4	74	ND<0.50	1.7	0.94	5.3
		Apr-12	ND<0.50	0.84	34	16		27	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	6.1	47	ND<0.50	1.1	0.57	1.8
		Oct-12	ND<0.50	ND<0.50	120	48		67	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	8.9	78	ND<0.50	1.9	0.53	2.6
		May-13	ND<0.50	0.53	130	35		68	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	5.8	43	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	May-18	ND<0.50	0.59	160	35		81	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	6.6	47	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	0.76	340	86		430	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	19	85	--	--	--	--
		Apr-14	ND<5.0	ND<5.0	850	57	--	670	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	20	120	ND<5.0	ND<5.0	ND<5.0	ND<10
	Dup	Apr-18	ND<5.0	ND<5.0	680	51	--	540	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	17	110	ND<5.0	ND<5.0	ND<5.0	ND<10
		Sep-14	ND<5.0	ND<5.0	190	50	--	590	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	19	150	--	--	--	--
Per USEPA approval, well T-2A was abandoned in November 2014.																						
T-3A		Aug-83	1,100	1,600	--	--	36	ND<5.0	0.2	ND<5.0	ND<5.0	--	--	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Sep-83	560	300	--	--	91	--	16	ND	ND<1.0	--	--	--	52	ND	--	--	--	--	--	--
		Sep-83	580	290	--	--	96	--	16	--	ND<1.0	--	--	--	35	ND	--	--	--	--	--	--
		Mar-84	--	240	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Aug-84	210	530	--	--	690	ND	13	ND	2	--	--	--	ND	ND	ND	--	--	--	--	--
		Nov-84	260	1,300	--	--	1,100	--	42	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Oct-85	170	3,100	--	--	3,200	ND<50	95	ND<50	ND<50	--	--	--	480	ND	ND<50	--	--	--	--	--
		Oct-85	ND<25	2,700	--	--	1,100	ND<25	ND<25	ND<25	ND<25	--	--	--	ND<25	ND	ND<25	--	--	--	--	--
		Apr-86	91	1,500	--	--	220	ND<1.0	12	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND	ND<1.0	--	--	--	--	--
		Jul-86	180	1,800	--	--	790	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Sep-86	15	560	--	--	340	ND<2.0	15	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND	ND<2.0	--	--	--	--	--
		Jan-87	ND<10	3,000	--	--	880	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Apr-87	20	920	--	--	740	ND<10	100	12	ND<10	--	--	--	86	ND	ND<10	--	--	--	--	--
		Jun-87	24	900	--	--	720	ND<10	72	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Oct-87	15	460	--	--	310	ND<2.5	16	ND<2.5	ND<2.5	--	--	--	ND<2.5	ND	ND<2.5	--	--	--	--	--
		Jan-88	0.7	4	--	--	0.8	ND<0.5	0.6	ND<0.5	ND<0.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-88	0.5	2	--	--	0.6	ND<0.1	0.2	ND<0.1	ND<0.1	--	--	--	ND<0.1	ND	ND<0.2	--	--	--	--	--
		May-88	0.4	2	--	--	0.7	ND<0.1	0.2	ND<0.1	ND<0.1	--	--	--	ND<0.1	ND	ND<0.2	--	--	--	--	--
		May-88	0.4	2	--	--	0.8	ND<0.1	0.2	ND<0.1	ND<0.1	--	--	--	ND<0.1	ND	ND<0.1	--	--	--	--	--
		Aug-88	0.5	5	--	--	1.1	ND<0.5	1.1	ND<0.5	ND<0.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Nov-88	ND<0.5	4	--	--	1.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Feb-89	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		May-89	ND<1.0	2	--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND	ND<1.0	--	--	--	--	--
		Aug-89	0.7	5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Oct-89	ND<0.5	4	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-90	ND<0.5	8.2	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-90	ND<0.5	1.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-90	ND<0.5	4.6	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-90	1.4	11	--	--	ND<0.5	ND<0.5	4.2	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-91	1.4	7.4	--	--	ND<0.5	ND<0.5	0.7	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-91	2.1	10	--	--	ND<0.5	ND<0.5	3.1	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-91	3.2	19	--	--	ND<0.5	ND<0.5	6.2	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-91	5.8	25	--	--	ND<0.5	ND<0.5	5.4	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-92	2.0	11	--	--	ND<0.5	ND<0.5	2.3	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-92	4.7	17	--	--	ND<0.5	ND<0.5	5.9	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-92	1.1	3.0	--	--	ND<0.5	ND<1.0	1.7	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<5.0	280	--	--	120	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Feb-94	3.7	130	--	--	60	ND<1.0	4.6	ND<0.5	1.2	ND	ND	ND	1.7	ND	ND<0.5	ND	--	--	--	--

Well/Sample Number	Duplicate Collected	Sample Dates	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2-DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-3A (continued)		Oct-94	ND<5.0	170	--	--	130	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	2.9	180	--	--	121.2	ND<2.0	3.1	ND<1.0	1.1	ND	ND	ND	1.9	ND	ND<1.0	ND	--	--	--	--
		Oct-96	2.0	110	52	0.6	--	ND<0.5	0.9	ND<0.5	ND<0.5	ND	ND	ND	0.8	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<5.0	180	100	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<10	ND	--	--	--	--
		Oct-98	ND<5.0	140	84	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-99	2.1	95	78	ND<2.0	--	9	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Oct-00	ND<10	140	71	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Oct-01	ND<5.0	130	48	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
		Oct-02	ND<2.0	180	17	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<8.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-03	ND<5.0	150	43	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-04	2.3	130	41	1.7	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<4.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-05	4.1	180	48	1.3	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-06	3.7	230	49	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-07	ND<5.0	210	15	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<2	140	8.0	ND<2	--	ND<2	ND<2	ND<2	ND<2	ND<2	ND<4	ND<2	ND<2	ND<4	ND<2	ND<2	ND<2	ND<2	ND<2	ND<4
		Oct-09	1.7	170	44	2.2	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	1.1	120	42	1.4	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	1.8	120	38	1.6	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<1.0	120	38	1.9	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0
		Oct-13	1.9	250	88	2.6	--	ND<1.0	ND<1.0	0.70 J	ND<1.0	--	ND<2.0	ND<1.0	0.61 J	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Apr-14	1.3	140	51	1.6	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Sep-14	1.2	130	65	1.3	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
Per USEPA approval, well T-3A was abandoned in November 2014.																						
T-6A		Mar-84	--	27	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Oct-85	ND<0.5	68.5	--	--	10	ND<0.5	12	ND<0.5	ND<0.5	--	--	--	21	ND	ND<0.5	--	--	--	--	--
		Jan-87	ND<10	52	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	37	ND	ND<10	--	--	--	--	--
		Jan-88	ND<0.5	21	--	--	1.6	ND<0.5	2.6	ND<0.5	ND<0.5	--	--	--	2.1	ND	ND<0.5	--	--	--	--	--
		May-88	ND<0.5	13	--	--	1.5	ND<0.5	2.5	ND<0.5	ND<0.5	--	--	--	2.1	ND	ND<0.5	--	--	--	--	--
		Aug-89	ND<0.5	14	--	--	0.7	ND<0.5	0.6	ND<0.5	ND<0.5	--	--	--	0.7	ND	ND<0.5	--	--	--	--	--
		Oct-90	ND<0.5	9.0	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-91	ND<0.5	7.8	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	5.6	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<0.5	6.3	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-94	ND<5.0	19	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	ND<1.0	6.5	--	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	7.6	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	0.8	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<0.5	7.4	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	0.6	ND	ND<1.0	ND	--	--	--	--
		Oct-98	ND<1.0	9.4	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-99	ND<1.0	9.4	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-00	ND<1.0	7.3	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND<1.0	ND	ND<1.0	ND<1.0	--	--	--	--
		Oct-01	ND<0.5	9.2	1.7	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-02	0.72	9.3	2.7	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-03	0.61	8.5	2.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-04	ND<0.5	14	30	0.92	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-05	ND<0.5	21	28	0.51	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
		Oct-06	ND<0.5	24	22	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
		Oct-07	ND<0.5	22	17	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	0.62	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
Per RWQCB approval, well T-6A removed from monitoring program in 2009.																						
T-7A		Aug-84	120	6,800	--	--	2,200	ND	ND	ND	ND	--	--	--	ND	ND	ND	--	--	--	--	--
		Nov-84	15	3,100	--	--	1,800	--	22	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Oct-85	28	3,800	--	--	4,200	340	87	ND<50	ND<50	--	--	--	ND<50	ND	ND<50	--	--	--	--	--
		Oct-85	ND<50	3,600	--	--	3,700	ND<50	ND<50	ND<50	ND<50	--	--	--	690	ND	ND<50	--	--	--	--	--
		Jan-86	ND<25	2,500	--	--	1,400	ND<25	ND<25	ND<25	ND<25	--	--	--	--	ND	ND<25	--	--	--	--	--
		Apr-86	ND<10	1,400	--	--	ND<10	ND<10	ND<10	1,800	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Jul-86	ND<25	3,300	--	--	1,900	ND<25	ND<25	ND<25	ND<25	--	--	--	ND<25	ND	ND<25	--	--	--	--	--
		Sep-86	ND<12	2,200	--	--	1,500	ND<12	ND<12	ND<12	ND<12	--	--	--	ND<12	ND	ND<12	--	--	--	--	--
		Jan-87	ND<10	3,000	--	--	2,500	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Apr-87	ND<25	2,800	--	--	3,500	ND<25	ND<25	59	ND<25	--	--	--	ND<25	ND	ND<25	--	--	--	--	--
		Jun-87	ND<25	3,000	--	--	3,900	ND<25	ND<25	ND<25	ND<25	--	--	--	ND<25	ND	ND<25	--	--	--	--	--
		Oct-87	ND<25	2,700	--	--	1,600	ND<25	ND<25	ND<25	ND<25	--	--	--	ND<25	ND	ND<25	--	--	--	--	--
		Jan-88	ND<50	3,200	--	--	570	ND<50	ND<50	ND<50	ND<50	--	--	--	ND<50	ND	ND<50	--	--	--	--	--
		Jun-88	ND<25	1,200	--	--	610	ND<25	ND<25	ND<25	ND<25	--	--	--	360	ND	ND<25	--	--	--	--	--
		Aug-88	ND<10	970	--	--	320	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Nov-88	ND<10	1,200	--	--	300	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Feb-89	ND<25	1,200	--	--	190	ND<25	ND<25	ND<25	ND<25	--	--	--	ND<25	ND	ND<25	--	--	--	--	--
		Feb-89	ND<25	1,100	--	--	200	ND<25	ND<25	ND<25	ND<25	--	--	--	ND<25	ND	ND<25	--	--	--	--	--
		May-89	5.7	1,300	--	--	320	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Aug-89	ND<10	1,400	--	--	340	ND<10	38	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Oct-89	ND<5.0	1,000	--	--	340	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	ND<10	ND	ND<5.0	--	--	--	--	--
		Oct-89	6	820	--	--	320	ND<2.0	5	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND	ND<2.0	--	--	--	--	--
		Jan-90	ND<10	1,300	--	--	640	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Apr-90	ND<10	1,300	--	--	760	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Jul-90	ND<20	810	--	--	20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Oct-90	ND<5.0	820	--	--	870	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Apr-91	ND<5.0	720	--	--	640	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Jul-91	10	720	--	--	720	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	14	ND	ND<5.0	ND	--	--	--	--
		Jan-92	ND<10	1,200	--	--	980	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Apr-92	5.0	980	--	--	425	ND<0.5	3	1	2	ND	ND	ND	1	ND	ND<0.5	ND	--	--	--	--
		Oct-92	2.4	670	--	--	222	ND<1.0	2	ND<0.5	1	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<5.0	480	--	--	90	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-94	450	1,700	--	--	3,300	ND<250	ND<250	ND<250	ND<250	ND	ND	ND	ND<250	ND	ND<250	ND	--	--	--	--
		Nov-94	ND<25	410	--	--	100	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Oct-95	ND<5.0	400	--	--	47	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	5.9	ND	ND<5.0	ND	--	--	--	--
		Oct-96	1.8	260	32	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	1.5	ND	ND<1.0	ND	--	--	--	--
		Oct-97	ND<10	270	33	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<20	ND<50	--	--	--	--
		Oct-98	ND<5.0	200	18	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND<25	--	--	--	--
		Oct-99	ND<2.0	130	21	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND<2.0	--	--	--	--
	Dup	Oct-99	ND<2.0	140	20	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Oct-00	ND<10	120	87	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Jun-01	1.6	220	76	1.4	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	1.2	ND<2.0
		Oct-01	ND<5.0	260	71	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
		Jan-02	ND<10	290	120	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND<20	ND<10	ND<10	ND	ND<10	ND<10	--	--	--	--
		Apr-02	ND<10	350	160	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND<20	ND<10	ND<10	ND	ND<10	ND<10	--	--	--	--
		Oct-02	ND<5.0	510	190	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Apr-03	ND<1.0	430	210	2.6	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03 (1)	ND<5.0	480	268	8.7	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Apr-04	2.0	340	170	4.4	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0
		Oct-04	ND<2.0	370	110	4.6	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<8.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-05	ND<2.0	340	130	3.3	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
		Apr-06	ND<5.0	360	180	9.9	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-06	ND<5.0	450	140	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<4.0	330	85	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<8.0	ND<4.0	ND<4.0	ND<8.0	ND<4.0	ND<4.0	--	--	--	--
	Dup	Oct-18	ND<2.0	320	76	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
		Jan-07	--	430	120	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		May-07	ND<5.0	290	100	ND<5.0	--	--	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	5.4	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	370	80	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
	Dup	Oct-07	ND<5.0	380	81	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<4	370	79	4.2	--	ND<4	ND<4	ND<4	ND<4	ND<4	ND<8	ND<4	ND<4	ND<8	ND<4	ND<4	ND<4	ND<4	ND<4	ND<8
	Dup	Oct-18	ND<4	330	75	ND<4	--	ND<4	ND<4	ND<4	ND<4	ND<4	ND<8	ND<4	ND<4	ND<8	ND<4	ND<4	ND<4	ND<4	ND<4	ND<8
		Oct-09	1.6	180	52	2.4	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Oct-18	1.6	180	54	1.9	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<5.0	220	56	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
	Dup	Oct-18	ND<5.0	190	51	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-11	0.67	140	180	2.1	--	1.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Oct-18	ND<2.5	140	170	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-12	ND<2.5	56/63	230	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-13	1.6 J	240	77	1.7 J	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5		ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
	Dup	Oct-18	1.7 J	250	81	1.8 J	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5		ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Oct-14	ND<2.5	230	75	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
	Dup	Oct-18	ND<2.5	170	64	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Jun-15	1	220	83	2	--	ND<0.50	ND<0.50	1	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	Oct-18	ND<5.0	190	90	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-15	ND<2.5	170	79	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		May-16	ND<2.5	140	81	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
	Dup	Oct-18	ND<2.5	170	100	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Oct-16	ND<2.5	190	80	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Oct-17	ND<2.5	160	84	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
	Dup	Oct-17	ND<2.5	160	82	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Oct-18	1.4	140	81	1.3	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.5	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	Oct-18	1.5	150	82	1.3	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.6	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	1.5	170	120	2.0	--	ND<0.50	ND<0.50	0.73	0.28 J	ND<0.50	ND<0.50	ND<1.0	2.6	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	Oct-19	1.5	170	120	1.9	--	ND<0.50	ND<0.50	0.74	0.28 J	ND<0.50	ND<0.50	ND<1.0	2.6	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	0.66 J	110	100	1.4	--	ND<1.0	ND<1.0	0.42 J	0.22 J	ND<1.0	ND<2.0	ND<2.0	2.4	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
	Dup	Oct-20	0.80 J	130	110	1.4	--	ND<1.0	ND<1.0	0.49 J	0.26 J	ND<1.0	ND<2.0	ND<2.0	3.1	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-21	1.0	95	39	1.1	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.2	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
	Dup	Oct-21	1.0	94	38	1.1	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.2	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
T-8A		Aug-84	130	2,800	--	--	2,100	ND	ND	ND	ND	--	--	--	ND	ND	ND	--	--	--	--	--
		Nov-84	37	2,200	--	--	1,300	--	9.8	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Oct-85	44	2,200	--	--	2,400	ND<25	77	ND<25	ND<25	--	--	--	320	ND	ND<25	--	--	--	--	--
		Apr-86	20	1,100	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	800	--	--	--	--	--
		Jul-86	ND<10	1,400	--	--	650	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Jan-87	23	1,200	--	--	540	ND<5.0	24	ND<5.0	ND<5.0	--	--	--	ND<5.0	ND	53	--	--	--	--	--
		Jul-87	ND<10	1,700	--	--	1,000	ND<10	25	ND<10	ND<10	--	--	--	12	ND	ND<10	--	--	--	--	--
		Oct-87	9.8	690	--	--	350	ND<5.0	17	ND<5.0	ND<5.0	--	--	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Oct-87	ND<0.5	830	--	--	290	ND<1.0	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<1.0	ND	--	--	--	--	--	--
		Jan-88	23	570	--	--	330	ND<5.0	18	ND<5.0	ND<5.0	--	--	--	27	ND	ND<5.0	--	--	--	--	--
		Aug-88	9.0	370	--	--	180	ND<5.0	10	ND<5.0	ND<5.0	--	--	--	25	ND	ND<5.0	--	--	--	--	--
		Nov-88	7	260	--	--	ND<2.0	ND<2.0	7	ND<2.0	ND<2.0	--	--	--	4	ND	9	--	--	--	--	--
		Feb-89	ND<10	200	--	--	24	ND<10	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Aug-89	14	340	--	--	62	ND<1.0	10	4	1	--	--	--	5	ND	ND<1.0	--	--	--	--	--
		Oct-89	7	250	--	--	65	2	7	2	ND<1.0	--	--	--	3	ND	8	--	--	--	--	--
		Feb-90	2.6	76	--	--	20	ND<0.5	1	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-90	3.0	99	--	--	28	ND<0.5	1	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-90	ND<2.0	120	--	--	30	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Oct-90	2.8	100	--	--	50	ND<0.5	4	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-91	1.0	100	--	--	58	ND<1.0	1	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Apr-91	ND<2.0	160	--	--	63	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--

Well/Sample Number	Duplicate Collected	Sample Dates	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN	BEN	EBN	TOL	XYL
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-8A (continued)		Jul-91	4.6	110	--	--	49	ND<0.5	2	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-92	8.0	400	--	--	140	ND<2.0	19	ND<2.0	ND<2.0	ND	ND	ND	21	ND	ND<2.0	ND	--	--	--	--
		Oct-92	7.3	260	--	--	ND<50	2	4	ND<0.5	ND<0.5	ND	ND	ND	--	ND	1	ND	--	--	--	--
		Apr-93	2.6	160	--	--	110	ND<5.0	4	ND<2.5	ND<2.5	ND	ND	ND	ND<2.5	ND	ND<2.5	ND	--	--	--	--
		Oct-93	ND<5.0	250	--	--	200	ND<10	7	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Apr-94	4.9	280	--	--	221	ND<0.5	8	3	ND<0.5	ND	ND	ND	3	ND	1	ND	--	--	--	--
		Oct-94	ND<25	300	--	--	330	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Apr-95	ND<5.0	230	--	--	200	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	4.4	260	--	--	222.5	ND<4.0	4.9	2.1	ND<2.0	ND	ND	ND	4	ND	ND<2.0	ND	--	--	--	--
		Apr-96	4.0	230	--	--	180	ND<2.5	3	ND<2.5	ND<2.5	ND	ND	ND	ND<2.5	ND	ND<2.5	ND	--	--	--	--
		Oct-96	2.4	160	160	3.7	--	ND<0.5	2.3	0.8	1.1	ND	ND	ND	1.5	ND	2.2	ND	--	--	--	--
		Apr-97	3.8	200	160	12	--	ND<1.0	2.9	ND<1.0	1.3	ND	ND	ND	2.7	ND	2.2	ND	--	--	--	--
		Oct-97	ND<10	210	170	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<20	ND<10	--	--	--	--
		Apr-98	ND<5.0	170	110	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<20	ND	ND<5.0	ND<5.0	--	--	--	--
		Oct-98	3.0	110	120	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND<2.0	--	--	--	--
		Apr-99	ND<10	110	72	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Oct-99	2.6	130	77	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND<2.0	--	--	--	--
		Oct-00	ND<10	150	64	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
	Dup	Oct-00	ND<10	140	62	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Jun-01	2.6	150	64	1.4	--	ND<2.0	1.6	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	2.2	ND<2.0
		Aug-01	5.9	180	72	1.4	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-01	2.8	190	68	1.4	--	ND<2.0	1.5	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Nov-01	ND<5.0	140	62	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND	--	ND<5.0	--	ND<5.0	ND<5.0	ND<10
		Jan-02	2.0	170	62	1.5	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	6.8	2.7
		Mar-02	2.4	140	41	1.3	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jul-02	ND<1.0	120	44	ND<1.0	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-02	2.4	130	54	1.4	--	14	1.2	2.8	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	1.3	ND<1.0	1.2	ND<2.0
		Jan-03	3.3	140	49	1.2	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	--	ND<1.0	--	--	--	--
		Mar-03	1.9	150	45	ND<1.0	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jul-03	2.0	150	41	1.2	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03	ND<5.0	140	48	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Jan-04	ND<5.0	110	33	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Apr-04	3.2	120	45	2.5	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0
		Jul-04	ND<5.0	150	50	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-04	2.8	130	39	2.3	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<4.0	ND<1.0	ND<1.0	--	--	--	--
		Apr-05	ND<5.0	140	44	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-05	ND<5.0	170	58	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-05	ND<5.0	200	130	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	63	44	ND<5.0	--	5.8	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	86	83	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-06	ND<5.0	210	94	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	57	34	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-07	8.2	180	81	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-07	ND<5.0	170	63	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	59	71	ND<5.0	--	36.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	0.76	84	28	1.1	--	4.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1
		Feb-09	ND<0.50	21	23	1.4	--	9.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-09	0.54	36	33	3.2	--	21	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-10	ND<0.50	43	26	2.1	--	3.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	0.99	87	65	2.8	--	4.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	1.6	140	69	2.1	--	1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-12	1.1	110	67	1.1	--	0.88	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<2.5	160	82	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		May-13	1.5	110	58	2.8	--	0.71	ND<0.50	0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	2.0	110	57	3.6	--	0.91	0.25 J	0.69	0.46 J		ND<1.0	ND<0.50	0.56	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Apr-14	ND<2.5	130	63	2.8	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-14	1.7	110	56	2.6	--	ND<0.50	ND<0.50	0.55	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Jun-15	0.66	67	81	1.8	--	5.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	0.82	62	100	1.7	--	2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		May-16	ND<0.50	19	110	1.6	--	3.1	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	0.58	56	90	1.8	--	2.4	ND<0.50	0.6	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0 *F1	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	0.6	45	110	1.7	--	6.0	ND<0.50	0.54	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	0.67	75	85	1.3	--	2.9	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	0.66	44	69	1.1	--	3.0	ND<0.50	0.36 J	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	0.81	70	63	1.5	--	0.85	ND<0.50	0.30 J	0.24 J	ND<0.50	ND<1.0	ND<1.0	0.22 J	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-21	0.98	78	21	1.6	--	0.39 J	ND<0.50	0.27 J	0.24 J	ND<0.50	ND<1.0	ND<1.0	0.81	ND<1.0	0.30 J	ND<0.50	--	--	--	--
T-9A		Aug-84	280	2,000	--	--	7,900	3,500	ND	47	ND	--	--	--	ND	ND	ND	--	--	--	--	--
		Nov-84	31	1,800	--	--	4,200	--	12	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Oct-85	320	5,600	--	--	ND<50	ND<50	60	ND<50	ND<50	--	--	--	1,200	ND	ND<50	--	--	--	--	--
		Mar-86	120	1,100	--	--	2,500	710	ND<10	ND<10	ND<10	--	--	--	--	ND	ND<10	--	--	--	--	--
		Mar-86	ND<10	1,700	--	--	2,100	ND<10	ND<10	ND<10	ND<10	--	--	--	--	ND	ND<10	--	--	--	--	--
		Mar-86	ND<10	2,500	--	--	2,000	ND<10	ND<10	ND<10	ND<10	--	--	--	--	ND	ND<10	--	--	--	--	--
		Apr-86	ND<10	1,100	--	--	1,600	780	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	ND<10	--	--	--	--	--
		Jul-86	21	1,100	--	--	1,200	540	ND<10	ND<10	ND<10	--	--	--	ND<10	ND	82	--	--	--	--	--
		Jul-87	ND<10	1,000	--	--	1,400	390	13	ND<10	ND<10	--	--	--	18	ND	36	--	--	--	--	--
		Oct-87	44	770	--	--	430	220	22	ND<5.0	ND<5.0	--	--	--	55	ND	ND<5.0	--	--	--	--	--
		Jan-88	ND<25	1,700	--	--	1,400	230	ND<25	ND<25	ND<25	--	--	--	ND<25	ND	ND<25	--	--	--	--	--
		May-88	25	1,000	--	--	710	170	26	13	ND<5.0	--	--	--	24	ND	63	--	--	--	--	--
		Oct-89	69	820	--	--	770	200	14	3	ND<2.0	--	--	--	ND<2.0	ND	110	--	--	--	--	--
		Feb-90	ND<50	2,800	--	--	200	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Apr-90	30	2,600	--	--	1,500	120	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Jul-90	45	1,100	--	--	880	64	8.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	11	ND	--	--	--	--
		Oct-90	20	1,400	--	--	930	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Jan-91	30	1,700	--	--	700	ND<10	10	10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Apr-91	20	1,000	--	--	940	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	22	ND	--	--	--	--
		Jul-91	26	720	--	--	580	ND<5.0	17	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Jan-92	22	850	--	--	770	ND<5.0	24	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Apr-92	16	740	--	--	380	ND<5.0	18	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-92	13	470	--	--	233	8.7	9.3	5.8	3.2	ND	ND	ND	--	ND	21	ND	--	--	--	--
		Apr-93	8.0	420	--	--	240	30	8.0	ND<5.0	ND<5.0	ND	ND	ND	5.0	ND	16	ND	--	--	--	--
		Oct-93	7.0	330	--	--	320	ND<10	8.0	ND<5.0	ND<5.0	ND	ND	ND	8.0	ND	17	ND	--	--	--	--
		Apr-94	9.2	270	--	--	263	6.7	12	9.1	2.3	ND	ND	ND	ND<0.5	ND	22	ND	--	--	--	--
		Oct-94	ND<25	260	--	--	160	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Apr-95	4.7	180	--	--	170	ND<6.0	3.8	ND<3.0	ND<3.0	ND	ND	ND	ND<3.0	ND	12	ND	--	--	--	--
		Oct-95	5.7	210	--	--	252.9	ND<5.0	5.4	3.2	ND<2.5	ND	ND	ND	3.5	ND	14	ND	--	--	--	--
		Apr-96	6.2	240	--	--	293	ND<2.5	5.3	2.7	ND<2.5	ND	ND	ND	ND<2.5	ND	12	ND	--	--	--	--
		Oct-96	4.2	190	270	3.5	--	ND<1.0	4.4	2.7	1.7	ND	ND	ND	2.8	ND	11	ND	--	--	--	--
		Apr-97	5.0	200	250	16	--	1.4	3.9	1.9	1.7	ND	ND	ND	3.3	ND	9.8	ND	--	--	--	--
		Oct-97	ND<10	210	290	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<20	ND<10	--	--	--	--
		Apr-98	ND<5.0	150	170	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<20	ND	ND<5.0	ND<5.0	--	--	--	--
		Oct-98	3.4	130	150	2.1	--	ND<2.0	2.6	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	6.0	ND<2.0	--	--	--	--
		Apr-99	ND<10	140	140	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Oct-99	3.5	130	100	2.2	--	ND<2.0	2.4	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND<2.0	--	--	--	--
		Oct-00	ND<10	140	110	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
	Dup	Oct-00	ND<10	140	110	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Aug-01	ND<5.0	120	110	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND<5.0	ND<5.0	ND<25	ND	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
		Oct-01	ND<5.0	110	87	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<20	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Jan-02	3.0	140	110	ND<2.5	--	11	ND<2.5	ND<2.5	ND<2.5	ND	ND<5.0	ND<2.5	ND<2.5	ND	3.9	ND<2.5	--	--	--	--
		Apr-02	3.0	130	100	ND<2.5	--	9.0	ND<2.5	ND<2.5	ND<2.5	ND	ND<5.0	ND<2.5	ND<2.5	ND	3.0	ND<2.5	--	--	--	--
		Jul-02	ND<2.5	120	95	ND<2.5	--	7.3	ND<2.5	ND<2.5	ND<2.5	ND	ND<5.0	ND<2.5	ND<2.5	ND	ND<2.5	ND<2.5	--	--	--	--
		Oct-02	ND<5.0	110	66	ND<5.0	--	8.1	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Apr-03	1.8	120	87	1.4	--	ND<2.0	1.1	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03	ND<5.0	120	81	ND<5.0	--	24	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Jan-04	ND<5.0	92	56	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Apr-04	2.9	85	81	2.3	--	7.2	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0
		Oct-04	ND<5.0	110	74	ND<5.0	--	5.3	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-05	ND<5.0	120	92	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-05	ND<5.0	7.5	320	ND<5.0	--	8.2	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-05	ND<5.0	140	90	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-05	ND<5.0	56	170	ND<5.0	--	7.3	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	56	140	ND<5.0	--	21	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	47	190	8.1	--	6.8	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-06	ND<5.0	60	130	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	100	100	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-07	ND<5.0	130	120	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		May-07	ND<5.0	98	92	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	120	130	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	1.3	50	98	2.7	--	1.2	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	3.1	ND<1	ND<1	ND<1	ND<1	ND<2
		Oct-09	1.5	66	82	3.0	--	2.0	ND<0.50	0.58	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	4.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	0.83	48	88	2.2	--	3.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	1.6	73	100	2.9	--	2.2	ND<0.50	0.55	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	0.9	50	82	3.3	--	0.91	ND<0.5	0.54	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<1.0	3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
		Oct-13	0.97	67	74	2.9	--	0.81	ND<0.50	0.44 J	0.47 J		ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.1	ND<0.50	--	--	--	--
		Oct-14	1.2	70	91	3.4	--	ND<0.50	ND<0.50	0.71	0.51	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.4	ND<0.50	--	--	--	--
		Oct-15	1	69	66	3	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3	ND<0.50	--	--	--	--
		May-16	0.88	56	81	2.6	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.6	ND<0.50	--	--	--	--
		Oct-16	1	64	78	3	--	1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3	ND<0.50	--	--	--	--
		Oct-17	0.76	48	77	2.5	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.3	ND<0.50	--	--	--	--
		Oct-18	0.90	48	75	2.1	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.3	ND<0.50	--	--	--	--
		Oct-20	0.46 J	31	91	2.0	--	ND<1.0	ND<1.0	0.36 J	0.30 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	2.0	0.25 J	--	--	--	--
		Oct-21	1.1	48	110	2.6	--	ND<0.50	ND<0.50	0.59	0.40 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	3.3	0.28 J	--	--	--	--
T-13A		Nov-05	ND<5.0	200	98	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	210	98	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	180	140	6.2	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-06	ND<5.0	200	120	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	210	99	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-07	6.2	300	120	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-07	ND<5.0	200	75	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-07	ND<5.0	180	64	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	48	260	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<25	38	ND<25	ND<25	--	ND<25	ND<25	ND<25	ND<25	ND<25	ND<50	ND<25	ND<25	ND<50	ND<25	ND<25	ND<25	ND<25	3100	ND<50
		Feb-09	ND<0.50	30	32	2.1	--	8.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.1	2.9	--	--	--	--
		Oct-09	ND<0.50	26	40	2.40	--	8.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.52	1.2	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-10	ND<0.50	57	31	1.4	--	4.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	0.52	72	51	2.2	--	6.9	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	0.84	70	66	2.8	--	10.0	ND<0.50	0.54	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-12	ND<0.50	0.74	18	1.6	--	5.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.52	ND<0.50	ND<0.50	ND<0.50	0.56	ND<1.0

Appendix D1 - Historical Groundwater Volatile Organic Compound Results
Former TRW Microwave Site
825 Stewart Drive, Sunnyvale, California

Well/Sample Number	Duplicate Collected	Sample Dates	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN	BEN	EBN	TOL	XYL
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-13A (continued)		Oct-12	ND<0.50	1.2	20	2.3	--	17	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		May-13	ND<0.50	3.1	31	4.1	--	16	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	May-18	ND<0.50	2.9	30	3.9	--	16	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	1.2	79	8.2	--	38	ND<0.50	ND<0.50	0.59		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Apr-14	ND<0.50	1.8	49	4.4	--	19	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Apr-18	ND<0.50	1.4	50	5.5	--	20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-14	ND<0.50	1.4	76	4.6	--	33	ND<0.50	ND<0.50	0.56	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	Oct-18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Jun-15	ND<0.50	1.7	80	3.3	--	23	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	Jun-18	ND<0.50	2.1	96	3.9	--	28	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	ND<0.50	23	120	4.0	--	18	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		May-16	ND<0.50	21	71	4.9	--	15	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	May-18	ND<0.50	21	71	5.0	--	15	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	14	62	2.4	--	17	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	ND<0.50	41	81	3.4	--	11	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	29	85	2.5	--	28	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	0.60	51	70	1.6	--	9.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	0.57 J	57	76	1.9	--	8.5	ND<1.0	0.32 J	0.27 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-21	0.67 J	61	29	1.6	--	2.4	ND<1.0	ND<1.0	0.24 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	0.21 J	ND<1.0	--	--	--	--
T-14A		Nov-05	ND<5.0	130	59	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	150	63	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	6.8	140	92	8	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	200	57	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-07	ND<5.0	160	58	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-07	ND<5.0	120	51	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	54	200	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<20	ND<20	45	ND<20	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND<40	ND<20	ND<20	ND<40	ND<20	ND<20	ND<20	ND<20	1300	ND<40
		Feb-09	ND<0.50	6.2	15	2.0	--	7.8	ND<0.50	ND<0.50	0.59	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.4	2.2	--	--	--	--
		Oct-09	ND<0.50	9.0	16	1.9	--	7.4	ND<0.50	ND<0.50	0.53	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.8	1.9	ND<0.50	ND<0.50	0.54	ND<1.0
		Apr-10	ND<0.50	28	37	2.2	--	9.7	ND<0.50	ND<0.50	0.51	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<0.50	36	42	2.4	--	9.0	ND<0.50	ND<0.50	0.60	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.9	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<0.50	28	38	2.8	--	6.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-12	ND<0.50	3.0	42	3.1	--	16	ND<0.50	ND<0.50	0.51	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.3	0.86	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<0.50	0.96	27	3.8	--	26	ND<0.50	ND<0.50	0.71	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		May-13	ND<0.50	4.2	33	4.4	--	25	ND<0.50	ND<0.50	0.63		ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	2.0	53	6.3	--	35	ND<0.50	0.29 J	0.78		ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.1	0.19 J	--	--	--	--
		Apr-14	ND<0.50	4.1	43	4.2	--	22	ND<0.50	ND<0.50	0.53	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-14	ND<0.50	3.6	62	5.1	--	29	ND<0.50	ND<0.50	0.70	ND<0.50	ND<1.0 *	ND<0.50 *	ND<0.50	ND<1.0	2.0	ND<0.50	--	--	--	--
		Oct-15	ND<0.50	23	56	3.9	--	34	ND<0.50	ND<0.50	0.58	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.0	ND<0.50	--	--	--	--
		May-16	ND<0.50	20	40	3.8	--	21	ND<0.50	ND<0.50	0.54	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.1	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	23	42	3.4	--	23	ND<0.50	ND<0.50	0.56	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.9	ND<0.50	--	--	--	--
		Oct-17	1	55	55	2.7	--	20	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.3	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	21	65	2.3	--	25	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.0	ND<0.50	--	--	--	--
		Oct-19	1.0	40	60	2.3	--	24	ND<0.50	ND<0.50	0.46 J	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	2.5	ND<0.50	--	--	--	--
		Oct-20	0.76	39	50	1.9	--	20	ND<0.50	0.33 J	0.40 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	1.6	ND<0.50	--	--	--	--
		Oct-21	0.65	29	49	1.9	--	27	ND<0.50	0.31 J	0.42 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	2.2	0.11 J	--	--	--	--
T-15A		Nov-05	ND<5.0	8.2	160	ND<5.0	--	37	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	ND<5.0	110	ND<5.0	--	83	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	51	140	11	--	29	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-06	ND<5.0	130	91	ND<5.0	--	8.2	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	140	66	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-07	5.2	170	87	ND<5.0	--	7.4	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		May-07	ND<5.0	140	66	ND<5.0	--	8.2	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-07	ND<5.0	130	63	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	160	75	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	1.6	140	53	2.2	--	1.5	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2
		Oct-09	ND<0.50	92	37	2.4	--	0.61	ND<0.50	0.64	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.90	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	1.3	110	48	2.2	--	0.50	ND<0.50	0.54	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.91	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	3	130	61	3.8	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Apr-12	2.2	130	58	3.2	--	ND<0.50	ND<0.50	0.64	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<2.5	130	62	3.8	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		May-13	1.8	100	50	2.7	--	ND<0.50	ND<0.50	0.61	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	2.0	100	62	2.9	--	0.46 J	0.35 J	0.70	0.49 J		ND<1.0	ND<0.50	0.36 J	ND<1.0	1.2	ND<0.50	--	--	--	--
		Apr-14	1.9	100	49	2.7	--	ND<0.50	ND<0.50	0.59	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-14	2.2	140	51	3.4	--	ND<0.50	ND<0.50	0.83	0.54	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.5	ND<0.50	--	--	--	--
		Oct-15	2.1	100	58	2.7	--	ND<0.50	ND<0.50	0.6	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.4	ND<0.50	--	--	--	--
		May-16	1.8	100	57	2.4	--	ND<0.50	ND<0.50	0.55	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.2	ND<0.50	--	--	--	--
		Oct-16	1.3	90	50	2.3	--	ND<0.50	ND<0.50	0.62	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.83	ND<0.50	--	--	--	--
		Oct-17	1.8	110	62	2.5	--	ND<0.50	ND<0.50	0.62	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.4	ND<0.50	--	--	--	--
		Oct-18	1.4	99	76	2.1	--	0.56	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.1	ND<0.50	--	--	--	--
		Oct-19	2.0	94	74	2.9	--	0.31 J	ND<0.50	0.56	0.41 J	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	1.4	ND<0.50	--	--	--	--
		Oct-20	1.5	58	67	2.3	--	ND<0.50	0.18 J	0.55	0.37 J	ND<0.50	ND<1.0	ND<1.0	0.19 J	ND<1.0	1.0	ND<0.50	--	--	--	--
		Oct-21	1.6	78	61	2.3	--	ND<1.0	ND<1.0	0.47 J	0.28 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	1.1	ND<1.0	--	--	--	--
T-16A		Nov-05	ND<5.0	24	160	ND<5.0	--	32	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	20	120	ND<5.0	--	45	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	17	160	9.5	--	26	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	80	100	ND<5.0	--	8.2	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		May-07	ND<5.0	120	71	ND<5.0	--	7.3	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	79	160	ND<5.0	--	8.8	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.1	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	0.9	63	77	2.3	--	2.6	ND<0.5	0.53	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<1	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1
		Oct-09	0.59	40	44	2.2	--	0.84	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.61	ND<0.5	0.6	ND<0.50	0.56 B	ND<1.0
		Oct-10	0.81	72	64	2.2	--	0.76	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.89	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	1.6	91	67	2.9	--	0.53	ND<0.50	0.7	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	1	68	63	3.2	--	2.1	ND<0.50	0.57	0.5	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	1.2	94	69	3.6	--	3.2	0.20 J	0.58	0.58		ND<1.0	ND<0.50	0.23 J	ND<1.0	1.4	ND<0.50	--	--	--	--
		Oct-14	1.7	97	78	3.7	--	2.5	ND<0.50	0.70	0.58	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.7	ND<0.50	--	--	--	--
		Oct-15	0.61	38	72	2.9	--	23	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1	ND<0.50	--	--	--	--
		Oct-16	1.1	52	67	2.9	--	16	ND<0.50	ND<0.50	0.5	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.2	ND<0.50	--	--	--	--
		Oct-17	1	59	72	2.5	--	3.4	ND<0.50	0.51	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.2	ND<0.50	--	--	--	--
		Oct-18	1.3	69	71	2.2	--	1.5	ND<0.50	0.51	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.3	ND<0.50	--	--	--	--
		Oct-19	1.2	57	73	2.0	--	0.70	ND<0.50	0.32 J	0.27 J	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	1.4	ND<0.50	--	--	--	--
		Oct-20	0.95	54	63	1.9	--	ND<0.50	ND<0.50	0.35 J	0.29 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	0.95	ND<0.50	--	--	--	--
		Oct-21	1.1	54	61	1.8	--	0.51 J	ND<1.0	0.31 J	0.28 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	1.4	ND<1.0	--	--	--	--
T-17A		Nov-11	1.7	110	6.6	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-12	1.3	96	5.8	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	1.3	92	4.5	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.62	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		May-13	0.80	71	14	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	1.3	86	21	0.42 J	--	ND<0.50	ND<0.50	0.25 J	0.35 J		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Apr-14	0.87	57	16	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-14	0.88	62	30	0.57	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0 *	ND<0.50 *	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Jun-15	1.4	76	16	0.51	--	0.71	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	1.1	63	12	ND<0.50	--	0.58	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		May-16	1.2	74	6.5	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	0.85	50	15	ND<0.50	--	0.94	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0 *	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	1.2	72	13	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	0.86	69	7.3	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	1.0	50	7.5	0.84	--	1.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	0.97	51	11	0.69	--	1.4	ND<0.50	ND<0.50	0.18 J	ND<0.50	ND<1.0	ND<1.0	0.42 J	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-21	0.81	40	8.2	1.6	--	6.2	ND<0.50	ND<0.50	0.18 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
T-19A		Sep-07	ND<5.0	140	55	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	53	140	ND<5.0	--	8	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<50	ND<50	ND<50	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<100	ND<50	ND<50	ND<100	ND<50	ND<50	ND<50	ND<50	3500	ND<100
		Feb-09	ND<0.50	ND<0.50	1.9	0.65	--	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.0	6.0	--	--	--	--
	Dup	Feb-18	ND<0.50	ND<0.50	2.6	0.78	--	1.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.2	6.3	--	--	--	--
		Oct-09	ND<0.50	ND<0.50	4.6	0.84	--	2.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.3	3.9	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-10	ND<0.50	0.98	1.6	ND<0.50	--	0.88	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.65	1.3	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Apr-18	ND<0.50	0.89	1.6	ND<0.50	--	0.81	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.56	1.1	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<0.50	0.89	7.7	0.72	--	10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.87	1.2	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<0.50	4.1	16	1.60	--	10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.80	1.3	ND<0.50	ND<0.50	ND<0.50	1
		Apr-12	ND<0.50	ND<0.50	2.1	1.2	--	0.92	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.60	4.3	ND<0.50	ND<0.50	0.77	ND<1.0
		Oct-12	ND<0.50	ND<0.50	9.1	1.3	--	5.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.8	3.8	ND<0.50	ND<0.50	0.8	ND<1.0
		May-13	ND<0.50	ND<0.50	3.4	0.84	--	4.3	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.98	2.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	ND<0.50	2.6	0.87	--	2.3	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.92	2.6	--	--	--	--
		Apr-14	ND<0.50	ND<0.50	3.7	1.4	--	3.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.75	1.3	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-14	ND<0.50	ND<0.50	15	1.9	--	11	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.93	1.8	--	--	--	--
		Jun-15	ND<0.50	ND<0.50	12	3.2	--	32	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.0	1.4	--	--	--	--
		Oct-15	ND<0.50	ND<0.50	13	3.0	--	33	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.1	0.75	--	--	--	--
		May-16	ND<0.50	ND<0.50	6.7	1.5	--	12	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.78	0.80	--	--	--	--
		Oct-16	ND<0.50	ND<0.50	3.7	2.6	--	15	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.87	0.52	--	--	--	--
		Oct-17	ND<0.50	ND<0.50	3.3	2.2	--	17	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.82	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	ND<0.50	11	2.1	--	26	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.1	ND<0.50	--	--	--	--
		Oct-19	ND<0.50	ND<0.50	8.7	1.6	--	25	ND<0.50	ND<0.50	0.45 J	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	0.99	ND<0.50	--	--	--	--
		Oct-20	ND<0.50	0.16 J	7.9	1.4	--	30	ND<0.50	ND<0.50	0.41 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	1.2	0.37 J	--	--	--	--
		Oct-21	ND<0.50	0.20 J	6.8	0.92	--	17	ND<0.50	ND<0.50	0.43 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	1.2	0.37 J	--	--	--	--
T-23A		Sep-07	7.7	210	21	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	130	120	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<10	16	12	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	890	ND<20
		Feb-09	ND<0.50	17	29	2.1	--	9.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.5	1.8	--	--	--	--
		Oct-09	ND<0.50	11	14	2.0	--	3.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.55	ND	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-10	ND<0.50	41	19	2.8	--	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.54	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	0.60	51	37	4.3	--	3.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.56	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	0.62	62	39	4.2	--	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-12	ND<0.50	2.0	58	2.0	--	3.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.1	0.79	ND<0.50	ND<0.50	3.5	ND<1.0
	Dup	Apr-18	ND<0.50	2.0	61	1.9	--	3.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.0	0.76	ND<0.50	ND<0.50	3.3	ND<1.0
		Oct-12	ND<0.50	36	73	2.4	--	6.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		May-13	ND<0.50	48	57	4.4	--	7.6	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	19	54	12	--	7.6	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Apr-14	ND<0.50	45	60	6.0	--	7.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-14	ND<0.50	32	51	3.3	--	6.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Jun-15	0.83	78	53	2.5	--	4.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	0.71	64	61	1.8	--	7.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		May-16	0.56	58	51	1.4	--	5.7	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	0.57	60	51	1.3	--	4.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	0.69 F1	78	55	1.3 F1	--	8.8 F1	ND<0.50 F1	ND<0.50 F1F2	ND<0.50	--	ND<1.0 F1	ND<0.50 F1	ND<0.50 F1F2	ND<1.0 F2	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	0.57	59	49	0.95	--	9.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	0.38 J	41	39	1.1	--	7.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	0.63	48	43	1.5	--	7.3	ND<0.50	0.17 J	0.19 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--

Appendix D1 - Historical Groundwater Volatile Organic Compound Results
Former TRW Microwave Site
825 Stewart Drive, Sunnyvale, California

Well/Sample Number	Duplicate Collected	Sample Dates	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2-DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-23A		Oct-21	0.69	53	16	1.1	--	6.8	ND<0.50	ND<0.50	0.19 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	0.13 J	ND<0.50	--	--	--	--
T-25A		Sep-07	5.5	160	52	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	66	160	ND<5.0	--	9.6	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	1.0	42	38	2.2	--	7.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<1	4.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1
		Feb-09	1.3	41	42	2.3	--	9.7	ND<0.50	ND<0.50	0.55	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.3	ND<0.50	--	--	--	--
		Oct-09	ND	26	17	2.0	--	3.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-10	1.0	39	34	2.3	--	6.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.5	ND<0.50	ND<1.0	2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	0.8	47	50	2.5	--	7.3	ND<0.50	ND<0.50	0.55	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	1.5	63	50	3.0	--	2.1	ND<0.50	0.51	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Apr-12	ND<0.50	1.1	19	2.7	--	7.3	ND<0.50	ND<0.50	0.52	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<0.50	0.86	10	3.5	--	12	ND<0.50	ND<0.50	0.71	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		May-13	ND<0.50	1.4	22	3.4	--	22	ND<0.50	ND<0.50	0.65	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	0.57	27	4.7	--	42	ND<0.50	ND<0.50	0.75	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.5	ND<0.50	--	--	--	--
		Apr-14	ND<0.50	0.50	32	4.0	--	35	ND<0.50	ND<0.50	0.59	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-14	ND<0.50	4.0	39	4.1	--	35	ND<0.50	ND<0.50	0.60	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.3	ND<0.50	--	--	--	--
		Jun-15	0.71	25	61	8.8	--	38	ND<0.50	ND<0.50	0.61	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.5	ND<0.50	--	--	--	--
		Oct-15	0.64	27	60	3.1	--	39	ND<0.50	ND<0.50	0.57	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.9	ND<0.50	--	--	--	--
		May-16	0.85	44	46	2.1	--	23	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.8	ND<0.50	--	--	--	--
		Oct-16	1.6	68	43	2.5	--	19	ND<0.50	ND<0.50	0.52	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2	ND<0.50	--	--	--	--
		Oct-17	1.3	57	49	2.0	--	20	ND<0.50	ND<0.50	0.51	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.8	ND<0.50	--	--	--	--
		Oct-18	1.1	51 F1	52	1.5	--	7.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.4	ND<0.50	--	--	--	--
		Oct-19	0.99	44	59	1.8	--	13	ND<0.50	ND<0.50	0.43 J	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	1.9	ND<0.50	--	--	--	--
		Oct-20	1.5	59	57	1.7	--	10	0.14 J	0.42 J	0.37 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	1.9	ND<0.50	--	--	--	--
		Oct-21	1.6	71	60	1.9	--	4.7	ND<0.50	0.48 J	0.40 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	2.0	ND<0.50	--	--	--	--
36S		Jun-82	18	710	--	--	ND<10	ND	42	ND<10	ND<10	--	--	--	19	ND	ND	--	--	--	--	--
		Aug-82	10	590	--	--	55	ND	19	ND<2.0	ND<2.0	--	--	--	2	ND	ND	--	--	--	--	--
		Apr-83	13	400	--	--	23	ND	16	ND	ND	--	--	--	12	ND	ND	--	--	--	--	--
		May-83	ND	82	--	--	ND	ND	ND	ND	ND	--	--	--	ND	ND	ND	--	--	--	--	--
		Aug-83	19	470	--	--	ND<1.0	ND	36	16	ND<1.0	--	--	--	ND<1.0	ND	ND	--	--	--	--	--
		Mar-84	--	360	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Aug-84	8	230	--	--	12	ND	23	2	ND	--	--	--	40	ND	ND	--	--	--	--	--
		Nov-84	4.7	150	--	--	8.8	--	19	--	--	--	--	--	--	ND	--	--	--	--	--	--
		Oct-85	ND<5.0	250	--	--	23	ND<5.0	65	ND<5.0	ND<5.0	--	--	--	90	ND	ND	--	--	--	--	--
		Jan-86	11	190	--	--	25	ND<2.0	42	3.4	ND<2.0	--	--	--	ND<2.0	ND	ND<2.0	--	--	--	--	--
		Apr-86	3.4	130	--	--	10	ND<0.5	36	3.5	1.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jul-86	3.3	59	--	--	7.7	ND<0.5	32	3.2	1.6	--	--	--	15	ND	ND<0.5	--	--	--	--	--
		Sep-86	5.3	200	--	--	5.75	ND<1.0	27.5	2.9	2.1	--	--	--	16.5	ND	7.95	--	--	--	--	--
		Jan-87	ND<10	140	--	--	ND<10	ND<10	34	ND<10	ND<10	--	--	--	28	ND	ND<10	--	--	--	--	--
		Apr-87	4	200	--	--	12	ND<2.5	34	6	ND<2.5	--	--	--	19	ND	ND<2.5	--	--	--	--	--
		Jun-87	ND<1.0	170	--	--	11	ND<1.0	15	1.6	ND<1.0	--	--	--	8.2	ND	ND<1.0	--	--	--	--	--
		Oct-87	3.5	160	--	--	10	ND<1.0	20	2.5	1.7	--	--	--	14	ND	ND<1.0	--	--	--	--	--
		Jan-88	5.8	170	--	--	15	ND<1.0	23	3.8	1.3	--	--	--	14	ND	ND<1.0	--	--	--	--	--
		May-88	3.9	140	--	--	26	ND<1.0	20	3.3	1.6	--	--	--	13	ND	1.8	--	--	--	--	--
		Oct-89	4	130	--	--	13	ND<0.5	5.7	0.8	ND<0.5	--	--	--	2	ND	ND<0.5	--	--	--	--	--
		Oct-92	2.1	35	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-93	ND<2.5	66	--	--	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND	ND	ND	ND<2.5	ND	ND<2.5	ND<2.5	--	--	--	--
		Oct-94	ND<5.0	19	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND<5.0	--	--	--	--
		Oct-95	ND<1.0	21	--	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND<1.0	--	--	--	--
		Oct-96	0.7	25	6.1	3.0	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-97+	ND<0.5	20	16	5.2	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-99	1.2	50	83	4.4	--	ND<1.0	1.7	ND<1.0	ND<1.0	ND	ND	ND	1.0	ND	ND<1.0	ND<1.0	--	--	--	--
		Oct-00+	1.3	83	100	5.6	--	ND<1.0	1.6	1.2	0.9	ND	ND	ND	1.8	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-01+	2.1	140	110	2.8	--	ND<0.5	2.5	1.1	1.0	ND	ND	ND	1.8	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-02+	1.8	140	70	1.9	--	ND<0.5	1.7	0.8	0.7	ND	ND	ND	1.2	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-03+	1.7	100	53	1.6	--	1.1	1.2	0.7	0.7	ND	ND	ND	ND<1.0	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-04+	1.8	91	34	1.1	--	ND<0.5	1.1	0.6	0.5	ND	ND	ND	1.9	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-05+	2.1	91	22	0.8	--	ND<1.0	1.1	0.6	ND<0.5	ND	ND	ND	0.6	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-06+	2.6	98	20	0.9	--	ND<0.5	0.9	0.6	ND<0.5	ND	ND	ND	0.8	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-07+	1.5	70	15	0.9	--	ND<0.7	ND<0.7	0.8	ND<0.7	ND	ND	ND	ND<0.7	ND	ND<0.7	ND<0.7	--	--	--	--
		Oct-08+	2.4	98	13	0.6	--	ND<0.5	0.7	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-09+	2.2	80	9.3	ND<0.5	--	ND<0.5	0.6	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-10+	2.0	75	11	0.6	--	ND<0.5	0.7	0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-11+	1.8 J	73	8	ND<0.5	--	ND<0.5	0.7	0.5	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-12+	2.0 J	1	10	ND<0.5	--	ND<0.5	0.6	0.5	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-13+	2.3	74	8.1	ND<0.5	--	ND<0.5	0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-14+	2.2	73	13	0.8	--	1.7	0.6	0.6	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-15+	2.8	71	9	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-16+	2.1	71	93	ND<0.50	--	ND<0.50	0.52	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-17+	1.5	59	9.8	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-18+	1.5	59	9.4	ND<0.50	--	0.71	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-19+	1.7	58	12	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-20+	1.2	49	9.6	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	ND<1.0	--	ND<1.0	--	--	--	--	--
		Oct-21+	1.7	56	12	0.54	--	0.58	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
36D		Aug-82	6.8	500	--	--	52	ND	19	ND<2.0	ND<2.0	--	ND	--	ND<2.0	ND	ND	--	--	--	--	--
		May-83	14	9,200	--	--	ND	ND	18	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
		Jul-83	8	650	--	--	38	ND	18	2	2	--	ND	--	ND	ND	ND	--	--	--	--	--
		Aug-83	15	600	--	--	18	--	36	13	16	--	ND	--	ND<1.0	ND	--	--	--	--	--	--
		Mar-84	--	260	--	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Aug-84	6	180	--	--	12	ND	19	2	ND	--	ND	--	30	ND	ND	--	--	--	--	--
		Nov-84	4.2	160	--	--	10	--	26	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	16	220	--	--	17	ND<5.0	77	ND<5.0	ND<5.0	--	ND	--	120	ND	ND<5.0	--	--	--	--	--
		Apr-86	3	130	--	--	12	ND<0.5	39	4.3	1.9	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jul-86	3.6	60	--	--	10	ND<0.5	43	4.8	2.3	--	ND	--	25	ND	ND<0.5	--	--	--	--	--
		Sep-86	20	170	--	--	8.6	ND<1.0	40	5.1	3.5	--	ND	--	17	ND	18	--	--	--	--	--
		Jan-87	ND<10	170	--	--	ND<10	ND<10	28	ND<10	ND<10	--	ND	--	54	ND	ND<10	--	--	--	--	--
		Apr-87	3	160	--	--	13	ND<1.0	25	4.7	1.7	--	ND	--	16	ND	18	--	--	--	--	--
		Jun-87	5.9	170	--	--	14	ND<1.0	22	2.9	1.9	--	ND	--	21	ND	24	--	--	--	--	--
		Oct-87	3.3	68	--	--	16	ND<0.5	29	3.4	2.3	--	ND	--	22	ND	14	--	--	--	--	--
		Jan-88	4.1	100	--	--	20	ND<1.0	34	3.5	1.9	--	ND	--	30	ND	9.4	--	--	--	--	--
		May-88	4.2	170	--	--	47	ND<1.0	31	5.5	2.6	--	ND	--	20	ND	11	--	--	--	--	--
		Aug-88	5	150	--	--	53	ND<1.0	30	5.6	2.8	--	ND	--	34	ND	11	--	--	--	--	--
		Nov-88	3.2	180	--	--	37	ND<1.0	14	3.5	1.6	--	ND	--	16	ND	13	--	--	--	--	--
		Feb-89	ND<5.0	180	--	--	36	ND<5.0	8	ND<5.0	ND<5.0	--	ND	--	12	ND	ND<5.0	--	--	--	--	--
		Feb-89	ND<2.0	61	--	--	21	ND<2.0	4	ND<2.0	ND<2.0	--	ND	--	ND<2.0	ND	5	--	--	--	--	--
		Feb-89	ND<2.0	51	--	--	17	ND<2.0	3	ND<2.0	ND<2.0	--	ND	--	ND<2.0	ND	3	--	--	--	--	--
		May-89	ND<2.5	ND<2.5	--	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	ND	--	ND<2.5	ND	ND<2.5	--	--	--	--	--
		Aug-89	4	200	--	--	27	ND<2.0	10	6	ND<2.0	--	ND	--	7	ND	8	--	--	--	--	--
		Oct-89	4.3	120	--	--	23	ND<0.5	9.6	2.7	0.8	--	ND	--	7.4	ND	ND<0.5	--	--	--	--	--
		Jan-90	3.0	170	--	--	26	ND<1.0	4.0	2.0	ND<1.0	ND	ND	ND	1.0	ND	4.0	ND	--	--	--	--
		Apr-90	3.0	170	--	--	18	ND<1.0	2.0	1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	4.0	ND	--	--	--	--
		Jul-90	2.7	110	--	--	31	ND<0.5	2.7	1.3	0.9	ND	ND	ND	1.3	ND	5.0	ND	--	--	--	--
		Oct-90	2.6	120	--	--	37	ND<0.5	2.7	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	2.1	ND	--	--	--	--
		Jan-91	2.0	120	--	--	39	ND<1.0	1.0	1.0	1.0	ND	ND	ND	ND<1.0	ND	3.0	ND	--	--	--	--
		Apr-91	ND<2.0	180	--	--	48	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Jul-91	2.0	130	--	--	32	ND<1.0	1.0	ND<1.0	1.0	ND	ND	ND	1.0	ND	3.0	ND	--	--	--	--
		Oct-91	2.5	120	--	--	41	ND<0.5	2.2	1.8	1.2	ND	ND	ND	0.6	ND	2.3	ND	--	--	--	--
		Jan-92	1.6	170	--	--	48	ND<1.0	2.9	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	1.6	ND	--	--	--	--
		Apr-92	4.0	180	--	--	25	ND<1.0	3.0	1.0	2.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-92	2.1	92	--	--	6.4	ND<1.0	1.0	ND<0.5	ND<0.5	ND	ND	ND	--	ND	1.6	ND	--	--	--	--
		Oct-93	ND<5.0	94	--	--	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-94	ND<5.0	66	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	ND<1.0	25	--	--	2.1	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-96	1.2	48	34	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	0.6	ND	--	--	--	--
		Oct-97+	ND<0.5	52	91	1.2	--	ND<0.5	2.1	ND<0.5	0.9	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-98+	ND<5.0	81	130	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND	ND	ND	ND<20	ND	ND<5.0	ND	--	--	--	--
		Oct-99	ND<2.0	85	120	2.7	--	ND<2.0	2.6	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Oct-00+	1.6	110	97	2.2	--	ND<1.0	1.9	1.0	0.8	ND	ND	ND	1.6	ND	0.7	ND	--	--	--	--
	Dup	Oct-00+	1.6	100	91	2.5	--	ND<1.0	1.8	1.1	0.7	ND	ND	ND	1.5	ND	0.7	ND	--	--	--	--
		Oct-01+	0.9	67	48	1.1	--	ND<0.5	1.2	0.6	ND<0.5	ND	ND	ND	1.4	ND<1.0	ND<0.5	ND	--	--	--	--
		Oct-02+	1.8	150	90	2.3	--	ND<0.5	1.7	1.2	1.0	ND	ND	ND	1.9	ND	1.1	ND	--	--	--	--
		Apr-03	ND<1.0	69	40	ND<1.0	--	8.2	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03+	1.7	110	57	1.5	--	0.9	1.3	0.9	0.8	ND	ND	ND	1.1	ND	0.8	ND	--	--	--	--
		Apr-04	ND<1.0	45	27	2.5	--	12	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0
		Oct-04+	1.6	85	46	1.7	--	2.4	1.1	0.8	0.6	ND	ND	ND	1.7	ND	0.8	ND	--	--	--	--
		Oct-05+	ND<0.5	4.6	1.5	ND<0.5	--	0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<1.0	ND	ND<0.5	ND	--	--	--	--
		Oct-06+	2.1	92	42	1.6	--	0.6	0.9	1.0	0.7	ND	ND	ND	1.2	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-07+	ND<0.5	17	6.1	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.8	ND	ND	ND<0.5	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-08+	0.7	27	5.8	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-09+	ND<0.5	19	40	1.1	--	ND<0.5	ND<0.5	0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-10+	1.4	47	34	1.2	--	ND<0.5	ND<0.5	0.7	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-11+	1.6 J	47	29	1.0	--	ND<0.5	ND<0.5	0.6	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-12+	0.7 J	29	34	1.2	--	ND<0.5	ND<0.5	0.7	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-13+	1.3	38	28	0.8	--	ND<0.5	ND<0.5	0.6	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-14+	1.8	56	23	0.9	--	ND<0.5	ND<0.5	0.6	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-15+	1.6	40	12	0.6	--	ND<0.5	ND<0.5	0.6	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-16+	ND<0.50	2.7	0.84	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-17+	ND<0.50	4.2	2.2	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-18+	ND<0.50	6.1	2.2	0.57	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-19+	1.4	43	13	1.1	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-20+	0.78	28	21	2.00	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-21+	ND<0.50	5.4	58	3.5	--	0.78	ND<0.50	ND<0.50	0.60	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
37S		Jul-82	ND<5.0	210	--	--	ND<5.0	ND	ND<5.0	ND<5.0	ND<5.0	--	ND	--	ND<5.0	ND	ND	--	--	--	--	--
		Jun-82	ND<10	2,600	--	--	ND<10	ND	ND<10	ND<10	ND<10	--	--	ND	370	ND	ND	--	--	--	--	--
		Aug-82	9	1,400	--	--	27	ND	13	ND<2.0	ND<2.0	--	--	ND	78	ND	ND	--	--	--	--	--
		Apr-83	10	330	--	--	77	ND	ND	ND	ND	--	--	ND	120	ND	ND	--	--	--	--	--
		May-83	ND	270	--	--	17	ND	ND	ND	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
		Aug-83	34	41,000	--	--	4,600	5	13	2.0	1.6	--	--	ND	ND<1.0	ND	ND	--	--	--	--	--
		Sep-83	37	4,200	--	--	290	--	4	ND	ND	--	--	ND	190	ND	--	--	--	--	--	--
		Sep-83	47	3,500	--	--	240	--	5	ND	ND	--	--	ND	14	ND	--	--	--	--	--	--
		Mar-84	--	1,400	--	--	--	--	--	--	--	--	--	ND	--	ND	--	--	--	--	--	--
		Aug-84	8	760	--	--	52	ND	4	ND	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
		Nov-84	6.6	1,300	--	--	32	--	3.2	--	--	--	--	ND	--	ND	--	--	--	--	--	--
		Jan-87	ND<5.0	600	--	--	25	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	ND	52	ND	ND<5.0	--	--	--	--	--
		Jan-88	ND<10	1,100	--	--	34	ND<10	ND<10	ND<10	ND<10	--	--	ND	95	ND	ND<10	--	--	--	--	--
		Jun-88	ND<1.0	150	--	--	170	ND<1.0	5.8	ND<1.0	ND<1.0	--	--	ND	ND<1.0	ND	ND<1.0	--	--	--	--	--
		Oct-93	ND<5.0	400	--	--	8.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-94	ND<5.0	330	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--

Well/Sample Number	Duplicate Collected	Sample Dates	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN	BEN	EBN	TOL	XYL
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
37S (continued)		Oct-95	ND<1.0	380	--	--	7.1	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	3.8	ND	ND<1.0	ND	--	--	--	--
		Oct-96	1.2	270	6.3	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	2.0	ND	ND<1.0	ND	--	--	--	--
		Oct-97+	ND<2.5	260	12	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND	ND	ND	ND<2.5	ND	ND<2.5	ND	--	--	--	--
		Oct-99	ND<5.0	180	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-00+	1.2	200	9.7	ND<0.5	--	1.8	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	2.1	ND	ND<0.5	ND	--	--	--	--
		Oct-01	ND<5.0	140	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<20	ND	ND<5.0	ND	--	--	--	--
		Oct-02+	0.9	170	3.7	ND<0.7	--	ND<0.7	ND<0.7	ND<0.7	ND<0.7	ND	ND	ND	ND<1.4	ND	ND<0.7	ND	--	--	--	--
		Oct-03+	1.3	160	2.9	ND<0.6	--	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND	ND	ND	ND<1.3	ND	ND<0.6	ND	--	--	--	--
		Oct-04+	1.2	11	3.3	ND<0.7	--	ND<0.7	ND<0.7	ND<0.7	ND<0.7	ND	ND	ND	1.9	ND	ND<0.7	ND	--	--	--	--
		Oct-05+	1.0	91	5.2	ND<0.7	--	ND<0.7	ND<0.7	ND<0.7	ND<0.7	ND	ND	ND	ND<1.4	ND	ND<0.7	ND	--	--	--	--
		Oct-07+	1.0	81	2.4	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	1.8	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-08+	1.1	81	3.6	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-09+	1.4	91	2.2	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-10+	0.9	60	3.7	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-11+	0.8 J	63	2.3	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-12+	0.8 J	63	2.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-13+	1.0	95	1.6	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-14+	0.8	83	2.7	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-15+	0.9	49	3.8	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<5.0	--	--	--	--	--
		Oct-16+	0.6	43	4.1	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	0.66	--	ND<0.50	--	--	--	--	--
		Oct-17+	5.9	420	43	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	6.7	--	ND<5.0	--	--	--	--	--
		Oct-18+	ND<0.50	33	4.6	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-19+	0.59	37	7.0	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	0.55	--	ND<0.50	--	--	--	--	--
		Oct-20+	0.58	35	4.2	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	0.55	--	ND<0.50	--	--	--	--	--
		Oct-21+	0.54	40	11	ND<0.50	--	0.76	ND<0.50	ND<0.50	ND<0.50	--	--	--	0.62	--	ND<0.50	--	--	--	--	--
38-S		Jun-82	ND<10	1,250	--	--	ND<10	ND	ND<10	ND<10	ND<10	--	ND	--	103	ND	ND	--	--	--	--	--
		Aug-82	76	40,000	--	--	3100	3	6.4	2	2.6	--	ND	--	ND<1.0	ND	ND	--	--	--	--	--
		Aug-82	17	2,200	--	--	300	ND	ND<2.0	ND<2.0	ND<2.0	--	ND	--	35	ND	ND	--	--	--	--	--
		May-83	23	2,000	--	--	350	ND	ND	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
		Sep-83	59	2,700	--	--	970	ND	ND<2.0	ND<4.0	1	--	ND	--	140	ND	ND	--	--	--	--	--
		Sep-83	72	6,300	--	--	1700	ND	ND<2.0	4	3	--	ND	--	120	ND	ND	--	--	--	--	--
		Mar-84	--	3,500	--	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Aug-84	28	1,400	--	--	1100	ND	5	3	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
		Nov-84	28	3,200	--	--	510	--	20	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	45	3,700	--	--	410	ND<25	33	ND<25	ND<25	--	ND	--	590	ND	ND<25	--	--	--	--	--
		Jul-86	ND<5.0	2,800	--	--	200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND	--	250	ND	ND<5.0	--	--	--	--	--
		Sep-86	ND<25	4,600	--	--	120	ND<25	ND<25	ND<25	ND<25	--	ND	--	150	ND	ND<25	--	--	--	--	--
		Jan-87	ND<10	2,500	--	--	220	ND<10	ND<10	ND<10	ND<10	--	ND	--	180	ND	ND<10	--	--	--	--	--
		Apr-87	26	2,700	--	--	420	ND<10	74	ND<10	ND<10	--	ND	--	91	ND	ND<10	--	--	--	--	--
		Jun-87	260	2,200	--	--	910	ND<10	13	ND<10	ND<10	--	ND	--	83	ND	ND<10	--	--	--	--	--
		Oct-87	ND<25	2,400	--	--	270	ND<25	ND<25	ND<25	ND<25	--	ND	--	100	ND	ND<25	--	--	--	--	--
		Jan-88	ND<50	2,900	--	--	240	ND<50	ND<50	ND<50	ND<50	--	ND	--	ND<50	ND	ND<50	--	--	--	--	--
		May-88	ND<25	3,400	--	--	240	ND<25	ND<25	ND<25	ND<25	--	ND	--	95	ND	ND<25	--	--	--	--	--
		Oct-94	ND<5.0	910	--	--	190	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	ND<10	1,100	--	--	180	ND<20	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Oct-96	ND<1.7	440	540	4.0	--	ND<1.7	ND<1.7	2.7	ND<1.7	ND	ND	ND	2.9	ND	ND<1.7	ND	--	--	--	--
		Oct-97+	ND<5.0	160	520	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-99	ND<5.0	270	240	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-00	ND<20	240	240	ND<20	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--	--
		Oct-01	ND<5.0	170	120	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<20	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Oct-02	2.6	240	200	6.3	--	8.6	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	3.5	ND<8.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-03	ND<1.0	51	110	1.2	--	21	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<4.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-04	ND<5.0	190	190	ND<5.0	--	6.9	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Oct-05	2.0	140	68	1.5	--	14	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-06	1.5	130	33	ND<1.0	--	5.8	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-07	1.3	85	50	0.82	--	16	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	0.61	ND<1.0	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND<1.0
		Oct-08	0.65	50	82	2.4	--	30	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	1.0	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1
		Oct-09	1.5	150	120	2.8	--	6.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.1	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	1.3	150	130	1.8	--	5.7	ND<0.50	0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.5	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<2.5	130	140	ND<2.5	--	6.7	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Apr-12	ND<0.50	32	120	1.4	--	11	ND<0.50	0.60	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.80	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	0.84	91	200	2.5	--	11	ND<0.50	0.84	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.8	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		May-13	ND<2.5	60	180	ND<2.5	--	7.2	ND<2.5	ND<2.5	ND<2.5	ND<0.50	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-13	0.93	96	150	1.7	--	7.4	ND<0.50	0.70	0.36 J	ND<0.50	ND<1.0	ND<0.50	1.4	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-14	ND<0.50	45	200	2.3	--	12	ND<0.50	0.9	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.3	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	1.0	83	98	0.98	--	4.9	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	0.6	50	77	0.94	--	3.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.58	ND<1.0 *	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	ND<0.50	61	170	1.5	--	6.7	ND<0.50	0.62	ND<0.50	--	ND<1.0	ND<0.50	1.4	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	39	63	ND<0.50	--	2.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	0.75	33	13	ND<0.50	--	0.79	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	0.99	54	50	0.47 J	--	0.93	ND<0.50	0.18 J	0.15 J	ND<0.50	ND<1.0	ND<1.0	0.64	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-21	0.78 J	58	88	0.70 J	--	1.3	ND<1.0	0.28 J	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.0	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
EDUCTOR-11		Oct-85	13000	32,000	--	--	63,000	ND<250	ND<250	ND<250	ND<250	--	ND	--	ND<250	ND	ND<250	--	--	--	--	--
		Apr-86	4200	24,000	--	--	14,000	530	ND<100	ND<100	ND<100	--	ND	--	ND<100	ND	9,200	--	--	--	--	--
		Jul-86	2700	75,000	--	--	28,000	2,000	ND<250	ND<250	ND<250	--	ND	--	ND<250	ND	7,700	--	--	--	--	--
		Jan-87	2,700	230,000	--	--	12,000	ND<500	ND<500	ND<500	ND<500	--	ND	--	ND<500	ND	6,700	--	--	--	--	--
		Oct-87	3,400	8,400	--	--	8,800	ND<1,000	ND<1,000	ND<1,000	ND<1,000	--	ND	--	ND<1,000	ND	ND<1,000	--	--	--	--	--
		Dec-87	130	62	--	--	320	ND<50	ND<50	ND<50	ND<50	--	ND	--	ND<50	ND	ND<50	--	--	--	--	--
		Feb-89	3.6	62	--	--	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		May-89	51	970	--	--	120	ND<10	ND<10	ND<10	ND<10	--	ND	--	ND<10	ND	ND<10	--	--	--	--	--
		Oct-89	3.3	60	--	--	2.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	3.3	--	--	--	--	--
		Jan-90	ND<2.0	240	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Apr-90	ND<0.5	12	--	--	ND<0.5	ND<0.5	1.2	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-90	3.0	53	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-93	1,200	26,000	--	--	1,103	3.5	1.9	2.2	ND<0.5	ND	ND	ND	--	ND	15	ND	--	--	--	--
		Aug-93	730	29,000	--	--	470	ND<100	ND<50	ND<50	ND<50	ND	ND	ND	ND<100	ND	ND<50	ND	--	--	--	--
		Oct-93	730	100,000	--	--	630	ND<100	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Feb-94	520	28,000	--	--	150	1.0	1.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	10	ND	--	--	--	--
		Apr-94	810	63,000	--	--	370	49	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-94	260	12,000	--	--	370	ND<250	ND<250	ND<250	ND<250	ND	ND	ND	ND<250	ND	ND<250	ND	--	--	--	--
		Apr-95	ND<200	13,000	--	--	690	ND<400	ND<200	200	200	ND	ND	ND	ND<200	ND	ND<200	ND	--	--	--	--
		Oct-95	670	46,000	--	--	1,100	ND<500	ND<250	ND<250	ND<250	ND	ND	ND	ND<250	ND	380	ND	--	--	--	--
		Apr-96	440	23,000	--	--	1,106	100	ND<5.0	6.7	ND<5.0	ND	ND	ND	ND<5.0	ND	370	ND	--	--	--	--
		Oct-96	140	9,800	1,100	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Apr-97	120	6,700	450	ND<31	--	ND<31	ND<31	ND<31	ND<31	ND	ND	ND	ND<31	ND	ND<31	ND	--	--	--	--
		Oct-97	ND<500	16,000	ND<500	ND<500	--	ND<500	ND<500	ND<500	ND<500	ND	ND	ND	ND<500	ND	ND<1000	ND<500	--	--	--	--
		Apr-98	520	20,000	810	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	ND<400	ND	ND<100	ND<100	--	--	--	--
		Oct-98	ND<500	17,000	740	ND<500	--	ND<500	ND<500	ND<500	ND<500	ND	ND	ND	ND<500	ND	ND<500	ND<500	--	--	--	--
		Apr-99	ND<1,000	11,000	ND<1,000	ND<1,000	--	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND	ND	ND	ND<1,000	ND	ND<1,000	ND<1,000	--	--	--	--
		Oct-99	470	13,000	650	ND<250	--	ND<250	ND<250	ND<250	ND<250	ND	ND	ND	ND<250	ND	ND<250	ND<250	--	--	--	--
		Oct-00	ND<400	8,400	680	ND<400	--	ND<400	ND<400	ND<400	ND<400	ND<400	ND	ND	ND<400	ND	ND<400	ND<400	--	--	--	--
		Mar-01	19	310	14,000	110	--	1,500	12	2.0	35	--	ND<2.0	ND<2.0	--	ND	--	20	--	13	ND<1.0	179
		Jun-01	7.9	230	15,000	140	--	6,100	15	66	3.3	--	5.6	ND<2.0	--	ND	--	72	--	63	3.8	97
		Aug-01	140	5,100	7,700	44	--	710	1.2	43	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	39	--	36	ND<1.0	100
		Oct-01	1,200	53,000	18,000	ND<1,000	--	ND<2,000	ND<1,000	ND<1,000	ND<1,000	--	ND<2,000	ND<2,000	--	ND<1,000	--	ND<1,000	--	ND<1,000	ND<1,000	ND<2,000
		Nov-01	150	5,000	5,600	48	--	750	ND<5.0	8.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND	--	11	ND<5.0	42	ND<5.0	169
		Jan-02	1,400	80,000	17,000	110	--	1,200	ND<50	ND<50	ND<50	--	ND<50	ND<50	--	ND	--	400	--	ND<50	ND<50	1,170
		Mar-02	170	3,800	8,000	ND<50	--	540	ND<50	--	ND<50	--	ND<50	ND<50	--	ND	--	ND<50	--	ND<50	ND<50	ND<100
		Jul-02	62	2,600	6,400	30	--	2,400	ND<1.0	19	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	13	--	ND<50	ND<50	ND<100
		Oct-02	120	17,000	20,000	38	--	21,000	ND<1.0	32	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	40	2.9	62	4.0	249
		Jan-03	21	670	9,400	34	--	5,700	7.2	27	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	60	--	--	--	--
	Dup	Jan-18	32	1,200	9,600	28	--	5,600	2.9	24	1.3	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	62	--	--	--	--
		Apr-03	ND<1.0	11	570	12	--	4,500	ND<1.0	1.2	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	130	--	35	1.9	63
	Dup	Apr-18	ND<1.0	7.6	790	12	--	5,500	1.4	1.8	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	110	--	46	1.8	56
		Jul-03	870	15,000	3,800	210	--	24,000	ND<1.0	120	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	97	--	460	5.9	1,020
	Dup	Jul-18	880	32,000	4,000	200	--	27,000	ND<1.0	120	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	98	--	490	7.2	1,030
		Oct-03	14	75	34	9.6	--	560	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	340	ND<5.0	32	ND<5.0	113
	Dup	Oct-18	20	110	53	12	--	550	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	300	ND<5.0	39	ND<5.0	144
		Jan-04	ND<10	ND<10	ND<10	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	ND<10	ND<10	--	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<20
		Apr-04	ND<1.0	ND<1.0	ND<1.0	7	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
		Oct-04	ND<5.0	ND<5.0	ND<5.0	9.3	--	28	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	1,200	ND<5.0	120	ND<5.0	380
		Jan-05	ND<0.5	ND<0.5	4,700	180	--	4,400	ND<5.0	9.3	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	1,900	ND<5.0	200	ND<5.0	650
		Apr-05	23	490	19,000	160	--	33,000	ND<5.0	57	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	2,900	ND<5.0	340	8.7	1,180
	Dup	Apr-18	23	430	19,000	160	--	35,000	ND<5.0	66	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	2,800	ND<5.0	330	9.6	1,180
		Jul-05	82	2,200	27,000	150	--	15,000	ND<5.0	130	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	3,600	ND<5.0	ND<500	11	1,200
	Dup	Jul-05-	92	2,100	27,000	180	--	14,000	ND<5.0	140	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	3,500	ND<5.0	ND<500	11	1,100
		Sep-05	ND<250	ND<250	27,000	ND<250	--	18,000	ND<250	ND<250	ND<250	ND<250	ND<250	ND<500	ND<250	ND<250	420	2,900	--	--	--	--
		Oct-05	ND<250	ND<250	3,600	ND<250	--	3,900	ND<250	ND<250	ND<250	--	ND<250	ND<250	--	ND<250	--	1,000	ND<250	ND<250	ND<250	ND<750
		Jan-06	150	4,800	2,300	30	--	12,000	ND<5.0	12	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	3,000	ND<5.0	ND<500	9.9	ND<1500
		Apr-06	ND<5.0	ND<5.0	20,000	ND<500	--	8,500	ND<5.0	37	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	1,500	ND<5.0	160	5.7	200
		Oct-06	ND<100	ND<100	25,000	ND<100	--	9,800	ND<100	ND<100	ND<100	--	ND<100	ND<100	--	ND<100	--	2,200	ND<100	290	ND<100	880
		Apr-07	ND<5.0	5.1	29,000	200	--	28,000	ND<5.0	57	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	14	ND<5.0	ND<200	9.2	960
		Oct-07	55	3,500	8,300	120	--	15,000	ND<5.0	30	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	4,200	ND<5.0	ND<500	13	1,300
		Oct-08	ND<2000	100,000	23,000	ND<2000	--	28,000	ND<2000	ND<2000	ND<2000	ND<2000	ND<4000	ND<2000	ND<2000	ND<4000	3100	5200	ND<2000	ND<2000	ND<2000	ND<4000
		Oct-09	ND<200	ND<200	34,000	ND<200	--	9,300	ND<200	ND<200	ND<200	ND<200	ND<400	ND<200	ND<200	ND<400	1,600	840	ND<200	230	ND<200	ND<400
		Oct-10	ND<200	2,100	78,000	ND<200	--	67,000	ND<200	ND<200	ND<200	ND<200	ND<400	ND<200	ND<200	ND<400	1,900	6900	ND<200	ND<200	ND<200	ND<400
		Nov-10	ND<500	670	29,000	ND<500	--	2,700	ND<500	ND<500	ND<500	ND<500	ND<1,000	ND<500	ND<500	ND<1,000	1,300	660	--	--	--	--
		Mar-11	ND<500	1,100	94,000	ND<500	--	5,900	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500
		May-11	ND<500	3,600	100,000	ND<500	--	11,000	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	1,500	ND<500	ND<500	ND<500	ND<500	ND<500
		Oct-11	ND<50	54	8,000	ND<50	--	1,100	ND<50	ND<50	ND<50	ND<50	ND<100	ND<50	ND<50	ND<100	ND<50	ND<50	ND<50	ND<50	ND<50	ND<100
		Apr-12	ND<50	620	93,000	74	--	6,400	ND<50	110	ND<50	ND<50	ND<100	ND<50	ND<50	ND<100	880	190	ND<50	120	ND<50	430
		Oct-12	ND<1,000	1,200	83,000	ND<1,000	--	5,200	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<2,000	2,400	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<2,000
		May-13	ND<1000	1,000	37,000	ND<1,000	--	2,900	ND<1000	ND<1000	ND<1000	--	ND<2000	ND<1000	ND<1000	ND<2000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	ND<2000
		Oct-13	ND<500	ND<500	29,000	ND<500	--	1,800	ND<500	ND<500	ND<500	--	ND<1000	ND<500	ND<500	ND<1000	ND<500	ND<500	--	--	--	--
		Apr-14	ND<500	ND<500	20,000	ND<500	--	1,600	ND<500	ND<500	ND<500	ND<500	ND<1000	ND<500	ND<500	ND<1000	ND<500	ND<500	ND<500	ND<500	ND<500	ND<1000
		Sep-14	ND<500	ND<500	43,000	ND<500	--	2,900	ND<500	ND<500	ND<500	ND<500	ND<1000	ND<500	ND<500	ND<1000	530	ND<500	--	--	--	--
Per USEPA approval, the Eductor was abandoned in November 2014.																						
EDUCTOR-15		Oct-13	ND<1,000	8,800	160,000	ND<1,000		ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<2,000	1,800	ND<1,000	--	--	--	--
		Apr-14	ND<1,000	ND<1,000	50,000	ND<1,000		2,400	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<2000
		Sep-14	ND<1,000	ND<1,000	120,000	ND<1,000		5,700	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<2,000	1,400	1,600	--	--	--	--
T-1B		Aug-83	ND<1.0	ND<1.0	--	--	ND<1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND	--	ND<1.0	ND	ND<1.0	--	--	--	--	--
		Mar-84	--	ND<.5	--	--	--	--	--	--	--	--	ND	--	--	ND	ND	--	--	--	--	--
		Aug-84	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
		Nov-84	ND<0.5	ND<0.5	--	--	--	--	ND<0.5	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	--	ND	ND<0.5	--	--	--	--	--
		Apr-86	ND<0.5	1	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--

ED_013761_00000432-00132

Well/Sample Number	Duplicate Collected	Sample Dates	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN	BEN	EBN	TOL	XYL
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-1B (continued)		Jul-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Sep-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-87	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Apr-87	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jun-87	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Oct-87	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-88	ND<0.5	ND<0.5	--	--	0.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		May-88	ND<0.5	ND<0.5	--	--	1.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Aug-88	ND<0.5	ND<0.5	--	--	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Nov-88	ND<0.5	ND<0.5	--	--	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Feb-89	ND<0.5	ND<0.5	--	--	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		May-89	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Aug-89	ND<0.5	ND<0.5	--	--	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Oct-89	ND<0.5	5	--	--	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-90	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-90	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-90	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-90	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-91	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-91	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-91	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-91	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-92	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-92	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	ND<0.5	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<0.5	ND<0.5	--	--	0.7	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-94	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-95	ND<1.0	ND<1.0	--	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<0.5	ND<0.5	1.3	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<1.0	ND	--	--	--	--
		Oct-98	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-99	ND<1.0	ND<1.0	1.4	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-00	ND<1.0	ND<1.0	1.5	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND<1.0	ND	ND<1.0	ND<1.0	--	--	--	--
		Oct-01	ND<0.5	ND<0.5	1.4	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-02	ND<0.5	ND<0.5	1.8	0.79	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
	Dup	Oct-18	ND<0.5	ND<0.5	1.7	0.76	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
Per RWQCB approval, well T-1B was abandoned in February 2004.																						
T-2B		Aug-83	2,800	1,100,000	--	--	160	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Sep-83	2,000	73,000	--	--	2,000	--	ND	ND	ND	--	ND	--	ND	ND	--	--	--	--	--	--
		Sep-83	2,000	290,000	--	--	2,000	--	ND	ND	ND	--	ND	--	ND	ND	--	--	--	--	--	--
		Mar-84	--	130,000	--	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Aug-84	1,500	11,000	--	--	650	ND	ND	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
		Nov-84	2,300	52,000	--	--	7,200	--	ND<130	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	2,700	7,500	--	--	7,700	ND<50	ND<50	ND<50	ND<50	--	ND	--	840	ND	ND<50	--	--	--	--	--
		Mar-86	1,300	5,500	--	--	3,300	750	ND<25	ND<25	ND<25	--	ND	--	--	ND	ND<25	--	--	--	--	--
		Apr-86	580	4,000	--	--	3,600	180	ND<50	ND<50	ND<50	--	ND	--	ND<50	ND	ND<50	--	--	--	--	--
		Jul-86	1,200	3,800	--	--	2,800	1,400	ND<10	ND<10	ND<10	--	ND	--	ND<10	ND	860	--	--	--	--	--
		Jan-87	800	9,100	--	--	7,000	1,100	ND<25	ND<25	ND<25	--	ND	--	ND<25	ND	710	--	--	--	--	--
		Jul-87	490	2,100	--	--	5,400	730	ND<50	ND<50	ND<50	--	ND	--	100	ND	ND<50	--	--	--	--	--
		Oct-87	330	2,000	--	--	3,300	860	59	ND<25	ND<25	--	ND	--	ND<25	ND	71	--	--	--	--	--
		Jan-88	170	1,400	--	--	12,000	4,200	ND<50	ND<50	ND<50	--	ND	--	ND<50	ND	ND<50	--	--	--	--	--
		May-88	54	630	--	--	5,800	1,000	12	120	ND<5.	--	ND	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Aug-88	180	970	--	--	7,300	3,800	ND<100	ND<100	ND<100	--	ND	--	ND<100	ND	ND<100	--	--	--	--	--
		Nov-88	230	970	--	--	8,700	3,300	ND<100	ND<100	ND<100	--	ND	--	ND<100	ND	ND<100	--	--	--	--	--
		Feb-89	ND<500	7,200	--	--	36,000	13,000	ND<500	ND<500	ND<500	--	ND	--	ND<500	ND	ND<500	--	--	--	--	--
		May-89	ND<200	1,400	--	--	34,000	32,000	ND<200	ND<200	ND<200	--	ND	--	ND<200	ND	ND<200	--	--	--	--	--
		Aug-89	ND<2,500	ND<2500	--	--	48,000	26,000	ND<2,500	ND<2500	ND<2500	--	ND	--	--	ND	--	--	--	--	--	--
		Aug-89	ND<500	4,000	--	--	40,000	45,000	ND<500	ND<500	ND<500	--	ND	--	ND<500	ND	ND<500	--	--	--	--	--
		Oct-89	ND<200	7,500	--	--	34,000	44,000	ND<200	ND<200	ND<200	--	ND	--	ND<200	ND	ND<200	--	--	--	--	--
		Jan-90	ND<1,000	17,000	--	--	110,000	30,000	ND<1,000	ND<1000	ND<1000	ND	ND	ND	ND<1,000	ND	ND<1,000	ND	--	--	--	--
		Jan-90	ND<500	1,600	--	--	40,000	24,000	ND<500	ND<500	ND<500	ND	ND	ND	ND<500	ND	ND<500	ND	--	--	--	--
		Apr-90	130	13,000	--	--	41,000	13,000	ND<100	ND<100	ND<100	ND	ND	ND	ND<100	ND	ND<100	ND	--	--	--	--
		Apr-90	90	4,200	--	--	11,000	14,000	ND<50	80	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Jul-90	ND<200	6,000	--	--	21,000	12,000	ND<200	ND<200	ND<200	ND	ND	ND	ND<200	ND	ND<200	ND	--	--	--	--
		Jul-90	ND<100	3,400	--	--	15,000	3,900	ND<100	ND<100	ND<100	ND	ND	ND	ND<100	ND	ND<100	ND	--	--	--	--
		Oct-90	ND<500	26,000	--	--	53,000	14,000	ND<500	ND<500	ND<500	ND	ND	ND	ND<500	ND	ND<500	ND	--	--	--	--
		Oct-90	ND<200	19,000	--	--	52,000	7,800	ND<200	ND<200	ND<200	ND	ND	ND	ND<200	ND	ND<200	ND	--	--	--	--
		Jan-91	ND<200	2,000	--	--	49,000	6,500	ND<200	ND<200	ND<200	ND	ND	ND	ND<200	ND	ND<200	ND	--	--	--	--
		Jan-91	ND<500	5,200	--	--	22,000	7,000	ND<500	ND<500	ND<500	ND	ND	ND	ND<500	ND	ND<500	ND	--	--	--	--
		Apr-91	ND<50	4,200	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	240	ND	ND<50	ND	--	--	--	--
		Apr-91	4.3	2,300	--	--	32	1.0	0.8	ND<0.5	ND<0.5	ND	ND	ND	180	ND	ND<0.5	ND	--	--	--	--
		Jul-91	1,000	17,000	--	--	55,120	3,500	ND<50	150	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Jul-91	240	6,100	--	--	7,200	ND<100	ND<50	ND<50	ND<50	ND	ND	ND	ND<100	ND	ND<50	ND	--	--	--	--
		Oct-91	700	15,000	--	--	38,000	3,300	ND<100	ND<100	ND<100	ND	ND	ND	ND<100	ND	ND<100	ND	--	--	--	--
		Oct-91	500	10,000	--	--	14,000	1,600	ND<100	ND<100	ND<100	ND	ND	ND	ND<100	ND	ND<100	ND	--	--	--	--
		Apr-92	1,600	15,000	--	--	16,000	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	ND<100	ND	ND<100	ND	--	--	--	--
		Apr-92	1,100	9,300	--	--	9,800	2,400	ND<50	53	ND<50	ND	ND	ND	ND<50	ND	110	ND	--	--	--	--
		Aug-92	1,200	5,100	--	--	7,336	1,100	6.5	42	1.7	ND	ND	ND	ND<1.0	ND	21	ND	--	--	--	--
		Oct-92	1,900	7,400	--	--	7,533	1,400	4.8	40	6.8	ND	ND	ND	--	ND	ND<500	ND	--	--	--	--
		Apr-93	530	3,700	--	--	6,600	2,300	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Oct-93	300	2,600	--	--	7,322	640	ND<5.0	23	ND<5.0	ND	ND	ND	ND<5.0	ND	42	ND	--	--	--	--
		Apr-94	330	1,500	--	--	3,134	ND<5	7	32	ND<5.0	ND	ND	ND	1.1	ND	35	ND	--	--	--	--
		Oct-94	ND<25	590	--	--	150	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Aug-95	ND<40	770	--	--	2,500	540	ND<40	ND<40	ND<40	ND	ND	ND	ND<40	ND	ND<40	ND	--	--	--	--
		Oct-95	180	840	--	--	1,400	130	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Apr-96	300	1,500	--	--	1,313	230	ND<2.5	13	ND<2.5	ND	ND	ND	ND<2.5	ND	4.9	ND	--	--	--	--
		Oct-96	200	880	3,000	21	--	190	ND<10	19	ND<10	ND	ND	ND	ND<10	ND	15	ND	--	--	--	--
		Apr-97	170	690	1,400	14	--	230	ND<13	ND<13	ND<13	ND	ND	ND	ND<13	ND	24	ND	--	--	--	--
	Dup	Oct-97	220	810	2,800	ND<50	--	170	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<100	ND	--	--	--	--
		Oct-97	220	820	3,000	ND<50	--	200	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<100	ND<50	--	--	--	--
		Apr-98	100	670	1,700	ND<20	--	300	ND<20	ND<20	ND<20	ND	ND	ND	ND<80	ND	ND<20	ND<20	--	--	--	--
		Oct-98	81	720	1,000	ND<25	--	110	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND<25	--	--	--	--
		Oct-99	55	430	800	ND<10	--	35	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Oct-00	110	520	2,200	ND<50	--	340	ND<50	ND<50	ND<50	--	ND	ND	--	ND	--	1.4	--	ND<1.0	ND<1.0	ND<2.0
		Nov-00	ND<1.0	11	2,300	15	--	300	ND<1.0	9.5	1.2	--	ND<2.0	ND<2.0	--	ND	--	2.0	--	ND<1.0	ND<1.0	ND<2.0
		Dec-00	ND<1.0	2.9	53	9.3	--	1,000	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	1.6	--	ND<1.0	ND<1.0	ND<2.0
		Feb-01	23	31	880	12	--	1,300	ND<1.0	3.5	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	1.6	--	ND<1.0	ND<1.0	8.5
		Apr-01	1.6	14	440	8.7	--	980	ND<1.0	1.2	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	2.6	--	ND<1.0	ND<1.0	ND<2.0
		Jun-01	ND<1.0	5.8	1,500	16	--	1,400	2.6	5.5	1.7	--	3.1	ND<2.0	--	ND	--	1.7	--	ND<1.0	ND<1.0	ND<2.0
		Aug-01	2.5	77	680	12	--	800	ND<1.0	2.5	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	20	--	ND<1.0	ND<1.0	ND<2.0
	Dup	Oct-18	ND<50	580	140	ND<50	--	700	ND<50	ND<50	ND<50	--	ND<100	ND<100	--	90	--	ND<50	--	120	ND<50	ND<100
		Oct-01	ND<50	940	250	180	--	540	ND<50	ND<50	ND<50	--	ND<100	ND<100	--	ND<50	--	ND<50	--	90	ND<50	ND<100
		Jan-02	ND<10	18	67	ND<10	--	210	ND<10	ND<10	ND<10	--	ND<20	ND<20	--	ND	--	78	--	ND<10	11	ND<20
		Apr-02	2.7	24	210	6.2	--	190	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	5.9	--	ND<1.0	ND<1.0	ND<2.0
		Jul-02	ND<1.0	ND<1.0	90	ND<1.0	--	150	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	67	--	ND<1.0	ND<1.0	ND<2.0
		Oct-02	ND<1.0	54	46	ND<1.0	--	170	ND<1.0	2.5	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	66	2.0	ND<1.0	1.8	ND<2.0
		Jan-03	ND<1.0	33	30	ND<1.0	--	14	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	66	--	--	--	--
		Apr-03	ND<1.0	28	7.6	ND<1.0	--	41	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	60	--	7.8	ND<1.0	2.1
		Jul-03	ND<1.0	2.6	2.8	ND<1.0	--	5.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	71	--	90	ND<1.0	4.1
		Oct-03	ND<5.0	ND<5.0	5.2	ND<5.0	--	9.1	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	88	ND<5.0	ND<5.0	ND<5.0	ND<10
		Jan-04	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
		Apr-04	ND<1.0	ND<1.0	3.3	ND<1.0	--	5.4	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
		Oct-04	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	63	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-05	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	72	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-05	ND<5.0	ND<5.0	43	ND<5.0	--	360	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	130	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-05	ND<5.0	5.1	ND<5.0	ND<5.0	--	16	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	94	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-05	ND<5.0	ND<5.0	6.2	ND<5.0	--	48	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	73	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	ND<5.0	ND<5.0	7.0	--	22	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	67	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	ND<5.0	5.9	11	--	24	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	49	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	ND<5.0	ND<5.0	8.2	--	47	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	49	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-07	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	92	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	31	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	ND<5.0	11	7.8	--	270	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	23	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<2	ND<2	88	6	--	210	ND<2	ND<2	ND<2	ND<2	ND<4	ND<2	ND<2	ND<4	5.2	4.1	ND<2	ND<2	ND<2	ND<4
		Oct-09	ND<20	ND<20	6,600	29	--	3,600	ND<20	ND<20	ND<20	ND<20	ND<40	ND<20	ND<20	ND<40	39	230	ND<20	ND<20	ND<20	ND<40
		Oct-10	ND<2.5	ND<2.5	200	ND<2.5	--	260	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	6.4	17	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Nov-10	ND<2.5	2.5	160	ND<2.5	--	290	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	23	39	--	--	--	--
		Mar-11	ND<0.50	0.52	9.4	ND<0.50	--	46	ND<0.50	ND<0.50	0.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.6	57	ND<0.50	ND<0.50	ND<0.50	3.2
		May-11	ND<0.50	0.59	40	ND<0.50	--	82	ND<0.50	ND<0.50	0.69	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.5	22	ND<0.50	ND<0.50	ND<0.50	ND<0.50
		Oct-11	ND<0.50	0.72	79	2.1	--	140	ND<0.50	ND<0.50	0.72	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	7.1	19	ND<0.50	ND<0.50	ND<0.50	1.5
		Apr-12	ND<0.50	ND<0.50	38	1.0	--	34	ND<0.50	ND<0.50	0.53	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	6.5	25	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<0.50	0.65	83	2.5	--	100	ND<0.50	ND<0.50	0.77	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	5.7	14	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		May-13	ND<0.50	0.76	80	6.3	--	77	ND<0.50	ND<0.50	0.76	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	6.7	11	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	ND<2.5	140	1.6	--	150	ND<0.50	ND<0.50	1.0	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	10	12	--	--	--	--
		Apr-14	ND<2.5	ND<2.5	12	ND<2.5	--	40	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	16	58	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Sep-14	ND<2.5	ND<2.5	26	ND<2.5	--	60	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	9.3	28	--	--	--	--
Per USEPA approval, well T-2B was abandoned in November 2014.																						
T-4B		Aug-83	ND<1.0	ND<1.0	--	--	10	ND	ND<1.0	3.6	ND<1.0	--	ND	--	ND<1.0		ND	--	--	--	--	--
		Mar-84	--	4	--	--	--	--	--	--	--	--	ND	--	--		--	--	--	--	--	--
		Aug-84	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	--	ND		ND	--	--	--	--	--
		Nov-84	ND<0.5	1.5	--	--	ND<0.5	--	ND<0.5	--	--	--	ND	--	--		--	--	--	--	--	--
		Oct-85	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5		ND<0.5	--	--	--	--	--
		Jan-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5		ND<0.5	--	--	--	--	--
		Apr-86	ND<0.5	1	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5		ND<0.5	--	--	--	--	--
		Jan-88	ND<0.5	14	--	--	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	0.6		ND<0.5	--	--	--	--	--
		May-88	ND<0.5	9	--	--	0.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	0.5		ND<0.5	--	--	--	--	--
		Aug-89	ND<0.5	57	--	--	3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	1.8		ND<0.5	--	--	--	--	--
		Oct-90	ND<0.5	75	--	--	14	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	1.8	ND	ND<0.5	ND	--	--	--	--
		Oct-91	ND<0.5	75	--	--	13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	3.6	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	61	--	--	4.3	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<0.5	100	--	--	8.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	2.6	ND	ND<0.5	ND	--	--	--	--
		Oct-94	ND<5.0	53	--	--	23	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	ND<1.0	30	--	--	22	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	2.4	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	28	17	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	1.7	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<1.0	30	38	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	2.0	ND	ND<2.0	ND	--	--	--	--
		Oct-98	ND<1.0	43	40	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	1.8	ND	ND<1.0	ND	--	--	--	--
		Oct-99	ND<1.0	32	32	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	1.6	ND	ND<1.0	ND	--	--	--	--
		Oct-00	ND<2.0	10	100	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND<2.0	ND	ND<2.0	ND<2.0	--	--	--	--

ED_013761_00000432-00133

Well/Sample Number	Duplicate Collected	Sample Dates	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN	BEN	EBN	TOL	XYL
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-4B (continued)	Dup	Oct-00	ND<2.0	9.0	100	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND<2.0	ND	ND<2.0	ND<2.0	--	--	--	--
		Oct-01	ND<5.0	ND<5.0	66	12	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<20	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Oct-02	ND<5.0	5.8	220	ND<5.0	--	5.7	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Apr-03	ND<1.0	11	350	ND<1.0	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jul-03	ND<1.0	13	ND<20	3.1	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03	ND<5.0	9.8	340	ND<5.0	--	7.4	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Jan-04	ND<12	6.4	350	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	ND<12	ND<12	--	ND<12	--	ND<12	ND<12	ND<12	ND<12	ND<24
		Apr-04	ND<1.0	13	540	6.3	--	ND<1.0	ND<1.0	ND<1.0	1.6	--	ND<2.0	6.3	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jul-04	ND<5.0	8.5	460	5.8	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-04	ND<5.0	6.6	350	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-05	ND<5.0	9.0	810	20	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-05	ND<5.0	110	69	ND<5.0	--	12	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-05	ND<5.0	10	620	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-05	ND<5.0	9.2	550	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	8.4	600	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	7.9	480	12	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	ND<5.0	580	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		May-07	ND<5.0	7.3	230	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-07	ND<5.0	5.7	430	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	7.9	550	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<5	5.3	500	ND<5	--	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10
		Oct-09	ND<0.50	2.5	370	2.2	--	ND<0.50	ND<0.50	1.1	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	1.4	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<0.50	3.7	360	10	--	ND<0.50	ND<0.50	1.2	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<5.0	5.6	570	5.1	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-12	ND<5.0	8.4	600	17	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-13	ND<5.0	9.2	830	1.4 J	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-14	ND<5.0	5.2	500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Jun-15	ND<0.50	5	130	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	ND<0.50	4	120	0.97	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		May-16	ND<0.50	3.6	480	3.0	--	ND<0.50	ND<0.50	1.0	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<1.0	4	94	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-17	ND<0.50	5.2	650	2.7	--	0.62	ND<0.50	2.2	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<10	ND<10	700	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	--	--	--	--
		Oct-19	ND<5.0	5.6	630	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<20	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-20	ND<10	5.0 J	530	2.2 J	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	ND<10	ND<20	ND<10	ND<10	--	--	--	--
		Oct-21	ND<2.0	3.6	140	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
T-5B		Aug-83	ND<1.0	3,200	--	--	14	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND	--	ND<1.0	ND	ND<1.0	--	--	--	--	--
		Mar-84	--	16,000	--	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Aug-84	ND	17,000	--	--	ND	ND	ND	ND	ND	--	ND	--	10,000	ND	ND	--	--	--	--	--
		Nov-84	19	15,000	--	--	ND<20	--	17	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	73	19,000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	6,300	ND	ND<50	--	--	--	--	--
		Jan-86	ND<25	9,100	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	--	ND	ND<25	--	--	--	--	--
		Apr-86	ND<25	8,200	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	6,900	ND	ND<25	--	--	--	--	--
		Jul-86	ND<50	6,700	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	3,300	ND	ND<50	--	--	--	--	--
		Sep-86	ND<100	20,500	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND	--	3,150	ND	ND<100	--	--	--	--	--
		Jan-87	33	4,900	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	--	3,100	ND	ND<10	--	--	--	--	--
		Apr-87	ND<25	15,000	--	--	ND<25	ND<25	ND<25	480	ND<25	--	ND	--	1,700	ND	ND<25	--	--	--	--	--
		Jun-87	140	5,500	--	--	25	ND<25	ND<25	ND<25	ND<25	--	ND	--	1,800	ND	ND<25	--	--	--	--	--
		Oct-87	ND<50	7,800	--	--	ND<50	ND<50	120	ND<50	ND<50	--	ND	--	1,800	ND	ND<50	--	--	--	--	--
		Jan-88	ND<250	17,000	--	--	ND<250	ND<250	ND<250	ND<250	ND<250	--	ND	--	2,800	ND	ND<250	--	--	--	--	--
		Jun-88	ND<250	11,000	--	--	ND<250	ND<250	ND<250	ND<250	ND<250	--	ND	--	1,200	ND	ND<250	--	--	--	--	--
		Jun-88	18	7,400	--	--	13	ND<0.5	7.8	2.5	1.4	--	ND	--	2,500	ND	ND<0.5	--	--	--	--	--
		Aug-88	ND<100	14,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND	--	2,700	ND	ND<100	--	--	--	--	--
		Nov-88	ND<5.0	5,500	--	--	18	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Nov-88	ND<50	8,000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	2,000	ND	ND<50	--	--	--	--	--
		Feb-89	ND<250	8,000	--	--	ND<250	ND<250	ND<250	ND<250	ND<250	--	ND	--	2,000	ND	ND<250	--	--	--	--	--
		Aug-89	ND<50	10,000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	2,100	ND	ND<50	--	--	--	--	--
		Aug-89	ND<50	9,200	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	2,300	ND	ND<50	--	--	--	--	--
		Oct-89	33	6,700	--	--	39	ND<2.0	2	ND<2.0	ND<2.0	--	ND	--	2,700	ND	ND<2.0	--	--	--	--	--
		Jan-90	ND<20	5,500	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	1,300	ND	ND<20	ND	--	--	--	--
		Apr-90	ND<20	3,000	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	250	ND	ND<20	ND	--	--	--	--
		Jul-90	ND<20	4,100	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	910	ND	ND<20	ND	--	--	--	--
		Oct-90	ND<50	6,300	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	270	ND	ND<50	ND	--	--	--	--
		Jan-91	ND<20	2,500	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	280	ND	ND<20	ND	--	--	--	--
		Apr-91	ND<20	5,700	--	--	30	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	1,600	ND	ND<20	ND	--	--	--	--
		Jul-91	ND<50	9,300	--	--	60	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	2,200	ND	ND<50	ND	--	--	--	--
		Oct-91	ND<100	12,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	1,900	ND	ND<100	ND	--	--	--	--
		Jan-92	ND<100	16,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	2,800	ND	ND<100	ND	--	--	--	--
		Apr-92	ND<100	11,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	2,400	ND	ND<100	ND	--	--	--	--
		Oct-92	ND<1000	3,600	--	--	33	ND<1.0	2.2	ND<0.5	10	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<150	4,000	--	--	ND<150	ND<150	ND<150	ND<150	ND<150	ND	ND	ND	640	ND	ND<150	ND	--	--	--	--
		Oct-93	ND<5.0	500	--	--	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	54	ND	ND<5.0	ND	--	--	--	--
		Oct-94	ND<25	420	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	41	ND	ND<25	ND	--	--	--	--
		Oct-95	ND<1.0	110	--	--	1.6	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	4.9	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<1.3	390	8.2	ND<1.3	--	ND<1.3	ND<1.3	ND<1.3	ND<1.3	ND	ND	ND	34	ND	ND<1.3	ND	--	--	--	--
		Oct-97	ND<10	360	ND<10	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<20	ND	--	--	--	--
		Oct-98	ND<10	300	ND<10	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	15	ND	ND<10	ND	--	--	--	--
		Oct-99	ND<10	500	16	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	63	ND	ND<10	ND	--	--	--	--
		Oct-00	ND<200	2,400	ND<200	ND<200	--	ND<200	ND<200	ND<200	ND<200	ND<200	ND	ND	260	ND	ND<200	ND<200	--	--	--	--
		Oct-01	ND<50	1,700	88	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<100	ND<200	ND<200	ND<50	ND<50	--	--	--	--
	Dup	Oct-18	ND<50	1,900	91	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<100	ND<200	ND<200	ND<50	ND<50	--	--	--	--
		Oct-02	30	2,200	55	ND<20	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND<40	ND<40	450	ND<80	ND<20	ND<20	--	--	--	--
	Dup	Oct-18	ND<20	2,100	52	ND<20	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND<40	ND<40	410	ND<80	ND<20	ND<20	--	--	--	--
		Oct-03	ND<10	720	18	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	31	ND<40	ND<10	ND<10	--	--	--	--
	Dup	Oct-18	ND<10	1,200	29	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	60	ND<40	ND<10	ND<10	--	--	--	--
		Oct-04	ND<5.0	720	21	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	49	ND<20	ND<5.0	ND<5.0	--	--	--	--
	Dup	Oct-18	ND<5.0	760	21	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	63	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Oct-05	ND<5.0	420	12	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	44	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	Dup	Oct-18	ND<5.0	410	12	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	40	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
		Oct-06	ND<2.0	270	5.9	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	18	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
	Dup	Oct-18	ND<2.0	270	6.1	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	20	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-07	6.2	2,300	46	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	470	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0
	Dup	Oct-18	5.9	2,200	45	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	380	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0
		Oct-08	ND<20	2,300	39	ND<20	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND<40	ND<20	550	ND<40	ND<20	ND<20	ND<20	ND<20	ND<20	ND<40
	Dup	Oct-18	ND<20	2,200	39	ND<20	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND<40	ND<20	540	ND<40	ND<20	ND<20	ND<20	ND<20	ND<20	ND<40
		Oct-09	1.5	380	14	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Oct-18	1.3	390	12	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	45	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	3.3	1,200	51	1.2	--	ND<0.50	ND<0.50	1.2	0.57	ND<0.50	ND<1.0	ND<0.50	89	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Oct-18	3.5	1,200	49	1.2	--	ND<0.50	ND<0.50	1.2	0.59	ND<0.50	ND<1.0	ND<0.50	96	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<10	1,700	58	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	200	200	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20
	Dup	Oct-18	ND<25	1,700	58	ND<25	--	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25	200	200	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25	ND<50
		Oct-12	ND<10	1,600	70/71	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	170/180	ND<20	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20
		Oct-13	4.5 J	1,500	51	ND<10	--	ND<10	ND<10	ND<10	ND<10		ND<20	ND<10	150	ND<20	ND<10	ND<10	--	--	--	--
	Dup	Oct-18	4.8 J	1,400	73	1.8 J	--	ND<5.0	ND<5.0	2.3 J	ND<5.0		ND<10	ND<5.0	190	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-14	ND<10	1,500	58	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	140	ND<20	ND<10	ND<10	--	--	--	--
	Dup	Oct-18	ND<25	1,600	64	ND<25	--	ND<25	ND<25	ND<25	ND<25	ND<25	ND<50	ND<25	160	ND<50	ND<25	ND<25	--	--	--	--
		Oct-15	3.7	1,700	62	1.1	--	ND<0.50	ND<0.50	1.2	ND<0.50	ND<0.50	ND<1.0	ND<0.50	120	ND<1.0	ND<0.50	1	--	--	--	--
	Dup	Oct-18	3.9	1,800	62	1.2	--	ND<0.50	ND<0.50	1.3	ND<0.50	ND<0.50	ND<1.0	ND<0.50	130	ND<1.0	ND<0.50	1	--	--	--	--
		Oct-16	ND<2.5	170	8.8	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	6.1	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
	Dup	Oct-18	ND<2.5	130	7.3	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	5.3	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Oct-17	ND<50	1500	54	ND<50	--	ND<50	ND<50	ND<50	ND<50	--	ND<100	ND<50	170	ND<100	ND<50	ND<50	--	--	--	--
	Dup	Oct-17	ND<25	1500	54	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	ND<50	ND<25	160	ND<50	ND<25	ND<25	--	--	--	--
		Oct-18	ND<25	1,200	39	ND<25	--	ND<25	ND<25	ND<25	ND<25	ND<25	ND<50	ND<25	120	ND<50	ND<25	ND<25	--	--	--	--
	Dup	Oct-18	ND<50	1,200	ND<50	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<100	ND<50	140	ND<100	ND<50	ND<50	--	--	--	--
		Oct-19	ND<10	1,200	49	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	94	ND<20	ND<10	ND<10	--	--	--	--
	Dup	Oct-19	ND<10	830	45	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	69	ND<20	ND<10	ND<10	--	--	--	--
		Oct-20	2.2 J	810	51	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	88	ND<20	ND<10	ND<10	--	--	--	--
	Dup	Oct-20	ND<10	690	49	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	69	ND<20	ND<10	ND<10	--	--	--	--
		Oct-21	6.5 J	1,400	95	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	200	ND<20	ND<10	ND<10	--	--	--	--
	Dup	Oct-21	2.7 J	870	45	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<20	93	ND<20	ND<10	ND<10	--	--	--	--
T-7B		Aug-84	ND	3,000	--	--	ND	ND	ND	ND	ND	--	ND	--	100	ND	ND	--	--	--	--	--
		Nov-84	16	4,400	--	--	19	--	6.4	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	60	3,300	--	--	26	ND<25	41	ND<25	ND<25	--	ND	--	420	ND	ND<25	--	--	--	--	--
		Jan-86	ND<25	3,500	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	--	ND	ND<25	--	--	--	--	--
		Apr-86	ND<25	3,500	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	ND<25	ND	ND<25	--	--	--	--	--
		Jul-86	ND<25	5,300	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	370	ND	ND<25	--	--	--	--	--
		Sep-86	ND<25	5,100	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	660	ND	ND<25	--	--	--	--	--
		Jan-87	24	3,100	--	--	25	ND<10	ND<10	ND<10	ND<10	--	ND	--	360	ND	ND<10	--	--	--	--	--
		Apr-87	ND<25	3,800	--	--	31	ND<25	ND<25	ND<25	ND<25	--	ND	--	ND<25	ND	ND<25	--	--	--	--	--
		Jun-87	ND<25	3,200	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	87	ND	ND<25	--	--	--	--	--
		Oct-87	ND<25	2,600	--	--	ND<25	ND<25	31	ND<25	ND<25	--	ND	--	54	ND	ND<25	--	--	--	--	--
		Jan-88	ND<25	2,100	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	280	ND	ND<25	--	--	--	--	--
		Jun-88	ND<10	1,300	--	--	32	ND<10	ND<10	ND<10	ND<10	--	ND	--	56	ND	ND<10	--	--	--	--	--
		Aug-88	ND<25	1,800	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	69	ND	ND<25	--	--	--	--	--
		Nov-88	ND<10	1,300	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	--	50	ND	ND<10	--	--	--	--	--
		Feb-89	ND<25	1,600	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	420	ND	ND<25	--	--	--	--	--
		May-89	6.0	1,400	--	--	60	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND	--	25	ND	ND<5.0	--	--	--	--	--
		Aug-89	5	980	--	--	93	13	13	ND<2.0	ND<2.0	--	ND	--	40	ND	ND<2.0	--	--	--	--	--
		Oct-89	ND<10	1,400	--	--	110	ND<10	ND<10	ND<10	ND<10	--	ND	--	20	ND	ND<10	--	--	--	--	--
		Jan-90	ND<5.0	960	--	--	75	ND<5.0	6.0	ND<5.0	ND<5.0	ND	ND	ND	21	ND	ND<5.0	ND	--	--	--	--
		Apr-90	ND<5.0	680	--	--	37	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Jul-90	ND<2.0	430	--	--	20	ND<2.0	2.0	ND<2.0	ND<2.0	ND	ND	ND	17	ND	ND<2.0	ND	--	--	--	--
		Oct-90	ND<5.0	760	--	--	60	ND<5.0	6.0	ND<5.0	ND<5.0	ND	ND	ND	22	ND	ND<5.0	ND	--	--	--	--
		Jan-91	ND<5.0	870	--	--	62	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	15	ND	ND<5.0	ND	--	--	--	--
		Apr-91	ND<2.0	460	--	--	52	ND<2.0	4.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Jul-91	6.0	980	--	--	300	ND<5.0	11	ND<5.0	ND<5.0	ND	ND	ND	35	ND	ND<5.0	ND	--	--	--	--
		Oct-91	7.0	960	--	--	270	ND<5.0	14	ND<5.0	ND<5.0	ND	ND	ND	18	ND	ND<5.0	ND	--	--	--	--
		Jan-92	ND<10	1,800	--	--	390	ND<10	29	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Apr-92	ND<10	1,800	--	--	140	ND<10	40	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Oct-92	1.7	630	--	--	41	3.1	5.7	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<5.0	590	--	--	59	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	11	ND	ND<5.0	ND	--	--	--	--
		Oct-94	ND<5.0	100	--	--	17	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	ND<1.0	42	--	--	6.1	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	2.4	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	39	5.3	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	1.9	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<0.5	18	2.8	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	1.9	ND	ND<1.0	ND<0.5	--	--	--	--
		Oct-98	ND<1.0	15	1.3	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	5.1	ND	ND<1.0	ND<1.0	--	--	--	--
		Oct-99	ND<1.0	4.7	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND<1.0	--	--	--	--

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Appendix D1 - Historical Groundwater Volatile Organic Compound Results
Former TRW Microwave Site
825 Stewart Drive, Sunnyvale, California

Well/Sample Number	Duplicate Collected	Sample Dates	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN	BEN	EBN	TOL	XYL
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-7B (continued)		Sep-00	1.6	270	29	ND<1.0	--	ND<2.0	2.5	1.2	ND<1.0	ND	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-00	ND<10	180	24	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Nov-00	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Dec-00	ND<1.0	1.7	ND<1.0	ND<1.0	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Feb-01	1.2	230	29	ND<1.0	--	ND<2.0	1.4	ND<1.0	ND<1.0	ND	11	14	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Apr-01	1.4	200	34	ND<1.0	--	ND<2.0	1.8	1.2	ND<1.0	ND	20	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jun-01	ND<1.0	68	61	ND<1.0	--	3.6	ND<1.0	1.6	ND<1.0	ND	51	24	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Aug-01	2.1	340	46	1.3	--	ND<2.0	1.9	2.4	ND<1.0	ND	8.6	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-01	ND<5.0	210	25	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	13	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	Dup	Oct-18	ND<5.0	200	25	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	12	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
		Jan-02	ND<10	300	29	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND<20	ND<10	ND<10	ND	ND<10	ND<10	--	--	--	--
		Apr-02	ND<10	240	24	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND<20	ND<10	35	ND	ND<10	ND<10	--	--	--	--
		Jul-02	ND<10	350	34	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND<20	ND<10	60	ND	ND<10	ND<10	--	--	--	--
		Oct-02	ND<5.0	170	24	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	55	ND<20	ND<5.0	ND<5.0	--	--	--	--
	Dup	Oct-18	ND<2.0	160	24	ND<2.0	--	2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	53	ND<8.0	ND<2.0	ND<2.0	--	--	--	--
		Apr-03	ND<1.0	140	18	ND<1.0	--	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	2.9	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03	ND<5.0	190	28	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<10	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
	Dup	Oct-18	ND<5.0	190	29	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<10	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-04	ND<1.0	140	14	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	2.3	ND<4.0	ND<1.0	ND<1.0	--	--	--	--
	Dup	Oct-18	ND<1.0	140	14	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	2.4	ND<4.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-05	ND<1.0	95	13	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	1.9	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
	Dup	Oct-18	ND<1.0	88	13	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	1.7	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-06	0.71	80	10	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	1.9	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	Dup	Oct-18	0.58	88	10	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	1.8	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
		Oct-07	1.80	190	16	0.63	--	ND<0.5	0.92	0.65	0.55	ND<0.5	ND<1.0	ND<0.5	6.6	ND<0.5	3.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	Dup	Oct-18	1.70	200	16	0.62	--	ND<0.5	0.92	0.65	0.57	ND<0.5	ND<1.0	ND<0.5	6.4	ND<0.5	3.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
		Oct-08	ND<2	180	9.4	ND<2	--	ND<2	ND<2	ND<2	ND<2	ND<2	ND<4	ND<2	5.7	ND<4	3.0	ND<2	ND<2	ND<2	ND<2	ND<4
	Dup	Oct-18	ND<2	150	7.6	ND<2	--	ND<2	ND<2	ND<2	ND<2	ND<2	ND<4	ND<2	4.8	ND<4	2.3	ND<2	ND<2	ND<2	ND<2	ND<4
		Oct-09	0.79	150	10	ND<0.50	--	0.63	0.52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	3.1	ND<1.0	1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Oct-18	0.77	140	9.8	ND<0.50	--	0.60	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	2.8	ND<1.0	1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<1.0	130	12	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	2.7	ND<2.0	1.8	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Oct-18	ND<1.0	140	13	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	2.9	ND<2.0	2.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	1.1	170	14	0.57	--	0.82	0.56	0.55	0.5	ND<0.50	ND<1.0	ND<0.50	4	ND<1.0	2.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
	Dup	Oct-18	1.0	180	14	0.57	--	0.81	0.58	0.58	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4	ND<1.0	2.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	0.55/0.70	160/170	15	0.75/0.79	--	ND<0.5	0.52/0.55	0.61/0.60	0.51/0.52	ND<0.5	ND<1.0	ND<0.5	3.2/3.6	ND<1.0	1.6/2.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
		Oct-13	0.86	150	10	0.77	--	0.38 J	0.58	0.73	0.55		ND<1.0	ND<0.50	4.3	ND<1.0	2.2	ND<0.50	--	--	--	--
	Dup	Oct-18	0.85	150	11	0.76	--	0.39 J	0.59	0.70	0.56		ND<1.0	ND<0.50	4.3	ND<1.0	2.1	ND<0.50	--	--	--	--
		Oct-14	0.74	170	11	0.78	--	ND<0.50	ND<0.50	0.61	ND<0.50	ND<0.50	ND<1.0	ND<0.50	3.2	ND<1.0	2.1	ND<0.50	--	--	--	--
	Dup	Oct-18	0.84	170	12	0.97	--	ND<0.50	0.51	0.74	0.57	ND<0.50	ND<1.0	ND<0.50	4.4	ND<1.0	2.4	ND<0.50	--	--	--	--
		Jun-15	0.54	140	10	0.64	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	2.6	ND<1.0	1.1	ND<0.50	--	--	--	--
	Dup	Jun-18	0.63	150	9.8	0.66	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	2.8	ND<1.0	1.3	ND<0.50	--	--	--	--
		Oct-15	ND<0.50	72	4.8	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.81	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	Oct-18	ND<0.50	73	4.8	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.81	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	21	1	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	Oct-18	ND<0.50	21	1	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		May-17	0.54	160	11	0.97	--	ND<0.50	ND<0.50	0.54	ND<0.50	--	ND<1.0	ND<0.50	3.2	ND<1.0	1.6	ND<0.50	--	--	--	--
	Dup	May-18	0.62	180	12	1.1	--	ND<0.50	ND<0.50	0.53	ND<0.50	--	ND<1.0	ND<0.50	3.4	ND<1.0	1.8	ND<0.50	--	--	--	--
		Oct-17	ND<5.0	190	9.7	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
	Dup	Oct-17	0.64	190	12	1.1	--	ND<0.50	ND<0.50	0.57	ND<0.50	--	ND<1.0	ND<0.50	4.1	ND<1.0	2.0	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	54	2.4	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
	Dup	Oct-18	ND<0.50	57	2.2	ND<0.50 *	--	ND<0.50	ND<0.50	ND<0.50 *	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.91	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	0.50	160	12	1.3	--	ND<0.50	0.28 J	0.55	0.43 J	ND<0.50	ND<0.50	ND<1.0	3.9	ND<1.0	1.4	ND<0.50	--	--	--	--
	Dup	Oct-19	0.42 J	150	11	1.4	--	ND<0.50	0.33 J	0.52	0.42 J	ND<0.50	ND<0.50	ND<1.0	4.2	ND<1.0	1.3	ND<0.50	--	--	--	--
		Oct-20	ND<1.0	64	5.5	0.36 J	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.2	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
	Dup	Oct-20	ND<1.0	70	5.2	0.35 J	--	ND<1.0	ND<1.0	ND<1.0	0.22 J	ND<1.0	ND<2.0	ND<2.0	1.4	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-21	ND<2.0	130	7.0	1.2 J	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	2.7	ND<4.0	1.3 J	ND<2.0	--	--	--	--
	Dup	Oct-21	0.46 J	130	7.1	1.3 J	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	2.9	ND<4.0	1.2 J	ND<2.0	--	--	--	--
T-8B		Aug-84	260	2,300	--	--	580	ND	ND	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
		Nov-84	360	2,600	--	--	410	--	6	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	370	1,600	--	--	880	ND<25	63	ND<25	ND<25	--	ND	--	200	ND	ND<25	--	--	--	--	--
		Oct-85	330	1,600	--	--	890	ND<25	62	ND<25	ND<25	--	ND	--	250	ND	ND<25	--	--	--	--	--
		Mar-86	810	2,200	--	--	1,400	ND<10	ND<10	ND<10	ND<10	--	ND	--	--	ND	ND<10	--	--	--	--	--
		Mar-86	750	2,800	--	--	1,700	ND<10	ND<10	ND<10	ND<10	--	ND	--	--	ND	ND<10	--	--	--	--	--
		Mar-86	1,100	4,300	--	--	3,200	ND<25	ND<25	ND<25	ND<25	--	ND	--	--	ND	ND<25	--	--	--	--	--
		Apr-86	240	650	--	--	1,300	360	ND<5.0	ND<5.0	ND<5.0	--	ND	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Jul-86	170	ND<5.0	--	--	600	ND<5.0	25	ND<5.0	ND<5.0	--	ND	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Jan-87	170	570	--	--	560	170	19	4.8	ND<2.5	--	ND	--	ND<2.5	ND	90	--	--	--	--	--
		Jul-87	85	720	--	--	990	260	12	ND<10	ND<10	--	ND	--	ND<10	ND	17	--	--	--	--	--
		Oct-87	63	610	--	--	610	460	33	4.9	ND<5.0	--	ND	--	55	ND	36	--	--	--	--	--
		Jan-88	79	1,000	--	--	610	690	100	ND<10	ND<10	--	ND	--	59	ND	41	--	--	--	--	--
		May-88	40	750	--	--	610	770	24	5.2	ND<5.0	--	ND	--	24	ND	41	--	--	--	--	--
		Aug-88	24	370	--	--	340	1,800	28	ND<10	ND<10	--	ND	--	36	ND	ND<10	--	--	--	--	--
		Nov-88	25	360	--	--	100	490	15	ND<5.0	ND<5.0	--	ND	--	15	ND	ND<5.0	--	--	--	--	--
		Feb-89	51	2,500	--	--	270	870	ND<25	ND<25	ND<25	--	ND	--	ND<25	ND	ND<25	--	--	--	--	--
		May-89	54	1,700	--	--	340	880	ND<10	ND<10	ND<10	--	ND	--	ND<10	ND	ND<10	--	--	--	--	--
		Apr-90	40	1,600	--	--	1,400	1,700	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Jul-90	26	810	--	--	600	390	12	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-90	17	600	--	--	590	350	10	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Jan-91	26	660	--	--	20	ND<5.0	9.0	5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Apr-91	20	680	--	--	90	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Jul-91	18	420	--	--	230	ND<2.0	19	6.0	2.0	ND	ND	ND	5.0	ND	6.0	ND	--	--	--	--
		Oct-91	20	440	--	--	130	ND<2.0	26	6	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Jan-92	ND<50	6,000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	160	ND	ND<50	ND	--	--	--	--
		Apr-92	14	620	--	--	430	110	38	8.0	ND<5.0	ND	ND	ND	ND<5.0	ND	10	ND	--	--	--	--
		Oct-92	13	410	--	--	150	62	11	5.3	3.8	ND	ND	ND	--	ND	17	ND	--	--	--	--
		Apr-93	10	370	--	--	260	240	8.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-93	10	320	--	--	350	140	5.0	ND<5.0	ND<5.0	ND	ND	ND	6.0	ND	ND<5.0	ND	--	--	--	--
		Apr-94	13	390	--	--	420	220	9.0	ND<5.0	ND<5.0	ND	ND	ND	3.6	ND	10	ND	--	--	--	--
		Oct-94	ND<25	270	--	--	320	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Apr-95	9.9	240	--	--	284	41	4.9	ND<4.0	ND<4.0	ND	ND	ND	ND<4.0	ND	ND<4.0	ND	--	--	--	--
		Oct-95	8.1	230	--	--	354.7	37	5.5	3.1	ND<2.5	ND	ND	ND	3.3	ND	3.7	ND	--	--	--	--
		Apr-96	8.2	260	--	--	284.3	ND<2.5	4.8	2.5	ND<2.5	ND	ND	ND	ND<2.5	ND	ND<2.5	ND	--	--	--	--
		Oct-96	5.4	200	310	5.2	--	44	3.8	2.4	1.6	ND	ND	ND	3.2	ND	5.8	ND	--	--	--	--
		Apr-97	7.1	220	320	5.4	--	28	4.0	3.0	2.0	ND	ND	ND	4.2	ND	4.8	ND	--	--	--	--
		Oct-97	ND<10	210	350	ND<10	--	35	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<20	ND<10	--	--	--	--
		Apr-98	ND<5.0	200	220	ND<5.0	--	42	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<20	ND	ND<5.0	ND<30	--	--	--	--
		Oct-98	ND<10	180	200	ND<10	--	19	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Apr-99	ND<10	170	160	ND<10	--	15	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Oct-99	6.5	190	160	ND<5.0	--	19	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	5.8	ND<5.0	--	--	--	--
		Oct-00	ND<10	170	160	ND<10	--	25	ND<10	ND<10	ND<10	--	ND	ND	ND<10	ND	--	ND<10	--	ND<1.0	ND<1.0	ND<2.0
		Nov-00	3.6	140	240	3.5	--	32	3.8	2.2	1.3	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Dec-00	ND<1.0	41	14	1.7	--	6.8	2	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Feb-01	1.6	65	150	2.4	--	100	1.3	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	1.7	ND<1.0	1.3
		Apr-01	1.6	68	99	2.7	--	99	1.5	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jun-01	1.9	110	120	3.3	--	100	2.5	1.4	1.3	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	1.6	ND<2.0
		Aug-01	2.2	130	140	4.7	--	110	1.7	1.1	1.1	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-01	1.8	120	120	4.5	--	ND<2.0	1.9	1.6	1.2	--	ND<2.0	ND<2.0	--	ND<2.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jan-02	1.8	98	90	3.8	--	76	1.1	1.3	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	1.6	6.7	7.2
		Mar-02	2.1	81	78	3.1	--	92	1.2	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jul-02	ND<1.0	64	72	ND<1.0	--	180	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-02	1.6	75	77	ND<1.0	--	96	1.2	1.2	1.2	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	1.1	ND<1.0	ND<1.0	ND<2.0
		Jan-03	1.7	82	68	2.5	--	80	1.5	1.2	1.4	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	--	--	--
		Apr-03	ND<1.0	59	59	2.3	--	260	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jul-03	1.1	60	60	3.6	--	120	ND<1.0	ND<1.0	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03	ND<5.0	98	79	ND<5.0	--	230	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Apr-04	1.7	53	58	3.8	--	99	ND<1.0	ND<1.0	1.5	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Jul-04	ND<5.0	100	80	ND<5.0	--	150	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-04	ND<2.0	33	72	3.0	--	140	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<8.0	6.8	ND<2.0	--	--	--	--
		Apr-05	ND<5.0	47	100	ND<5.0	--	310	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-05	ND<5.0	38	150	ND<5.0	--	120	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-05	ND<5.0	7.7	190	6.3	--	160	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	ND<5.0	9.0	200	5.6	--	170	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	7.5	300	14	--	120	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-06	ND<5.0	5.8	230	ND<5.0	--	64	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	6.3	220	ND<5.0	--	47	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-07	ND<5.0	20.0	260	ND<5.0	--	120	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-07	ND<5.0	25.0	180	ND<5.0	--	65	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	7.5	220	5.9	--	35	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<2	36	150	3.0	--	34	ND<2	ND<2	ND<2	ND<2	ND<4	ND<2	ND<2	ND<4	7.1	ND<2	ND<2	ND<2	ND<2	ND<4
		Oct-09	0.68	29	39	6.6	--	0.97	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	0.59	22	130	3.5	--	18	ND<0.50	0.73	0.74	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	0.92	24	190	4.1	--	21	ND<0.50	1.1	0.85	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	7.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<2.5	25	290	11	--	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	7.6	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-13	ND<2.5	36	450	8.8	--	17	ND<2.5	3.0	ND<2.5		ND<5.0	ND<2.5	ND<2.5	ND<5.0	10	ND<2.5	--	--	--	--
		Oct-14	ND<0.50	10	270	7.3	--	16	ND<0.50	1.8	0.90	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	7.5	ND<0.50	--	--	--	--
		Jun-15	ND<5.0	ND<5.0	150	7.8	--	55	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-15	ND<0.50	1.20	29	2.2	--	24	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2	ND<0.50	--	--	--	--
		May-16	ND<0.50	4.4	310	5.8	--	49	ND<0.50	0.86	0.82	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	5.9	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	0.84	6.2	1.2	--	10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0 *	0.5	ND<0.50	--	--	--	--
		Oct-17	ND<10	ND<10	420	ND<10	--	27	ND<10	ND<10	ND<10	--	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	--	--	--	--
	Dup	Oct-17	ND<10	ND<10	420	ND<10	--	27	ND<10	ND<10	ND<10	--	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	--	--	--	--
		Oct-18	ND<10	18	460	ND<10	--	20	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	--	--	--	--
		Oct-19	ND<2.5	15	420	8.0	--	20	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<10	ND<5.0	6.4	ND<2.5	--	--	--	--
		Oct-20	ND<5.0	7.6	400	4.1 J	--	19	ND<5.0	1.5 J	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<10	2.8 J	ND<5.0	--	--	--	--
		Oct-21	ND<0.50	18	410	5.6	--	11	ND<0.50	1.8	0.72	ND<0.50	ND<1.0	ND<1.0	1.0	ND<1.0	5.2	ND<0.50	--	--	--	--
T-9B		Aug-84	330	7,900	--	--	ND	ND	ND	ND	ND	--	ND	--	700	ND	ND	--	--	--	--	--
		Nov-84	15	2,900	--	--	9	--	ND<25	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	320	29,000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	1,200	ND	ND<50	--	--	--	--	--
		Mar-86	ND<100	9,600	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND	--	--	ND	ND<100	--	--	--	--	--
		Mar-86	ND<100	16,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND	--	--	ND	ND<100	--	--	--	--	--
		Mar-86	590	14,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND	--	--	ND	ND<100	--	--	--	--	--
		Apr-86	98	7,300	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	ND<25	ND	ND<25	--	--	--	--	--
		Jul-86	ND<50	7,900	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	ND<50	ND	ND<50	--	--	--	--	--
		Jan-87	ND<50	17,000	--	--	ND<50	ND<50	160	ND<50	ND<50	--	ND	--	620	ND	ND<50	--	--	--	--	--
		Jul-87	44	1,300	--	--	1300	220	30	ND<10	ND<10	--	ND	--	36	ND	54	--	--	--	--	--
		Oct-87	ND<50	6,900	--	--	450	150	ND<50	ND<50	ND<50	--	ND	--	390	ND	ND<50	--	--	--	--	--
		Nov-87	ND<50	3,900	--	--	340	150	ND<50	ND<50	ND<50	--	ND	--	290	ND	--	--	--	--	--	--

Well/Sample Number	Duplicate Collected	Sample Dates	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	CDM	Freon 11	Freon 12	Freon 113	BFM	1,2-DCB	CBN	BEN	EBN	TOL	XYL
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-9B (continued)		Jan-88	50	4,800	--	--	70	ND<10	10	ND<10	ND<10	--	ND	--	180	ND	ND<10	--	--	--	--	--
		Jan-88	ND<100	12,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND	--	ND<100	ND	ND<100	--	--	--	--	--
		May-88	360	12,000	--	--	710	120	180	ND<100	ND<100	--	ND	--	1,700	ND	ND<100	--	--	--	--	--
		Aug-88	ND<50	6,000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	ND<50	ND	ND<50	--	--	--	--	--
		Aug-88	36	5,200	--	--	85	18	13	4.7	1.5	--	ND	--	170	ND	8	--	--	--	--	--
		Nov-88	50	6,900	--	--	ND<50	ND<50	80	ND<50	ND<50	--	ND	--	310	ND	ND<50	--	--	--	--	--
		Feb-89	ND<25	6,400	--	--	45	ND<25	ND<25	ND<25	ND<25	--	ND	--	200	ND	ND<25	--	--	--	--	--
		Jun-89	39	3,500	--	--	130	73	ND<10	ND<10	ND<10	--	ND	--	150	ND	ND<10	--	--	--	--	--
		Aug-89	61	7,300	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	200	ND	ND<50	--	--	--	--	--
		Oct-89	38	3,800	--	--	160	20	ND<10	ND<10	ND<10	--	ND	--	50	ND	ND<10	--	--	--	--	--
		Jan-90	61	6,100	--	--	120	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Jul-90	30	5,200	--	--	420	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Oct-90	ND<20	3,900	--	--	590	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Jan-91	10	2,200	--	--	580	30	ND<10	10	ND<10	ND	ND	ND	20	ND	ND<10	ND	--	--	--	--
		Apr-91	ND<20	2,100	--	--	1,200	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Jul-91	ND<20	3,100	--	--	1,100	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Oct-91	ND<20	3,200	--	--	340	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Jan-92	ND<30	4,100	--	--	ND<30	ND<30	ND<30	ND<30	ND<30	ND	ND	ND	ND<30	ND	ND<30	ND	--	--	--	--
		Apr-92	ND<50	5,600	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Oct-92	36	5,100	--	--	ND<500	19	3.9	ND<0.5	3.4	ND	ND	ND	--	ND	6.1	ND	--	--	--	--
		Apr-93	ND<50	3,200	--	--	75	ND<100	ND<50	ND<50	ND<50	ND	ND	ND	69	ND	ND<50	ND	--	--	--	--
		Oct-93	14	1,900	--	--	99	35	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	51	ND	ND<5.0	ND	--	--	--	--
		Apr-94	22	1,300	--	--	110	55	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	28	ND	5.0	ND	--	--	--	--
		Oct-94	ND<25	1,200	--	--	120	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Apr-95	ND<20	1,300	--	--	110	ND<40	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Oct-95	11	1,100	--	--	190	22	ND<10	ND<10	ND<10	ND	ND	ND	12	ND	ND<10	ND	--	--	--	--
		Apr-96	19	1,000	--	--	120	15	ND<2.5	ND<2.5	ND<2.5	ND	ND	ND	9.3	ND	6.1	ND	--	--	--	--
		Oct-96	12	1,200	110	ND<5.0	--	25	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	13	ND	ND<5.0	ND	--	--	--	--
		Apr-97	15	1,300	130	ND<6.3	--	33	ND<6.3	ND<6.3	ND<6.3	ND	ND	ND	26	ND	8.1	ND	--	--	--	--
		Oct-97	ND<50	1,600	150	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<100	ND<50	--	--	--	--
		Apr-98	ND<100	2,200	130	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	ND<400	ND	ND<100	ND<600	--	--	--	--
	Dup	Apr-98	ND<100	2,000	ND<100	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	ND<400	ND	ND<100	ND	--	--	--	--
		Oct-98	ND<25	1,000	130	ND<25	--	37	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND<25	--	--	--	--
		Apr-99	ND<100	1,200	170	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	ND<100	ND	ND<100	ND<100	--	--	--	--
	Dup	Apr-99	ND<100	1,100	160	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	ND<100	ND	ND<100	ND	--	--	--	--
		Oct-99	ND<25	1,000	170	ND<25	--	46	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND<25	--	--	--	--
		Oct-00	ND<70	1,000	200	ND<70	--	ND<70	ND<70	ND<70	ND<70	ND<70	ND	ND	ND<70	ND	ND<70	ND<70	--	--	--	--
		Aug-01	ND<10	460	160	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	ND<10	ND<10	--	ND	--	ND<10	ND<10	ND<10	ND<10	ND<10
		Oct-01	ND<10	780	150	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<40	ND<40	ND<10	ND<10	--	--	--	--
		Jan-02	ND<10	680	270	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND<20	ND<10	ND<10	ND	ND<10	ND<10	--	--	--	--
		Apr-02	ND<5.0	510	210	ND<5.0	--	5.3	ND<5.0	ND<5.0	ND<5.0	ND	ND<10	ND<5.0	ND<5.0	ND	ND<5.0	ND<5.0	--	--	--	--
		Jul-02	ND<5.0	460	190	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND<10	ND<5.0	ND<5.0	ND	ND<5.0	ND<5.0	--	--	--	--
		Oct-02	3.4	460	180	3.7	--	8.7	ND<2.5	2.8	ND<2.5	ND<2.5	ND<5.0	ND<5.0	5.3	ND<10	ND<2.5	ND<2.5	--	--	--	--
		Apr-03	2.0	550	240	3.6	--	19	1.7	4.3	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03	ND<5.0	390	560	7.8	--	38	ND<5.0	6.4	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-04	ND<5.0	470	300	5.1	--	33	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-05	ND<5.0	16	630	5.9	--	150	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
		Oct-06	ND<0.5	4.6	31	1.4	--	30	ND<0.5	ND<0.5	0.51	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	0.61	ND<0.5	--	--	--	--
		Oct-07	4.4	470	190	3.2	--	9.8	ND<0.5	2.2	0.83	ND<0.5	ND<1.0	ND<0.5	8.4	ND<1.0	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
		Oct-08	ND<5	280	110	ND<5	--	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	7.9	ND<10	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10
		Oct-09	ND<10	31	290	ND<10	--	69	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20
		Oct-10	0.87	96	250	3.4	--	12	ND<0.50	1.7	0.76	ND<0.50	ND<1.0	ND<0.50	1.0	ND<1.0	1.1	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<1.0
		Oct-11	ND<5.0	110	350	ND<5.0	--	5.1	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-12	ND<5.0	130	360	5.1	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<10	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-13	2.2 J	410	280	5.0	--	3.6 J	ND<5.0	3.3 J	ND<5.0		ND<10	ND<5.0	1.5 J	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-14	ND<5.0	390	210	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Jun-15	2.2	310	220	3.3	--	2.3	ND<0.50	2.1	0.59	ND<0.50	ND<1.0	ND<0.50	1.0	ND<1.0	0.82	ND<0.50	--	--	--	--
		Oct-15	ND<2.5	150	150	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		May-16	1.5	270	240	3.2	--	2.2	ND<1.0	1.9	ND<1.0	--	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-16 (29 ft)	ND<0.50	4	2.9	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16 (34 ft)	ND<2.5	100	93	ND<2.5	--	ND<2.5	ND<2.5 *	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5 *	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Jan-17	1.9	300	280	3.5	--	2.6	ND<0.50	2.3	0.68	--	ND<1.0	ND<0.50	1.0	ND<1.0	0.79	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Jan-17	1.5	230	330	3.4	--	7.3	ND<0.50	2.3	0.72	--	ND<1.0	ND<0.50	1.6	ND<1.0	0.82	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-17	1.7	310	260	3.5	--	2.1	ND<1.0	2.3	ND<1.0	--	ND<2.0	ND<1.0	1.0	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-18	ND<0.50	170	220	2.9	--	1.4 *	ND<0.50	1.7	0.64	ND<0.50	ND<1.0 *	ND<0.50	ND<0.50	ND<1.0	0.98	ND<0.50	--	--	--	--
Per USEPA approval, well T-9B was abandoned in November 2019.																						
T-10B		Oct-00	ND<20	170	110	ND<15	--	ND<15	ND<15	ND<15	ND<15	ND<15	ND<15	ND<20	ND<20	ND<15	ND<15	ND<15	--	--	--	--
		Jan-01	13	210	130	2.7	--	12	2.9	1.2	ND<1.0	--	ND<2.0	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Apr-01	9.6	160	100	ND<2.5	--	20	ND<2.5	ND<2.5	ND<2.5	ND	ND<10	ND<2.5	ND<10	ND	9.6	ND<2.5	--	--	--	--
		Aug-01	7.6	170	110	ND<5.0	--	27	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
		Oct-01	8.2	160	75	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<20	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Jan-02	14	230	130	ND<2.5	--	25	ND<2.5	ND<2.5	ND<2.5	ND	ND<2.5	ND<5.0	ND<2.5	ND	12	ND<2.5	--	--	--	--
		Apr-02	12	200	110	ND<2.5	--	15	ND<2.5	ND<2.5	ND<2.5	ND	ND<2.5	ND<5.0	ND<2.5	ND	10	ND<2.5	--	--	--	--
		Jul-02	10	170	97	ND<2.5	--	16	ND<2.5	ND<2.5	ND<2.5	ND	ND<2.5	ND<5.0	ND<2.5	ND	6.9	ND<2.5	--	--	--	--
		Oct-02	8.9	130	56	2.8	--	11	1.2	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.4	ND<4.0	8.4	ND<1.0	--	--	--	--
		Oct-03	12	140	73	2.1	--	43	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<8.0	10	ND<2.0	--	--	--	--
		Oct-04	11	170	57	2.0	--	29	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.1	ND<4.0	10	ND<1.0	--	--	--	--
		Oct-05	9.9	180	79	ND<5.0	--	39	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-06	10	170	190	ND<5.0	--	51	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	20	150	190	10.0	--	17	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-06	8.1	150	170	ND<5.0	--	9.3	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	7.8	120	130	ND<5.0	--	6.2	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-07	12.0	130	140	ND<5.0	--	17.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		May-07	7.2	80	87	ND<5.0	--	8.9	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-07	5.4	65	61	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	6.6	86	62	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	2.1	45	48	1.8	--	10	ND<0.5	ND<0.5	0.82	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<1	3.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1
		Oct-09	0.94	20	49	1.4	--	9.8	ND<0.50	ND<0.50	0.55	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.5	ND<0.50	1.5	ND<0.50	ND<0.50	ND<1.0
		Oct-10	2.0	44	97	2.3	--	23	ND<0.50	0.57	0.77	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.7	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<1
		Oct-11	3.2	48	110	3.0	--	24	ND<0.50	1.2	1	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	5.2	ND<0.50	ND<0.5	ND<0.5	ND<0.5	1.2
		Oct-12	2.7	50	140	3.1	--	21	ND<0.50	0.99	0.76	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	5.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	0.59	17	50	0.21 J	--	ND<0.50	ND<0.50	ND<0.50	0.43 J		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-14	2.1	45	180	3.3	--	16	ND<0.50	1.1	0.82	ND<0.50	ND<1.0 *	ND<0.50 *	ND<0.50	ND<1.0	4.8	ND<0.50	--	--	--	--
		Oct-15	0.84	31	97	1.8	--	23	ND<0.50	0.52	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.9	ND<0.50	--	--	--	--
		May-16	0.81	21	140	13	--	74	ND<0.50	0.56	0.69	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.4	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	ND<0.50	8.6	8.3	--	61	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	0.85	ND<0.50	--	--	--	--
		Oct-17	1.6	41	150	3.5	--	50	ND<0.50	0.94	0.65	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	4.2	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	2.8	15	1.2	--	5.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	1.1	ND<0.50	--	--	--	--
		Oct-19	0.77	31	130	2.8	--	58	ND<0.50	0.69	0.57	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	3.4	ND<0.50	--	--	--	--
		Oct-20	0.88 J	34	130	2.8	--	71	ND<1.0	0.57 J	0.60 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	3.3	ND<1.0	--	--	--	--
		Oct-21	0.31 J	22	93	2.3	--	51	ND<1.0	0.38 J	0.46 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	2.9	ND<1.0	--	--	--	--
T-17B		Jan-06	ND<5.0	400	280	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Apr-06	ND<5.0	340	420	6.8	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-06	ND<5.0	200	460	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-06	ND<5.0	240	280	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jan-07	12	660	220	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		May-07	ND<5.0	430	140	ND<5.0	--	11	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Jul-07	ND<5.0	450	87	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-07	ND<5.0	610	79	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<15
		Oct-08	ND<5	400.0	62	ND<5	--	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	20	ND<10	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10
		Oct-09	ND<0.50	69.0	190	3.5	--	ND<0.50	ND<0.50	0.69	ND<0.50	ND<0.50	ND<1.0	ND<0.50	2.1	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<5.0	120	320	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<5.0	270	230	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	8.1	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Apr-12	ND<5.0	110	510	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	8.9	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
	Dup	Apr-18	ND<5.0	110	490	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	9.9	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-12	ND<5.0	310	230	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	14	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		May-13	ND<5.0	120	370	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0		ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-13	ND<5.0	130	390	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0		ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Apr-14	ND<5.0	55	370	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-14	ND<5.0	75	400	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Jun-15	1.0	230	310	2.7	--	0.50	ND<0.50	1.7	ND<0.50	ND<0.50	ND<1.0	ND<0.50	11	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	0.88	280	290	1.9	--	0.51	ND<0.50	1.1	ND<0.50	ND<0.50	ND<1.0	ND<0.50	9.9	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		May-16	0.63	180	260	1.7	--	ND<0.50	ND<0.50	0.95	ND<0.50	--	ND<1.0	ND<0.50	8.8	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<2.5	190	200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	8.2	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Oct-17	ND<5.0	210	370	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<10	ND<5.0	7.1	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-18	ND<5.0	170	300	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	7.4	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-19	ND<1.0	150	270	3.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	5.7	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-20	0.46 J	160	230	1.3 J	--	ND<2.0	ND<2.0	0.64 J	ND<2.0	ND<2.0	ND<4.0	ND<4.0	5.7	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-21	0.71 J	160	240	1.4 J	--	ND<2.0	ND<2.0	0.97 J	ND<2.0	ND<2.0	ND<4.0	ND<4.0	6.3	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
T-18B		May-13	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-14	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0 *	ND<0.50 *	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50 *	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50 F1*	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-21	ND<0.50	16	1.0	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	0.87	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
T-19B		May-13	ND<0.50	53	1.9	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	1.2	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	56	1.8	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	1.4	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-14	ND<0.50	52	2.2	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0 *	ND<0.50 *	1.2	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	ND<0.50	49	1.8	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	44	1.5	ND<0.50	--	ND<0.50	ND<0.50 *	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50 *	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	ND<0.50	62	1.4	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	1.1	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	57	1.3	ND<0.50 *	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.2	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	ND<0.50	45	1.5	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.62 J	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	ND<0.50	53	1.4	ND<0.50	--	ND<0.50	0.20 J	ND<0.50	0.23 J	ND<0.50	ND<1.0	ND<1.0	1.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-21	ND<0.50	50	1.3	ND<0.50	--	ND<0.50	0.17 J	ND<0.50	0.23 J	ND<0.50	ND<1.0	ND<1.0	0.98	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
T-20B		Oct-17	ND<5.0	230	280	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<10 *	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-18	ND<0.50	230	190	2.1	--	ND<0.50	ND<0.50	1.4	ND<0.50	ND<0.50	ND<1.0	ND<0.50	2.1	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	ND<2.0	240	210	2.1	--	1.9 J	ND<2.0	2.2	ND<2.0	ND<2.0	ND<2.0	ND<4.0	2.2 J	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-20	ND<0.50	230	250	3.7	--	23	ND<0.50	2.6	0.72	ND<0.50	ND<1.0	ND<1.0	1.4	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-21	ND<5.0	170	370	2.9 J	--	6.3	ND<5.0	1.7 J	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
T-21B		Oct-17	ND<0.50	250	460	2.0	--	ND<0.50	ND<0.50	1.5	ND<0.50	--	ND<1.0	ND<0.50	16	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<5.0	430	310	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	15	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-19	ND<2.5	330	240	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	9.4 J	ND<5.0	ND<2.5	ND<2.5	--	--	--	--

Well/Sample Number	Duplicate Collected	Sample Dates	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2-DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-21B		Oct-20	ND<2.5	350	270	2.0 J	--	ND<2.5	ND<2.5	1.4 J	ND<2.5	ND<2.5	ND<5.0	ND<5.0	14	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
(continued)		Oct-21	ND<5.0	410	260	1.7 J	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	14	ND<10	ND<5.0	ND<5.0	--	--	--	--
T-22B		Oct-17	1.6	97	130	3.3	--	0.56	ND<0.50	0.83	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.0	ND<0.50	--	--	--	--
		Oct-18	1.3	79	120	3.1	--	0.69	ND<0.50	0.95	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.1	ND<0.50	--	--	--	--
		Oct-19	1.6	82	170	3.7	--	0.72	ND<0.50	0.89	0.45 J	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	2.6	ND<0.50	--	--	--	--
		Oct-20	1.4	76	140	3.6	--	ND<1.0	ND<1.0	0.78 J	0.38 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	2.4	ND<1.0	--	--	--	--
		Oct-21	1.5	78	140	3.2	--	0.52	ND<0.50	0.91	0.36 J	ND<0.50	ND<1.0	ND<1.0	0.17 J	ND<1.0	2.2	ND<0.50	--	--	--	--
T-23B		Oct-17	1.3	86	100	2.7	--	0.64	ND<0.50	0.77	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	2.6	ND<0.50	--	--	--	--
		Oct-18	1.7	95	140	3.0	--	0.61	ND<0.50	0.89	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	3.0	ND<0.50	--	--	--	--
		Oct-19	1.2	62	160	3.3	--	2.8	ND<0.50	0.67	0.43 J	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	3.0	ND<0.50	--	--	--	--
		Oct-20	1.5	76	140	3.2	--	0.76 J	ND<1.0	0.81 J	0.36 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	2.4	ND<1.0	--	--	--	--
		Oct-21	1.2 J	70	120	2.7	--	ND<2.0	ND<2.0	0.75 J	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<4.0	2.6	ND<2.0	--	--	--	--
T-24B		Oct-17	ND<0.50	63	130	1.4	--	4.0	ND<0.50	1.5	0.60	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	48	100	1.1	--	3.9	ND<0.50	1.6	0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	ND<0.50	3.5	130	1.3	--	15	ND<0.50	0.43 J	0.51	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	ND<1.0	36	94	0.96 J	--	2.9	ND<1.0	1.0	0.46 J	ND<1.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-21	ND<0.50	7.8	49	0.63	--	ND<0.50	ND<0.50	0.36 J	0.24 J	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	0.14 J	ND<0.50	--	--	--	--
T-25Bs		Dec-18	ND<5.0	350	270	6.6	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
		Oct-19	ND<2.5	15	400	5.8	--	70	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<10	ND<5.0	1.4 J	ND<2.5	--	--	--	--
		Oct-20	ND<2.0	2.4	200	4.9	--	200	ND<2.0	ND<2.0	0.64 J	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<4.0	0.82 J	ND<2.0	--	--	--	--
		Oct-21	ND<5.0	11	400	5.2	--	42	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--
T-25Bd		Dec-18	8.2	450	77	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	5.1	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
		Oct-19	5.3	300	61	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<10	ND<5.0	2.5	ND<2.5	--	--	--	--
		Oct-20	6.2	320	74	1.2 J	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	3.6 J	ND<10	2.4 J	ND<5.0	--	--	--	--
		Oct-21	3.4	170	9.9	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
T-2C		Aug-84	10	2300	--	--	12	ND	ND	6	ND	--	ND	ND	1000	ND	ND	--	--	--	--	--
		Aug-84	7.2	760	--	--	2.5	--	ND<0.1	ND<0.1	--	--	ND	ND	39	ND	--	--	--	--	--	--
		Nov-84	8.4	4400	--	--	13	--	ND<1.0	--	--	--	ND	ND	--	ND	--	--	--	--	--	--
		Oct-85	ND<25	4200	--	--	31	ND<25	ND<25	ND<25	ND<25	--	ND	ND	950	ND	ND<25	--	--	--	--	--
		Mar-86	ND<25	5500	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	ND	--	ND	ND<25	--	--	--	--	--
		Mar-86	49	4200	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	ND	--	ND	ND<25	--	--	--	--	--
		Apr-86	ND<2.0	1200	--	--	ND<2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND	ND	ND<2.0	ND	ND<2.0	--	--	--	--	--
		Jul-86	ND<10	2000	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	ND	650	ND	ND<10	--	--	--	--	--
		Jan-87	ND<10	3300	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	ND	170	ND	ND<10	--	--	--	--	--
		Jul-87	ND<25	4200	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	ND	220	ND	ND<25	--	--	--	--	--
		Oct-87	ND<25	3500	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	ND	240	ND	ND<25	--	--	--	--	--
		Jan-88	ND<100	4400	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND	ND	ND<100	ND	ND<100	--	--	--	--	--
		Jun-88	ND<10	5500	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	ND	330	ND	ND<10	--	--	--	--	--
		Aug-88	ND<25	3400	--	--	ND<25	ND<25	36	ND<25	ND<25	--	ND	ND	400	ND	ND<25	--	--	--	--	--
		Nov-88	65	3000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	ND	440	ND	ND<50	--	--	--	--	--
		Feb-89	ND<25	3100	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	ND	220	ND	ND<25	--	--	--	--	--
		May-89	ND<25	3900	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	ND	270	ND	ND<25	--	--	--	--	--
		May-89	ND<25	3500	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	ND	230	ND	ND<25	--	--	--	--	--
		Aug-89	ND<25	4300	--	--	ND<25	ND<25	25	ND<25	ND<25	--	ND	ND	420	ND	ND<25	--	--	--	--	--
		Oct-89	ND<20	3300	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	--	ND	ND	180	ND	ND<20	--	--	--	--	--
		Jan-90	ND<20	3600	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	390	ND	ND<20	ND	--	--	--	--
		Apr-90	ND<20	4900	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	370	ND	ND<20	ND	--	--	--	--
		Jul-90	ND<20	3300	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	240	ND	ND<20	ND	--	--	--	--
		Oct-90	ND<20	2100	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	90	ND	ND<20	ND	--	--	--	--
		Jan-91	ND<20	4000	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	220	ND	ND<20	ND	--	--	--	--
		Apr-91	ND<20	2400	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	50	ND	ND<20	ND	--	--	--	--
		Jul-91	ND<20	3900	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	210	ND	ND<20	ND	--	--	--	--
		Oct-91	ND<20	4700	--	--	120	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	200	ND	ND<20	ND	--	--	--	--
		Jan-92	ND<30	5200	--	--	ND<30	ND<30	ND<30	ND<30	ND<30	ND	ND	ND	120	ND	ND<30	ND	--	--	--	--
		Apr-92	ND<20	2800	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	60	ND	ND<20	ND	--	--	--	--
		Oct-92	3.9	8200	--	--	13.7	ND<1.0	0.8	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Apr-93	ND<50	3400	--	--	ND<50	ND<100	ND<50	ND<50	ND<50	ND	ND	ND	210	ND	ND<50	ND	--	--	--	--
		Oct-93	ND<5.0	3000	--	--	10	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	180	ND	ND<5.0	ND	--	--	--	--
		Apr-94	ND<5.0	7200	--	--	20	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	200	ND	ND<5.0	ND	--	--	--	--
		Oct-94	ND<50	3600	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	300	ND	ND<50	ND	--	--	--	--
		Aug-95	ND<40	2000	--	--	ND<40	ND<80	ND<40	ND<40	ND<40	ND	ND	ND	51	ND	ND<40	ND	--	--	--	--
		Oct-95	ND<25	3100	--	--	ND<25	ND<50	ND<25	ND<25	ND<25	ND	ND	ND	280	ND	ND<25	ND	--	--	--	--
		Oct-96	ND<17	4000	21	ND<17	--	34	ND<17	ND<17	ND<17	ND	ND	ND	260	ND	ND<17	ND	--	--	--	--
		Apr-97	ND<25	4000	28	ND<25	--	34	ND<25	ND<25	ND<25	ND	ND	ND	420	ND	ND<25	ND	--	--	--	--
		Oct-97	ND<100	3600	ND<100	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	400	ND	ND<200	ND<100	--	--	--	--
		Apr-98 **	ND<50	3500	ND<50	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	320	ND	ND<50	ND<50	--	--	--	--
		Oct-98	ND<25	1000	130	ND<25	--	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	92	ND	ND<25	ND<25	--	--	--	--
		Apr-99	ND<100	3600	ND<100	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	410	ND	ND<100	ND<100	--	--	--	--
		Oct-99	ND<100	4600	ND<100	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	510	ND	ND<100	ND<100	--	--	--	--
	Dup	Oct-99	ND<100	4000	ND<100	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	440	ND	ND<100	ND	--	--	--	--
		Oct-00	ND<100	2700	110	ND<100	--	ND<100	ND<100	ND<100	ND<100	ND<100	ND	ND	380	ND	ND<100	ND<100	--	--	--	--
		Jan-01	3.3	3400	70	2.5	--	20	ND<1.0	6.6	ND<1.0	--	12	ND<2.0	--	ND	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Mar-01	ND<25	1800	79	ND<25	--	52	ND<25	ND<25	ND<25	ND	ND<25	ND<25	ND<100	ND	ND<25	ND<25	--	--	--	--
		Jun-01	ND<25	1300	630	ND<25	--	110	ND<25	ND<25	ND<25	ND	ND<25	ND<25	ND<100	ND	ND<25	ND	--	--	--	--
		Oct-01	7	1500	220	2.3	--	49	ND<1.0	2	ND<1.0	--	5.1	ND<2.0	--	ND<1.0	--	1.4	--	5.8	ND<1.0	19.9
		Jan-02	ND<25	1800	110	ND<25	--	45	ND<25	ND<25	ND<25	ND	ND<25	ND<50	ND<25	ND	ND<25	ND<25	--	--	--	--
		Apr-02	ND<25	1500	74	ND<25	--	32	ND<25	ND<25	ND<25	ND	ND<25	ND<50	ND<25	ND	ND<25	ND<25	--	--	--	--
		Jul-02	ND<25	1500	47	ND<25	--	42	ND<25	ND<25	ND<25	ND	ND<25	ND<50	ND<25	ND	ND<25	ND<25	--	--	--	--
		Oct-02	ND<2.5	400	59	ND<2.5	--	2.7	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<5.0	11	ND<10	ND<2.5	ND<2.5	--	--	--	--
		Apr-03	ND<1.0	1300	47	ND<1.0	--	52	1.7	1.9	ND<1.0	--	ND<2.0	ND<2.0	--	ND<1.0	--	ND<1.0	--	ND<1.0	ND<1.0	ND<2.0
		Oct-03	ND<5.0	340	56	ND<5.0	--	6.7	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	--	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-04	ND<2.0	280	37	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	6.3	ND<8.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-05	ND<2.0	260	38	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	4.8	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-06	ND<2.0	190	28	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	2.8	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-07	2.3	1200	43	ND<2.0	--	6.8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	36	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0
		Oct-08	ND<1	130	33	ND<1	--	1.6	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	2.3	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2
		Oct-09	0.65	460	94	2.0	--	33	ND<0.50	1.4	ND<0.50	ND<0.50	ND<1.0	ND<0.50	9.2	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<0.50	81	22	0.60	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.56	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<0.50	310	88	1.1	--	11	ND<0.50	1.4	ND<0.50	ND<0.50	ND<1.0	ND<0.50	3	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<5.0	310	160	ND<0.50	--	19	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-13	ND<0.50	110	44	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Apr-14	ND<0.50	150	48	0.80	--	0.59	ND<0.50	0.65	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.94	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Sep-14	ND<0.50	280	120	1.6	--	8.5	ND<0.50	0.97	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.3	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
Per USEPA approval, well T-2C was abandoned in November 2014.																						
T-10C		Jul-86	ND<1.0	6,800	--	--	ND<1.0	ND<1.0	44	54	ND<1.0	--	ND	--	1,600	ND	ND<1.0	--	--	--	--	--
		Jul-86	ND<25	5,400	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	2,700	ND	ND<25	--	--	--	--	--
		Sep-86	130	3,600	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	1,100	ND	ND<25	--	--	--	--	--
		Jan-87	ND<50	9,500	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	700	ND	ND<50	--	--	--	--	--
		Apr-87	ND<10	2,000	--	--	ND<10	ND<10	ND<10	66	ND<10	--	ND	--	360	ND	ND<10	--	--	--	--	--
		Jun-87	ND<25	4,200	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	460	ND	ND<25	--	--	--	--	--
		Oct-87	ND<50	6,700	--	--	ND<50	ND<50	60	ND<50	ND<50	--	ND	--	1,700	ND	ND<50	--	--	--	--	--
		Jan-88	ND<100	10,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND	--	3,200	ND	ND<100	--	--	--	--	--
		May-88	ND<50	7,100	--	--	ND<50	ND<50	100	ND<50	ND<50	--	ND	--	640	ND	ND<50	--	--	--	--	--
		Aug-88	ND<100	16,000	--	--	ND<100	ND<100	300	ND<100	ND<100	--	ND	--	2,300	ND	ND<100	--	--	--	--	--
		Nov-88	ND<50	12,000	--	--	ND<50	ND<50	200	50	ND<50	--	ND	--	1,400	ND	ND<50	--	--	--	--	--
		Feb-89	ND<250	9,300	--	--	ND<250	ND<250	ND<250	ND<250	ND<250	--	ND	--	550	ND	ND<250	--	--	--	--	--
		May-89	13	14,000	--	--	10.3	ND<0.2	320	80	10	--	ND	--	1,900	ND	ND<0.2	--	--	--	--	--
		May-89	ND<50	13,000	--	--	ND<50	ND<50	250	ND<50	ND<50	--	ND	--	1,700	ND	ND<50	--	--	--	--	--
		Aug-89	ND<50	13,000	--	--	ND<50	ND<50	200	ND<50	ND<50	--	ND	--	1,500	ND	ND<50	--	--	--	--	--
		Oct-89	ND<50	13,000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND	--	3,400	ND	ND<50	--	--	--	--	--
		Jan-90	ND<100	16,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	1,800	ND	ND<100	ND	--	--	--	--
		Jan-90	ND<100	15,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	1,600	ND	ND<100	ND	--	--	--	--
		Jan-90	ND<20	15,000	--	--	ND<20	ND<20	ND<90	ND<20	ND<20	ND	ND	ND	1,600	ND	ND<20	ND	--	--	--	--
		Apr-90	ND<100	11,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	670	ND	ND<100	ND	--	--	--	--
		Apr-90	ND<100	11,000	--	--	ND<100	ND<100	ND<100	ND<100	ND<100	ND	ND	ND	600	ND	ND<100	ND	--	--	--	--
		Apr-90	ND<25	7,500	--	--	ND<25	ND<50	55	45	ND<25	ND	ND	ND	1,100	ND	ND<25	ND	--	--	--	--
		Jul-90	ND<20	4,600	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	490	ND	ND<20	ND	--	--	--	--
		Jul-90	ND<200	6,800	--	--	ND<200	ND<400	ND<200	ND<200	ND<200	ND	ND	ND	860	ND	ND<200	ND	--	--	--	--
		Oct-90	ND<20	4,200	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	550	ND	ND<20	ND	--	--	--	--
		Jan-91	ND<20	4,100	--	--	ND<20	ND<20	ND<20	40	ND<20	ND	ND	ND	150	ND	ND<20	ND	--	--	--	--
		Jan-91	ND<20	4,000	--	--	ND<20	ND<20	ND<20	70	ND<20	ND	ND	ND	160	ND	ND<20	ND	--	--	--	--
		Jan-91	ND<25	3,000	--	--	ND<25	ND<50	27	41	ND<25	ND	ND	ND	270	ND	ND<25	ND	--	--	--	--
		Apr-91	ND<50	5,200	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	340	ND	ND<50	ND	--	--	--	--
		Apr-91	ND<50	3,500	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	210	ND	ND<50	ND	--	--	--	--
		Apr-91	1	2,200	--	--	5.5	ND<1.0	6.0	16	1.4	ND	ND	ND	170	ND	ND<0.5	ND	--	--	--	--
		Jul-91	ND<50	7,000	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	220	ND	ND<50	ND	--	--	--	--
		Jul-91	ND<50	6,800	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	360	ND	ND<50	ND	--	--	--	--
		Jul-91	ND<50	5,400	--	--	ND<50	ND<100	ND<50	ND<50	ND<50	ND	ND	ND	200	ND	ND<50	ND	--	--	--	--
		Oct-91	ND<50	5,900	--	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND	ND	ND	ND<50	ND	ND<50	ND	--	--	--	--
		Oct-91	ND<20	2,700	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	110	ND	ND<20	ND	--	--	--	--
		Oct-91	ND<10	4,100	--	--	ND<10	ND<20	ND<10	ND<10	ND<10	ND	ND	ND	180	ND	ND<10	ND	--	--	--	--
		Jan-92	ND<30	2,900	--	--	ND<30	ND<30	ND<30	ND<30	ND<30	ND	ND	ND	90	ND	ND<30	ND	--	--	--	--
		Apr-92	ND<20	4,400	--	--	ND<20	ND<20	ND<20	ND<20	ND<20	ND	ND	ND	ND<20	ND	ND<20	ND	--	--	--	--
		Apr-92	3.0	2,300	--	--	6.5	ND<0.5	4.5	79	0.6	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	250	--	--	0.8	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	290	--	--	0.9	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	97	--	--	1.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	8.3	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<0.5	260	--	--	0.9	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-94	ND<25	200	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	ND	ND	ND	ND<25	ND	ND<25	ND	--	--	--	--
		Oct-95	ND<1.0	38	--	--	3.2	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	46	1.6	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	0.8	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<2.5	57	ND<2.5	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND	ND	ND	ND<2.5	ND	ND<5.0	ND	--	--	--	--
		Oct-98	ND<5.0	130	12	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	9.7	ND	ND<5.0	ND	--	--	--	--
		Oct-99	ND<2.0	110	20	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	11	ND	ND<2.0	ND	--	--	--	--
		Oct-00	ND<40	440	58	ND<40	--	ND<40	ND<40	ND<40	ND<40	ND<40	ND	ND	ND<40	ND	ND<40	ND<40	--	--	--	--
		Oct-01	ND<50	1,600	180	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	100	780	ND<200	ND<50	ND<50	--	--	--	--
		Oct-02	ND<2.5	390	18	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<5.0	61	ND<10	ND<2.5	ND<2.5	--	--	--	--
		Oct-03	ND<5.0	290	9.8	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	40	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Oct-04	ND<2.0	270	10	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	39	ND<8.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-05	ND<5.0	710	28	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	110	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
		Oct-06	ND<2.5	340	14	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	70	ND<2.5	ND<2.5	ND<2.5	--	--	--	--
		Oct-07	2.5	4,500	100	6.5	--	6.8	ND<2.5	7.1	ND<2.5	ND<2.5	ND<2.5	ND<2.5	570	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-08	ND<50	1,900	68	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<100	ND<50	450	ND<100	ND<50	ND<50	ND<50	ND<50	ND<50	ND<100
		Oct-09	ND<0.50	3.0	350	4.0	--	14	ND<0.50	2.4	ND<0.50	ND<0.50	ND<1.0	ND<0.50	57	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<0.50	790	61	2.2	--	2.5	ND<0.50	2.4	ND<0.50	ND<0.50	ND<1.0	ND<0.50	120	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<5.0	890	88	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	160	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10
		Oct-12	ND<5.0	1,200	83	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10.0	ND<5.0	160	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10

Appendix D1 - Historical Groundwater Volatile Organic Compound Results
Former TRW Microwave Site
825 Stewart Drive, Sunnyvale, California

Well/Sample Number	Duplicate Collected	Sample Dates	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2-DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-10C (continued)		Oct-13	ND<10	1100	58	ND<10	--	ND<10	ND<10	ND<10	ND<10		ND<20	ND<10	170	ND<20	ND<10	ND<10	--	--	--	--
		Oct-14	ND<10	1300	76	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	170	ND<20	ND<10	ND<10	--	--	--	--
		Jun-15	ND<0.50	690	1500	14	--	7.2	ND<0.50	9.9	ND<0.50	ND<0.50	ND<1.0	20	190	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	ND<25	32	1600	ND<25	--	ND<25	ND<25	ND<25	ND<25	ND<25	ND<50	ND<25	32	ND<50	ND<25	ND<25	--	--	--	--
		May-16	ND<10	71	980	ND<10	--	19	ND<10	ND<10	ND<10	--	ND<20	ND<10	95	ND<20	ND<10	ND<10	--	--	--	--
		Oct-16	ND<10	ND<10	730	ND<10	--	41	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	90	ND<20	ND<10	ND<10	--	--	--	--
		Oct-17	ND<25	740	650	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	ND<50	ND<25	140	ND<50	ND<25	ND<25	--	--	--	--
		Oct-18	ND<25	260	890	ND<25	--	38	ND<25	ND<25	ND<25	ND<25	ND<50	ND<25	140	ND<50	ND<25	ND<25	--	--	--	--
		Oct-19	ND<5.0	390	680	7.1	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	90	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-20	ND<5.0	420	680	8.1	--	8.3	ND<5.0	5.5	ND<5.0	ND<5.0	ND<10	11	140	ND<10	ND<5.0	ND<5.0	--	--	--	--
		Oct-21	ND<5.0	240	290	3.1 J	--	ND<5.0	ND<5.0	2.1 J	ND<5.0	ND<5.0	ND<10	4.3 J	55	ND<10	ND<5.0	ND<5.0	--	--	--	--
T-11C		Jul-86	ND<1.0	1,800	--	--	ND<1.0	ND<1.0	9.7	3.2	ND<1.0	--	ND	--	710	ND	ND<1.0	--	--	--	--	--
		Jul-86	ND<25	4,600	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	2,000	ND	ND<25	--	--	--	--	--
		Sep-86	62	3,100	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	660	ND	ND<25	--	--	--	--	--
		Jan-87	ND<10	2,200	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	--	260	ND	ND<10	--	--	--	--	--
		Apr-87	11	1,600	--	--	87	ND<10	ND<10	12	ND<10	--	ND	--	210	ND	ND<10	--	--	--	--	--
		Jun-87	ND<10	2,900	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	--	230	ND	ND<10	--	--	--	--	--
		Oct-87	ND<10	1,900	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	--	140	ND	ND<10	--	--	--	--	--
		Jan-88	ND<25	2,200	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	430	ND	ND<25	--	--	--	--	--
		May-88	ND<5.0	1,100	--	--	40	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND	--	120	ND	ND<5.0	--	--	--	--	--
		Aug-88	ND<25	1,800	--	--	87	ND<25	ND<25	ND<25	ND<25	--	ND	--	230	ND	ND<25	--	--	--	--	--
		Nov-88	ND<10	740	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND	--	100	ND	ND<10	--	--	--	--	--
		Feb-89	ND<25	780	--	--	ND<25	ND<25	ND<25	ND<25	ND<25	--	ND	--	42	ND	ND<25	--	--	--	--	--
		May-89	ND<2.5	560	--	--	23	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	ND	--	49	ND	ND<2.5	--	--	--	--	--
		Aug-89	ND<2.0	680	--	--	72	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND	--	47	ND	ND<2.0	--	--	--	--	--
		Oct-89	ND<1.0	500	--	--	40	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND	--	70	ND	ND<1.0	--	--	--	--	--
		Jan-90	ND<2.0	410	--	--	5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	15	ND	ND<2.0	ND	--	--	--	--
		Apr-90	ND<5.0	570	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	13	ND	ND<5.0	ND	--	--	--	--
		Jul-90	ND<5.0	330	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	7.0	ND	ND<5.0	ND	--	--	--	--
		Oct-90	ND<2.0	330	--	--	16	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	16	ND	ND<2.0	ND	--	--	--	--
		Jan-91	ND<2.0	290	--	--	4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	10	ND	ND<2.0	ND	--	--	--	--
		Apr-91	ND<2.0	270	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	18	ND	ND<2.0	ND	--	--	--	--
		Jul-91	ND<2.0	800	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	42	ND	ND<2.0	ND	--	--	--	--
		Oct-91	ND<5.0	960	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	28	ND	ND<5.0	ND	--	--	--	--
		Jan-92	ND<5.0	1,000	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	67	ND	ND<5.0	ND	--	--	--	--
		Apr-92	ND<10	1,500	--	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
		Oct-92	ND<0.5	150	--	--	9.3	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<0.5	210	--	--	2.3	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	7.5	ND	ND<0.5	ND	--	--	--	--
		Oct-94	ND<5.0	110	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	ND<1.0	54	--	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	2.1	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	37	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	1.0	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<1.0	36	2.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<2.0	ND	--	--	--	--
		Oct-98	ND<10	270	ND<10	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND	ND	ND	ND<10	ND	ND<10	ND	--	--	--	--
	Dup	Oct-98	ND<2.0	160	ND<2.0	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	4.4	ND	ND<2.0	ND	--	--	--	--
		Oct-99	ND<5.0	290	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-00	ND<30	320	ND<30	ND<30	--	ND<30	ND<30	ND<30	ND<30	ND<30	ND	ND	ND<30	ND	ND<30	ND<30	--	--	--	--
		Oct-01	ND<5.0	300	5.7	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	10	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
		Oct-02	ND<2.5	63	2.6	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<5.0	ND<2.5	ND<10	ND<2.5	ND<2.5	--	--	--	--
		Oct-03	ND<0.5	17	0.53	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-04	ND<0.5	27	1.2	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-05	ND<0.5	28	1.6	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	0.8	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
		Oct-06	ND<2.5	330	22	ND<2.5	--	11	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	13	ND<2.5	ND<2.5	ND<2.5	--	--	--	--
		Oct-07	ND<2.5	290	20	ND<2.5	--	11	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	14	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-08	ND<0.5	18	1.2	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	0.60	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1
		Oct-09	ND<0.50	1.7	3.9	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<0.50	250	16	ND<0.50	--	3.7	ND<0.50	1.1	ND<0.50	ND<0.50	ND<1.0	ND<0.50	5.5	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<2.5	310	22	ND<2.5	--	6.4	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	16	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-12	ND<2.5	290	26	ND<2.5	--	5.2	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	17	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0
		Oct-13	ND<2.5	460	35	0.68 J	--	4.8	ND<2.5	2.4 J	ND<2.5		ND<5.0	ND<2.5	22	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Oct-14	ND<2.5	310	23	ND<2.5	--	3.6	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	15	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
		Oct-15	ND<0.50	43	3.3	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.1	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	3	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	ND<0.50	310 H	26	0.84	--	2.8	ND<0.50	2.2	ND<0.50	--	ND<1.0	ND<0.50	10	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	150	13	ND<0.50	--	ND<0.50	ND<0.50	0.61	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	ND<2.0	290	24	ND<2.0	--	ND<2.0	ND<2.0	1.5 J	ND<2.0	ND<2.0	ND<2.0	ND<4.0	7.0 J	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-20	ND<2.0	250	25	0.82 J	--	1.5 J	ND<2.0	2.2	ND<2.0	ND<2.0	ND<4.0	ND<4.0	7.2	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
	Dup	Oct-20	ND<2.0	270	25	0.90 J	--	1.6 J	ND<2.0	2.2	ND<2.0	ND<2.0	ND<4.0	ND<4.0	7.6	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-21	ND<2.0	200	17	0.57 J	--	ND<2.0	ND<2.0	1.4 J	ND<2.0	ND<2.0	ND<4.0	ND<4.0	5.0	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
	Dup	Oct-21	ND<2.0	200	18	0.55 J	--	0.72 J	ND<2.0	1.6 J	ND<2.0	ND<2.0	ND<4.0	1.3 J	5.6	ND<4.0	ND<2.0	ND<2.0	--	--	--	--
T-12C		Aug-89	ND<2.0	350	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND	--	17	ND	ND<2.0	--	--	--	--	--
		Aug-89	ND<10	260	--	--	ND<10	ND<20	ND<10	ND<10	ND<10	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-89	ND<2.0	410	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND	--	17	ND	ND<2.0	--	--	--	--	--
		Jan-90	ND<2.0	440	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	21	ND	ND<2.0	ND	--	--	--	--
		Apr-90	ND<2.0	390	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	9.0	ND	ND<2.0	ND	--	--	--	--
		Jul-90	ND<2.0	460	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	13	ND	ND<2.0	ND	--	--	--	--
		Oct-90	ND<2.0	350	--	--	2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	14	ND	ND<2.0	ND	--	--	--	--
		Jan-91	ND<2.0	290	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	4.0	ND	ND<2.0	ND	--	--	--	--
		Apr-91	ND<2.0	290	--	--	6.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	7.0	ND	ND<2.0	ND	--	--	--	--
		Jul-91	ND<1.0	240	--	--	19	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	16	ND	ND<1.0	ND	--	--	--	--
		Oct-91	ND<1.0	250	--	--	10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	11	ND	ND<1.0	ND	--	--	--	--
		Jan-92	ND<3.0	410	--	--	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND	ND	ND	10	ND	ND<3.0	ND	--	--	--	--
		Apr-92	ND<2.0	430	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	ND<2.0	ND	ND<2.0	ND	--	--	--	--
		Oct-92	ND<0.5	130	--	--	2.0	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<5.0	210	--	--	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	6.0	ND	ND<5.0	ND	--	--	--	--
		Oct-94	ND<5.0	130	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
		Oct-95	ND<1.0	100	--	--	110	5.7	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	5.7	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	120	2.4	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	2.8	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<2.5	150	ND<2.5	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND	ND	ND	ND<2.5	ND	ND<5.0	ND	--	--	--	--
		Oct-98	ND<5.0	140	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND	ND	ND	ND<5.0	ND	ND<5.0	ND	--	--	--	--
	Dup	Oct-98	ND<2.0	110	5.6	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	2.2	ND	ND<2.0	ND	--	--	--	--
		Oct-99	ND<2.0	130	18	ND<2.0	--	2.6	ND<2.0	ND<2.0	ND<2.0	ND	ND	ND	2.7	ND	ND<2.0	ND	--	--	--	--
		Oct-00	ND<10	160	14	ND<10	--	ND<10	ND<10	ND<10	ND<10	ND<10	ND	ND	ND<10	ND	ND<10	ND<10	--	--	--	--
		Oct-01	ND<5.0	150	14	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<20	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Oct-02	ND<1.0	180	17	1.4	--	1.9	ND<1.0	1.7	ND<1.0	ND<1.0	ND<2.0	ND<2.0	2.6	ND<4.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-03	ND<5.0	210	61	ND<5.0	--	6.2	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	7.8	ND<20	ND<5.0	ND<5.0	--	--	--	--
		Oct-04	ND<2.0	240	50	ND<2.0	--	4.2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<4.0	7.6	ND<8.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-05	ND<2.0	180	39	ND<2.0	--	4.3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	5.4	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-06	ND<2.0	210	37	ND<2.0	--	3.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	5.7	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
		Oct-07	ND<2.0	210	19	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	5.2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0
		Oct-08	ND<2	170	65	ND<2	--	4.7	ND<2	ND<2	ND<2	ND<2	ND<4	ND<2	3.7	ND<4	ND<2	ND<2	ND<2	ND<2	ND<2	ND<4
		Oct-09	ND<0.50	170	53	1.2	--	3.8	ND<0.50	1.7	ND<0.50	ND<0.50	ND<1.0	ND<0.50	3.4	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<0.50	6.3	4.2	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<0.50	7.6	8.7	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<0.50	9.3	11	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	140	85	1.5	--	4.7	ND<0.50	2.3	ND<0.50		ND<1.0	0.23 J	2.7	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-14	ND<1.0	140	5.1	ND<1.0	--	ND<1.0	ND<1.0	1.2	ND<1.0	ND<1.0	ND<2.0	ND<1.0	1.8	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-15	ND<0.50	2	13	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	ND<0.50	4.7	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	ND<0.50	140	6.3	0.86	--	ND<0.50	ND<0.50	1.3	ND<0.50	--	ND<1.0	ND<0.50	1.7	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	99	36	0.72	--	ND<0.50	ND<0.50	1.1	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.1	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	ND<0.50	140	6.3	0.94	--	ND<0.50	ND<0.50	1.3	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.6 J	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	ND<1.0	120	23	1.0	--	ND<1.0	ND<1.0	1.5	ND<1.0	ND<1.0	ND<2.0	ND<2.0	1.6	ND<2.0	ND<1.0	ND<1.0	--	--	--	--
		Oct-21	ND<0.50	1.9	0.54	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
36DD		Apr-83	20	18	--	--	2	ND	18	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
		May-83	ND	990	--	--	120	ND	ND	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
		Aug-83	ND<1.0	12	--	--	1.7	ND	ND<1.0	ND<1.0	ND<1.0	--	ND	--	ND<1.0	ND	ND	--	--	--	--	--
		Mar-84	--	11	--	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Nov-84	ND<0.5	5.1	--	--	6.3	--	ND<0.5	--	--	--	ND	--	--	ND	--	--	--	--	--	--
		Oct-85	ND<0.5	8.6	--	--	17	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-86	ND<0.5	31	--	--	24	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	--	ND	ND<0.5	--	--	--	--	--
		Apr-86	ND<0.5	27	--	--	2.4	ND<0.5	ND<0.5	ND<0.5	1.8	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jul-86	ND<0.5	27	--	--	22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Sep-86	ND<0.5	20	--	--	23	ND<0.5	ND<0.5	ND<0.5	1.8	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-87	ND<0.5	26	--	--	16	ND<0.5	ND<0.5	ND<0.5	2.3	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Apr-87	ND<0.5	53	--	--	45	ND<0.5	2.8	1.3	2.2	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jun-87	ND<0.5	32	--	--	38	ND<0.5	ND<0.5	ND<0.5	1.8	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Oct-87	ND<0.5	40	--	--	30	ND<0.5	1.4	0.7	3.0	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-88	ND<0.5	38	--	--	25	ND<0.5	1.0	ND<0.5	3.4	--	ND	--	1.9	ND	ND<0.5	--	--	--	--	--
		May-88	ND<0.5	68	--	--	40	ND<0.5	1.5	1.6	5.0	--	ND	--	2.6	ND	ND<0.5	--	--	--	--	--
		Aug-88	ND<1.0	72	--	--	43	ND<1.0	1.6	1.4	3.7	--	ND	--	4.7	ND	ND<1.0	--	--	--	--	--
		Nov-88	ND<5.0	85	--	--	25	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		Feb-89	ND<5.0	72	--	--	16	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND	--	ND<5.0	ND	ND<5.0	--	--	--	--	--
		May-89	ND<0.5	68	--	--	18	ND<0.5	1.1	1	2	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Aug-89	ND<0.5	70	--	--	21	ND<0.5	ND<0.5	1.5	3.1	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Oct-89	ND<0.5	62	--	--	13	ND<0.5	ND<0.5	0.5	1.5	--	ND	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-90	ND<0.5	57	--	--	20	ND<0.5	ND<0.5	ND<0.5	0.7	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-90	ND<0.5	35	--	--	15	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-90	ND<0.5	28	--	--	14	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-90	ND<0.5	1,100	--	--	16	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-91	ND<0.5	26	--	--	16	ND<0.5	ND<0.5	ND<0.5	0.6	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-91	ND<0.5	27	--	--	18	ND<0.5	ND<0.5	ND<0.5	0.6	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-91	ND<0.5	29	--	--	22	ND<0.5	ND<0.5	ND<0.5	0.8	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-91	ND<0.5	36	--	--	21	ND<0.5	ND<0.5	ND<0.5	0.8	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-92	ND<0.5	37	--	--	23	ND<0.5	ND<0.5	ND<0.5	0.9	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-92	ND<0.5	45	--	--	11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	29	--	--	5.8	ND<1.0	ND<0.5	ND<0.5	0.6	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<0.5	38	--	--	8.7	ND<1.0	ND<0.5	ND<0.5	0.6	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-94	ND<0.5	58	--	--	12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-95	ND<1.0	42	--	--	15.1	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	22	29	1.4	--	ND<0.5	ND<0.5	ND<0.5	0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-97+	ND<0.5	13	49	1.1	--	ND<0.5	ND<0.5	0.5	0.7	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-98+	ND<1.2	11	42	ND<1.2	--	ND<1.2	--	ND<1.2	ND<1.2	ND	ND	ND	ND<5.0	ND	ND<1.2	ND	--	--	--	--
		Oct-99	ND<1.0	10	77	1.2	--	ND<1.0	ND<1.0	ND<1.0	1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-00+	ND<0.5	6.4	100	1.4	--	ND<1.0	ND<0.5	ND<0.5	1.0	ND	ND	ND	ND<1.0	ND	ND<0.5	ND	--	--	--	--
		Oct-01+	ND<0.5	11	110	1.6	--	ND<0.5	ND<0.5	0.8	1.1	ND	ND	ND	ND<1.0	ND	ND<0.5	ND	--	--	--	--
		Oct-02+	ND<0.5	8.1	130	2.2	--	1.3	ND<0.5	0.7	1.0	ND	ND	ND	ND<1.0	ND	ND<0.5	ND	--	--	--	--
		Oct-03+	ND<0.5	1.2	29	1.9	--	4.6	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<1.0	ND	ND<0.5	ND	--	--	--	--

Appendix D1 - Historical Groundwater Volatile Organic Compound Results
Former TRW Microwave Site
825 Stewart Drive, Sunnyvale, California

Well/Sample Number	Duplicate Collected	Sample Dates	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2-DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard			5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
36DD (continued)		Oct-04+	ND<0.5	0.5	31	2.2	--	4.5	ND<0.5	ND<0.5	0.5	ND	ND	ND	ND<1.0	ND	ND<0.5	ND	--	--	--	--
		Oct-05+	ND<0.5	ND<0.5	73	2.5	--	12	ND<0.5	0.5	0.7	ND	ND	ND	ND<1.0	ND	ND<0.5	ND	--	--	--	--
		Oct-06+	ND<0.5	0.8	22	1.2	--	6.2	ND<0.5	ND<0.5	0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-07+	ND<0.5	1.5	22	0.8	--	3.6	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND<0.5	--	--	--	--
		Oct-08+	ND<0.5	1.6	24	1.1	--	1.6	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-09+	ND<0.5	1.3	35	1.8	--	2.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-10+	ND<0.5	ND<0.5	14	0.7	--	2.2	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-11+	ND<0.5	2.6	10	1.9	--	5.5	--	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-12+	ND<0.5	3.2	24	1.8	--	3.3	--	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-13+	ND<0.5	ND<0.5	11	0.9	--	1.3	--	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-14+	ND<0.5	ND<0.5	7.1	1.0	--	ND<0.5	--	ND<0.5	ND<0.5	--	--	--	ND<2.0	--	ND<0.5	--	--	--	--	--
		Oct-15+	ND<0.5	ND<0.5	5.7	1.1	--	1.7	--	ND<0.50	ND<0.50	--	--	--	ND<0.2	--	ND<0.50	--	--	--	--	--
		Oct-16+	ND<0.50	ND<0.50	1.8	1.4	--	7.3	--	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-18+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Oct-19+	ND<0.50	1.0	12	1.1	--	1.7	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-20+	ND<0.50	0.86	16	3.6	--	0.5	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
		Oct-21+	ND<0.50	2.0	16	2.9	--	1.6	ND<0.50	ND<0.50	ND<0.50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
T-9C		Jan-85	ND<0.5	ND<0.5	--	--	ND<0.5	--	ND<0.5	--	--	--	--	--	ND<0.5	ND	--	--	--	--	--	--
		Oct-85	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	ND	ND<0.5	--	--	--	--	--
		Apr-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jul-86	ND<0.5	9.2	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	32	ND	ND<0.5	--	--	--	--	--
		Jan-88	ND<5.0	330	--	--	ND<5.0	ND<5.0	7.5	ND<5.0	ND<5.0	--	--	--	280	ND	ND<5.0	--	--	--	--	--
		May-88	ND<2.5	470	--	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--	160	ND	ND<2.5	--	--	--	--	--
		Aug-89	ND<1.0	190	--	--	1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	33	ND	ND<1.0	--	--	--	--	--
		Oct-90	ND<0.5	81	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	9.0	ND	ND<0.5	ND	--	--	--	--
		Oct-90	ND<0.5	73	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	9.8	ND	ND<0.5	ND	--	--	--	--
		Oct-91	ND<0.5	51	--	--	1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	18	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	8	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<0.5	66	--	--	13	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	4.9	ND	ND<0.5	ND	--	--	--	--
		Oct-94	ND<0.5	12	--	--	2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-95	ND<1.0	8.6	--	--	1.8	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-96	ND<0.5	25	3.8	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<0.5	2.9	0.9	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<1.0	ND	--	--	--	--
		Oct-98	ND<1.0	2.4	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
	Dup	Oct-99	ND<1.0	4.0	1.7	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-99	ND<1.0	3.9	1.9	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-00	ND<3.0	66	43	ND<3.0	--	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND	ND	ND<3.0	ND	ND<3.0	ND<3.0	--	--	--	--
		Oct-01	ND<5.0	94	65	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
		Oct-02	ND<0.5	3.1	2.4	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<0.5	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-03	ND<2.5	83	59	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<5.0	ND<2.5	ND<10	ND<2.5	ND<2.5	--	--	--	--
		Oct-04	ND<0.5	6.1	2.9	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
		Oct-05	ND<0.5	1.7	1.4	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
		Oct-06	ND<0.5	0.88	0.54	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
		Oct-07	ND<0.5	88	36	1.4	--	1.6	ND<0.5	1.7	ND<0.5	ND<0.5	ND<1.0	ND<0.5	1.1	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
		Oct-08	ND<0.5	43	17	0.6	--	0.66	ND<0.5	0.82	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1
		Oct-09	ND<0.50	78	57	2.2	--	2.8	ND<0.50	1.7	ND<0.50	ND<0.50	ND<1.0	ND<0.50	0.63	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-10	ND<0.50	0.98	2.1	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-11	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-12	ND<0.50	5	3.7	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
		Oct-13	ND<0.50	ND<0.50	0.36 J	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-14	ND<0.50	ND<0.50	0.54	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-15	ND<0.50	0.52	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-16	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-17	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-18	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-19	ND<0.50	0.28 J	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-20	ND<0.50	12	14	0.42 J	--	0.92	ND<0.50	0.59	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
		Oct-21	ND<0.50	0.31 J	0.31 J	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
T-8D		Dec-84	ND<0.5	ND<0.5	--	--	ND<0.5	--	ND<0.5	--	--	--	ND	ND	ND<0.5	ND	--	--	--	--	--	--
		Oct-85	ND<0.5	1.1	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	55	ND	ND<0.5	--	--	--	--	--
		Jan-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	--	ND	ND<0.5	--	--	--	--	--
		Apr-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jul-86	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Sep-86	ND<0.5	2.3	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Oct-87	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-88	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		May-88	ND<0.5	0.6	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Aug-88	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Nov-88	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Feb-89	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		May-89	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Aug-89	ND<1.0	ND<1.0	--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND	ND	ND<1.0	ND	ND<1.0	--	--	--	--	--
		Oct-89	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND	ND	ND<0.5	ND	ND<0.5	--	--	--	--	--
		Jan-90	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-90	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-90	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-90	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-91	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-91	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jul-91	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-91	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Jan-92	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-92	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-92	ND<0.5	ND<0.5	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-93	ND<0.5	ND<0.5	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	--	ND	ND<0.5	ND	--	--	--	--
		Oct-93	ND<0.5	ND<0.5	--	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-94	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-94	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-95	ND<1.0	ND<1.0	--	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Apr-96	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Apr-97	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<0.5	ND	--	--	--	--
		Oct-97	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<0.5	ND	ND<1.0	ND	--	--	--	--
		Apr-98	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	ND	ND<2.0	ND	ND<0.5	ND	--	--	--	--
		Oct-98	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Apr-99	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-99	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND<1.0	ND	ND<1.0	ND	--	--	--	--
		Oct-00	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND<1.0	ND	ND<1.0	ND<1.0	--	--	--	--
		Oct-01	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<2.0	ND<0.5	ND<0.5	--	--	--	--
Per RWQCB approval, groundwater sampling of well T-8D was suspended in 2002.																						
BH10-23		Dec-18	ND<5.0	5.1	380	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
BH10-32		Dec-18	ND<5.0	73	520	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
BH11-23		Dec-18	1.3	98	83	2.3	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0	2.7	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
BH11-27		Dec-18	ND<5.0	300	310	6.8	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
BH11-36		Dec-18	ND<5.0	360	82	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	5.5	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
BH12-17		Dec-18	ND<1.0	55	70	1.6	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
BH12-25		Dec-18	ND<2.5	83	98	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
BH12-36		Dec-18	ND<5.0	120	170	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0

Notes:
Drinking water standards are Maximum Contaminant Levels (MCLs) as established by the California Department of Health Services, or if no California MCLs have been established, then USEPA MCLs were used.
Data reported as total 1,2-DCE prior to 1996.

^ = Data not previously reported due to low levels.
< = Not detected at the detection limit shown.
+ = Data provided by Advanced Micro Devices (AMD).
** = Well resampled in July 1998 due to potential labeling error.
B = Compound was found in the blank and sample.
-- or NA = Not Analyzed or Sampled
ND = Not Detected
NE = Not Established
µg/L = microgram per liter
RWQCB = California Region Water Quality Control Board - San Francisco Bay Region

1,1,1-TCA = 1,1,1-trichloroethane
1,1-DCA = 1,1-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,2-DCB = 1,2-dichlorobenzene
1,2-DCE = 1,2-dichloroethene
BEN = Benzene
BFM = Bromoform
CBN = Chlorobenzene
CDM = Chlorodibromomethane
cDCE = cis-1,2-dichloroethene

EBN = Ethylbenzene
Freon 11 = Trichlorofluoromethane
Freon 12 = Dichlorodifluoromethane
Freon 113 = 1,1,2-trichloro-1,2,2-trifluoroethane
PCE = Tetrachloroethene
TCE = Trichloroethene
tDCE = trans-1,2-dichloroethene
TOL = Toluene
VC = Vinyl Chloride
XYL = Total Xylenes

(1) - Initial results of 268 µg/L for cis-1,2-DCE was higher than standard of 200 µg/L. When rerun with dilution of 50, the result was <250 µg/L. Initial result reported in table.

Appendix D2 - Historical Groundwater Quality Parameters Results
Former TRW Microwave Site
825 Stewart Drive, Sunnyvale, California

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Dissolved Hydrogen (nM)	Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
Zone A Aquifer Wells									
36D	Nov-99	21.4	--	--	--	151	--	--	--
	Apr-03	--	--	--	--	-263	--	--	--
	Apr-04	21.0	--	--	--	-299	--	--	--
38-S	Oct-08	21.5	--	--	--	17	--	--	--
	Oct-09	20.25	--	--	--	149	--	--	--
	Oct-10	22.01	6.93	9.507	1.5	44.0	--	--	--
	Oct-11	21.80	6.92	1.366	1.2	140.6	--	--	--
	Apr-12	18.96	6.94	1.26	--	-139	--	--	1.1
	Oct-12	22.57	6.69	1.265	5.30	-19.1	--	--	<1.0
	May-13	22.8	7.01	1.286	32.8	-75	--	--	1.3
	Oct-13	21.4	6.65	1.435	3	5.8	--	--	<1
	Oct-14	21.7	6.98	1.251	5	-40.1	--	--	1.8
	Oct-15	23.2	6.91	1.237	--	39	--	--	0.57 J
	Oct-16	22.3	6.87	1.271	--	-26	--	--	2.3
	Oct-17	23.2	6.98	1333	10.00	105.6	--	--	0.58 J
	Oct-18	21.2	7.08	1.441	2	61.9	--	--	--
	Oct-19	23.28	7.11	1.544	14.9	58.9	--	--	--
	Oct-20	22	6.72	1.439	5	116.7	--	--	--
	Oct-21	22.1	7.02	1.318	1	-38.9	--	--	--
T-7A	Oct-99	20.5	--	--	--	202	1.65	500	2.3
	Jun-01	18.9	--	--	--	197	3.00	410	<5.0
	Apr-04	18.9	--	--	--	151	--	--	--
	Jan-07	18.2	6.25	1.67	--	168	--	--	--
	May-07	21.1	--	--	--	85	--	--	--
	Oct-07	21.3	7.34	0.162	202	--	--	--	--
	Oct-08	21.9	--	--	--	237	--	--	--
	Oct-09	21.40	7.01	1.7	30.8	115	--	--	--
	Oct-10	20.81	6.88	4.9	0.0	170.0	--	--	--
	Oct-11	20.54	6.91	1.535	0.0	222.0	--	--	--
	Oct-12	20.88	7.01	1.472	0.0	69.1	--	--	<1.0
	Oct-13	22.5	6.6	1.38	1	50.2	--	--	--
	Oct-14	21.7	7	1.301	1	68.1	--	--	--
	Jun-15	22.8	6.89	1.372	--	-12.2	--	--	--
	Oct-15	25.17	6.86	1.418	--	30	--	--	--
	Oct-16	22.5	6.9	1.347	--	-45.3	--	--	--
	Oct-17	23.5	6.93	1,416	1	194.6	--	--	--
	Oct-18	25.2	7.06	1.613	1	31.1	--	--	--
	Oct-19	22.3	6.94	1.468	3	95.3	--	--	--
	Oct-20	24.2	6.97	1.476	3	29.2	--	--	--
	Oct-21	23.1	6.89	1.427	10	98	--	--	--
EDUCTOR	Nov-99	21.3	7.02	1.46	0	200	0.96	470	<2.0
	Jan-01	24.4	7.01	1.45	4	-73	--	--	--
	Mar-01	18.9	7.06	1.46	20	-300	--	--	--
	Jun-01	19.6	6.93	1.44	0	-162	3.20	590	10
	Aug-01	21.0	4.92	4.17	22	-125	56,000	1,000	5,900
	Oct-01	21.2	4.85	5.22	147	-20	4,000	690	24,000
	Nov-01	19.5	--	--	--	-66	3,000	2,300	8,000
	Jan-02	19.0	--	--	--	-37	2,100	770	21,000
	Mar-02	19.7	--	--	--	-32	480	3,300	5,900
	Jul-02	19.2	--	--	--	-160	2,800	2,900	1,800
	Oct-02	19.6	5.69	5.52	1	4.7	120	6,200	3,700
	Jan-03	18.9	--	--	--	-77	--	2,200	2,800
	Apr-03	18.7	--	--	--	-400	--	2,200	1,700
	Jul-03	19.0	6.32	1.44	11	-87	--	6,200	8,000
	Oct-03	20.1	--	--	--	-236	--	2,100	200
	Jan-04	18.8	--	--	--	-260	--	1,200	16
	Apr-04	19.0	6.45	3.09	33	-247	--	1,600	46
	Oct-04	20.7	--	--	--	-220	--	1,800	25
	Jan-05	19.2	--	--	--	-239	--	--	14
	Apr-05	18.9	--	--	--	-178	--	--	55
	Jul-05	19.9	--	--	--	-115	--	--	61
	Sep-05	20.7	--	--	--	--	--	--	--
	Oct-05	20.5	--	--	--	-211	--	--	26
	Jan-06	19.8	--	--	--	-144	--	--	330
	Apr-06	19.3	--	--	--	-254	--	--	26
	Oct-06	20.5	--	--	--	-162	--	--	15
	Apr-07	19.3	6.43	0.232	51.2	-133	--	--	18
	Oct-07	20.0	--	--	--	-151	--	--	18
	Oct-08	20.5	--	--	--	-220	--	--	--
	Oct-09	20.68	--	--	--	-136	--	--	6.2
	Mar-10[(a)]	19.79	6.25	2.47	362	-292	--	900	570
	Oct-10[(b)]	18.94	7.24	2.213	391.4	-124.4	--	--	160.0
	Oct-10[(c)]	19.81	5.99	4.413	7.1	-82.8	--	960	280.0
	Mar-11	--	--	--	--	--	--	2,700	3,600
	May-11	--	5.57	--	--	-67.0	--	2,200	3,200
	Oct-11	20.40	5.48	3.806	4.0	-81.7	--	1,400	280
	Apr-12	18.45	5.24	3.813	--	-26.6	--	--	2,200
	Oct-12	20.22	5.43	3.668	9.00	-19	--	--	49
	May-13	20.26	5.49	3.478	9.4	-15.9	--	--	1,800
	Oct-13	19.9	4.91	2.306	7	11.3	--	--	1,390
	Apr-14	18.8	5.59	1.616	9	-24	--	--	634
	Sep-14	20.4	5.62	2.46	0	14	--	--	--
T-2A	Nov-99	21.0	6.77	1.49	0	181	22.8	500	4.1
	Jan-01	19.0	6.11	1.91	25	-324	190	840	410
	Mar-01	18.3	6.39	2.33	105	-221	580	820	150
	Jun-01	19.7	6.71	2.21	9	-121	12	1,900	1,600
	Aug-01	21.1	6.24	2.78	1	-127	29	330	410
	Oct-01	20.9	6.27	2.8	19	-103	15	1,700	460
	Nov-01	19.8	6.62	2.43	67	-85	11	1,200	1,100
	Jan-02	--	--	--	--	--	--	--	--
	Apr-02	19.3	6.53	3.13	48	-150	5.2	2,400	490
	Jul-02	19.2	6.40	4.227	--	-150	27	2,000	360
	Oct-02	19.6	6.48	3.79	53	-112	8	2,700	840

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Dissolved Hydrogen (nM)	Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
T-2A (continued)	Jan-03	18.6	6.82	2.68	5	-122	--	1,700	45
	Apr-03	18.9	6.65	2.39	0	-387	--	1,200	28
	Jul-03	19.2	7.11	2.51	35	-129	--	1,600	17
	Oct-03	20.2	6.79	2.53	21	-118	--	1,400	13
	Jan-04	19.3	6.32	2.33	0	-242	--	1,100	12
	Apr-04	19.3	6.54	2.37	7	-213	--	1,400	17
	Oct-04	20.7	6.51	2.82	--	-116	--	1,500	16
	Jan-05	19.2	6.74	2.58	16	-199	--	--	7.0
	Apr-05	19.1	6.67	2.2	235	-99	--	--	32
	Jul-05	20.2	6.41	2.62	--	-139	--	--	24
	Oct-05	20.7	7.06	2.03	410	-199	--	--	--
	Jan-06	20.0	6.78	0.257	13	-175	--	--	--
	Apr-06	19.5	6.86	1.82	580	-101	--	--	--
	Oct-06	19.6	7.72	2.12	202	-155	--	--	--
	Apr-07	19.4	6.18	0	131	-60	--	--	--
	Oct-07	20.7	6.49	2.41	8.6	-144	--	--	--
	Oct-08	20.7	7.02	0.19	48.6	-58	--	--	--
	Oct-09	20.64	6.81	2.5	4.3	-76	--	--	3.1 J
	10/12/2010[c]	20.19	6.66	2.006	0.0	-88.5	--	980	4.8
	10/20/2010[b]	19.91	6.65	1.655	773.4	-55.7	--	--	340
	11/15/2010[a]	19.9	6.73	0.82	225	-303	--	790	120
	Mar-11	--	--	--	--	--	--	860	180
	May-11	--	--	--	--	--	--	960	28
	Oct-11	20.16	6.65	2.339	2.2	-145.6	--	1,100	4.8
	Apr-12	18.66	6.97	1.958	--	-87.9	--	--	7.6
	Oct-12	20.03	6.73	2.252	2.1	-123.2	--	--	6.5
	May-13	20.34	7.31	2.283	57.9	-137	--	--	8.1
	Oct-13	19.8	6.36	1.877	2	-117.5	--	--	5.9
	Apr-14	19.2	6.79	2.112	4	-84	--	--	6.4
	Sep-14	20.44	6.84	2.37	0	-84	--	--	6.5
T-3A	Oct-08	21.5	7.47	0.13	0	214	--	--	--
	Oct-09	20.10	7.44	1.68	5	1.67	--	--	--
	Oct-10	20.10	6.90	5.499	0.0	80.2	--	--	--
	Oct-11	20.39	6.93	1.666	0.2	222.3	--	--	--
	Oct-12	20.66	6.90	1.445	0.0	122.3	--	--	--
	Oct-13	20	6.71	1.303	1	134.9	--	--	
	Apr-14	19.6	6.98	1.376	1	-20	--	--	--
	Sep-14	20.46	7.15	1.43	0.0	152	--	--	--
T-8A	Oct-99	21.5	5.78	1.44	1	124	1.36	510	2.2
	Jan-01	18.8	6.57	1.44	11	-311	--	--	--
	Mar-01	18.9	7.00	1.44	151	17	--	--	--
	Jun-01	21.5	6.86	1.49	0	141	3.20	510	<5.0
	Aug-01	20.1	6.71	1.45	0	140	1.10	560	<5.0
	Oct-01	21.0	6.35	1.4	10	77	3.90	470	6.4
	Nov-01	20.0	6.96	1.31	4	-116	220	450	<5.0
	Jan-02	18.9	6.77	1.35	6	73.5	1.1	510	<5.0
	Mar-02	19.3	7.01	1.69	9	59	7.9	440	<5.0
	Jul-02	20.5	6.22	2	--	316	13	450	<5.0
	Oct-02	20.5	6.93	1.33	11	67	11	480	<5.0
	Jan-03	18.9	6.89	1.4	0	143	--	--	--
	Apr-03	18.9	6.86	1.46	0	58	--	--	--
	Jul-03	20.4	7.18	1.46	0	86	--	--	--
	Oct-03	20.8	6.92	1.44	5	109	--	--	--
	Jan-04	19.6	6.50	1.46	0	170	--	420	--
	Apr-04	19.8	6.75	1.41	0	92	--	480	--
	Oct-04	21.5	6.28	1.45	0	-138	--	--	--
	Apr-05	20.0	6.98	1.44	849	77	--	--	--
	Jul-05	21.4	6.68	1.35	--	79	--	470	6.9
	Oct-05	22.1	6.55	1.61	0	-100	--	--	<5.0
	Jan-06	19.2	6.99	0.15	10	-176	--	--	<5.0
	Apr-06	19.1	6.69	1.37	13	-389	--	--	<5.0
	Jul-06	22.4	6.59	0.156	12	8	--	--	<5.0
	Oct-06	22.3	6.52	0.151	10	-101	--	--	<5.0
	Jan-07	19.4	6.33	1.6	--	21	--	--	<5.0
	Apr-07	21.3	6.73	1.55	21.9	19	--	--	<5.0
	Oct-07	22.2	7.03	0.159	8.1	-300	--	--	<5.0
	Oct-08	21.8	6.98	1.87	--	-240	--	--	--
	Feb-09	18.5	7.31	1.61	2.3	-69	--	--	--
	Oct-09	23.1	6.71	1.69	9.8	-69	--	--	<5.0
	Apr-10	18.98	6.97	1.32	24.5	-33	--	--	<5.0
	Oct-10	20.40	6.85	1.546	0.0	33.1	--	--	<1.0
	Oct-11	20.50	6.87	1.538	0.2	192.4	--	--	<1.0
	Apr-12	19.73	6.86	1.362	--	12.8	--	--	0.66 J
	Oct-12	21.24	6.89	1.41	0	69	--	--	<1.0
	May-13	22.48	6.59	1.431	26.8	63	--	--	1.2
	Oct-13	19.6	6.63	1.313	2	190.6	--	--	<1
	Apr-14	19	6.9	1.377	5	-28	--	--	1
	Oct-14	22.5	6.9	1.314	1	65.3	--	--	1
	Jun-15	24.6	6.92	1.378	--	24.5	--	--	0.68 J
	Oct-15	22.3	6.88	1.33	--	17	--	--	0.53 J
	May-16	20.2	6.67	1.32	2	38.7	--	--	1.1
	Oct-16	21.3	6.78	1.24	--	34.3	--	--	0.76 J
	Oct-17	22.0	6.94	1.404	1	59.6	--	--	0.99 J
	Oct-18	22.8	7.45	1.288	6	-137.2	--	--	--
	Oct-19	23.2	6.94	1.497	6	-98	--	--	--
	Oct-20	24.4	7.06	1.477	7	30.1	--	--	--
	Oct-21	21.8	6.95	1.398	16	50.6	--	--	--
T-9A	Jan-04	20.0	6.54	1.4	0	194	--	420	--
	Apr-04	19.2	6.75	1.65	7	144	--	490	--
	Oct-04	23.1	6.80	1.49	0	119	--	--	--
	Jan-05	20.7	6.92	1.36	503	65	--	--	--
	Apr-05	19.6	6.96	1.28	467	48	--	--	--
	Jul-05	20.8	6.37	1.34	--	126	--	470	11
	Oct-05	22.5	6.91	1.46	724	88	--	--	<5.0

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Dissolved Hydrogen (nM)	Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
T-9A (continued)	Jan-06	21.0	6.99	1.28	108	25	--	--	--
	Apr-06	19.9	6.60	1.39	70.1	-221	--	--	--
	Jul-06	20.6	6.74	0.145	113	69	--	--	--
	Oct-06	21.6	6.60	1.5	66	145	--	--	--
	Jan-07	20.2	6.36	1.57	--	92	--	--	--
	May-07	20.7	6.82	1.56	-2	6.7	--	--	--
	Oct-07	22.6	6.59	2.18	13	140	--	--	--
	Oct-08	22.9	6.7	215	--	-131	--	--	--
	Oct-09	21.89	6.59	1.66	2	49	--	--	--
	Oct-10	22.68	6.84	1.547	0.0	35.9	--	--	--
	Oct-11	21.53	6.81	1.506	0.0	234.0	--	--	--
	Oct-12	22.03	6.84	1.415	0.0	-77.1	--	--	0.055 J
	Oct-13	22.1	6.59	1.315	1	96.8	--	--	--
	Oct-14	23.8	6.92	1.329	1	56.5	--	--	--
	Oct-15	21.8	6.82	1.32	--	109.1	--	--	--
	Oct-16	22.6	6.82	1.291	--	-33.3	--	--	--
	Oct-17	21.8	6.92	1.348	1	173.4	--	--	--
	Oct-18	22.4	7.09	1.344	2	39	--	--	--
	Oct-20	25	6.67	1.355	13	-45	--	--	--
	Oct-21	23.6	6.7	1.366	2	154.9	--	--	--
T-13A	Nov-05	21.0	6.43	1.48	0	248	--	510	6.5
	Jan-06	20.2	6.97	0.158	0	244	--	--	<5.0
	Apr-06	20.0	6.98	0.721	38	111	--	--	<5.0
	Jul-06	20.8	6.23	0.154	5	199	--	--	<5.0
	Oct-06	20.6	5.86	0.17	10	188	--	--	<5.0
	Jan-07	20.4	6.39	1.72	--	65	--	--	<5.0
	Apr-07	20.2	6.38	1.69	--	145	--	--	<5.0
	Jul-07	20.4	6.70	0.134	9.9	236	--	--	<5.0
	Oct-07	20.5	6.10	2.24	259	-152	--	--	410
	Oct-08	20.4	7.15	0.32	325	-181	--	--	37
	Feb-09	19.02	7.09	1.93	65.2	-102	--	--	--
	Oct-09	20.28	6.53	1.77	1.8	-110	--	--	2.3 J
	Apr-10	18.57	6.77	1.47	23.4	-108	--	--	0.8 J
	Oct-10	19.24	6.75	1.538	0.0	-119	--	--	1.0
	Oct-11	19.60	6.79	1.524	0.0	-23	--	--	1.0
	Apr-12	18.9	6.41	1.552	--	-113	--	--	14
	Oct-12	20.4	6.60	1.48	3.4	-105.6	--	--	6.6
	May-13	20.41	7.02	1.412	55.1	-133	--	--	2.4
	Oct-13	20.6	6.85	1.418	52	-79.1	--	--	1.2
	Apr-14	19.6	6.9	1.309	12	-90	--	--	1.7
	Oct-14	20.6	6.93	1.332	4	-59.4	--	--	2.1
	Jun-15	21.8	6.86	1.393	--	-77	--	--	0.94 J
	Oct-15	21.5	6.86	1.133	--	-55	--	--	0.74 J
	May-16	20.5	6.87	1.347	6	-12.3	--	--	1.1
	Oct-16	20.1	6.81	1.271	--	-53.4	--	--	1.1
	Oct-17	20.3	6.93	1.400	2	153.4	--	--	0.52 J
	Oct-18	21.2	7.39	1.278	4	-131.8	--	--	--
	Oct-19	21.24	7.27	1.714	8.21	-12	--	--	--
	Oct-20	23.9	6.91	1.478	5	12.3	--	--	--
	Oct-21	20.2	6.9	1.416	9	-72.1	--	--	--
T-14A	Nov-05	20.6	6.37	1.44	36	242	--	490	5.4
	Jan-06	19.1	6.92	0.161	0	150	--	--	<5.0
	Apr-06	20.2	6.91	1.51	44	80	--	--	<5.0
	Oct-06	20.5	6.71	0.151	10	51	--	--	<5.0
	Apr-07	24.6	6.45	1.46	--	124	--	--	<5.0
	Jul-07	21.1	6.87	0.133	9.4	141	--	--	<5.0
	Oct-07	20.9	6.01	2.03	71.5	-163	--	--	430
	Oct-08	21.0	6.66	243	--	-466	--	--	22
	Feb-09	18.82	7.14	1.4	50.2	-89	--	--	--
	Oct-09	20.65	7.43	1.72	41.8	-154	--	--	8.0
	Apr-10	18.36	6.80	1.51	252.0	-110	--	--	1.3 J
	Oct-10	19.99	6.87	4.45	4.7	-170	--	--	1.2
	Oct-11	20.03	6.77	1.455	0.9	91	--	--	1.2
	Apr-12	17.8	6.71	1.413	--	-117	--	--	6.6
	Oct-12	20.51	6.63	1.363	3.9	-79.8	--	--	--
	May-13	20.1	7.21	1.393	31.2	-151	--	--	1.6
	Oct-13	18.2	6.67	1.232	4	-109.9	--	--	<1
	Apr-14	18.5	6.9	1.338	7	-92.5	--	--	1.2
	Oct-14	19.5	6.91	1.256	2	-68.6	--	--	1.2
	Oct-15	22.0	6.84	1.278	--	-56	--	--	0.68 J
	Oct-16	20	6.79	1.231	--	-84.5	--	--	1
	Oct-17	20.1	6.89	1.333	3	172.4	--	--	0.48 J
	Oct-18	20.9	7.33	1.319	7	-213.6	--	--	--
	Oct-19	21.14	7.24	1.499	21.6	-83.9	--	--	--
	Oct-20	23	6.9	1.343	4	-28.2	--	--	--
	Oct-21	0.21	6.6	1.318	1	-130.9	--	--	--
T-15A	Nov-05	21.5	6.44	1.46	90	-125	--	580	<5.0
	Jan-06	20.3	7.00	0.164	54	-188	--	--	<5.0
	Apr-06	20.3	7.02	0.901	466	-104	--	--	<5.0
	Jul-06	22.3	6.64	0.147	215	-23	--	--	<5.0
	Oct-06	21.4	6.77	0.147	10	-15	--	--	<5.0
	Jan-07	20.1	6.37	1.64	--	69	--	--	<5.0
	May-07	19.9	6.89	0.121	504	60	--	--	<5.0
	Jul-07	22.2	7.16	0.13	27.4	135	--	--	<5.0
	Oct-07	22.3	6.62	2.03	205	15	--	--	<5.0
	Oct-08	22.6	7.22	0.18	24.9	64	--	--	<5.0
	Oct-09	21.27	6.64	1.61	27.9	34	--	--	<5.0
	Oct-10	21.27	6.84	1.489	0.0	63	--	--	--
	Apr-12	19.8	6.81	1.337	--	94	--	--	0.98 J
	Oct-12	22.0	6.47	1.366	0	6.47	--	--	1.6
	May-13	22.05	6.47	1.444	101	114	--	--	1.3
	Oct-13	21.4	6.55	1.282	4	170.9	--	--	--
	Apr-14	20.5	6.88	1.358	2	-33	--	--	<1
	Oct-14	21.2	6.91	1.277	1	93.6	--	--	--
	Oct-15	22.8	6.83	1.319	--	27	--	--	--

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Dissolved Hydrogen (nM)	Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
T-15A (continued)	Oct-16	26.1	6.85	1.303	--	-51.4	--	--	--
	Oct-17	22.2	6.88	1.329	3	154.6	--	--	--
	Oct-18	20.5	7	1.339	1	47.9	--	--	--
	Oct-19	21.22	7.23	1.515	27.7	32.5	--	--	--
	Oct-20	22.7	6.62	1.335	2	116.9	--	--	--
	Oct-21	21	6.91	1.285	1	59.1	--	--	--
T-16A	Nov-05	22.0	6.41	1.48	15	-101	--	590	7.6
	Jan-06	20.7	6.96	1.42	224	-107	--	--	<5.0
	Apr-06	20.3	7.03	1.43	582	-105	--	--	<5.0
	Oct-06	22.3	6.87	0.15	526	-57	--	--	<5.0
	May-07	20.5	6.86	0.99	78	51	--	--	<5.0
	Oct-07	21.8	7.06	0.15	567	-34	--	--	<5.0
	Oct-08	24.0	6.73	212	--	-135	--	--	<5.0
	Oct-09	22.7	6.24	1.72	6	15	--	--	<5.0
	Oct-10	21.26	6.82	2.996	3.1	139.7	--	--	--
	Oct-11	21.35	6.80	1.479	-0.7	274.7	--	--	--
	Oct-12	22.02	6.71	1.384	0.1	115.5	--	--	--
	Oct-13	21	6.58	1.275	26	149.2	--	--	--
	Oct-14	22.4	6.92	1.293	6	79.8	--	--	--
	Oct-15	21.9	6.84	1.286	--	-45	--	--	--
	Oct-16	20.4	6.63	1.221	--	54.4	--	--	--
	Oct-17	24.5	6.89	1.346	7	175.6	--	--	--
	Oct-18	25.2	7.31	1.343	9	-132.6	--	--	--
	Oct-19	22.1	6.88	1.371	6	81.3	--	--	--
	Oct-20	23.3	6.78	1.336	19	47.5	--	--	--
	Oct-21	21.7	6.85	1.336	11	163.5	--	--	--
T-17A	Nov-11	18.80	7.7	--	--	-25	--	--	0.71 J
	Nov-11	18.2	7.3	--	--	-58	--	--	3
	Apr-12	18.2	6.91	1.195	--	61.2	--	--	0.63 J
	Oct-12	21.1	6.87	1.313	4.9	147.6	--	--	<1.0
	May-13	20.79	6.46	1.308	38.1	170	--	--	1.1
	Oct-13	20.4	6.79	1.231	2	-30.5	--	--	<1
	Apr-14	19.6	7.02	1.258	6	-42	--	--	<1
	Oct-14	21.1	7.23	1.286	4	-47.1	--	--	1.1
	Jun-15	21.3	7.12	1.350	--	-39	--	--	0.62 J
	Oct-15	25.3	6.88	1.234	--	6	--	--	0.52 J
	May-16	20.1	6.82	1.265	4	-8.1	--	--	0.87 J
	Oct-16	21.6	7.02	1.281	--	-60.5	--	--	0.77 J
	Oct-17	20.2	6.98	1.315	4	144.6	--	--	0.53 J
	Oct-18	24.7	7.36	1.106	5	-103.8	--	--	--
	Oct-19	21.6	6.94	1.260	7	-155.1	--	--	--
	Oct-20	24.2	6.68	1.419	3	15.8	--	--	--
	Oct-21	20.7	6.99	1.32	3	39.5	--	--	--
T-19A	Sep-07	20.9	7.04	1.56	146	36	--	--	<5.0
	Oct-07	22.0	5.47	6.13	404	-136	--	--	3,500
	Oct-08	22.4	6.49	498	--	-344	--	--	24
	Feb-09	15.76	7.00	1.46	0.0	-94	--	--	--
	Oct-09	22.67	6.84	1.8	2	-120	--	--	5.1
	Apr-10	14.80	6.90	0.714	7.2	-137	--	--	7.6
	Oct-10	19.98	6.81	4.452	0.0	-120	--	--	5.5
	Oct-11	21.15	6.88	1.326	0.6	-133	--	--	5.5
	Apr-12	16.83	6.56	2.056	--	-141	--	--	16
	Oct-12	21.14	6.59	2.042	11	-136.4	--	--	12
	May-13	19.07	7.09	1.519	30.1	-159	--	--	5.4
	Oct-13	21.7	6.67	1.542	11	-105.2	--	--	4.4
	Apr-14	16	6.86	1.024	7	-96	--	--	3.6
	Oct-14	21.6	6.82	1.346	4	-119.1	--	--	3.2
	Jun-15	21.20	6.9	1.317	--	-92	--	--	1.8
	Oct-15	22.60	6.9	1.323	--	-112	--	--	1.6
	May-16	20.90	7.0	1.231	33.0	-97	--	--	2
	Oct-16	22.60	6.9	1.29	--	-80.4	--	--	1.5
	Oct-17	22.7	6.97	1.353	2.0	-31.0	--	--	1.3
	Oct-18	23.5	7.11	1.317	21	-128.1	--	--	--
	Oct-19	22.71	7.26	1.523	14.6	-78	--	--	--
	Oct-20	23.2	6.82	2.344	29	-63.9	--	--	--
	Oct-21	22	6.9	1.369	1	-89.6	--	--	--
T-23A	Sep-07	20.6	7.12	1.46	163	105	--	--	<5.0
	Oct-07	20.3	6.65	0.19	593	-230	--	--	190
	Oct-08	20.1	6.73	0.423	--	-444	--	--	19
	Feb-09	18.8	7.13	1.73	32.5	-89	--	--	--
	Oct-09	20.02	7.60	1.79	6.1	-141	--	--	15
	Apr-10	17.15	6.70	1.51	34.5	-144	--	--	1.3 J
	Oct-10	19.12	6.79	1.57	0.0	-82	--	--	1.1
	Oct-11	19.76	6.85	1.61	0.5	-16	--	--	1.1
	Apr-12	18.0	6.49	1.71	--	-123	--	--	34
	Oct-12	19.8	6.61	1.49	18.9	-91.9	--	--	6.8
	May-13	20.28	7.06	1.484	51.5	-147	--	--	3.3
	Oct-13	20.5	6.69	1.523	847	-108	--	--	3.6
	Apr-14	18.1	6.89	1.39	11	-123	--	--	1.7
	Oct-14	20.4	6.94	1.35	9	-99	--	--	3.5
	Jun-15	20.4	6.96	1.409	--	-64	--	--	0.89 J
	Oct-15	21.9	6.90	1.354	--	-84	--	--	0.85 J
	May-16	20.3	6.84	1.306	7	-36.7	--	--	1.1
	Oct-16	18.8	6.86	1.222	--	-34	--	--	1.2
	Oct-17	20.3	6.93	1.413	2	115.9	--	--	0.53 J
	Oct-18	20.2	7.26	1.406	12	-109.8	--	--	--
	Oct-19	21.31	7.15	1.704	11.6	-91.6	--	--	--
	Oct-20	23.65	6.92	2.914	44	-69.1	--	--	--
	Oct-21	20.4	6.83	1.484	12	-50.3	--	--	--
T-25A	Sep-07	21.7	7.03	1.59	144	0.71	--	--	<5.0
	Oct-07	21.4	6.89	0.14	398	-155	--	--	24
	Oct-08	22.0	7.18	0.19	17.2	-129	--	--	<5.0
	Feb-09	18.35	7.20	1.57	16.1	-86	--	--	--
	Oct-09	21.61	6.69	1.63	3.4	-101	--	--	<5.0
	Apr-10	18.11	6.80	1.57	107.0	-87	--	--	0.8 J

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Dissolved Hydrogen (nM)	Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
T-25A (continued)	Oct-10	20.06	6.87	6.54	12.1	-24.6	--	--	<1.0
	Oct-11	20.33	6.74	1.46	1.4	299.5	--	--	<1.0
	Apr-12	19.1	6.76	1.31	--	-138.2	--	--	1.5
	Oct-12	20.86	6.54	1.37	1.1	-81.2	--	--	1.5
	May-13	21.76	7.29	1.41	150	-101	--	--	1.4
	Oct-13	19.3	6.57	1.252	3	-90.2	--		<1
	Apr-14	19.2	6.91	1.341	13	-97	--	--	1
	Oct-14	20.9	6.95	1.266	2	-67.2	--	--	1.2
	Jun-15	20.7	6.82	1.350	--	-20	--	--	0.70 J
	Oct-15	22.1	6.84	1.272	--	-35	--	--	0.54 J
	May-16	20.7	6.79	1.355	30	39.7	--	--	0.85 J
	Oct-16	21.4	6.83	1.240	--	-42	--	--	0.75 J
	Oct-17	21.7	6.89	1.330	5	173.8	--	--	0.46 J
	Oct-18	23.5	7.31	1.351	5	-125.4	--	--	--
	Oct-19	21	7.24	1.495	35.1	38.3	--	--	--
	Oct-20	22.63	6.97	2.501	29	127.9	--	--	--
	Oct-21	20.8	6.82	1.29	36	-20.6	--	--	--
Zone B1 Aquifer Wells									
T-7B	Oct-99	19.3	8.74	0.41	0	75	1.19	330	2.1
	Sep-00	19.9	6.60	1.16	2	-230	--	350	2.3
	Nov-00	17.4	6.31	0.33	1	158	2.6	88	43
	Dec-00	18.4	7.82	0.37	5	-215	10	130	11
	Feb-01	18.9	7.64	0.91	--	-163	0.96	160	18
	Apr-01	19.4	6.92	1.19	30	-125	2.7	360	<2.0
	Jun-01	19.2	7.33	1.27	0	147	3.3	380	5.3
	Aug-01	19.1	6.88	1.17	0	9	2.2	360	5.6
	Oct-08	19.7	7.67	0.111	6.7	--	--	--	--
	Oct-09	20.06	6.92	1.12	46.8	101	--	--	--
	Oct-10	21.21	7.10	1.11	0.0	77.8	--	--	--
	Oct-11	21.03	7.15	1.08	9.6	66.7	--	--	--
	Oct-12	20.79	7.02	1.09	1.1	131.1	--	--	<1.0
	Oct-13	20.4	6.83	1.024	3	111.4	--	--	--
	Oct-14	20.7	7.19	1.017	1	83	--	--	--
	Jun-15	22.2	7.26	0.995	--	14	--	--	--
	Oct-15	27.7	7.55	0.958	--	162	--	--	--
	May-16	19.2	7.32	1.048	2	73	--	--	--
	Oct-16	21.5	7.81	0.851	--	6.9	--	--	--
	Oct-17	20.0	7.17	1024	1	232.4	--	--	--
	Oct-18	23.5	7.79	0.94	1	94.9	--	--	--
	Oct-19	23.8	7.25	1.007	4	115.9	--	--	--
	Oct-20	23.5	7.41	0.981	7	53.5	--	--	--
	Oct-21	21.4	7.11	1	1	129.5	--	--	--
T-2B	Nov-99	21.3	7.01	1.43	0	-6	1.65	470	4.10
	Oct-00	21	6.92	1.41	11	-18	110	480	<2.0
	Nov-00	20.6	6.57	1.57	20	-341	240	680	220
	Dec-00	19.7	6.52	2.11	75	-239	41	1,000	390
	Feb-01	20.4	6.85	1.50	--	-192	6	120	180
	Apr-01	19.6	6.66	1.55	46	-159	7.1	670	95
	Jun-01	19.6	6.95	1.47	0	-150	5.6	690	11
	Aug-01	21.0	6.07	3.41	0	-101	79	2,100	1,300
	Oct-01	20.2	6.12	3.86	16	-110	36	2,400	1,600
	Jan-02	19.3	6.45	3.52	56	-104	8.3	1,700	840
	Apr-02	18.4	6.38	3.69	40	-120	1.9	2,000	960
	Jul-02	19.6	6.55	2.79	--	-168	28	1,600	300
	Oct-02	19.8	6.79	2.98	286	-140	5.3	2,100	140
	Jan-03	18.5	6.89	2.83	3	-144	--	1,700	13
	Apr-03	19.1	6.73	2.61	10	-148	--	1,400	5.6
	Jul-03	19.4	7.05	2.60	32	-144	--	1,600	8.2
	Oct-03	20.0	6.76	2.60	20	-149	--	1,300	5.7
	Jan-04	19.3	6.47	2.54	0	-195	--	1,200	6.0
	Apr-04	19.3	6.62	2.31	3	-191	--	1,200	11
	Oct-04	20.7	6.54	2.34	0	-175	--	1,200	6.0
	Jan-05	19.4	6.76	2.02	3	-163	--	--	<1.0
	Apr-05	19.7	6.77	1.96	20	-146	--	--	28
	Jul-05	20.1	6.54	1.83	--	-152	--	--	20
	Oct-05	20.1	7.19	1.68	11	-90	--	--	<5.0
	Jan-06	19.6	6.84	0.19	92	-170	--	--	--
	Apr-06	20.0	6.99	1.56	58	-127	--	--	--
	Oct-06	19.0	7.78	1.58	331	-160	--	--	--
	Apr-07	19.7	6.84	0.13	5.9	-117	--	--	--
	Oct-07	20.0	7.11	0.146	144	-146	--	--	--
	Oct-08	20.4	6.86	--	--	-437	--	--	--
	Oct-09	20.56	6.65	2.03	3.1	-138	--	--	--
	10/12/2010[c]	20.00	6.82	1.53	7.7	-108	--	490	<1.0
	10/20/2010[b]	19.71	6.77	1.54	170.7	-95	--	--	57.0
	11/15/2010[a]	19.6	6.94	1.62	81.4	-118	--	540	27.0
	May-11	--	--	--	--	--	--	500	1.4 J
	Oct-11	19.92	6.88	1.57	0.1	-131.5	--	510	<1.0
	Apr-12	19.09	6.98	1.51	--	-105	--	--	1.2
	Oct-12	20.08	6.95	1.49	0	-119.7	--	--	0.11 J
	May-13	20.68	7.18	1.501	123	-111	--	--	1.5
	Oct-13	19.3	6.49	1.449	2	-125.8	--	--	<1
	Apr-14	19.4	6.77	1.723	5	-122	--	--	1.9
	Sep-14	19.91	7.01	1.77	0	-125	--	--	--
T-5B	Oct-08	20.0	7.69	0.118	5.9	--	--	--	--
	Oct-09	20.73	7.11	1.26	0.5	50	--	--	--
	Oct-10	21.33	7.11	1.237	0.0	107.1	--	--	--
	Oct-11	22.57	7.18	1.21	3.9	83.5	--	--	--
	Oct-12	21.05	7.11	1.23	0.0	76.9	--	--	--
	Oct-13	21.5	6.88	1.15	3	95.8	--	--	--
	Oct-14	20.7	7.25	1.107	1	149.8	--	--	--
	Oct-15	24.2	7.15	1.145	--	278	--	--	--
	Oct-16	21.5	7.56	0.927	--	9.7	--	--	--
	Oct-17	20.8	7.23	1.103	1	217.6	--	--	--

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Dissolved Hydrogen (nM)	Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
T-5B (continued)	Oct-18	23.6	7.41	1.143	1	5.9	--	--	--
	Oct-19	20.9	7.25	1.083	2	89.7	--	--	--
	Oct-20	22	7.12	1.091	2	47	--	--	--
	Oct-21	19.8	7.25	1.07	1	183.6	--	--	--
T-8B	Oct-99	22.1	5.77	1.5	0	130	1.09	500	3.1
	Oct-00	21.5	6.82	1.46	10	180	290	500	4.1
	Nov-00	20.1	6.60	1.42	1	-264	95	570	6.6
	Dec-00	19.8	7.02	1.59	7	-306	3.5	720	11
	Feb-01	19.4	7.02	1.336	--	-186	11	74	<2.0
	Apr-01	20.0	6.64	1.58	40	-133	140	610	3.6
	Jun-01	22.8	6.81	1.59	0	-42	3.5	480	<5.0
	Aug-01	20.4	6.64	1.43	0	-101	16	550	6.3
	Oct-01	21.5	6.09	1.39	22	77	11	510	<5.0
	Jan-02	18.8	6.79	1.48	18	-75	33	590	<5.0
	Mar-02	19.6	6.97	1.46	24	20	23	500	<5.0
	Jul-02	20.0	6.39	2	--	322	2000	500	<5.0
	Oct-02	20.4	6.91	1.41	143	-72	6.1	550	<5.0
	Jan-03	19.3	6.72	1.4	0	-35	--	--	--
	Apr-03	19.6	6.90	1.16	9	-83	--	--	--
	Jul-03	20.2	7.48	1.51	26	-40	--	--	--
	Oct-03	20.5	6.94	1.5	14	-30	--	--	--
	Apr-04	21.6	6.83	1.4	15	-23	--	--	--
	Oct-04	23.2	6.15	1.5	36	-161	--	--	--
	Apr-05	20.1	6.95	1.41	351	-83	--	--	--
	Jul-05	21.7	6.64	1.43	--	-59	--	500	8.3
	Oct-05	21.4	6.84	1.51	0	-96	--	--	<5.0
	Jan-06	19.6	6.95	1.35	93	-114	--	--	--
	Apr-06	20.1	6.65	1.56	32	-230	--	--	<5.0
	Jul-06	22.4	6.65	0.15	43	-113	--	--	<5.0
	Oct-06	20.7	6.75	1.38	217	-158	--	--	<5.0
	Jan-07	20.0	6.36	1.65	--	-76	--	--	<5.0
	Apr-07	24.5	6.62	1.35	9	-56	--	--	<5.0
	Oct-07	21.9	6.68	2.87	186	-112	--	--	<5.0
	Oct-08	22.0	6.78	199	--	-180	--	--	--
	Oct-09	24.31	6.42	1.55	41	-64	--	--	<5.0
	Oct-10	20.60	6.90	6.2	0.4	-57.0	--	--	--
	Oct-11	20.13	6.90	1.515	9.0	59.4	--	--	--
	Oct-12	21.73	6.77	1.432	15.6	-61.4	--	--	<1.0
	Oct-13	20.6	6.63	1.338	10	-75.6	--	--	--
	Oct-14	20.8	7.02	1.339	1	-64.4	--	--	--
	Jun-15	22.3	6.94	1.378	--	-94	--	--	--
	Oct-15	24.8	7.27	0.880	--	-138	--	--	--
	May-16	20.2	7.11	1.417	2	-53	--	--	--
	Oct-16	21.2	7.38	1.259	--	-92.1	--	--	--
	Oct-17	20.9	7.04	1.347	9	137.6	--	--	--
	Oct-18	22.4	7.21	1.389	6	-81.6	--	--	--
	Oct-19	22.5	7.03	1.303	17	-83.3	--	--	--
	Oct-20	27.5	7.08	1.328	8	-9.3	--	--	--
	Oct-21	21.9	7.07	1.297	9	-50.6	--	390	0.74 J
T-9B	Oct-08	20.4	7.57	0.127	0	--	--	--	--
	Oct-09	20.39	6.92	1.43	25.8	-55	--	--	--
	Oct-10	21.53	7.04	1.591	0.0	-168.6	--	--	--
	Oct-11	20.60	7.06	1.547	0.0	-131.8	--	--	--
	Oct-12	20.95	6.94	1.585	1.1	42.8	--	--	<1.0
	Oct-13	25.1	6.76	1.471	1	99.4	--	--	--
	Oct-14	19.9	7.09	1.403	1	234	--	--	--
	Jun-15	21.8	6.98	1.412	--	17	--	--	--
	Oct-15	24.6	7.20	0.871	--	143	--	--	--
	May-16	27.1	7.16	1.454	1	78	--	--	--
	Oct-16	18.6	8.37	0.885	--	-130.4	--	--	--
	Jan-17	20.4	7.17	1.337	1	237.9	--	--	--
	Jan-17	19.84	7.19	1.279	1	223.9	--	--	--
	Oct-17	20.7	7.12	1.408	1	172.6	--	--	--
	Oct-18	22.8	7.27	1.402	4	9	--	--	--
T-10B	Oct-05	22.0	7.04	1.3	462	15	--	--	5.4
	Jan-06	20.5	6.96	0.98	35	-43	--	--	<5.0
	Apr-06	20.8	6.61	1.59	43	-195	--	--	<5.0
	Jul-06	22.9	6.51	0.15	86	30	--	--	<5.0
	Oct-06	23.9	6.75	1.32	--	4	--	--	<5.0
	Jan-07	20.2	6.39	1.52	--	8	--	--	<5.0
	May-07	21.2	6.88	0.108	404	-58	--	--	--
	Jul-07	22.0	7.51	0.11	216	-23	--	--	--
	Oct-07	21.7	7.17	0.15	398	-55	--	--	<5.0
	Oct-08	22.3	7.19	0.273	43.2	-51	--	--	--
	Oct-09	21.62	6.27	1.65	2.3	-49	--	--	<5.0
	Oct-10	20.68	6.85	5.932	0.0	-13.0	--	--	--
	Oct-11	20.60	6.76	1.49	0.0	234.9	--	--	--
	Oct-12	21.52	6.48	1.382	0.0	130.0	--	--	<1.0
	Oct-13	18.6	6.72	1.121	2	184.8	--	--	--
	Oct-14	22.8	6.94	1.322	1	1.4		--	--
	Oct-15	24.9	7.55	0.341	--	-159		--	--
	Oct-16	20.5	6.71	397	--	-38.3	--	--	--
	Oct-17	23.6	6.89	1.42	2	146.2	--	--	--
	Oct-18	22.1	7.43	1.068	6	-79.8	--	--	--
	Oct-19	22.4	6.87	1.374	8	25.2	--	--	--
	Oct-20	22.5	6.82	1.364	5	-30.7	--	--	--
	Oct-21	21.7	6.9	0.673	5	148.3	--	420	1.9
T-4B	Oct-99	20.2	6.34	1.27	0	12	1.29	420	2.2
	Apr-03	19.5	7.30	1.22	0	277	--	--	--
	Jul-03	19.7	7.86	1.34	3	-38	--	--	--
	Jan-04	19.4	6.86	1.39	0	-61	--	430	--
	Apr-04	20.1	6.95	1.29	0	-40	--	440	--
	Oct-04	21.1	7.25	1.3	--	--	--	--	--
	Jan-05	20.0	7.24	1.41	--	-92	--	--	--
	Apr-05	19.7	7.30	1.34	343	-63	--	--	--

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Dissolved Hydrogen (nM)	Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
T-4B (continued)	Jul-05	20.7	6.98	1.32	--	11	--	460	7.6
	Oct-05	21.1	7.23	1.42	421	-37	--	--	<5.0
	Jan-06	20.5	7.34	1.28	53	-121	--	--	--
	Apr-06	20.1	6.91	1.29	22	-161	--	--	--
	Oct-06	20.1	7.79	1.34	213	-111	--	--	--
	May-07	20.3	7.54	1.05	--	95	--	--	--
	Jul-07	20.8	7.73	0.1	46.5	78	--	--	--
	Oct-07	20.2	7.59	0.14	311	-82	--	--	<5.0
	Oct-08	21.9	7.3	187	--	-144	--	--	--
	Oct-09	19.92	6.61	1.57	9.9	-137	--	--	--
	Oct-10	21.74	7.23	5.526	6.8	-17.6	--	--	--
	Oct-11	22.4	7.24	1.383	0	49.2	--	--	--
	Oct-12	21.42	7.07	1.418	5.5	19	--	--	--
	Oct-13	20.9	7.09	1.071	1	110	--	--	--
	Oct-14	21.6	7.29	1.306	2	-53.3	--	--	--
	Jun-15	20.9	7.80	0.829	--	41	--	--	--
	Oct-15	32.2	8.11	0.837	--	279	--	--	--
	May-16	21.7	7.54	1.286	9	48	--	--	--
	Oct-16	23.7	8.15	0.831	--	-8.3	--	--	--
	Oct-17	21.4	7.27	1.331	2	141.7	--	--	--
	Oct-18	23.5	7.41	1.334	1.14	-70	--	--	--
	Oct-19	20.8	7.15	1.336	3	-62.3	--	--	--
	Oct-20	21.9	7.13	1.349	3	19.2	--	--	--
	Oct-21	22.4	7.67	0.984	1	-48	--	--	--
T-17B	Jan-06	19.0	7.14	1.18	0	-82	--	--	--
	Apr-06	21.0	6.81	1.25	159	-237	--	--	--
	Jul-06	23.8	6.93	0.125	95	-106	--	--	--
	Oct-06	20.3	7.86	0.819	--	-113	--	--	--
	Jan-07	19.6	6.30	1.28	--	25	--	--	--
	May-07	20.6	7.02	0.1	205	64	--	--	--
	Jul-07	21.5	7.57	0.09	255	73	--	--	--
	Oct-07	20.8	7.39	0.12	581	-65	--	--	<5.0
	Oct-08	22.1	7.5	0.139	35.4	-186	--	--	--
	Oct-09	21.49	6.70	1.47	13.5	-36	--	--	--
	Oct-10	20.08	7.22	1.321	0.0	-28.8	--	--	--
	Oct-11	21.03	7.15	1.079	9.6	66.7	--	--	--
	Apr-12	19.08	7.12	1.152	--	34.3	--	--	0.55 J
	Oct-12	21.15	6.84	1.23	1.4	124.6	--	--	<1.0
	May-13	22	7.2	1.313		-17	--	--	1
	Oct-13	20.2	7.22	1.246	6	-14.6	--	--	<1
	Apr-14	18.4	7.21	1.248	8	-55	--	--	<1
	Oct-14	20	7.29	1.206	4	7.4	--	--	1.3
	Jun-15	22.8	7.13	1.217	--	-11.2	--	--	0.43 J
	Oct-15	22.2	7.09	1.176	--	-14	--	--	0.38 J
	May-16	25.0	7.20	1.254	67	12	--	--	0.68 J
	Oct-16	21.1	7.06	1.158	--	-33.4	--	--	0.57 J
	Oct-17	19.9	7.17	1.200	9	220.6	--	--	0.26 J
	Oct-18	21.6	7.29	1.26	5	-43.3	--	--	--
	Oct-19	21.2	7.16	1.193	7	-79.8	--	--	--
	Oct-20	22.3	7.11	1.201	7	14.7	--	--	--
	Oct-21	20.6	7.18	1.181	2	-6.6	--	--	--
T-18B	May-13	23.04	8.04	0.994	--	-175	--	--	--
	Oct-13	22	7.35	0.898	5	-89.5	--	--	--
	Oct-14	23.4	7.63	0.846	24	-76.8	--	--	--
	Oct-15	20.5	8.25	0.825	--	122.4	--	--	--
	Oct-16	20.1	7.49	0.64	--	7.9	--	--	--
	Oct-17	22.2	7.58	0.784	66	93.6	--	--	--
	Oct-18	23.3	7.64	0.853	3	-98.4	--	--	--
	Oct-19	21.5	7.77	0.785	5	-97	--	--	--
	Oct-20	24.3	7.36	1.374	527	-41.4	--	--	--
	Oct-21	20.5	7.94	0.663	0	131.1	--	--	--
T-19B	May-13	21.44	6.94	1.095	--	34	--	--	--
	Oct-13	20.6	6.86	1.008	118	93.6	--	--	--
	Oct-14	22.7	7.26	1.001	102	90.2	--	--	--
	Oct-15	20.2	7.22	1.033	--	133.6	--	--	--
	Oct-16	17.7	9.2	0.999	--	106.4	--	--	--
	Oct-17	19.4	7.16	1.008	519	305.5	--	--	--
	Oct-18	19.4	7.3	1.048	340	205.1	--	--	--
	Oct-19	18.4	7.06	1.091	9	24.7	--	--	--
	Oct-20	21.2	6.92	1	12	97.5	--	--	--
	Oct-21	20.9	7.27	1.006	11	-131.5	--	--	--
T-20B	Oct-17	22.3	7.11	1.480	42	139.6	--	--	--
	Oct-18	21.6	7.39	1.39	3	67.5	--	--	--
	Oct-19	22.1	7.2	1.346	7	19.3	--	--	--
	Oct-20	24.1	7.12	2.486	249	5.4	--	--	--
	Oct-21	20	7.26	1.37	2	-38.2	--	--	--
T-21B	Oct-17	20.5	7.08	1.267	3	185.6	--	--	--
	Oct-18	22.4	7.31	1.311	4	32.9	--	--	--
	Oct-19	23.9	7.15	1.263	3	33	--	--	--
	Oct-20	23.3	7.18	2.394	36	119.7	--	--	--
	Oct-21	20.5	7.22	1.239	1	163.3	--	--	--
T-22B	Oct-17	21.4	6.96	1.337	4	137.4	--	--	--
	Oct-18	20.3	7.02	1.391	1	75.8	--	--	--
	Oct-19	22.8	6.92	1.361	4	59.7	--	--	--
	Oct-20	23.75	6.93	2.54	30	117.8	--	--	--
	Oct-21	22	6.2	1.352	1	200.3	--	--	--
T-23B	Oct-17	25.1	7.06	1.397	177	89.2	--	--	--
	Oct-18	22.6	7.1	1.379	17	27	--	--	--
	Oct-19	23.5	6.96	1.370	3	58.3	--	--	--
	Oct-20	23.8	6.88	1.336	10	60.9	--	--	--
	Oct-21	21.6	6.89	1.348	3	88.7	--	--	--
T-24B	Oct-17	20.7	7.33	1.270	183	128.6	--	--	--
	Oct-18	21.2	7.51	1.319	1	9.8	--	--	--
	Oct-19	23	7.35	1.250	9	-22.9	--	--	--
	Oct-20	22.1	7.25	1.255	30	66	--	--	--

Appendix D2 - Historical Groundwater Quality Parameters Results
Former TRW Microwave Site
825 Stewart Drive, Sunnyvale, California

Well	Date	Temperature (°C)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	Dissolved Hydrogen (nM)	Alkalinity (mg/L as CaCO3)	Total Organic Carbon (mg/L)
T-24B	Oct-21	21.7	7.42	1.239	1	1.79	--	--	--
T-25Bs	Dec-18	21.6	7.14	1.57	9.59	134.9	--	--	--
	Oct-19	21.4	7.03	1.688	39	-105.1	--	--	--
	Oct-20	24.1	6.84	2.735	74	-25.1	--	--	--
	Oct-21	23.8	7.09	1.413	2	-53	--	490	0.95 J
T-25Bd	Dec-18	20.9	7.08	0.92	--	155.1	--	--	--
	Oct-19	21.8	7.14	1.156	3	7.1	--	--	--
	Oct-20	22.3	7.09	1.074	38	64	--	--	--
	Oct-21	23.9	7.27	1.035	1	81.3	--	--	--
Zone B2 Aquifer Wells									
T-2C	Oct-01	21.0	6.87	0.811	10	-24	2.0	320	<5.0
	Oct-07	21.8	7.06	1.26	9.5	11	2.0	320	--
	Oct-08	20	7.79	93	0	57	--	--	--
	Oct-09	20.02	7.08	0.96	372	20	--	--	--
	Oct-10	21.94	7.90	0.87	0.0	150.7	--	--	--
	Oct-11	20.32	7.50	0.899	0.9	64.3	--	--	--
	Oct-12	20.02	7.46	0.929	2.3	57.1	--	--	--
	Oct-13	19.1	7.97	0.817	2.0	147.2	--	--	--
	Apr-14	19.5	5.62	0.83	7	121	--	--	--
	Sep-14	19.77	7.84	0.91	0	110	--	--	--
T-10C	Oct-08	19.9	7.98	86	0	--	--	--	--
	Oct-09	20.53	7.52	0.914	-4.1	-91	--	--	--
	Oct-10	21.44	7.63	0.805	0.0	-117.5	--	--	--
	Oct-11	21.71	7.52	0.825	1.3	-192.2	--	--	--
	Oct-12	21.22	7.40	0.825	0.0	162.3	--	--	--
	Oct-13	20.9	7.71	0.783	7	-50.3	--	--	--
	Oct-14	20.7	7.68	0.756	5	77.7	--	--	--
	Jun-15	20.8	7.32	0.854	--	-150	--	--	--
	Oct-15	25.2	7.59	0.847	--	-222	--	--	--
	May-16	21	7.46	0.963	17	-41	--	--	--
	Oct-16	21.1	7.61	0.783	--	-32.7	--	--	--
	Oct-17	20.3	7.53	0.798	8	162.4	--	--	--
	Oct-18	22.8	7.65	0.872	3	-135.8	--	--	--
	Oct-19	22.6	7.66	0.780	8	-78.9	--	--	--
	Oct-20	23.4	7.52	0.791	8	-17.9	--	--	--
	Oct-21	21.9	7.72	0.772	5	64.3	--	--	--
T-11C	Oct-08	20.5	7.87	0.1	14.8	--	--	--	--
	Oct-09	20.31	7.22	0.98	156	71	--	--	--
	Oct-10	21.65	7.34	0.974	0.0	78.1	--	--	--
	Oct-11	21.25	7.33	0.956	0.0	-8.0	--	--	--
	Oct-12	21.66	6.94	0.971	0.0	208.0	--	--	--
	Oct-13	20.6	6.93	0.931	3	103.7	--	--	--
	Oct-14	22.2	7.38	0.903	1	37.4	--	--	--
	Oct-15	22.2	7.83	0.809	--	114	--	--	--
	Oct-16	22.6	7.61	0.775	--	-21.4	--	--	--
	Oct-17	22.7	7.37	0.895	1	90.3	--	--	--
	Oct-18	23.7	7.82	0.942	3	101.6	--	--	--
	Oct-19	22.8	7.4	0.923	7	28.9	--	--	--
	Oct-20	23.7	7.31	0.939	4	2.7	--	--	--
	Oct-21	24.7	7.31	0.939	1	159.7	--	--	--
T-12C	Oct-08	19.8	10.4	32	19.3	73	--	--	--
	Oct-09	19.13	7.70	0.88	1.4	90	--	--	--
	Oct-10	20.53	9.44	12.84	1.8	65.0	--	--	--
	Oct-11	20.36	8.95	0.255	20.9	-5.1	--	--	--
	Oct-12	19.83	9.17	0.253	8.2	4.2	--	--	--
	Oct-13	20	7.38	0.858	23	113.8	--	--	--
	Oct-14	20.3	7.5	0.827	29	96.3	--	--	--
	Oct-15	22.8	8.74	0.586	--	24	--	--	--
	Oct-16	22.2	7.95	0.455	--	-104.8	--	--	--
	Oct-17	22.0	7.49	0.846	18	101.2	--	--	--
	Oct-18	21.9	7.61	0.7	5	57.9	--	--	--
	Oct-19	20.6	7.55	0.837	4	85.9	--	--	--
	Oct-20	23.1	7.39	0.858	8	11.8	--	--	--
	Oct-21	21	9.18	0.255	0	49.1	--	--	--
Zone B3 Aquifer Wells									
T-9C	Oct-08	20.7	8.24	76	0.2	--	--	--	--
	Oct-09	20.18	7.39	0.829	113	-96	--	--	--
	Oct-10	24.07	7.55	0.807	0.0	21.3	--	--	--
	Oct-11	20.35	7.78	0.765	0.0	-127.6	--	--	--
	Oct-12	21.23	7.50	0.777	0.0	48.0	--	--	--
	Oct-13	19.4	7.48	0.739	4	122.2	--	--	--
	Oct-14	23.1	7.85	0.723	2	14.3	--	--	--
	Oct-15	22.6	7.57	0.746	--	154	--	--	--
	Oct-16	20.1	7.84	0.73	--	-25.5	--	--	--
	Oct-17	20.1	7.82	0.73	5	160.2	--	--	--
	Oct-18	22.8	7.62	0.762	1	45.8	--	--	--
	Oct-19	22	7.72	0.787	3	47	--	--	--
	Oct-20	20.3	7.49	0.762	6	39.4	--	--	--
	Oct-21	21.9	7.83	0.726	4	-61.1	--	--	--

Notes:
[a] One month post EVO injection (just before pure soybean oil injection)
[b] Immediately after EVO injection
[c] Immediately before EVO injection
°C = degree Celsius
SU = standard units
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mV = millivolts
nM = nanomolar
mg/L = milligram per liter
$CaCo_3$ = calcium carbonate
-- = not analyzed/measured
Data prior to 2009 was not collected by AECOM and cannot be verified.

Appendix E – Analytical Laboratory Reports and Chain-of-Custody Forms - 2021

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80241-1
Client Project/Site: NGC Microwave

For:
Groundwater & Environmental Services Inc
9655 Granite Ridge Drive
Suite 200
San Diego, California 92123

Attn: Jennifer Clay

Authorized for release by:
10/26/2021 5:30:26 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
Afsaneh.Salimpour@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

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

Job ID: 320-80241-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative
320-80241-1

Comments
No additional comments.

Receipt
The samples were received on 10/13/2021 10:40 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 1.5° C.

General Chemistry
Method 300.0: The following samples in analytical batch 320-533534 were diluted due to the nature of the sample matrix: J6038-T10B-101221 (320-80241-1), J6038-T25BS-101221 (320-80241-2), J6038-T8B-101221 (320-80241-3), (320-80241-A-1 MS) and (320-80241-A-1 MSD). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples in analytical batch 320-533535 were diluted due to the nature of the sample matrix: J6038-T10B-101221 (320-80241-1), J6038-T25BS-101221 (320-80241-2), J6038-T8B-101221 (320-80241-3), (320-80241-A-1 MS) and (320-80241-A-1 MSD). Elevated reporting limits (RLs) are provided.

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

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NGC Microwave

Job ID: 320-80241-1

Client Sample ID: J6038-T10B-101221 — Lab Sample ID: 320-80241-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	160		5.0	1.8	mg/L	5		300.0	Total/NA

Client Sample ID: J6038-T25BS-101221 — Lab Sample ID: 320-80241-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	170		5.0	1.8	mg/L	5		300.0	Total/NA

Client Sample ID: J6038-T8B-101221 — Lab Sample ID: 320-80241-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	200		5.0	1.8	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NGC Microwave

Job ID: 320-80241-1

Client Sample ID: J6038-T10B-101221

Lab Sample ID: 320-80241-1
Date Collected: 10/12/21 09:35
Matrix: Water
Date Received: 10/13/21 10:40

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		1.3	0.50	mg/L			10/13/21 13:32	5
Sulfate	**160**		5.0	1.8	mg/L			10/13/21 13:32	5

Client Sample ID: J6038-T25BS-101221

Lab Sample ID: 320-80241-2
Date Collected: 10/12/21 11:17
Matrix: Water
Date Received: 10/13/21 10:40

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		1.3	0.50	mg/L			10/13/21 14:25	5
Sulfate	**170**		5.0	1.8	mg/L			10/13/21 14:25	5

Client Sample ID: J6038-T8B-101221

Lab Sample ID: 320-80241-3
Date Collected: 10/12/21 13:35
Matrix: Water
Date Received: 10/13/21 10:40

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		1.3	0.50	mg/L			10/13/21 14:42	5
Sulfate	**200**		5.0	1.8	mg/L			10/13/21 14:42	5

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 320-533534/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 533534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.0	0.36	mg/L			10/13/21 12:57	1

Lab Sample ID: LCS 320-533534/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 533534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	7.50	7.50		mg/L		100	90 - 110

Lab Sample ID: 320-80241-1 MS — **Client Sample ID: J6038-T10B-101221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 533534

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	160		25.0	178	4	mg/L		87	90 - 110

Lab Sample ID: 320-80241-1 MSD — **Client Sample ID: J6038-T10B-101221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 533534

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	160		25.0	178	4	mg/L		88	90 - 110	0	10

Lab Sample ID: MB 320-533535/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 533535

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.25	0.10	mg/L			10/13/21 12:57	1

Lab Sample ID: LCS 320-533535/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 533535

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1.50	1.46		mg/L		97	90 - 110

Lab Sample ID: 320-80241-1 MS — **Client Sample ID: J6038-T10B-101221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 533535

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	ND		5.00	4.79		mg/L		96	90 - 110

Lab Sample ID: 320-80241-1 MSD — **Client Sample ID: J6038-T10B-101221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 533535

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		5.00	4.78		mg/L		96	90 - 110	0	10

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NGC Microwave

Job ID: 320-80241-1

HPLC/IC

Analysis Batch: 533534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80241-1	J6038-T10B-101221	Total/NA	Water	300.0	
320-80241-2	J6038-T25BS-101221	Total/NA	Water	300.0	
320-80241-3	J6038-T8B-101221	Total/NA	Water	300.0	
MB 320-533534/3	Method Blank	Total/NA	Water	300.0	
LCS 320-533534/4	Lab Control Sample	Total/NA	Water	300.0	
320-80241-1 MS	J6038-T10B-101221	Total/NA	Water	300.0	
320-80241-1 MSD	J6038-T10B-101221	Total/NA	Water	300.0	

Analysis Batch: 533535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80241-1	J6038-T10B-101221	Total/NA	Water	300.0	
320-80241-2	J6038-T25BS-101221	Total/NA	Water	300.0	
320-80241-3	J6038-T8B-101221	Total/NA	Water	300.0	
MB 320-533535/3	Method Blank	Total/NA	Water	300.0	
LCS 320-533535/4	Lab Control Sample	Total/NA	Water	300.0	
320-80241-1 MS	J6038-T10B-101221	Total/NA	Water	300.0	
320-80241-1 MSD	J6038-T10B-101221	Total/NA	Water	300.0	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NGC Microwave

Job ID: 320-80241-1

Client Sample ID: J6038-T10B-101221

Lab Sample ID: 320-80241-1

Date Collected: 10/12/21 09:35
Matrix: Water
Date Received: 10/13/21 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	533534	10/13/21 13:32	Y1S	TAL SAC
Total/NA	Analysis	300.0		5	10 mL	10 mL	533535	10/13/21 13:32	Y1S	TAL SAC

Client Sample ID: J6038-T25BS-101221

Lab Sample ID: 320-80241-2

Date Collected: 10/12/21 11:17
Matrix: Water
Date Received: 10/13/21 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	533534	10/13/21 14:25	Y1S	TAL SAC
Total/NA	Analysis	300.0		5	10 mL	10 mL	533535	10/13/21 14:25	Y1S	TAL SAC

Client Sample ID: J6038-T8B-101221

Lab Sample ID: 320-80241-3

Date Collected: 10/12/21 13:35
Matrix: Water
Date Received: 10/13/21 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	533534	10/13/21 14:42	Y1S	TAL SAC
Total/NA	Analysis	300.0		5	10 mL	10 mL	533535	10/13/21 14:42	Y1S	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 320-80241-1
Project/Site: NGC Microwave

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NGC Microwave

Job ID: 320-80241-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL SAC

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NGC Microwave

Job ID: 320-80241-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80241-1	J6038-T10B-101221	Water	10/12/21 09:35	10/13/21 10:40
320-80241-2	J6038-T25BS-101221	Water	10/12/21 11:17	10/13/21 10:40
320-80241-3	J6038-T8B-101221	Water	10/12/21 13:35	10/13/21 10:40

BLAINE
TECH SERVICES, INC

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

LAB: EUROFINS -TA | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS
Invoice to: NGC
Report to: GES - Jennifer Clay 619-743-9953
JeClay@gesonline.com
Cc Report to: twright@gesonline.com
SSOW Ref. Code: 11224293-J6038-010

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H2O	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOCs (8260B)	Sulfate, Nitrate (EPA 300) <48 HOUR HOLD>	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADDL INFORMATION	STATUS	CONDITION	LAB SAMPLE #
36038-T10B-101221	10/12/21	0935	W	1	250 ml poly			X								
36038-T25BS-101221		1117		1				X								
36038-TBB-101221		1335		1				X								

320-80241 Chain of Custody

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/12/2021	1335	Ciara Shirey	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	10/12/2021	1700		10/13/21	1040

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	Page: of
FedEx	10/12/2021	1700		

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 320-80241-1

Login Number: 80241
List Number: 1
Creator: Her, David A

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	seal
Sample custody seals, if present, are intact.	N/A	
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.	N/A	
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	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80333-1
Client Project/Site: TRW Microwave

For:
Groundwater & Environmental Services Inc
9655 Granite Ridge Drive
Suite 200
San Diego, California 92123

Attn: Jennifer Clay

Authorized for release by:
10/28/2021 2:31:55 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
Afsaneh.Salimpour@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Job ID: 320-80333-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative
320-80333-1

Comments
No additional comments.

Receipt
The samples were received on 10/14/2021 11:52 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 1.0° C.

GC/MS VOA
Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: J6038-T13A-101121 (320-80333-5). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 320-536266.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 and TBA-d9 for the following samples in analytical batch 320-536349 was outside acceptance criteria: J6038-T8B-101221 (320-80333-21), J6038-T7B-101221-2 (320-80333-26), J6038-T7A-101221-1 (320-80333-27) and (MB 320-536349/8). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 for the following samples in analytical batch 320-536349 was outside acceptance criteria: J6038-T8A-101221 (320-80333-22), J6038-T7A-101221-2 (320-80333-28) and J6038-T22B-101221 (320-80333-29). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: J6038-T23B-101221 (320-80333-17), J6038-T10B-101221 (320-80333-18), J6038-T16A-101221 (320-80333-19), J6038-T10C-101221 (320-80333-20), J6038-T11C-101221-1 (320-80333-23), J6038-T11C-101221-2 (320-80333-24), J6038-T7B-101221-1 (320-80333-25), J6038-T7B-101221-2 (320-80333-26), J6038-T7A-101221-1 (320-80333-27) and J6038-T7A-101221-2 (320-80333-28). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 320-536349.

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: J6038-38S-101221 (320-80333-13), J6038-T25BS-101221 (320-80333-14) and J6038-T25BD-101221 (320-80333-15). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 320-536344.

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: J6038-T9A-101121 (320-80333-2), J6038-T15A-101221 (320-80333-9), J6038-T17B-101221 (320-80333-11) and J6038-T4B-101221 (320-80333-12). Elevated reporting limits (RLs) are provided.

Method 8260B: Bromomethane recovery in the ICV associated with this batch was greater than the limit of +/- 25%D, at 27.5%. Per SOP WS-MS-0007 Rev.5.11 section 10.6.10, up to three gases are permitted to have recoveries at <30%D in the ICV; therefore, the data has been reported.
J6038-T9A-101121 (320-80333-2), TRIPBLANK-J6038-101221 (320-80333-8), J6038-T15A-101221 (320-80333-9), J6038-T17A-101221 (320-80333-10), J6038-T17B-101221 (320-80333-11) and J6038-T4B-101221 (320-80333-12)

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 320-536356.

Job ID: 320-80333-1 (Continued)

Laboratory: Eurofins TestAmerica, Sacramento (Continued)

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 for the following samples were outside acceptance criteria: J6038-T24B-101221 (320-80333-16) and (MB 320-536611/8). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 320-536611.

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: J6038-T25BS-101221 (320-80333-14), J6038-T8B-101221 (320-80333-21), J6038-T22B-101221 (320-80333-29), J6038-T5B-101321-1 (320-80333-31), J6038-T5B-101321-2 (320-80333-32), J6038-T21B-101321 (320-80333-33) and J6038-T20B-101321 (320-80333-35). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 320-536913.

Method 8260B: Internal standard (ISTD) response for TBA-d9 for the following sample was outside acceptance criteria: (CCV 320-536913/2). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 and TBA-d9 for the following sample was outside acceptance criteria: J6038-T5B-101321-2 (320-80333-32). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 320-537169 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260B: Internal standard (ISTD) response for Dioxane-d8 for the following samples in analytical batch 320-537169 was outside acceptance criteria: (CCV 320-537169/2). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: J6038-T5B-101321-1 (320-80333-31). Elevated reporting limits (RLs) are provided.

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

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

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

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

Client Sample ID: TRIPBLANK-J6038-101121 — Lab Sample ID: 320-80333-1

No Detections.

Client Sample ID: J6038-T9A-101121 — Lab Sample ID: 320-80333-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.28	J	0.50	0.070	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	3.3		0.50	0.097	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.40	J	0.50	0.10	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.59		0.50	0.13	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.6		0.50	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	48		0.50	0.10	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	110		1.0	0.36	ug/L	2		8260B	Total/NA

Client Sample ID: J6038-T19A-101121 — Lab Sample ID: 320-80333-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.37	J	0.50	0.070	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	1.2		0.50	0.097	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.43	J	0.50	0.10	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.8		0.50	0.18	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.92		0.50	0.11	ug/L	1		8260B	Total/NA
Trichloroethene	0.20	J	0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	17		0.50	0.18	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T14A-101121 — Lab Sample ID: 320-80333-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.11	J	0.50	0.070	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	2.2		0.50	0.097	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	0.15	J	0.50	0.083	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.42	J	0.50	0.10	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.31	J	0.50	0.13	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	49		0.50	0.18	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.9		0.50	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.65		0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	29		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	27		0.50	0.18	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T13A-101121 — Lab Sample ID: 320-80333-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.21	J	1.0	0.19	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	0.24	J	1.0	0.20	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	29		1.0	0.36	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	1.6		1.0	0.22	ug/L	2		8260B	Total/NA
Tetrachloroethene	0.67	J	1.0	0.20	ug/L	2		8260B	Total/NA
Trichloroethene	61		1.0	0.20	ug/L	2		8260B	Total/NA
Vinyl chloride	2.4		1.0	0.36	ug/L	2		8260B	Total/NA

Client Sample ID: J6038-T23A-101121 — Lab Sample ID: 320-80333-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.13	J	0.50	0.097	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.19	J	0.50	0.10	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: J6038-T23A-101121 (Continued) — Lab Sample ID: 320-80333-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		0.50	0.18	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		0.50	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.69		0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	53		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	6.8		0.50	0.18	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T25A-101121 — Lab Sample ID: 320-80333-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.16	J	1.0	0.12	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	2.0		0.50	0.097	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.40	J	0.50	0.10	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.48	J	0.50	0.13	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	60		0.50	0.18	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.9		0.50	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.6		0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	71		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	4.7		0.50	0.18	ug/L	1		8260B	Total/NA

Client Sample ID: TRIPBLANK-J6038-101221 — Lab Sample ID: 320-80333-8

No Detections.

Client Sample ID: J6038-T15A-101221 — Lab Sample ID: 320-80333-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.1		1.0	0.19	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	0.28	J	1.0	0.20	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	0.47	J	1.0	0.26	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	61		1.0	0.36	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	2.3		1.0	0.22	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.6		1.0	0.20	ug/L	2		8260B	Total/NA
Trichloroethene	78		1.0	0.20	ug/L	2		8260B	Total/NA

Client Sample ID: J6038-T17A-101221 — Lab Sample ID: 320-80333-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.21	J	1.0	0.12	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.18	J	0.50	0.10	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	8.2		0.50	0.18	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.6		0.50	0.11	ug/L	1		8260B	Total/NA
Methylene Chloride	0.22	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.81		0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	40		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	6.2		0.50	0.18	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T17B-101221 — Lab Sample ID: 320-80333-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.97	J	2.0	0.52	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	240		2.0	0.72	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	1.4	J	2.0	0.44	ug/L	4		8260B	Total/NA
Tetrachloroethene	0.71	J	2.0	0.40	ug/L	4		8260B	Total/NA
Trichloroethene	160		2.0	0.40	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: J6038-T17B-101221 (Continued) — Lab Sample ID: 320-80333-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	6.3		2.0	0.68	ug/L	4		8260B	Total/NA

Client Sample ID: J6038-T4B-101221 — Lab Sample ID: 320-80333-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	140		2.0	0.72	ug/L	4		8260B	Total/NA
Trichloroethene	3.6		2.0	0.40	ug/L	4		8260B	Total/NA

Client Sample ID: J6038-38S-101221 — Lab Sample ID: 320-80333-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.28	J	1.0	0.26	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	88		1.0	0.36	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	0.70	J	1.0	0.22	ug/L	2		8260B	Total/NA
Tetrachloroethene	0.78	J	1.0	0.20	ug/L	2		8260B	Total/NA
Trichloroethene	58		1.0	0.20	ug/L	2		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0		1.0	0.34	ug/L	2		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.36	ug/L	2		8260B	Total/NA

Client Sample ID: J6038-T25BS-101221 — Lab Sample ID: 320-80333-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	400		5.0	1.8	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	5.2		5.0	1.1	ug/L	10		8260B	Total/NA
Trichloroethene	11		5.0	1.0	ug/L	10		8260B	Total/NA
Vinyl chloride	42		5.0	1.8	ug/L	10		8260B	Total/NA
Methane	120		1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	1.4		1.0	0.29	ug/L	1		RSK-175	Total/NA
Ethylene	2.9		1.0	0.27	ug/L	1		RSK-175	Total/NA
Total Organic Carbon	0.95	J	1.0	0.35	mg/L	1		5310C-2011	Total/NA
Total Alkalinity	490		5.0	5.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: J6038-T25BD-101221 — Lab Sample ID: 320-80333-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.9		2.0	0.72	ug/L	4		8260B	Total/NA
Tetrachloroethene	3.4		2.0	0.40	ug/L	4		8260B	Total/NA
Trichloroethene	170		2.0	0.40	ug/L	4		8260B	Total/NA

Client Sample ID: J6038-T24B-101221 — Lab Sample ID: 320-80333-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.14	J	0.50	0.097	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.24	J	0.50	0.10	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.36	J	0.50	0.13	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	49		0.50	0.18	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.63		0.50	0.11	ug/L	1		8260B	Total/NA
Trichloroethene	7.8		0.50	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T23B-101221 — Lab Sample ID: 320-80333-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.6		2.0	0.39	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	0.75	J	2.0	0.52	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: J6038-T23B-101221 (Continued) — Lab Sample ID: 320-80333-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	120		2.0	0.72	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	2.7		2.0	0.44	ug/L	4		8260B	Total/NA
Tetrachloroethene	1.2	J	2.0	0.40	ug/L	4		8260B	Total/NA
Trichloroethene	70		2.0	0.40	ug/L	4		8260B	Total/NA

Client Sample ID: J6038-T10B-101221 — Lab Sample ID: 320-80333-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.9		1.0	0.19	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	0.46	J	1.0	0.20	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	0.38	J	1.0	0.26	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	93		1.0	0.36	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	2.3		1.0	0.22	ug/L	2		8260B	Total/NA
Tetrachloroethene	0.31	J	1.0	0.20	ug/L	2		8260B	Total/NA
Trichloroethene	22		1.0	0.20	ug/L	2		8260B	Total/NA
Vinyl chloride	51		1.0	0.36	ug/L	2		8260B	Total/NA
Methane	860		1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	8.2		1.0	0.29	ug/L	1		RSK-175	Total/NA
Ethylene	3.5		1.0	0.27	ug/L	1		RSK-175	Total/NA
Total Organic Carbon	1.9		1.0	0.35	mg/L	1		5310C-2011	Total/NA
Total Alkalinity	420		5.0	5.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: J6038-T16A-101221 — Lab Sample ID: 320-80333-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.4		1.0	0.19	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	0.28	J	1.0	0.20	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	0.31	J	1.0	0.26	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	61		1.0	0.36	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	1.8		1.0	0.22	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.20	ug/L	2		8260B	Total/NA
Trichloroethene	54		1.0	0.20	ug/L	2		8260B	Total/NA
Vinyl chloride	0.51	J	1.0	0.36	ug/L	2		8260B	Total/NA

Client Sample ID: J6038-T10C-101221 — Lab Sample ID: 320-80333-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	4.3	J	10	3.2	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	2.1	J	5.0	1.3	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	290		5.0	1.8	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	3.1	J	5.0	1.1	ug/L	10		8260B	Total/NA
Trichloroethene	240		5.0	1.0	ug/L	10		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	55		5.0	1.7	ug/L	10		8260B	Total/NA

Client Sample ID: J6038-T8B-101221 — Lab Sample ID: 320-80333-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	5.2		0.50	0.097	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.72		0.50	0.10	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.8		0.50	0.13	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.6		0.50	0.11	ug/L	1		8260B	Total/NA
Trichloroethene	18		0.50	0.10	ug/L	1		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0		0.50	0.17	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: J6038-T8B-101221 (Continued) — Lab Sample ID: 320-80333-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	11		0.50	0.18	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	410		5.0	1.8	ug/L	10		8260B	Total/NA
Methane	270		1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	1.8		1.0	0.29	ug/L	1		RSK-175	Total/NA
Ethylene	0.28	J	1.0	0.27	ug/L	1		RSK-175	Total/NA
Total Organic Carbon	0.74	J	1.0	0.35	mg/L	1		5310C-2011	Total/NA
Total Alkalinity	390		5.0	5.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: J6038-T8A-101221 — Lab Sample ID: 320-80333-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.18	J	1.0	0.12	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	0.30	J	0.50	0.097	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.24	J	0.50	0.10	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.27	J	0.50	0.13	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	21		0.50	0.18	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.6		0.50	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.98		0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	78		0.50	0.10	ug/L	1		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	0.81		0.50	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	0.39	J	0.50	0.18	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T11C-101221-1 — Lab Sample ID: 320-80333-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.4	J	2.0	0.52	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	17		2.0	0.72	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	0.57	J	2.0	0.44	ug/L	4		8260B	Total/NA
Trichloroethene	200		2.0	0.40	ug/L	4		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		2.0	0.68	ug/L	4		8260B	Total/NA

Client Sample ID: J6038-T11C-101221-2 — Lab Sample ID: 320-80333-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.3	J	4.0	1.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	1.6	J	2.0	0.52	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	18		2.0	0.72	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	0.55	J	2.0	0.44	ug/L	4		8260B	Total/NA
Trichloroethene	200		2.0	0.40	ug/L	4		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	5.6		2.0	0.68	ug/L	4		8260B	Total/NA
Vinyl chloride	0.72	J	2.0	0.72	ug/L	4		8260B	Total/NA

Client Sample ID: J6038-T7B-101221-1 — Lab Sample ID: 320-80333-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.3	J	2.0	0.39	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	7.0		2.0	0.72	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	1.2	J	2.0	0.44	ug/L	4		8260B	Total/NA
Trichloroethene	130		2.0	0.40	ug/L	4		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.7		2.0	0.68	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

Client Sample ID: J6038-T7B-101221-2 — Lab Sample ID: 320-80333-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.2	J	2.0	0.39	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	7.1		2.0	0.72	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	1.3	J	2.0	0.44	ug/L	4		8260B	Total/NA
Tetrachloroethene	0.46	J	2.0	0.40	ug/L	4		8260B	Total/NA
Trichloroethene	130		2.0	0.40	ug/L	4		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.9		2.0	0.68	ug/L	4		8260B	Total/NA

Client Sample ID: J6038-T7A-101221-1 — Lab Sample ID: 320-80333-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	39		1.0	0.36	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.22	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.0		1.0	0.20	ug/L	2		8260B	Total/NA
Trichloroethene	95		1.0	0.20	ug/L	2		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2		1.0	0.34	ug/L	2		8260B	Total/NA

Client Sample ID: J6038-T7A-101221-2 — Lab Sample ID: 320-80333-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	38		1.0	0.36	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.22	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.0		1.0	0.20	ug/L	2		8260B	Total/NA
Trichloroethene	94		1.0	0.20	ug/L	2		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2		1.0	0.34	ug/L	2		8260B	Total/NA

Client Sample ID: J6038-T22B-101221 — Lab Sample ID: 320-80333-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.12	J	1.0	0.12	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	2.2		0.50	0.097	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	0.085	J	0.50	0.083	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.36	J	0.50	0.10	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.91		0.50	0.13	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.2		0.50	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.5		0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	78		0.50	0.10	ug/L	1		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	0.17	J	0.50	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	0.52		0.50	0.18	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	140		2.0	0.72	ug/L	4		8260B	Total/NA

Client Sample ID: TRIPBLANK-J6038-101321 — Lab Sample ID: 320-80333-30

No Detections.

Client Sample ID: J6038-T5B-101321-1 — Lab Sample ID: 320-80333-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	95		10	3.6	ug/L	20		8260B	Total/NA
Tetrachloroethene	6.5	J	10	2.0	ug/L	20		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	200		10	3.4	ug/L	20		8260B	Total/NA
Trichloroethene - DL	1400		20	4.0	ug/L	40		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

Client Sample ID: J6038-T5B-101321-2 — Lab Sample ID: 320-80333-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	45		10	3.6	ug/L	20		8260B	Total/NA
Tetrachloroethene	2.7	J	10	2.0	ug/L	20		8260B	Total/NA
Trichloroethene	870		10	2.0	ug/L	20		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	93		10	3.4	ug/L	20		8260B	Total/NA

Client Sample ID: J6038-T21B-101321 — Lab Sample ID: 320-80333-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	260		5.0	1.8	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	1.7	J	5.0	1.1	ug/L	10		8260B	Total/NA
Trichloroethene	410		5.0	1.0	ug/L	10		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	14		5.0	1.7	ug/L	10		8260B	Total/NA

Client Sample ID: J6038-T18B-101321 — Lab Sample ID: 320-80333-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		0.50	0.18	ug/L	1		8260B	Total/NA
Trichloroethene	16		0.50	0.10	ug/L	1		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	0.87		0.50	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T20B-101321 — Lab Sample ID: 320-80333-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.7	J	5.0	1.3	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	370		5.0	1.8	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	2.9	J	5.0	1.1	ug/L	10		8260B	Total/NA
Trichloroethene	170		5.0	1.0	ug/L	10		8260B	Total/NA
Vinyl chloride	6.3		5.0	1.8	ug/L	10		8260B	Total/NA

Client Sample ID: J6038-T12C-101321 — Lab Sample ID: 320-80333-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.54		0.50	0.18	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		0.50	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T9C-101321 — Lab Sample ID: 320-80333-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.31	J	0.50	0.18	ug/L	1		8260B	Total/NA
Trichloroethene	0.31	J	0.50	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: J6038-T19B-101321 — Lab Sample ID: 320-80333-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.23	J	0.50	0.10	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.3		0.50	0.18	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	0.17	J	0.50	0.10	ug/L	1		8260B	Total/NA
Trichloroethene	50		0.50	0.10	ug/L	1		8260B	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	0.98		0.50	0.17	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TRIPBLANK-J6038-101121
Lab Sample ID: 320-80333-1

Date Collected: 10/11/21 08:00
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 00:43	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 00:43	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 00:43	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 00:43	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 00:43	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 00:43	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 00:43	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 00:43	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 00:43	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/22/21 00:43	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 00:43	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 00:43	1
EDB	ND		0.50	0.12	ug/L			10/22/21 00:43	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 00:43	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/22/21 00:43	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 00:43	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/22/21 00:43	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/22/21 00:43	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/22/21 00:43	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 00:43	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 00:43	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 00:43	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 00:43	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 00:43	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/22/21 00:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 00:43	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 00:43	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 00:43	1
Trichloroethene	ND		0.50	0.10	ug/L			10/22/21 00:43	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 00:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 00:43	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/22/21 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*74 - 120*		*10/22/21 00:43*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 123*		*10/22/21 00:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 123*		*10/22/21 00:43*	*1*
Toluene-d8 (Surr)	*100*		*78 - 120*		*10/22/21 00:43*	*1*

Client Sample ID: J6038-T9A-101121
Lab Sample ID: 320-80333-2

Date Collected: 10/11/21 11:46
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 01:52	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 01:52	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 01:52	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 01:52	1
Chlorobenzene	**0.28**	**J**	0.50	0.070	ug/L			10/22/21 01:52	1

Client Sample ID: J6038-T9A-101121
Lab Sample ID: 320-80333-2

Date Collected: 10/11/21 11:46
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 01:52	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 01:52	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 01:52	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 01:52	1
1,2-Dichlorobenzene	**3.3**		0.50	0.097	ug/L			10/22/21 01:52	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 01:52	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 01:52	1
EDB	ND		0.50	0.12	ug/L			10/22/21 01:52	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 01:52	1
1,1-Dichloroethane	**0.40**	J	0.50	0.10	ug/L			10/22/21 01:52	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 01:52	1
1,1-Dichloroethene	**0.59**		0.50	0.13	ug/L			10/22/21 01:52	1
trans-1,2-Dichloroethene	**2.6**		0.50	0.11	ug/L			10/22/21 01:52	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 01:52	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 01:52	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 01:52	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 01:52	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 01:52	1
Tetrachloroethene	**1.1**		0.50	0.10	ug/L			10/22/21 01:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 01:52	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 01:52	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 01:52	1
Trichloroethene	**48**		0.50	0.10	ug/L			10/22/21 01:52	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 01:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 01:52	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/22/21 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*74 - 120*		*10/22/21 01:52*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 123*		*10/22/21 01:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 123*		*10/22/21 01:52*	*1*
Toluene-d8 (Surr)	*100*		*78 - 120*		*10/22/21 01:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**110**		1.0	0.36	ug/L			10/22/21 20:03	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*74 - 120*		*10/22/21 20:03*	*2*
Dibromofluoromethane (Surr)	*100*		*80 - 123*		*10/22/21 20:03*	*2*
1,2-Dichloroethane-d4 (Surr)	*89*		*72 - 123*		*10/22/21 20:03*	*2*
Toluene-d8 (Surr)	*97*		*78 - 120*		*10/22/21 20:03*	*2*

Client Sample ID: J6038-T19A-101121
Lab Sample ID: 320-80333-3

Date Collected: 10/11/21 13:08
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 02:16	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 02:16	1

Client Sample ID: J6038-T19A-101121

Lab Sample ID: 320-80333-3

Date Collected: 10/11/21 13:08
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 02:16	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 02:16	1
Chlorobenzene	**0.37**	**J**	0.50	0.070	ug/L			10/22/21 02:16	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 02:16	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 02:16	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 02:16	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 02:16	1
1,2-Dichlorobenzene	**1.2**		0.50	0.097	ug/L			10/22/21 02:16	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 02:16	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 02:16	1
EDB	ND		0.50	0.12	ug/L			10/22/21 02:16	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 02:16	1
1,1-Dichloroethane	**0.43**	**J**	0.50	0.10	ug/L			10/22/21 02:16	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 02:16	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/22/21 02:16	1
cis-1,2-Dichloroethene	**6.8**		0.50	0.18	ug/L			10/22/21 02:16	1
trans-1,2-Dichloroethene	**0.92**		0.50	0.11	ug/L			10/22/21 02:16	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 02:16	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 02:16	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 02:16	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 02:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 02:16	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/22/21 02:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 02:16	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 02:16	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 02:16	1
Trichloroethene	**0.20**	**J**	0.50	0.10	ug/L			10/22/21 02:16	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 02:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 02:16	1
Vinyl chloride	**17**		0.50	0.18	ug/L			10/22/21 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*74 - 120*		*10/22/21 02:16*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*		*10/22/21 02:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 123*		*10/22/21 02:16*	*1*
Toluene-d8 (Surr)	*100*		*78 - 120*		*10/22/21 02:16*	*1*

Client Sample ID: J6038-T14A-101121

Lab Sample ID: 320-80333-4

Date Collected: 10/11/21 13:36
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 02:39	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 02:39	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 02:39	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 02:39	1
Chlorobenzene	**0.11**	**J**	0.50	0.070	ug/L			10/22/21 02:39	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 02:39	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 02:39	1

Client Sample ID: J6038-T14A-101121

Lab Sample ID: 320-80333-4

Date Collected: 10/11/21 13:36
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 02:39	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 02:39	1
1,2-Dichlorobenzene	**2.2**		0.50	0.097	ug/L			10/22/21 02:39	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 02:39	1
1,4-Dichlorobenzene	**0.15**	**J**	0.50	0.083	ug/L			10/22/21 02:39	1
EDB	ND		0.50	0.12	ug/L			10/22/21 02:39	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 02:39	1
1,1-Dichloroethane	**0.42**	**J**	0.50	0.10	ug/L			10/22/21 02:39	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 02:39	1
1,1-Dichloroethene	**0.31**	**J**	0.50	0.13	ug/L			10/22/21 02:39	1
cis-1,2-Dichloroethene	**49**		0.50	0.18	ug/L			10/22/21 02:39	1
trans-1,2-Dichloroethene	**1.9**		0.50	0.11	ug/L			10/22/21 02:39	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 02:39	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 02:39	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 02:39	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 02:39	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 02:39	1
Tetrachloroethene	**0.65**		0.50	0.10	ug/L			10/22/21 02:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 02:39	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 02:39	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 02:39	1
Trichloroethene	**29**		0.50	0.10	ug/L			10/22/21 02:39	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 02:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 02:39	1
Vinyl chloride	**27**		0.50	0.18	ug/L			10/22/21 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*74 - 120*		*10/22/21 02:39*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 123*		*10/22/21 02:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 123*		*10/22/21 02:39*	*1*
Toluene-d8 (Surr)	*100*		*78 - 120*		*10/22/21 02:39*	*1*

Client Sample ID: J6038-T13A-101121

Lab Sample ID: 320-80333-5

Date Collected: 10/11/21 14:10
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.28	ug/L			10/22/21 05:21	2
Bromoform	ND		2.0	0.38	ug/L			10/22/21 05:21	2
Bromomethane	ND		2.0	0.42	ug/L			10/22/21 05:21	2
Carbon tetrachloride	ND		1.0	0.24	ug/L			10/22/21 05:21	2
Chlorobenzene	ND		1.0	0.14	ug/L			10/22/21 05:21	2
Chloroethane	ND		2.0	0.48	ug/L			10/22/21 05:21	2
Chloroform	ND		2.0	0.24	ug/L			10/22/21 05:21	2
Chloromethane	ND		2.0	0.52	ug/L			10/22/21 05:21	2
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/22/21 05:21	2
1,2-Dichlorobenzene	**0.21**	**J**	1.0	0.19	ug/L			10/22/21 05:21	2
1,3-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 05:21	2
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 05:21	2

Client Sample ID: J6038-T13A-101121
Lab Sample ID: 320-80333-5

Date Collected: 10/11/21 14:10
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
EDB	ND		1.0	0.24	ug/L			10/22/21 05:21	2
Dichlorodifluoromethane	ND		2.0	0.64	ug/L			10/22/21 05:21	2
1,1-Dichloroethane	**0.24**	**J**	1.0	0.20	ug/L			10/22/21 05:21	2
1,2-Dichloroethane	ND		1.0	0.28	ug/L			10/22/21 05:21	2
1,1-Dichloroethene	ND		1.0	0.26	ug/L			10/22/21 05:21	2
cis-1,2-Dichloroethene	**29**		1.0	0.36	ug/L			10/22/21 05:21	2
trans-1,2-Dichloroethene	**1.6**		1.0	0.22	ug/L			10/22/21 05:21	2
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/22/21 05:21	2
cis-1,3-Dichloropropene	ND		1.0	0.30	ug/L			10/22/21 05:21	2
trans-1,3-Dichloropropene	ND		1.0	0.32	ug/L			10/22/21 05:21	2
Methylene Chloride	ND		2.0	0.32	ug/L			10/22/21 05:21	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/22/21 05:21	2
Tetrachloroethene	**0.67**	**J**	1.0	0.20	ug/L			10/22/21 05:21	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			10/22/21 05:21	2
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			10/22/21 05:21	2
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			10/22/21 05:21	2
Trichloroethene	**61**		1.0	0.20	ug/L			10/22/21 05:21	2
Trichlorofluoromethane	ND		2.0	0.26	ug/L			10/22/21 05:21	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.34	ug/L			10/22/21 05:21	2
Vinyl chloride	**2.4**		1.0	0.36	ug/L			10/22/21 05:21	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*74 - 120*		*10/22/21 05:21*	*2*
Dibromofluoromethane (Surr)	*111*		*80 - 123*		*10/22/21 05:21*	*2*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 123*		*10/22/21 05:21*	*2*
Toluene-d8 (Surr)	*97*		*78 - 120*		*10/22/21 05:21*	*2*

Client Sample ID: J6038-T23A-101121
Lab Sample ID: 320-80333-6

Date Collected: 10/11/21 14:40
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 03:02	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 03:02	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 03:02	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 03:02	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 03:02	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 03:02	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 03:02	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 03:02	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 03:02	1
1,2-Dichlorobenzene	**0.13**	**J**	0.50	0.097	ug/L			10/22/21 03:02	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 03:02	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 03:02	1
EDB	ND		0.50	0.12	ug/L			10/22/21 03:02	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 03:02	1
1,1-Dichloroethane	**0.19**	**J**	0.50	0.10	ug/L			10/22/21 03:02	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 03:02	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/22/21 03:02	1

Client Sample ID: J6038-T23A-101121
Lab Sample ID: 320-80333-6

Date Collected: 10/11/21 14:40
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**16**		0.50	0.18	ug/L			10/22/21 03:02	1
trans-1,2-Dichloroethene	**1.1**		0.50	0.11	ug/L			10/22/21 03:02	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 03:02	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 03:02	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 03:02	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 03:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 03:02	1
Tetrachloroethene	**0.69**		0.50	0.10	ug/L			10/22/21 03:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 03:02	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 03:02	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 03:02	1
Trichloroethene	**53**		0.50	0.10	ug/L			10/22/21 03:02	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 03:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 03:02	1
Vinyl chloride	**6.8**		0.50	0.18	ug/L			10/22/21 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*74 - 120*		*10/22/21 03:02*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 123*		*10/22/21 03:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*72 - 123*		*10/22/21 03:02*	*1*
Toluene-d8 (Surr)	*99*		*78 - 120*		*10/22/21 03:02*	*1*

Client Sample ID: J6038-T25A-101121
Lab Sample ID: 320-80333-7

Date Collected: 10/11/21 15:07
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 03:25	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 03:25	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 03:25	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 03:25	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 03:25	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 03:25	1
Chloroform	**0.16**	**J**	1.0	0.12	ug/L			10/22/21 03:25	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 03:25	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 03:25	1
1,2-Dichlorobenzene	**2.0**		0.50	0.097	ug/L			10/22/21 03:25	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 03:25	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 03:25	1
EDB	ND		0.50	0.12	ug/L			10/22/21 03:25	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 03:25	1
1,1-Dichloroethane	**0.40**	**J**	0.50	0.10	ug/L			10/22/21 03:25	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 03:25	1
1,1-Dichloroethene	**0.48**	**J**	0.50	0.13	ug/L			10/22/21 03:25	1
cis-1,2-Dichloroethene	**60**		0.50	0.18	ug/L			10/22/21 03:25	1
trans-1,2-Dichloroethene	**1.9**		0.50	0.11	ug/L			10/22/21 03:25	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 03:25	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 03:25	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 03:25	1

Client Sample ID: J6038-T25A-101121
Lab Sample ID: 320-80333-7

Date Collected: 10/11/21 15:07
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 03:25	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 03:25	1
Tetrachloroethene	**1.6**		0.50	0.10	ug/L			10/22/21 03:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 03:25	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 03:25	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 03:25	1
Trichloroethene	**71**		0.50	0.10	ug/L			10/22/21 03:25	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 03:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 03:25	1
Vinyl chloride	**4.7**		0.50	0.18	ug/L			10/22/21 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*74 - 120*		*10/22/21 03:25*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 123*		*10/22/21 03:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 123*		*10/22/21 03:25*	*1*
Toluene-d8 (Surr)	*101*		*78 - 120*		*10/22/21 03:25*	*1*

Client Sample ID: TRIPBLANK-J6038-101221
Lab Sample ID: 320-80333-8

Date Collected: 10/12/21 08:00
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 13:53	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 13:53	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 13:53	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 13:53	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 13:53	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 13:53	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 13:53	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 13:53	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 13:53	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/22/21 13:53	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 13:53	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 13:53	1
EDB	ND		0.50	0.12	ug/L			10/22/21 13:53	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 13:53	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/22/21 13:53	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 13:53	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/22/21 13:53	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/22/21 13:53	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/22/21 13:53	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 13:53	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 13:53	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 13:53	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 13:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 13:53	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/22/21 13:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 13:53	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 13:53	1

Client Sample ID: TRIPBLANK-J6038-101221
Lab Sample ID: 320-80333-8

Date Collected: 10/12/21 08:00
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 13:53	1
Trichloroethene	ND		0.50	0.10	ug/L			10/22/21 13:53	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 13:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 13:53	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/22/21 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*74 - 120*		*10/22/21 13:53*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*		*10/22/21 13:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*72 - 123*		*10/22/21 13:53*	*1*
Toluene-d8 (Surr)	*96*		*78 - 120*		*10/22/21 13:53*	*1*

Client Sample ID: J6038-T15A-101221
Lab Sample ID: 320-80333-9

Date Collected: 10/12/21 08:49
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.28	ug/L			10/22/21 20:26	2
Bromoform	ND		2.0	0.38	ug/L			10/22/21 20:26	2
Bromomethane	ND		2.0	0.42	ug/L			10/22/21 20:26	2
Carbon tetrachloride	ND		1.0	0.24	ug/L			10/22/21 20:26	2
Chlorobenzene	ND		1.0	0.14	ug/L			10/22/21 20:26	2
Chloroethane	ND		2.0	0.48	ug/L			10/22/21 20:26	2
Chloroform	ND		2.0	0.24	ug/L			10/22/21 20:26	2
Chloromethane	ND		2.0	0.52	ug/L			10/22/21 20:26	2
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/22/21 20:26	2
1,2-Dichlorobenzene	**1.1**		1.0	0.19	ug/L			10/22/21 20:26	2
1,3-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 20:26	2
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 20:26	2
EDB	ND		1.0	0.24	ug/L			10/22/21 20:26	2
Dichlorodifluoromethane	ND		2.0	0.64	ug/L			10/22/21 20:26	2
1,1-Dichloroethane	**0.28**	**J**	1.0	0.20	ug/L			10/22/21 20:26	2
1,2-Dichloroethane	ND		1.0	0.28	ug/L			10/22/21 20:26	2
1,1-Dichloroethene	**0.47**	**J**	1.0	0.26	ug/L			10/22/21 20:26	2
cis-1,2-Dichloroethene	**61**		1.0	0.36	ug/L			10/22/21 20:26	2
trans-1,2-Dichloroethene	**2.3**		1.0	0.22	ug/L			10/22/21 20:26	2
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/22/21 20:26	2
cis-1,3-Dichloropropene	ND		1.0	0.30	ug/L			10/22/21 20:26	2
trans-1,3-Dichloropropene	ND		1.0	0.32	ug/L			10/22/21 20:26	2
Methylene Chloride	ND		2.0	0.32	ug/L			10/22/21 20:26	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/22/21 20:26	2
Tetrachloroethene	**1.6**		1.0	0.20	ug/L			10/22/21 20:26	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			10/22/21 20:26	2
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			10/22/21 20:26	2
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			10/22/21 20:26	2
Trichloroethene	**78**		1.0	0.20	ug/L			10/22/21 20:26	2
Trichlorofluoromethane	ND		2.0	0.26	ug/L			10/22/21 20:26	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.34	ug/L			10/22/21 20:26	2
Vinyl chloride	ND		1.0	0.36	ug/L			10/22/21 20:26	2

Client Sample ID: J6038-T15A-101221

Lab Sample ID: 320-80333-9

Date Collected: 10/12/21 08:49
Date Received: 10/14/21 11:52

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*74 - 120*		*10/22/21 20:26*	*2*
Dibromofluoromethane (Surr)	*100*		*80 - 123*		*10/22/21 20:26*	*2*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 123*		*10/22/21 20:26*	*2*
Toluene-d8 (Surr)	*95*		*78 - 120*		*10/22/21 20:26*	*2*

Client Sample ID: J6038-T17A-101221

Lab Sample ID: 320-80333-10

Date Collected: 10/12/21 09:20
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 19:40	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 19:40	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 19:40	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 19:40	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 19:40	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 19:40	1
Chloroform	**0.21**	**J**	1.0	0.12	ug/L			10/22/21 19:40	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 19:40	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 19:40	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/22/21 19:40	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 19:40	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 19:40	1
EDB	ND		0.50	0.12	ug/L			10/22/21 19:40	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 19:40	1
1,1-Dichloroethane	**0.18**	**J**	0.50	0.10	ug/L			10/22/21 19:40	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 19:40	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/22/21 19:40	1
cis-1,2-Dichloroethene	**8.2**		0.50	0.18	ug/L			10/22/21 19:40	1
trans-1,2-Dichloroethene	**1.6**		0.50	0.11	ug/L			10/22/21 19:40	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 19:40	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 19:40	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 19:40	1
Methylene Chloride	**0.22**	**J**	1.0	0.16	ug/L			10/22/21 19:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 19:40	1
Tetrachloroethene	**0.81**		0.50	0.10	ug/L			10/22/21 19:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 19:40	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 19:40	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 19:40	1
Trichloroethene	**40**		0.50	0.10	ug/L			10/22/21 19:40	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 19:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 19:40	1
Vinyl chloride	**6.2**		0.50	0.18	ug/L			10/22/21 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*74 - 120*		*10/22/21 19:40*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 123*		*10/22/21 19:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*72 - 123*		*10/22/21 19:40*	*1*
Toluene-d8 (Surr)	*95*		*78 - 120*		*10/22/21 19:40*	*1*

Client Sample ID: J6038-T17B-101221
Lab Sample ID: 320-80333-11

Date Collected: 10/12/21 09:45
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.56	ug/L			10/22/21 20:49	4
Bromoform	ND		4.0	0.76	ug/L			10/22/21 20:49	4
Bromomethane	ND		4.0	0.84	ug/L			10/22/21 20:49	4
Carbon tetrachloride	ND		2.0	0.48	ug/L			10/22/21 20:49	4
Chlorobenzene	ND		2.0	0.28	ug/L			10/22/21 20:49	4
Chloroethane	ND		4.0	0.96	ug/L			10/22/21 20:49	4
Chloroform	ND		4.0	0.48	ug/L			10/22/21 20:49	4
Chloromethane	ND		4.0	1.0	ug/L			10/22/21 20:49	4
Chlorodibromomethane	ND		2.0	0.64	ug/L			10/22/21 20:49	4
1,2-Dichlorobenzene	ND		2.0	0.39	ug/L			10/22/21 20:49	4
1,3-Dichlorobenzene	ND		2.0	0.34	ug/L			10/22/21 20:49	4
1,4-Dichlorobenzene	ND		2.0	0.33	ug/L			10/22/21 20:49	4
EDB	ND		2.0	0.48	ug/L			10/22/21 20:49	4
Dichlorodifluoromethane	ND		4.0	1.3	ug/L			10/22/21 20:49	4
1,1-Dichloroethane	ND		2.0	0.40	ug/L			10/22/21 20:49	4
1,2-Dichloroethane	ND		2.0	0.56	ug/L			10/22/21 20:49	4
1,1-Dichloroethene	**0.97**	**J**	2.0	0.52	ug/L			10/22/21 20:49	4
cis-1,2-Dichloroethene	**240**		2.0	0.72	ug/L			10/22/21 20:49	4
trans-1,2-Dichloroethene	**1.4**	**J**	2.0	0.44	ug/L			10/22/21 20:49	4
1,2-Dichloropropane	ND		2.0	0.60	ug/L			10/22/21 20:49	4
cis-1,3-Dichloropropene	ND		2.0	0.60	ug/L			10/22/21 20:49	4
trans-1,3-Dichloropropene	ND		2.0	0.64	ug/L			10/22/21 20:49	4
Methylene Chloride	ND		4.0	0.64	ug/L			10/22/21 20:49	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.44	ug/L			10/22/21 20:49	4
Tetrachloroethene	**0.71**	**J**	2.0	0.40	ug/L			10/22/21 20:49	4
1,2,4-Trichlorobenzene	ND		4.0	1.0	ug/L			10/22/21 20:49	4
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			10/22/21 20:49	4
1,1,2-Trichloroethane	ND		2.0	0.48	ug/L			10/22/21 20:49	4
Trichloroethene	**160**		2.0	0.40	ug/L			10/22/21 20:49	4
Trichlorofluoromethane	ND		4.0	0.52	ug/L			10/22/21 20:49	4
1,1,2-Trichloro-1,2,2-trifluoroethane	**6.3**		2.0	0.68	ug/L			10/22/21 20:49	4
Vinyl chloride	ND		2.0	0.72	ug/L			10/22/21 20:49	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*74 - 120*		*10/22/21 20:49*	*4*
Dibromofluoromethane (Surr)	*96*		*80 - 123*		*10/22/21 20:49*	*4*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 123*		*10/22/21 20:49*	*4*
Toluene-d8 (Surr)	*95*		*78 - 120*		*10/22/21 20:49*	*4*

Client Sample ID: J6038-T4B-101221
Lab Sample ID: 320-80333-12

Date Collected: 10/12/21 10:17
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.56	ug/L			10/22/21 21:12	4
Bromoform	ND		4.0	0.76	ug/L			10/22/21 21:12	4
Bromomethane	ND		4.0	0.84	ug/L			10/22/21 21:12	4
Carbon tetrachloride	ND		2.0	0.48	ug/L			10/22/21 21:12	4

Client Sample ID: J6038-T4B-101221
Lab Sample ID: 320-80333-12

Date Collected: 10/12/21 10:17
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		2.0	0.28	ug/L			10/22/21 21:12	4
Chloroethane	ND		4.0	0.96	ug/L			10/22/21 21:12	4
Chloroform	ND		4.0	0.48	ug/L			10/22/21 21:12	4
Chloromethane	ND		4.0	1.0	ug/L			10/22/21 21:12	4
Chlorodibromomethane	ND		2.0	0.64	ug/L			10/22/21 21:12	4
1,2-Dichlorobenzene	ND		2.0	0.39	ug/L			10/22/21 21:12	4
1,3-Dichlorobenzene	ND		2.0	0.34	ug/L			10/22/21 21:12	4
1,4-Dichlorobenzene	ND		2.0	0.33	ug/L			10/22/21 21:12	4
EDB	ND		2.0	0.48	ug/L			10/22/21 21:12	4
Dichlorodifluoromethane	ND		4.0	1.3	ug/L			10/22/21 21:12	4
1,1-Dichloroethane	ND		2.0	0.40	ug/L			10/22/21 21:12	4
1,2-Dichloroethane	ND		2.0	0.56	ug/L			10/22/21 21:12	4
1,1-Dichloroethene	ND		2.0	0.52	ug/L			10/22/21 21:12	4
cis-1,2-Dichloroethene	**140**		2.0	0.72	ug/L			10/22/21 21:12	4
trans-1,2-Dichloroethene	ND		2.0	0.44	ug/L			10/22/21 21:12	4
1,2-Dichloropropane	ND		2.0	0.60	ug/L			10/22/21 21:12	4
cis-1,3-Dichloropropene	ND		2.0	0.60	ug/L			10/22/21 21:12	4
trans-1,3-Dichloropropene	ND		2.0	0.64	ug/L			10/22/21 21:12	4
Methylene Chloride	ND		4.0	0.64	ug/L			10/22/21 21:12	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.44	ug/L			10/22/21 21:12	4
Tetrachloroethene	ND		2.0	0.40	ug/L			10/22/21 21:12	4
1,2,4-Trichlorobenzene	ND		4.0	1.0	ug/L			10/22/21 21:12	4
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			10/22/21 21:12	4
1,1,2-Trichloroethane	ND		2.0	0.48	ug/L			10/22/21 21:12	4
Trichloroethene	**3.6**		2.0	0.40	ug/L			10/22/21 21:12	4
Trichlorofluoromethane	ND		4.0	0.52	ug/L			10/22/21 21:12	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.68	ug/L			10/22/21 21:12	4
Vinyl chloride	ND		2.0	0.72	ug/L			10/22/21 21:12	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*74 - 120*		*10/22/21 21:12*	*4*
Dibromofluoromethane (Surr)	*99*		*80 - 123*		*10/22/21 21:12*	*4*
1,2-Dichloroethane-d4 (Surr)	*88*		*72 - 123*		*10/22/21 21:12*	*4*
Toluene-d8 (Surr)	*96*		*78 - 120*		*10/22/21 21:12*	*4*

Client Sample ID: J6038-38S-101221
Lab Sample ID: 320-80333-13

Date Collected: 10/12/21 10:50
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.28	ug/L			10/22/21 17:06	2
Bromoform	ND		2.0	0.38	ug/L			10/22/21 17:06	2
Bromomethane	ND		2.0	0.42	ug/L			10/22/21 17:06	2
Carbon tetrachloride	ND		1.0	0.24	ug/L			10/22/21 17:06	2
Chlorobenzene	ND		1.0	0.14	ug/L			10/22/21 17:06	2
Chloroethane	ND		2.0	0.48	ug/L			10/22/21 17:06	2
Chloroform	ND		2.0	0.24	ug/L			10/22/21 17:06	2
Chloromethane	ND		2.0	0.52	ug/L			10/22/21 17:06	2
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/22/21 17:06	2

Client Sample ID: J6038-38S-101221

Lab Sample ID: 320-80333-13

Date Collected: 10/12/21 10:50
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/22/21 17:06	2
1,3-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 17:06	2
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 17:06	2
EDB	ND		1.0	0.24	ug/L			10/22/21 17:06	2
Dichlorodifluoromethane	ND		2.0	0.64	ug/L			10/22/21 17:06	2
1,1-Dichloroethane	ND		1.0	0.20	ug/L			10/22/21 17:06	2
1,2-Dichloroethane	ND		1.0	0.28	ug/L			10/22/21 17:06	2
1,1-Dichloroethene	**0.28**	**J**	1.0	0.26	ug/L			10/22/21 17:06	2
cis-1,2-Dichloroethene	**88**		1.0	0.36	ug/L			10/22/21 17:06	2
trans-1,2-Dichloroethene	**0.70**	**J**	1.0	0.22	ug/L			10/22/21 17:06	2
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/22/21 17:06	2
cis-1,3-Dichloropropene	ND		1.0	0.30	ug/L			10/22/21 17:06	2
trans-1,3-Dichloropropene	ND		1.0	0.32	ug/L			10/22/21 17:06	2
Methylene Chloride	ND		2.0	0.32	ug/L			10/22/21 17:06	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/22/21 17:06	2
Tetrachloroethene	**0.78**	**J**	1.0	0.20	ug/L			10/22/21 17:06	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			10/22/21 17:06	2
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			10/22/21 17:06	2
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			10/22/21 17:06	2
Trichloroethene	**58**		1.0	0.20	ug/L			10/22/21 17:06	2
Trichlorofluoromethane	ND		2.0	0.26	ug/L			10/22/21 17:06	2
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.0**		1.0	0.34	ug/L			10/22/21 17:06	2
Vinyl chloride	**1.3**		1.0	0.36	ug/L			10/22/21 17:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*74 - 120*		*10/22/21 17:06*	*2*
Dibromofluoromethane (Surr)	*107*		*80 - 123*		*10/22/21 17:06*	*2*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 123*		*10/22/21 17:06*	*2*
Toluene-d8 (Surr)	*103*		*78 - 120*		*10/22/21 17:06*	*2*

Client Sample ID: J6038-T25BS-101221

Lab Sample ID: 320-80333-14

Date Collected: 10/12/21 11:17
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		5.0	1.4	ug/L			10/25/21 18:05	10
Bromoform	ND		10	1.9	ug/L			10/25/21 18:05	10
Bromomethane	ND		10	2.1	ug/L			10/25/21 18:05	10
Carbon tetrachloride	ND		5.0	1.2	ug/L			10/25/21 18:05	10
Chlorobenzene	ND		5.0	0.70	ug/L			10/25/21 18:05	10
Chloroethane	ND		10	2.4	ug/L			10/25/21 18:05	10
Chloroform	ND		10	1.2	ug/L			10/25/21 18:05	10
Chloromethane	ND		10	2.6	ug/L			10/25/21 18:05	10
Chlorodibromomethane	ND		5.0	1.6	ug/L			10/25/21 18:05	10
1,2-Dichlorobenzene	ND		5.0	0.97	ug/L			10/25/21 18:05	10
1,3-Dichlorobenzene	ND		5.0	0.86	ug/L			10/25/21 18:05	10
1,4-Dichlorobenzene	ND		5.0	0.83	ug/L			10/25/21 18:05	10
EDB	ND		5.0	1.2	ug/L			10/25/21 18:05	10

Client Sample ID: J6038-T25BS-101221
Lab Sample ID: 320-80333-14

Date Collected: 10/12/21 11:17
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		10	3.2	ug/L			10/25/21 18:05	10
1,1-Dichloroethane	ND		5.0	1.0	ug/L			10/25/21 18:05	10
1,2-Dichloroethane	ND		5.0	1.4	ug/L			10/25/21 18:05	10
1,1-Dichloroethene	ND		5.0	1.3	ug/L			10/25/21 18:05	10
cis-1,2-Dichloroethene	**400**		5.0	1.8	ug/L			10/25/21 18:05	10
trans-1,2-Dichloroethene	**5.2**		5.0	1.1	ug/L			10/25/21 18:05	10
1,2-Dichloropropane	ND		5.0	1.5	ug/L			10/25/21 18:05	10
cis-1,3-Dichloropropene	ND		5.0	1.5	ug/L			10/25/21 18:05	10
trans-1,3-Dichloropropene	ND		5.0	1.6	ug/L			10/25/21 18:05	10
Methylene Chloride	ND		10	1.6	ug/L			10/25/21 18:05	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/25/21 18:05	10
Tetrachloroethene	ND		5.0	1.0	ug/L			10/25/21 18:05	10
1,2,4-Trichlorobenzene	ND		10	2.5	ug/L			10/25/21 18:05	10
1,1,1-Trichloroethane	ND		5.0	1.0	ug/L			10/25/21 18:05	10
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/25/21 18:05	10
Trichloroethene	**11**		5.0	1.0	ug/L			10/25/21 18:05	10
Trichlorofluoromethane	ND		10	1.3	ug/L			10/25/21 18:05	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.7	ug/L			10/25/21 18:05	10
Vinyl chloride	**42**		5.0	1.8	ug/L			10/25/21 18:05	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*74 - 120*		*10/25/21 18:05*	*10*
Dibromofluoromethane (Surr)	*106*		*80 - 123*		*10/25/21 18:05*	*10*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 123*		*10/25/21 18:05*	*10*
Toluene-d8 (Surr)	*103*		*78 - 120*		*10/25/21 18:05*	*10*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**120**		1.0	0.17	ug/L			10/20/21 21:14	1
Ethane	**1.4**		1.0	0.29	ug/L			10/20/21 21:14	1
Ethylene	**2.9**		1.0	0.27	ug/L			10/20/21 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,1-Trifluoroethane	*108*		*60 - 140*		*10/20/21 21:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**0.95**	**J**	1.0	0.35	mg/L			10/21/21 08:14	1
Total Alkalinity	**490**		5.0	5.0	mg/L			10/15/21 17:25	1

Client Sample ID: J6038-T25BD-101221
Lab Sample ID: 320-80333-15

Date Collected: 10/12/21 11:44
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.56	ug/L			10/22/21 17:52	4
Bromoform	ND		4.0	0.76	ug/L			10/22/21 17:52	4
Bromomethane	ND		4.0	0.84	ug/L			10/22/21 17:52	4
Carbon tetrachloride	ND		2.0	0.48	ug/L			10/22/21 17:52	4
Chlorobenzene	ND		2.0	0.28	ug/L			10/22/21 17:52	4

Client Sample ID: J6038-T25BD-101221
Lab Sample ID: 320-80333-15

Date Collected: 10/12/21 11:44
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		4.0	0.96	ug/L			10/22/21 17:52	4
Chloroform	ND		4.0	0.48	ug/L			10/22/21 17:52	4
Chloromethane	ND		4.0	1.0	ug/L			10/22/21 17:52	4
Chlorodibromomethane	ND		2.0	0.64	ug/L			10/22/21 17:52	4
1,2-Dichlorobenzene	ND		2.0	0.39	ug/L			10/22/21 17:52	4
1,3-Dichlorobenzene	ND		2.0	0.34	ug/L			10/22/21 17:52	4
1,4-Dichlorobenzene	ND		2.0	0.33	ug/L			10/22/21 17:52	4
EDB	ND		2.0	0.48	ug/L			10/22/21 17:52	4
Dichlorodifluoromethane	ND		4.0	1.3	ug/L			10/22/21 17:52	4
1,1-Dichloroethane	ND		2.0	0.40	ug/L			10/22/21 17:52	4
1,2-Dichloroethane	ND		2.0	0.56	ug/L			10/22/21 17:52	4
1,1-Dichloroethene	ND		2.0	0.52	ug/L			10/22/21 17:52	4
cis-1,2-Dichloroethene	**9.9**		2.0	0.72	ug/L			10/22/21 17:52	4
trans-1,2-Dichloroethene	ND		2.0	0.44	ug/L			10/22/21 17:52	4
1,2-Dichloropropane	ND		2.0	0.60	ug/L			10/22/21 17:52	4
cis-1,3-Dichloropropene	ND		2.0	0.60	ug/L			10/22/21 17:52	4
trans-1,3-Dichloropropene	ND		2.0	0.64	ug/L			10/22/21 17:52	4
Methylene Chloride	ND		4.0	0.64	ug/L			10/22/21 17:52	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.44	ug/L			10/22/21 17:52	4
Tetrachloroethene	**3.4**		2.0	0.40	ug/L			10/22/21 17:52	4
1,2,4-Trichlorobenzene	ND		4.0	1.0	ug/L			10/22/21 17:52	4
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			10/22/21 17:52	4
1,1,2-Trichloroethane	ND		2.0	0.48	ug/L			10/22/21 17:52	4
Trichloroethene	**170**		2.0	0.40	ug/L			10/22/21 17:52	4
Trichlorofluoromethane	ND		4.0	0.52	ug/L			10/22/21 17:52	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.68	ug/L			10/22/21 17:52	4
Vinyl chloride	ND		2.0	0.72	ug/L			10/22/21 17:52	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*74 - 120*		*10/22/21 17:52*	*4*
Dibromofluoromethane (Surr)	*103*		*80 - 123*		*10/22/21 17:52*	*4*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 123*		*10/22/21 17:52*	*4*
Toluene-d8 (Surr)	*101*		*78 - 120*		*10/22/21 17:52*	*4*

Client Sample ID: J6038-T24B-101221
Lab Sample ID: 320-80333-16

Date Collected: 10/12/21 11:30
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/23/21 18:20	1
Bromoform	ND		1.0	0.19	ug/L			10/23/21 18:20	1
Bromomethane	ND		1.0	0.21	ug/L			10/23/21 18:20	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/23/21 18:20	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/23/21 18:20	1
Chloroethane	ND		1.0	0.24	ug/L			10/23/21 18:20	1
Chloroform	ND		1.0	0.12	ug/L			10/23/21 18:20	1
Chloromethane	ND		1.0	0.26	ug/L			10/23/21 18:20	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/23/21 18:20	1
1,2-Dichlorobenzene	**0.14**	**J**	0.50	0.097	ug/L			10/23/21 18:20	1

Client Sample ID: J6038-T24B-101221
Lab Sample ID: 320-80333-16

Date Collected: 10/12/21 11:30
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/23/21 18:20	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/23/21 18:20	1
EDB	ND		0.50	0.12	ug/L			10/23/21 18:20	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/23/21 18:20	1
1,1-Dichloroethane	**0.24**	**J**	0.50	0.10	ug/L			10/23/21 18:20	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/23/21 18:20	1
1,1-Dichloroethene	**0.36**	**J**	0.50	0.13	ug/L			10/23/21 18:20	1
cis-1,2-Dichloroethene	**49**		0.50	0.18	ug/L			10/23/21 18:20	1
trans-1,2-Dichloroethene	**0.63**		0.50	0.11	ug/L			10/23/21 18:20	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/23/21 18:20	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/23/21 18:20	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/23/21 18:20	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/23/21 18:20	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/23/21 18:20	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/23/21 18:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/23/21 18:20	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/23/21 18:20	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/23/21 18:20	1
Trichloroethene	**7.8**		0.50	0.10	ug/L			10/23/21 18:20	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/23/21 18:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/23/21 18:20	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/23/21 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 120*		*10/23/21 18:20*	*1*
Dibromofluoromethane (Surr)	*85*		*80 - 123*		*10/23/21 18:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 123*		*10/23/21 18:20*	*1*
Toluene-d8 (Surr)	*89*		*78 - 120*		*10/23/21 18:20*	*1*

Client Sample ID: J6038-T23B-101221
Lab Sample ID: 320-80333-17

Date Collected: 10/12/21 11:01
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.56	ug/L			10/22/21 18:06	4
Bromoform	ND		4.0	0.76	ug/L			10/22/21 18:06	4
Bromomethane	ND		4.0	0.84	ug/L			10/22/21 18:06	4
Carbon tetrachloride	ND		2.0	0.48	ug/L			10/22/21 18:06	4
Chlorobenzene	ND		2.0	0.28	ug/L			10/22/21 18:06	4
Chloroethane	ND		4.0	0.96	ug/L			10/22/21 18:06	4
Chloroform	ND		4.0	0.48	ug/L			10/22/21 18:06	4
Chloromethane	ND		4.0	1.0	ug/L			10/22/21 18:06	4
Chlorodibromomethane	ND		2.0	0.64	ug/L			10/22/21 18:06	4
1,2-Dichlorobenzene	**2.6**		2.0	0.39	ug/L			10/22/21 18:06	4
1,3-Dichlorobenzene	ND		2.0	0.34	ug/L			10/22/21 18:06	4
1,4-Dichlorobenzene	ND		2.0	0.33	ug/L			10/22/21 18:06	4
EDB	ND		2.0	0.48	ug/L			10/22/21 18:06	4
Dichlorodifluoromethane	ND		4.0	1.3	ug/L			10/22/21 18:06	4
1,1-Dichloroethane	ND		2.0	0.40	ug/L			10/22/21 18:06	4

Client Sample ID: J6038-T23B-101221
Lab Sample ID: 320-80333-17

Date Collected: 10/12/21 11:01
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		2.0	0.56	ug/L			10/22/21 18:06	4
1,1-Dichloroethene	**0.75**	**J**	2.0	0.52	ug/L			10/22/21 18:06	4
cis-1,2-Dichloroethene	**120**		2.0	0.72	ug/L			10/22/21 18:06	4
trans-1,2-Dichloroethene	**2.7**		2.0	0.44	ug/L			10/22/21 18:06	4
1,2-Dichloropropane	ND		2.0	0.60	ug/L			10/22/21 18:06	4
cis-1,3-Dichloropropene	ND		2.0	0.60	ug/L			10/22/21 18:06	4
trans-1,3-Dichloropropene	ND		2.0	0.64	ug/L			10/22/21 18:06	4
Methylene Chloride	ND		4.0	0.64	ug/L			10/22/21 18:06	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.44	ug/L			10/22/21 18:06	4
Tetrachloroethene	**1.2**	**J**	2.0	0.40	ug/L			10/22/21 18:06	4
1,2,4-Trichlorobenzene	ND		4.0	1.0	ug/L			10/22/21 18:06	4
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			10/22/21 18:06	4
1,1,2-Trichloroethane	ND		2.0	0.48	ug/L			10/22/21 18:06	4
Trichloroethene	**70**		2.0	0.40	ug/L			10/22/21 18:06	4
Trichlorofluoromethane	ND		4.0	0.52	ug/L			10/22/21 18:06	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.68	ug/L			10/22/21 18:06	4
Vinyl chloride	ND		2.0	0.72	ug/L			10/22/21 18:06	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*74 - 120*		*10/22/21 18:06*	*4*
Dibromofluoromethane (Surr)	*87*		*80 - 123*		*10/22/21 18:06*	*4*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 123*		*10/22/21 18:06*	*4*
Toluene-d8 (Surr)	*88*		*78 - 120*		*10/22/21 18:06*	*4*

Client Sample ID: J6038-T10B-101221
Lab Sample ID: 320-80333-18

Date Collected: 10/12/21 09:35
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.28	ug/L			10/22/21 15:50	2
Bromoform	ND		2.0	0.38	ug/L			10/22/21 15:50	2
Bromomethane	ND		2.0	0.42	ug/L			10/22/21 15:50	2
Carbon tetrachloride	ND		1.0	0.24	ug/L			10/22/21 15:50	2
Chlorobenzene	ND		1.0	0.14	ug/L			10/22/21 15:50	2
Chloroethane	ND		2.0	0.48	ug/L			10/22/21 15:50	2
Chloroform	ND		2.0	0.24	ug/L			10/22/21 15:50	2
Chloromethane	ND		2.0	0.52	ug/L			10/22/21 15:50	2
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/22/21 15:50	2
1,2-Dichlorobenzene	**2.9**		1.0	0.19	ug/L			10/22/21 15:50	2
1,3-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 15:50	2
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 15:50	2
EDB	ND		1.0	0.24	ug/L			10/22/21 15:50	2
Dichlorodifluoromethane	ND		2.0	0.64	ug/L			10/22/21 15:50	2
1,1-Dichloroethane	**0.46**	**J**	1.0	0.20	ug/L			10/22/21 15:50	2
1,2-Dichloroethane	ND		1.0	0.28	ug/L			10/22/21 15:50	2
1,1-Dichloroethene	**0.38**	**J**	1.0	0.26	ug/L			10/22/21 15:50	2
cis-1,2-Dichloroethene	**93**		1.0	0.36	ug/L			10/22/21 15:50	2
trans-1,2-Dichloroethene	**2.3**		1.0	0.22	ug/L			10/22/21 15:50	2
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/22/21 15:50	2

Client Sample ID: J6038-T10B-101221

Lab Sample ID: 320-80333-18

Date Collected: 10/12/21 09:35
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.30	ug/L			10/22/21 15:50	2
trans-1,3-Dichloropropene	ND		1.0	0.32	ug/L			10/22/21 15:50	2
Methylene Chloride	ND		2.0	0.32	ug/L			10/22/21 15:50	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/22/21 15:50	2
Tetrachloroethene	**0.31**	**J**	1.0	0.20	ug/L			10/22/21 15:50	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			10/22/21 15:50	2
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			10/22/21 15:50	2
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			10/22/21 15:50	2
Trichloroethene	**22**		1.0	0.20	ug/L			10/22/21 15:50	2
Trichlorofluoromethane	ND		2.0	0.26	ug/L			10/22/21 15:50	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.34	ug/L			10/22/21 15:50	2
Vinyl chloride	**51**		1.0	0.36	ug/L			10/22/21 15:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*74 - 120*		*10/22/21 15:50*	*2*
Dibromofluoromethane (Surr)	*87*		*80 - 123*		*10/22/21 15:50*	*2*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 123*		*10/22/21 15:50*	*2*
Toluene-d8 (Surr)	*87*		*78 - 120*		*10/22/21 15:50*	*2*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**860**		1.0	0.17	ug/L			10/20/21 21:31	1
Ethane	**8.2**		1.0	0.29	ug/L			10/20/21 21:31	1
Ethylene	**3.5**		1.0	0.27	ug/L			10/20/21 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,1-Trifluoroethane	*107*		*60 - 140*		*10/20/21 21:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**1.9**		1.0	0.35	mg/L			10/21/21 09:14	1
Total Alkalinity	**420**		5.0	5.0	mg/L			10/15/21 17:35	1

Client Sample ID: J6038-T16A-101221

Lab Sample ID: 320-80333-19

Date Collected: 10/12/21 08:55
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.28	ug/L			10/22/21 16:13	2
Bromoform	ND		2.0	0.38	ug/L			10/22/21 16:13	2
Bromomethane	ND		2.0	0.42	ug/L			10/22/21 16:13	2
Carbon tetrachloride	ND		1.0	0.24	ug/L			10/22/21 16:13	2
Chlorobenzene	ND		1.0	0.14	ug/L			10/22/21 16:13	2
Chloroethane	ND		2.0	0.48	ug/L			10/22/21 16:13	2
Chloroform	ND		2.0	0.24	ug/L			10/22/21 16:13	2
Chloromethane	ND		2.0	0.52	ug/L			10/22/21 16:13	2
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/22/21 16:13	2
1,2-Dichlorobenzene	**1.4**		1.0	0.19	ug/L			10/22/21 16:13	2
1,3-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 16:13	2
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 16:13	2

Client Sample ID: J6038-T16A-101221
Lab Sample ID: 320-80333-19

Date Collected: 10/12/21 08:55
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
EDB	ND		1.0	0.24	ug/L			10/22/21 16:13	2
Dichlorodifluoromethane	ND		2.0	0.64	ug/L			10/22/21 16:13	2
1,1-Dichloroethane	**0.28**	**J**	1.0	0.20	ug/L			10/22/21 16:13	2
1,2-Dichloroethane	ND		1.0	0.28	ug/L			10/22/21 16:13	2
1,1-Dichloroethene	**0.31**	**J**	1.0	0.26	ug/L			10/22/21 16:13	2
cis-1,2-Dichloroethene	**61**		1.0	0.36	ug/L			10/22/21 16:13	2
trans-1,2-Dichloroethene	**1.8**		1.0	0.22	ug/L			10/22/21 16:13	2
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/22/21 16:13	2
cis-1,3-Dichloropropene	ND		1.0	0.30	ug/L			10/22/21 16:13	2
trans-1,3-Dichloropropene	ND		1.0	0.32	ug/L			10/22/21 16:13	2
Methylene Chloride	ND		2.0	0.32	ug/L			10/22/21 16:13	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/22/21 16:13	2
Tetrachloroethene	**1.1**		1.0	0.20	ug/L			10/22/21 16:13	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			10/22/21 16:13	2
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			10/22/21 16:13	2
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			10/22/21 16:13	2
Trichloroethene	**54**		1.0	0.20	ug/L			10/22/21 16:13	2
Trichlorofluoromethane	ND		2.0	0.26	ug/L			10/22/21 16:13	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.34	ug/L			10/22/21 16:13	2
Vinyl chloride	**0.51**	**J**	1.0	0.36	ug/L			10/22/21 16:13	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*74 - 120*		*10/22/21 16:13*	*2*
Dibromofluoromethane (Surr)	*88*		*80 - 123*		*10/22/21 16:13*	*2*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 123*		*10/22/21 16:13*	*2*
Toluene-d8 (Surr)	*88*		*78 - 120*		*10/22/21 16:13*	*2*

Client Sample ID: J6038-T10C-101221
Lab Sample ID: 320-80333-20

Date Collected: 10/12/21 12:55
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		5.0	1.4	ug/L			10/22/21 20:00	10
Bromoform	ND		10	1.9	ug/L			10/22/21 20:00	10
Bromomethane	ND		10	2.1	ug/L			10/22/21 20:00	10
Carbon tetrachloride	ND		5.0	1.2	ug/L			10/22/21 20:00	10
Chlorobenzene	ND		5.0	0.70	ug/L			10/22/21 20:00	10
Chloroethane	ND		10	2.4	ug/L			10/22/21 20:00	10
Chloroform	ND		10	1.2	ug/L			10/22/21 20:00	10
Chloromethane	ND		10	2.6	ug/L			10/22/21 20:00	10
Chlorodibromomethane	ND		5.0	1.6	ug/L			10/22/21 20:00	10
1,2-Dichlorobenzene	ND		5.0	0.97	ug/L			10/22/21 20:00	10
1,3-Dichlorobenzene	ND		5.0	0.86	ug/L			10/22/21 20:00	10
1,4-Dichlorobenzene	ND		5.0	0.83	ug/L			10/22/21 20:00	10
EDB	ND		5.0	1.2	ug/L			10/22/21 20:00	10
Dichlorodifluoromethane	**4.3**	**J**	10	3.2	ug/L			10/22/21 20:00	10
1,1-Dichloroethane	ND		5.0	1.0	ug/L			10/22/21 20:00	10
1,2-Dichloroethane	ND		5.0	1.4	ug/L			10/22/21 20:00	10
1,1-Dichloroethene	**2.1**	**J**	5.0	1.3	ug/L			10/22/21 20:00	10

Client Sample ID: J6038-T10C-101221
Lab Sample ID: 320-80333-20

Date Collected: 10/12/21 12:55
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**290**		5.0	1.8	ug/L			10/22/21 20:00	10
trans-1,2-Dichloroethene	**3.1**	J	5.0	1.1	ug/L			10/22/21 20:00	10
1,2-Dichloropropane	ND		5.0	1.5	ug/L			10/22/21 20:00	10
cis-1,3-Dichloropropene	ND		5.0	1.5	ug/L			10/22/21 20:00	10
trans-1,3-Dichloropropene	ND		5.0	1.6	ug/L			10/22/21 20:00	10
Methylene Chloride	ND		10	1.6	ug/L			10/22/21 20:00	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/22/21 20:00	10
Tetrachloroethene	ND		5.0	1.0	ug/L			10/22/21 20:00	10
1,2,4-Trichlorobenzene	ND		10	2.5	ug/L			10/22/21 20:00	10
1,1,1-Trichloroethane	ND		5.0	1.0	ug/L			10/22/21 20:00	10
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/22/21 20:00	10
Trichloroethene	**240**		5.0	1.0	ug/L			10/22/21 20:00	10
Trichlorofluoromethane	ND		10	1.3	ug/L			10/22/21 20:00	10
1,1,2-Trichloro-1,2,2-trifluoroethane	**55**		5.0	1.7	ug/L			10/22/21 20:00	10
Vinyl chloride	ND		5.0	1.8	ug/L			10/22/21 20:00	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 120*		*10/22/21 20:00*	*10*
Dibromofluoromethane (Surr)	*86*		*80 - 123*		*10/22/21 20:00*	*10*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 123*		*10/22/21 20:00*	*10*
Toluene-d8 (Surr)	*88*		*78 - 120*		*10/22/21 20:00*	*10*

Client Sample ID: J6038-T8B-101221
Lab Sample ID: 320-80333-21

Date Collected: 10/12/21 13:35
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 13:57	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 13:57	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 13:57	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 13:57	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 13:57	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 13:57	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 13:57	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 13:57	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 13:57	1
1,2-Dichlorobenzene	**5.2**		0.50	0.097	ug/L			10/22/21 13:57	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 13:57	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 13:57	1
EDB	ND		0.50	0.12	ug/L			10/22/21 13:57	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 13:57	1
1,1-Dichloroethane	**0.72**		0.50	0.10	ug/L			10/22/21 13:57	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 13:57	1
1,1-Dichloroethene	**1.8**		0.50	0.13	ug/L			10/22/21 13:57	1
trans-1,2-Dichloroethene	**5.6**		0.50	0.11	ug/L			10/22/21 13:57	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 13:57	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 13:57	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 13:57	1

Client Sample ID: J6038-T8B-101221
Lab Sample ID: 320-80333-21

Date Collected: 10/12/21 13:35
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 13:57	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 13:57	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/22/21 13:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 13:57	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 13:57	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 13:57	1
Trichloroethene	**18**		0.50	0.10	ug/L			10/22/21 13:57	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 13:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.0**		0.50	0.17	ug/L			10/22/21 13:57	1
Vinyl chloride	**11**		0.50	0.18	ug/L			10/22/21 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 120*		*10/22/21 13:57*	*1*
Dibromofluoromethane (Surr)	*86*		*80 - 123*		*10/22/21 13:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*72 - 123*		*10/22/21 13:57*	*1*
Toluene-d8 (Surr)	*89*		*78 - 120*		*10/22/21 13:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**410**		5.0	1.8	ug/L			10/25/21 18:28	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*74 - 120*		*10/25/21 18:28*	*10*
Dibromofluoromethane (Surr)	*107*		*80 - 123*		*10/25/21 18:28*	*10*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 123*		*10/25/21 18:28*	*10*
Toluene-d8 (Surr)	*103*		*78 - 120*		*10/25/21 18:28*	*10*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**270**		1.0	0.17	ug/L			10/20/21 21:49	1
Ethane	**1.8**		1.0	0.29	ug/L			10/20/21 21:49	1
Ethylene	**0.28**	**J**	1.0	0.27	ug/L			10/20/21 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,1-Trifluoroethane	*107*		*60 - 140*		*10/20/21 21:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**0.74**	**J**	1.0	0.35	mg/L			10/21/21 09:28	1
Total Alkalinity	**390**		5.0	5.0	mg/L			10/15/21 17:16	1

Client Sample ID: J6038-T8A-101221
Lab Sample ID: 320-80333-22

Date Collected: 10/12/21 14:10
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 14:20	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 14:20	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 14:20	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 14:20	1

Client Sample ID: J6038-T8A-101221
Lab Sample ID: 320-80333-22

Date Collected: 10/12/21 14:10
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 14:20	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 14:20	1
Chloroform	**0.18**	**J**	1.0	0.12	ug/L			10/22/21 14:20	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 14:20	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 14:20	1
1,2-Dichlorobenzene	**0.30**	**J**	0.50	0.097	ug/L			10/22/21 14:20	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 14:20	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 14:20	1
EDB	ND		0.50	0.12	ug/L			10/22/21 14:20	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 14:20	1
1,1-Dichloroethane	**0.24**	**J**	0.50	0.10	ug/L			10/22/21 14:20	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 14:20	1
1,1-Dichloroethene	**0.27**	**J**	0.50	0.13	ug/L			10/22/21 14:20	1
cis-1,2-Dichloroethene	**21**		0.50	0.18	ug/L			10/22/21 14:20	1
trans-1,2-Dichloroethene	**1.6**		0.50	0.11	ug/L			10/22/21 14:20	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 14:20	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 14:20	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 14:20	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 14:20	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 14:20	1
Tetrachloroethene	**0.98**		0.50	0.10	ug/L			10/22/21 14:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 14:20	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 14:20	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 14:20	1
Trichloroethene	**78**		0.50	0.10	ug/L			10/22/21 14:20	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.81**		0.50	0.17	ug/L			10/22/21 14:20	1
Vinyl chloride	**0.39**	**J**	0.50	0.18	ug/L			10/22/21 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*74 - 120*		*10/22/21 14:20*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 123*		*10/22/21 14:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 123*		*10/22/21 14:20*	*1*
Toluene-d8 (Surr)	*87*		*78 - 120*		*10/22/21 14:20*	*1*

Client Sample ID: J6038-T11C-101221-1
Lab Sample ID: 320-80333-23

Date Collected: 10/12/21 13:05
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.56	ug/L			10/22/21 18:29	4
Bromoform	ND		4.0	0.76	ug/L			10/22/21 18:29	4
Bromomethane	ND		4.0	0.84	ug/L			10/22/21 18:29	4
Carbon tetrachloride	ND		2.0	0.48	ug/L			10/22/21 18:29	4
Chlorobenzene	ND		2.0	0.28	ug/L			10/22/21 18:29	4
Chloroethane	ND		4.0	0.96	ug/L			10/22/21 18:29	4
Chloroform	ND		4.0	0.48	ug/L			10/22/21 18:29	4
Chloromethane	ND		4.0	1.0	ug/L			10/22/21 18:29	4

Client Sample ID: J6038-T11C-101221-1

Lab Sample ID: 320-80333-23

Date Collected: 10/12/21 13:05
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		2.0	0.64	ug/L			10/22/21 18:29	4
1,2-Dichlorobenzene	ND		2.0	0.39	ug/L			10/22/21 18:29	4
1,3-Dichlorobenzene	ND		2.0	0.34	ug/L			10/22/21 18:29	4
1,4-Dichlorobenzene	ND		2.0	0.33	ug/L			10/22/21 18:29	4
EDB	ND		2.0	0.48	ug/L			10/22/21 18:29	4
Dichlorodifluoromethane	ND		4.0	1.3	ug/L			10/22/21 18:29	4
1,1-Dichloroethane	ND		2.0	0.40	ug/L			10/22/21 18:29	4
1,2-Dichloroethane	ND		2.0	0.56	ug/L			10/22/21 18:29	4
1,1-Dichloroethene	**1.4**	**J**	2.0	0.52	ug/L			10/22/21 18:29	4
cis-1,2-Dichloroethene	**17**		2.0	0.72	ug/L			10/22/21 18:29	4
trans-1,2-Dichloroethene	**0.57**	**J**	2.0	0.44	ug/L			10/22/21 18:29	4
1,2-Dichloropropane	ND		2.0	0.60	ug/L			10/22/21 18:29	4
cis-1,3-Dichloropropene	ND		2.0	0.60	ug/L			10/22/21 18:29	4
trans-1,3-Dichloropropene	ND		2.0	0.64	ug/L			10/22/21 18:29	4
Methylene Chloride	ND		4.0	0.64	ug/L			10/22/21 18:29	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.44	ug/L			10/22/21 18:29	4
Tetrachloroethene	ND		2.0	0.40	ug/L			10/22/21 18:29	4
1,2,4-Trichlorobenzene	ND		4.0	1.0	ug/L			10/22/21 18:29	4
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			10/22/21 18:29	4
1,1,2-Trichloroethane	ND		2.0	0.48	ug/L			10/22/21 18:29	4
Trichloroethene	**200**		2.0	0.40	ug/L			10/22/21 18:29	4
Trichlorofluoromethane	ND		4.0	0.52	ug/L			10/22/21 18:29	4
1,1,2-Trichloro-1,2,2-trifluoroethane	**5.0**		2.0	0.68	ug/L			10/22/21 18:29	4
Vinyl chloride	ND		2.0	0.72	ug/L			10/22/21 18:29	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 120*		*10/22/21 18:29*	*4*
Dibromofluoromethane (Surr)	*85*		*80 - 123*		*10/22/21 18:29*	*4*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 123*		*10/22/21 18:29*	*4*
Toluene-d8 (Surr)	*86*		*78 - 120*		*10/22/21 18:29*	*4*

Client Sample ID: J6038-T11C-101221-2

Lab Sample ID: 320-80333-24

Date Collected: 10/12/21 13:10
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.56	ug/L			10/22/21 18:51	4
Bromoform	ND		4.0	0.76	ug/L			10/22/21 18:51	4
Bromomethane	ND		4.0	0.84	ug/L			10/22/21 18:51	4
Carbon tetrachloride	ND		2.0	0.48	ug/L			10/22/21 18:51	4
Chlorobenzene	ND		2.0	0.28	ug/L			10/22/21 18:51	4
Chloroethane	ND		4.0	0.96	ug/L			10/22/21 18:51	4
Chloroform	ND		4.0	0.48	ug/L			10/22/21 18:51	4
Chloromethane	ND		4.0	1.0	ug/L			10/22/21 18:51	4
Chlorodibromomethane	ND		2.0	0.64	ug/L			10/22/21 18:51	4
1,2-Dichlorobenzene	ND		2.0	0.39	ug/L			10/22/21 18:51	4
1,3-Dichlorobenzene	ND		2.0	0.34	ug/L			10/22/21 18:51	4
1,4-Dichlorobenzene	ND		2.0	0.33	ug/L			10/22/21 18:51	4

Client Sample ID: J6038-T11C-101221-2
Lab Sample ID: 320-80333-24

Date Collected: 10/12/21 13:10
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
EDB	ND		2.0	0.48	ug/L			10/22/21 18:51	4
Dichlorodifluoromethane	**1.3**	**J**	4.0	1.3	ug/L			10/22/21 18:51	4
1,1-Dichloroethane	ND		2.0	0.40	ug/L			10/22/21 18:51	4
1,2-Dichloroethane	ND		2.0	0.56	ug/L			10/22/21 18:51	4
1,1-Dichloroethene	**1.6**	**J**	2.0	0.52	ug/L			10/22/21 18:51	4
cis-1,2-Dichloroethene	**18**		2.0	0.72	ug/L			10/22/21 18:51	4
trans-1,2-Dichloroethene	**0.55**	**J**	2.0	0.44	ug/L			10/22/21 18:51	4
1,2-Dichloropropane	ND		2.0	0.60	ug/L			10/22/21 18:51	4
cis-1,3-Dichloropropene	ND		2.0	0.60	ug/L			10/22/21 18:51	4
trans-1,3-Dichloropropene	ND		2.0	0.64	ug/L			10/22/21 18:51	4
Methylene Chloride	ND		4.0	0.64	ug/L			10/22/21 18:51	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.44	ug/L			10/22/21 18:51	4
Tetrachloroethene	ND		2.0	0.40	ug/L			10/22/21 18:51	4
1,2,4-Trichlorobenzene	ND		4.0	1.0	ug/L			10/22/21 18:51	4
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			10/22/21 18:51	4
1,1,2-Trichloroethane	ND		2.0	0.48	ug/L			10/22/21 18:51	4
Trichloroethene	**200**		2.0	0.40	ug/L			10/22/21 18:51	4
Trichlorofluoromethane	ND		4.0	0.52	ug/L			10/22/21 18:51	4
1,1,2-Trichloro-1,2,2-trifluoroethane	**5.6**		2.0	0.68	ug/L			10/22/21 18:51	4
Vinyl chloride	**0.72**	**J**	2.0	0.72	ug/L			10/22/21 18:51	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*74 - 120*		*10/22/21 18:51*	*4*
Dibromofluoromethane (Surr)	*87*		*80 - 123*		*10/22/21 18:51*	*4*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 123*		*10/22/21 18:51*	*4*
Toluene-d8 (Surr)	*87*		*78 - 120*		*10/22/21 18:51*	*4*

Client Sample ID: J6038-T7B-101221-1
Lab Sample ID: 320-80333-25

Date Collected: 10/12/21 14:30
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.56	ug/L			10/22/21 19:14	4
Bromoform	ND		4.0	0.76	ug/L			10/22/21 19:14	4
Bromomethane	ND		4.0	0.84	ug/L			10/22/21 19:14	4
Carbon tetrachloride	ND		2.0	0.48	ug/L			10/22/21 19:14	4
Chlorobenzene	ND		2.0	0.28	ug/L			10/22/21 19:14	4
Chloroethane	ND		4.0	0.96	ug/L			10/22/21 19:14	4
Chloroform	ND		4.0	0.48	ug/L			10/22/21 19:14	4
Chloromethane	ND		4.0	1.0	ug/L			10/22/21 19:14	4
Chlorodibromomethane	ND		2.0	0.64	ug/L			10/22/21 19:14	4
1,2-Dichlorobenzene	**1.3**	**J**	2.0	0.39	ug/L			10/22/21 19:14	4
1,3-Dichlorobenzene	ND		2.0	0.34	ug/L			10/22/21 19:14	4
1,4-Dichlorobenzene	ND		2.0	0.33	ug/L			10/22/21 19:14	4
EDB	ND		2.0	0.48	ug/L			10/22/21 19:14	4
Dichlorodifluoromethane	ND		4.0	1.3	ug/L			10/22/21 19:14	4
1,1-Dichloroethane	ND		2.0	0.40	ug/L			10/22/21 19:14	4
1,2-Dichloroethane	ND		2.0	0.56	ug/L			10/22/21 19:14	4

Client Sample ID: J6038-T7B-101221-1
Lab Sample ID: 320-80333-25

Date Collected: 10/12/21 14:30
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		2.0	0.52	ug/L			10/22/21 19:14	4
cis-1,2-Dichloroethene	**7.0**		2.0	0.72	ug/L			10/22/21 19:14	4
trans-1,2-Dichloroethene	**1.2**	J	2.0	0.44	ug/L			10/22/21 19:14	4
1,2-Dichloropropane	ND		2.0	0.60	ug/L			10/22/21 19:14	4
cis-1,3-Dichloropropene	ND		2.0	0.60	ug/L			10/22/21 19:14	4
trans-1,3-Dichloropropene	ND		2.0	0.64	ug/L			10/22/21 19:14	4
Methylene Chloride	ND		4.0	0.64	ug/L			10/22/21 19:14	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.44	ug/L			10/22/21 19:14	4
Tetrachloroethene	ND		2.0	0.40	ug/L			10/22/21 19:14	4
1,2,4-Trichlorobenzene	ND		4.0	1.0	ug/L			10/22/21 19:14	4
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			10/22/21 19:14	4
1,1,2-Trichloroethane	ND		2.0	0.48	ug/L			10/22/21 19:14	4
Trichloroethene	**130**		2.0	0.40	ug/L			10/22/21 19:14	4
Trichlorofluoromethane	ND		4.0	0.52	ug/L			10/22/21 19:14	4
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.7**		2.0	0.68	ug/L			10/22/21 19:14	4
Vinyl chloride	ND		2.0	0.72	ug/L			10/22/21 19:14	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*74 - 120*		*10/22/21 19:14*	*4*
Dibromofluoromethane (Surr)	*88*		*80 - 123*		*10/22/21 19:14*	*4*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 123*		*10/22/21 19:14*	*4*
Toluene-d8 (Surr)	*87*		*78 - 120*		*10/22/21 19:14*	*4*

Client Sample ID: J6038-T7B-101221-2
Lab Sample ID: 320-80333-26

Date Collected: 10/12/21 14:35
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		2.0	0.56	ug/L			10/22/21 19:37	4
Bromoform	ND		4.0	0.76	ug/L			10/22/21 19:37	4
Bromomethane	ND		4.0	0.84	ug/L			10/22/21 19:37	4
Carbon tetrachloride	ND		2.0	0.48	ug/L			10/22/21 19:37	4
Chlorobenzene	ND		2.0	0.28	ug/L			10/22/21 19:37	4
Chloroethane	ND		4.0	0.96	ug/L			10/22/21 19:37	4
Chloroform	ND		4.0	0.48	ug/L			10/22/21 19:37	4
Chloromethane	ND		4.0	1.0	ug/L			10/22/21 19:37	4
Chlorodibromomethane	ND		2.0	0.64	ug/L			10/22/21 19:37	4
1,2-Dichlorobenzene	**1.2**	J	2.0	0.39	ug/L			10/22/21 19:37	4
1,3-Dichlorobenzene	ND		2.0	0.34	ug/L			10/22/21 19:37	4
1,4-Dichlorobenzene	ND		2.0	0.33	ug/L			10/22/21 19:37	4
EDB	ND		2.0	0.48	ug/L			10/22/21 19:37	4
Dichlorodifluoromethane	ND		4.0	1.3	ug/L			10/22/21 19:37	4
1,1-Dichloroethane	ND		2.0	0.40	ug/L			10/22/21 19:37	4
1,2-Dichloroethane	ND		2.0	0.56	ug/L			10/22/21 19:37	4
1,1-Dichloroethene	ND		2.0	0.52	ug/L			10/22/21 19:37	4
cis-1,2-Dichloroethene	**7.1**		2.0	0.72	ug/L			10/22/21 19:37	4
trans-1,2-Dichloroethene	**1.3**	J	2.0	0.44	ug/L			10/22/21 19:37	4
1,2-Dichloropropane	ND		2.0	0.60	ug/L			10/22/21 19:37	4

Client Sample ID: J6038-T7B-101221-2
Lab Sample ID: 320-80333-26

Date Collected: 10/12/21 14:35
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0	0.60	ug/L			10/22/21 19:37	4
trans-1,3-Dichloropropene	ND		2.0	0.64	ug/L			10/22/21 19:37	4
Methylene Chloride	ND		4.0	0.64	ug/L			10/22/21 19:37	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.44	ug/L			10/22/21 19:37	4
Tetrachloroethene	**0.46**	**J**	2.0	0.40	ug/L			10/22/21 19:37	4
1,2,4-Trichlorobenzene	ND		4.0	1.0	ug/L			10/22/21 19:37	4
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			10/22/21 19:37	4
1,1,2-Trichloroethane	ND		2.0	0.48	ug/L			10/22/21 19:37	4
Trichloroethene	**130**		2.0	0.40	ug/L			10/22/21 19:37	4
Trichlorofluoromethane	ND		4.0	0.52	ug/L			10/22/21 19:37	4
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.9**		2.0	0.68	ug/L			10/22/21 19:37	4
Vinyl chloride	ND		2.0	0.72	ug/L			10/22/21 19:37	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 120*		*10/22/21 19:37*	*4*
Dibromofluoromethane (Surr)	*86*		*80 - 123*		*10/22/21 19:37*	*4*
1,2-Dichloroethane-d4 (Surr)	*89*		*72 - 123*		*10/22/21 19:37*	*4*
Toluene-d8 (Surr)	*87*		*78 - 120*		*10/22/21 19:37*	*4*

Client Sample ID: J6038-T7A-101221-1
Lab Sample ID: 320-80333-27

Date Collected: 10/12/21 14:50
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.28	ug/L			10/22/21 16:35	2
Bromoform	ND		2.0	0.38	ug/L			10/22/21 16:35	2
Bromomethane	ND		2.0	0.42	ug/L			10/22/21 16:35	2
Carbon tetrachloride	ND		1.0	0.24	ug/L			10/22/21 16:35	2
Chlorobenzene	ND		1.0	0.14	ug/L			10/22/21 16:35	2
Chloroethane	ND		2.0	0.48	ug/L			10/22/21 16:35	2
Chloroform	ND		2.0	0.24	ug/L			10/22/21 16:35	2
Chloromethane	ND		2.0	0.52	ug/L			10/22/21 16:35	2
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/22/21 16:35	2
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/22/21 16:35	2
1,3-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 16:35	2
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 16:35	2
EDB	ND		1.0	0.24	ug/L			10/22/21 16:35	2
Dichlorodifluoromethane	ND		2.0	0.64	ug/L			10/22/21 16:35	2
1,1-Dichloroethane	ND		1.0	0.20	ug/L			10/22/21 16:35	2
1,2-Dichloroethane	ND		1.0	0.28	ug/L			10/22/21 16:35	2
1,1-Dichloroethene	ND		1.0	0.26	ug/L			10/22/21 16:35	2
cis-1,2-Dichloroethene	**39**		1.0	0.36	ug/L			10/22/21 16:35	2
trans-1,2-Dichloroethene	**1.1**		1.0	0.22	ug/L			10/22/21 16:35	2
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/22/21 16:35	2
cis-1,3-Dichloropropene	ND		1.0	0.30	ug/L			10/22/21 16:35	2
trans-1,3-Dichloropropene	ND		1.0	0.32	ug/L			10/22/21 16:35	2
Methylene Chloride	ND		2.0	0.32	ug/L			10/22/21 16:35	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/22/21 16:35	2

Client Sample ID: J6038-T7A-101221-1
Lab Sample ID: 320-80333-27

Date Collected: 10/12/21 14:50
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1.0**		1.0	0.20	ug/L			10/22/21 16:35	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			10/22/21 16:35	2
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			10/22/21 16:35	2
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			10/22/21 16:35	2
Trichloroethene	**95**		1.0	0.20	ug/L			10/22/21 16:35	2
Trichlorofluoromethane	ND		2.0	0.26	ug/L			10/22/21 16:35	2
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.2**		1.0	0.34	ug/L			10/22/21 16:35	2
Vinyl chloride	ND		1.0	0.36	ug/L			10/22/21 16:35	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*74 - 120*		*10/22/21 16:35*	*2*
Dibromofluoromethane (Surr)	*87*		*80 - 123*		*10/22/21 16:35*	*2*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 123*		*10/22/21 16:35*	*2*
Toluene-d8 (Surr)	*88*		*78 - 120*		*10/22/21 16:35*	*2*

Client Sample ID: J6038-T7A-101221-2
Lab Sample ID: 320-80333-28

Date Collected: 10/12/21 14:55
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.28	ug/L			10/22/21 16:58	2
Bromoform	ND		2.0	0.38	ug/L			10/22/21 16:58	2
Bromomethane	ND		2.0	0.42	ug/L			10/22/21 16:58	2
Carbon tetrachloride	ND		1.0	0.24	ug/L			10/22/21 16:58	2
Chlorobenzene	ND		1.0	0.14	ug/L			10/22/21 16:58	2
Chloroethane	ND		2.0	0.48	ug/L			10/22/21 16:58	2
Chloroform	ND		2.0	0.24	ug/L			10/22/21 16:58	2
Chloromethane	ND		2.0	0.52	ug/L			10/22/21 16:58	2
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/22/21 16:58	2
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/22/21 16:58	2
1,3-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 16:58	2
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/22/21 16:58	2
EDB	ND		1.0	0.24	ug/L			10/22/21 16:58	2
Dichlorodifluoromethane	ND		2.0	0.64	ug/L			10/22/21 16:58	2
1,1-Dichloroethane	ND		1.0	0.20	ug/L			10/22/21 16:58	2
1,2-Dichloroethane	ND		1.0	0.28	ug/L			10/22/21 16:58	2
1,1-Dichloroethene	ND		1.0	0.26	ug/L			10/22/21 16:58	2
cis-1,2-Dichloroethene	**38**		1.0	0.36	ug/L			10/22/21 16:58	2
trans-1,2-Dichloroethene	**1.1**		1.0	0.22	ug/L			10/22/21 16:58	2
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/22/21 16:58	2
cis-1,3-Dichloropropene	ND		1.0	0.30	ug/L			10/22/21 16:58	2
trans-1,3-Dichloropropene	ND		1.0	0.32	ug/L			10/22/21 16:58	2
Methylene Chloride	ND		2.0	0.32	ug/L			10/22/21 16:58	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/L			10/22/21 16:58	2
Tetrachloroethene	**1.0**		1.0	0.20	ug/L			10/22/21 16:58	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			10/22/21 16:58	2
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			10/22/21 16:58	2
1,1,2-Trichloroethane	ND		1.0	0.24	ug/L			10/22/21 16:58	2

Client Sample ID: J6038-T7A-101221-2
Lab Sample ID: 320-80333-28

Date Collected: 10/12/21 14:55
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**94**		1.0	0.20	ug/L			10/22/21 16:58	2
Trichlorofluoromethane	ND		2.0	0.26	ug/L			10/22/21 16:58	2
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.2**		1.0	0.34	ug/L			10/22/21 16:58	2
Vinyl chloride	ND		1.0	0.36	ug/L			10/22/21 16:58	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 120*		*10/22/21 16:58*	*2*
Dibromofluoromethane (Surr)	*88*		*80 - 123*		*10/22/21 16:58*	*2*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 123*		*10/22/21 16:58*	*2*
Toluene-d8 (Surr)	*88*		*78 - 120*		*10/22/21 16:58*	*2*

Client Sample ID: J6038-T22B-101221
Lab Sample ID: 320-80333-29

Date Collected: 10/12/21 10:28
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 14:42	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 14:42	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 14:42	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 14:42	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 14:42	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 14:42	1
Chloroform	**0.12**	**J**	1.0	0.12	ug/L			10/22/21 14:42	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 14:42	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 14:42	1
1,2-Dichlorobenzene	**2.2**		0.50	0.097	ug/L			10/22/21 14:42	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 14:42	1
1,4-Dichlorobenzene	**0.085**	**J**	0.50	0.083	ug/L			10/22/21 14:42	1
EDB	ND		0.50	0.12	ug/L			10/22/21 14:42	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 14:42	1
1,1-Dichloroethane	**0.36**	**J**	0.50	0.10	ug/L			10/22/21 14:42	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 14:42	1
1,1-Dichloroethene	**0.91**		0.50	0.13	ug/L			10/22/21 14:42	1
trans-1,2-Dichloroethene	**3.2**		0.50	0.11	ug/L			10/22/21 14:42	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 14:42	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 14:42	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 14:42	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 14:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 14:42	1
Tetrachloroethene	**1.5**		0.50	0.10	ug/L			10/22/21 14:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 14:42	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 14:42	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 14:42	1
Trichloroethene	**78**		0.50	0.10	ug/L			10/22/21 14:42	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 14:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.17**	**J**	0.50	0.17	ug/L			10/22/21 14:42	1
Vinyl chloride	**0.52**		0.50	0.18	ug/L			10/22/21 14:42	1

Client Sample ID: J6038-T22B-101221
Lab Sample ID: 320-80333-29

Date Collected: 10/12/21 10:28
Matrix: Water
Date Received: 10/14/21 11:52

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*74 - 120*		*10/22/21 14:42*	*1*
Dibromofluoromethane (Surr)	*88*		*80 - 123*		*10/22/21 14:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 123*		*10/22/21 14:42*	*1*
Toluene-d8 (Surr)	*87*		*78 - 120*		*10/22/21 14:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**140**		2.0	0.72	ug/L			10/25/21 17:18	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*74 - 120*		*10/25/21 17:18*	*4*
Dibromofluoromethane (Surr)	*104*		*80 - 123*		*10/25/21 17:18*	*4*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 123*		*10/25/21 17:18*	*4*
Toluene-d8 (Surr)	*102*		*78 - 120*		*10/25/21 17:18*	*4*

Client Sample ID: TRIPBLANK-J6038-101321
Lab Sample ID: 320-80333-30

Date Collected: 10/13/21 07:30
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/25/21 12:39	1
Bromoform	ND		1.0	0.19	ug/L			10/25/21 12:39	1
Bromomethane	ND		1.0	0.21	ug/L			10/25/21 12:39	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/25/21 12:39	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/25/21 12:39	1
Chloroethane	ND		1.0	0.24	ug/L			10/25/21 12:39	1
Chloroform	ND		1.0	0.12	ug/L			10/25/21 12:39	1
Chloromethane	ND		1.0	0.26	ug/L			10/25/21 12:39	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/25/21 12:39	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/25/21 12:39	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/25/21 12:39	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/25/21 12:39	1
EDB	ND		0.50	0.12	ug/L			10/25/21 12:39	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/25/21 12:39	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/25/21 12:39	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/25/21 12:39	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/25/21 12:39	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/25/21 12:39	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/25/21 12:39	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/25/21 12:39	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/25/21 12:39	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/25/21 12:39	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/25/21 12:39	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/25/21 12:39	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/25/21 12:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/25/21 12:39	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/25/21 12:39	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/25/21 12:39	1
Trichloroethene	ND		0.50	0.10	ug/L			10/25/21 12:39	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/25/21 12:39	1

Client Sample ID: TRIPBLANK-J6038-101321

Lab Sample ID: 320-80333-30

Date Collected: 10/13/21 07:30
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/25/21 12:39	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/25/21 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*74 - 120*		*10/25/21 12:39*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 123*		*10/25/21 12:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*72 - 123*		*10/25/21 12:39*	*1*
Toluene-d8 (Surr)	*104*		*78 - 120*		*10/25/21 12:39*	*1*

Client Sample ID: J6038-T5B-101321-1

Lab Sample ID: 320-80333-31

Date Collected: 10/13/21 08:01
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		10	2.8	ug/L			10/25/21 19:37	20
Bromoform	ND		20	3.8	ug/L			10/25/21 19:37	20
Bromomethane	ND		20	4.2	ug/L			10/25/21 19:37	20
Carbon tetrachloride	ND		10	2.4	ug/L			10/25/21 19:37	20
Chlorobenzene	ND		10	1.4	ug/L			10/25/21 19:37	20
Chloroethane	ND		20	4.8	ug/L			10/25/21 19:37	20
Chloroform	ND		20	2.4	ug/L			10/25/21 19:37	20
Chloromethane	ND		20	5.2	ug/L			10/25/21 19:37	20
Chlorodibromomethane	ND		10	3.2	ug/L			10/25/21 19:37	20
1,2-Dichlorobenzene	ND		10	1.9	ug/L			10/25/21 19:37	20
1,3-Dichlorobenzene	ND		10	1.7	ug/L			10/25/21 19:37	20
1,4-Dichlorobenzene	ND		10	1.7	ug/L			10/25/21 19:37	20
EDB	ND		10	2.4	ug/L			10/25/21 19:37	20
Dichlorodifluoromethane	ND		20	6.4	ug/L			10/25/21 19:37	20
1,1-Dichloroethane	ND		10	2.0	ug/L			10/25/21 19:37	20
1,2-Dichloroethane	ND		10	2.8	ug/L			10/25/21 19:37	20
1,1-Dichloroethene	ND		10	2.6	ug/L			10/25/21 19:37	20
cis-1,2-Dichloroethene	**95**		10	3.6	ug/L			10/25/21 19:37	20
trans-1,2-Dichloroethene	ND		10	2.2	ug/L			10/25/21 19:37	20
1,2-Dichloropropane	ND		10	3.0	ug/L			10/25/21 19:37	20
cis-1,3-Dichloropropene	ND		10	3.0	ug/L			10/25/21 19:37	20
trans-1,3-Dichloropropene	ND		10	3.2	ug/L			10/25/21 19:37	20
Methylene Chloride	ND		20	3.2	ug/L			10/25/21 19:37	20
1,1,2,2-Tetrachloroethane	ND		10	2.2	ug/L			10/25/21 19:37	20
Tetrachloroethene	**6.5**	**J**	10	2.0	ug/L			10/25/21 19:37	20
1,2,4-Trichlorobenzene	ND		20	5.0	ug/L			10/25/21 19:37	20
1,1,1-Trichloroethane	ND		10	2.0	ug/L			10/25/21 19:37	20
1,1,2-Trichloroethane	ND		10	2.4	ug/L			10/25/21 19:37	20
Trichlorofluoromethane	ND		20	2.6	ug/L			10/25/21 19:37	20
1,1,2-Trichloro-1,2,2-trifluoroethane	**200**		10	3.4	ug/L			10/25/21 19:37	20
Vinyl chloride	ND		10	3.6	ug/L			10/25/21 19:37	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*74 - 120*		*10/25/21 19:37*	*20*
Dibromofluoromethane (Surr)	*102*		*80 - 123*		*10/25/21 19:37*	*20*

Client Sample ID: J6038-T5B-101321-1

Lab Sample ID: 320-80333-31

Date Collected: 10/13/21 08:01
Date Received: 10/14/21 11:52

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 123*		*10/25/21 19:37*	*20*
Toluene-d8 (Surr)	*102*		*78 - 120*		*10/25/21 19:37*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**1400**		20	4.0	ug/L			10/26/21 18:43	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*74 - 120*		*10/26/21 18:43*	*40*
Dibromofluoromethane (Surr)	*95*		*80 - 123*		*10/26/21 18:43*	*40*
1,2-Dichloroethane-d4 (Surr)	*81*		*72 - 123*		*10/26/21 18:43*	*40*
Toluene-d8 (Surr)	*96*		*78 - 120*		*10/26/21 18:43*	*40*

Client Sample ID: J6038-T5B-101321-2

Lab Sample ID: 320-80333-32

Date Collected: 10/13/21 08:06
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		10	2.8	ug/L			10/25/21 20:00	20
Bromoform	ND		20	3.8	ug/L			10/25/21 20:00	20
Bromomethane	ND		20	4.2	ug/L			10/25/21 20:00	20
Carbon tetrachloride	ND		10	2.4	ug/L			10/25/21 20:00	20
Chlorobenzene	ND		10	1.4	ug/L			10/25/21 20:00	20
Chloroethane	ND		20	4.8	ug/L			10/25/21 20:00	20
Chloroform	ND		20	2.4	ug/L			10/25/21 20:00	20
Chloromethane	ND		20	5.2	ug/L			10/25/21 20:00	20
Chlorodibromomethane	ND		10	3.2	ug/L			10/25/21 20:00	20
1,2-Dichlorobenzene	ND		10	1.9	ug/L			10/25/21 20:00	20
1,3-Dichlorobenzene	ND		10	1.7	ug/L			10/25/21 20:00	20
1,4-Dichlorobenzene	ND		10	1.7	ug/L			10/25/21 20:00	20
EDB	ND		10	2.4	ug/L			10/25/21 20:00	20
Dichlorodifluoromethane	ND		20	6.4	ug/L			10/25/21 20:00	20
1,1-Dichloroethane	ND		10	2.0	ug/L			10/25/21 20:00	20
1,2-Dichloroethane	ND		10	2.8	ug/L			10/25/21 20:00	20
1,1-Dichloroethene	ND		10	2.6	ug/L			10/25/21 20:00	20
cis-1,2-Dichloroethene	**45**		10	3.6	ug/L			10/25/21 20:00	20
trans-1,2-Dichloroethene	ND		10	2.2	ug/L			10/25/21 20:00	20
1,2-Dichloropropane	ND		10	3.0	ug/L			10/25/21 20:00	20
cis-1,3-Dichloropropene	ND		10	3.0	ug/L			10/25/21 20:00	20
trans-1,3-Dichloropropene	ND		10	3.2	ug/L			10/25/21 20:00	20
Methylene Chloride	ND		20	3.2	ug/L			10/25/21 20:00	20
1,1,2,2-Tetrachloroethane	ND		10	2.2	ug/L			10/25/21 20:00	20
Tetrachloroethene	**2.7**	**J**	10	2.0	ug/L			10/25/21 20:00	20
1,2,4-Trichlorobenzene	ND		20	5.0	ug/L			10/25/21 20:00	20
1,1,1-Trichloroethane	ND		10	2.0	ug/L			10/25/21 20:00	20
1,1,2-Trichloroethane	ND		10	2.4	ug/L			10/25/21 20:00	20
Trichloroethene	**870**		10	2.0	ug/L			10/25/21 20:00	20
Trichlorofluoromethane	ND		20	2.6	ug/L			10/25/21 20:00	20

Client Sample ID: J6038-T5B-101321-2

Lab Sample ID: 320-80333-32

Date Collected: 10/13/21 08:06
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	**93**		10	3.4	ug/L			10/25/21 20:00	20
Vinyl chloride	ND		10	3.6	ug/L			10/25/21 20:00	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 120*		*10/25/21 20:00*	*20*
Dibromofluoromethane (Surr)	*106*		*80 - 123*		*10/25/21 20:00*	*20*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 123*		*10/25/21 20:00*	*20*
Toluene-d8 (Surr)	*102*		*78 - 120*		*10/25/21 20:00*	*20*

Client Sample ID: J6038-T21B-101321

Lab Sample ID: 320-80333-33

Date Collected: 10/13/21 08:41
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		5.0	1.4	ug/L			10/25/21 18:51	10
Bromoform	ND		10	1.9	ug/L			10/25/21 18:51	10
Bromomethane	ND		10	2.1	ug/L			10/25/21 18:51	10
Carbon tetrachloride	ND		5.0	1.2	ug/L			10/25/21 18:51	10
Chlorobenzene	ND		5.0	0.70	ug/L			10/25/21 18:51	10
Chloroethane	ND		10	2.4	ug/L			10/25/21 18:51	10
Chloroform	ND		10	1.2	ug/L			10/25/21 18:51	10
Chloromethane	ND		10	2.6	ug/L			10/25/21 18:51	10
Chlorodibromomethane	ND		5.0	1.6	ug/L			10/25/21 18:51	10
1,2-Dichlorobenzene	ND		5.0	0.97	ug/L			10/25/21 18:51	10
1,3-Dichlorobenzene	ND		5.0	0.86	ug/L			10/25/21 18:51	10
1,4-Dichlorobenzene	ND		5.0	0.83	ug/L			10/25/21 18:51	10
EDB	ND		5.0	1.2	ug/L			10/25/21 18:51	10
Dichlorodifluoromethane	ND		10	3.2	ug/L			10/25/21 18:51	10
1,1-Dichloroethane	ND		5.0	1.0	ug/L			10/25/21 18:51	10
1,2-Dichloroethane	ND		5.0	1.4	ug/L			10/25/21 18:51	10
1,1-Dichloroethene	ND		5.0	1.3	ug/L			10/25/21 18:51	10
cis-1,2-Dichloroethene	**260**		5.0	1.8	ug/L			10/25/21 18:51	10
trans-1,2-Dichloroethene	**1.7**	J	5.0	1.1	ug/L			10/25/21 18:51	10
1,2-Dichloropropane	ND		5.0	1.5	ug/L			10/25/21 18:51	10
cis-1,3-Dichloropropene	ND		5.0	1.5	ug/L			10/25/21 18:51	10
trans-1,3-Dichloropropene	ND		5.0	1.6	ug/L			10/25/21 18:51	10
Methylene Chloride	ND		10	1.6	ug/L			10/25/21 18:51	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/25/21 18:51	10
Tetrachloroethene	ND		5.0	1.0	ug/L			10/25/21 18:51	10
1,2,4-Trichlorobenzene	ND		10	2.5	ug/L			10/25/21 18:51	10
1,1,1-Trichloroethane	ND		5.0	1.0	ug/L			10/25/21 18:51	10
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/25/21 18:51	10
Trichloroethene	**410**		5.0	1.0	ug/L			10/25/21 18:51	10
Trichlorofluoromethane	ND		10	1.3	ug/L			10/25/21 18:51	10
1,1,2-Trichloro-1,2,2-trifluoroethane	**14**		5.0	1.7	ug/L			10/25/21 18:51	10
Vinyl chloride	ND		5.0	1.8	ug/L			10/25/21 18:51	10

Client Sample ID: J6038-T21B-101321
Lab Sample ID: 320-80333-33

Date Collected: 10/13/21 08:41
Matrix: Water
Date Received: 10/14/21 11:52

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*74 - 120*		*10/25/21 18:51*	*10*
Dibromofluoromethane (Surr)	*107*		*80 - 123*		*10/25/21 18:51*	*10*
1,2-Dichloroethane-d4 (Surr)	*116*		*72 - 123*		*10/25/21 18:51*	*10*
Toluene-d8 (Surr)	*101*		*78 - 120*		*10/25/21 18:51*	*10*

Client Sample ID: J6038-T18B-101321
Lab Sample ID: 320-80333-34

Date Collected: 10/13/21 09:25
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/25/21 14:35	1
Bromoform	ND		1.0	0.19	ug/L			10/25/21 14:35	1
Bromomethane	ND		1.0	0.21	ug/L			10/25/21 14:35	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/25/21 14:35	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/25/21 14:35	1
Chloroethane	ND		1.0	0.24	ug/L			10/25/21 14:35	1
Chloroform	ND		1.0	0.12	ug/L			10/25/21 14:35	1
Chloromethane	ND		1.0	0.26	ug/L			10/25/21 14:35	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/25/21 14:35	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/25/21 14:35	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/25/21 14:35	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/25/21 14:35	1
EDB	ND		0.50	0.12	ug/L			10/25/21 14:35	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/25/21 14:35	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/25/21 14:35	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/25/21 14:35	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/25/21 14:35	1
cis-1,2-Dichloroethene	**1.0**		0.50	0.18	ug/L			10/25/21 14:35	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/25/21 14:35	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/25/21 14:35	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/25/21 14:35	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/25/21 14:35	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/25/21 14:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/25/21 14:35	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/25/21 14:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/25/21 14:35	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/25/21 14:35	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/25/21 14:35	1
Trichloroethene	**16**		0.50	0.10	ug/L			10/25/21 14:35	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/25/21 14:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.87**		0.50	0.17	ug/L			10/25/21 14:35	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/25/21 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*74 - 120*		*10/25/21 14:35*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 123*		*10/25/21 14:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 123*		*10/25/21 14:35*	*1*
Toluene-d8 (Surr)	*103*		*78 - 120*		*10/25/21 14:35*	*1*

Client Sample ID: J6038-T20B-101321

Lab Sample ID: 320-80333-35

Date Collected: 10/13/21 10:02
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		5.0	1.4	ug/L			10/25/21 19:14	10
Bromoform	ND		10	1.9	ug/L			10/25/21 19:14	10
Bromomethane	ND		10	2.1	ug/L			10/25/21 19:14	10
Carbon tetrachloride	ND		5.0	1.2	ug/L			10/25/21 19:14	10
Chlorobenzene	ND		5.0	0.70	ug/L			10/25/21 19:14	10
Chloroethane	ND		10	2.4	ug/L			10/25/21 19:14	10
Chloroform	ND		10	1.2	ug/L			10/25/21 19:14	10
Chloromethane	ND		10	2.6	ug/L			10/25/21 19:14	10
Chlorodibromomethane	ND		5.0	1.6	ug/L			10/25/21 19:14	10
1,2-Dichlorobenzene	ND		5.0	0.97	ug/L			10/25/21 19:14	10
1,3-Dichlorobenzene	ND		5.0	0.86	ug/L			10/25/21 19:14	10
1,4-Dichlorobenzene	ND		5.0	0.83	ug/L			10/25/21 19:14	10
EDB	ND		5.0	1.2	ug/L			10/25/21 19:14	10
Dichlorodifluoromethane	ND		10	3.2	ug/L			10/25/21 19:14	10
1,1-Dichloroethane	ND		5.0	1.0	ug/L			10/25/21 19:14	10
1,2-Dichloroethane	ND		5.0	1.4	ug/L			10/25/21 19:14	10
1,1-Dichloroethene	**1.7**	**J**	5.0	1.3	ug/L			10/25/21 19:14	10
cis-1,2-Dichloroethene	**370**		5.0	1.8	ug/L			10/25/21 19:14	10
trans-1,2-Dichloroethene	**2.9**	**J**	5.0	1.1	ug/L			10/25/21 19:14	10
1,2-Dichloropropane	ND		5.0	1.5	ug/L			10/25/21 19:14	10
cis-1,3-Dichloropropene	ND		5.0	1.5	ug/L			10/25/21 19:14	10
trans-1,3-Dichloropropene	ND		5.0	1.6	ug/L			10/25/21 19:14	10
Methylene Chloride	ND		10	1.6	ug/L			10/25/21 19:14	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/25/21 19:14	10
Tetrachloroethene	ND		5.0	1.0	ug/L			10/25/21 19:14	10
1,2,4-Trichlorobenzene	ND		10	2.5	ug/L			10/25/21 19:14	10
1,1,1-Trichloroethane	ND		5.0	1.0	ug/L			10/25/21 19:14	10
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/25/21 19:14	10
Trichloroethene	**170**		5.0	1.0	ug/L			10/25/21 19:14	10
Trichlorofluoromethane	ND		10	1.3	ug/L			10/25/21 19:14	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.7	ug/L			10/25/21 19:14	10
Vinyl chloride	**6.3**		5.0	1.8	ug/L			10/25/21 19:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*74 - 120*		*10/25/21 19:14*	*10*
Dibromofluoromethane (Surr)	*108*		*80 - 123*		*10/25/21 19:14*	*10*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 123*		*10/25/21 19:14*	*10*
Toluene-d8 (Surr)	*99*		*78 - 120*		*10/25/21 19:14*	*10*

Client Sample ID: J6038-T12C-101321

Lab Sample ID: 320-80333-36

Date Collected: 10/13/21 11:06
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/25/21 14:59	1
Bromoform	ND		1.0	0.19	ug/L			10/25/21 14:59	1
Bromomethane	ND		1.0	0.21	ug/L			10/25/21 14:59	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/25/21 14:59	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/25/21 14:59	1

Client Sample ID: J6038-T12C-101321

Lab Sample ID: 320-80333-36

Date Collected: 10/13/21 11:06
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.24	ug/L			10/25/21 14:59	1
Chloroform	ND		1.0	0.12	ug/L			10/25/21 14:59	1
Chloromethane	ND		1.0	0.26	ug/L			10/25/21 14:59	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/25/21 14:59	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/25/21 14:59	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/25/21 14:59	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/25/21 14:59	1
EDB	ND		0.50	0.12	ug/L			10/25/21 14:59	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/25/21 14:59	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/25/21 14:59	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/25/21 14:59	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/25/21 14:59	1
cis-1,2-Dichloroethene	**0.54**		0.50	0.18	ug/L			10/25/21 14:59	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/25/21 14:59	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/25/21 14:59	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/25/21 14:59	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/25/21 14:59	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/25/21 14:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/25/21 14:59	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/25/21 14:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/25/21 14:59	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/25/21 14:59	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/25/21 14:59	1
Trichloroethene	**1.9**		0.50	0.10	ug/L			10/25/21 14:59	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/25/21 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/25/21 14:59	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/25/21 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*74 - 120*		*10/25/21 14:59*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 123*		*10/25/21 14:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 123*		*10/25/21 14:59*	*1*
Toluene-d8 (Surr)	*101*		*78 - 120*		*10/25/21 14:59*	*1*

Client Sample ID: J6038-T9C-101321

Lab Sample ID: 320-80333-37

Date Collected: 10/13/21 11:35
Date Received: 10/14/21 11:52

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/25/21 15:22	1
Bromoform	ND		1.0	0.19	ug/L			10/25/21 15:22	1
Bromomethane	ND		1.0	0.21	ug/L			10/25/21 15:22	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/25/21 15:22	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/25/21 15:22	1
Chloroethane	ND		1.0	0.24	ug/L			10/25/21 15:22	1
Chloroform	ND		1.0	0.12	ug/L			10/25/21 15:22	1
Chloromethane	ND		1.0	0.26	ug/L			10/25/21 15:22	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/25/21 15:22	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/25/21 15:22	1

Client Sample ID: J6038-T9C-101321

Lab Sample ID: 320-80333-37

Date Collected: 10/13/21 11:35
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/25/21 15:22	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/25/21 15:22	1
EDB	ND		0.50	0.12	ug/L			10/25/21 15:22	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/25/21 15:22	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/25/21 15:22	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/25/21 15:22	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/25/21 15:22	1
cis-1,2-Dichloroethene	**0.31**	**J**	0.50	0.18	ug/L			10/25/21 15:22	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/25/21 15:22	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/25/21 15:22	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/25/21 15:22	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/25/21 15:22	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/25/21 15:22	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/25/21 15:22	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/25/21 15:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/25/21 15:22	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/25/21 15:22	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/25/21 15:22	1
Trichloroethene	**0.31**	**J**	0.50	0.10	ug/L			10/25/21 15:22	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/25/21 15:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/25/21 15:22	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/25/21 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*74 - 120*		*10/25/21 15:22*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 123*		*10/25/21 15:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 123*		*10/25/21 15:22*	*1*
Toluene-d8 (Surr)	*100*		*78 - 120*		*10/25/21 15:22*	*1*

Client Sample ID: J6038-T19B-101321

Lab Sample ID: 320-80333-38

Date Collected: 10/13/21 12:30
Matrix: Water
Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/25/21 15:45	1
Bromoform	ND		1.0	0.19	ug/L			10/25/21 15:45	1
Bromomethane	ND		1.0	0.21	ug/L			10/25/21 15:45	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/25/21 15:45	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/25/21 15:45	1
Chloroethane	ND		1.0	0.24	ug/L			10/25/21 15:45	1
Chloroform	ND		1.0	0.12	ug/L			10/25/21 15:45	1
Chloromethane	ND		1.0	0.26	ug/L			10/25/21 15:45	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/25/21 15:45	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/25/21 15:45	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/25/21 15:45	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/25/21 15:45	1
EDB	ND		0.50	0.12	ug/L			10/25/21 15:45	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/25/21 15:45	1
1,1-Dichloroethane	**0.23**	**J**	0.50	0.10	ug/L			10/25/21 15:45	1

Client Sample ID: J6038-T19B-101321

Lab Sample ID: 320-80333-38

Date Collected: 10/13/21 12:30

Matrix: Water

Date Received: 10/14/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/25/21 15:45	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/25/21 15:45	1
cis-1,2-Dichloroethene	**1.3**		0.50	0.18	ug/L			10/25/21 15:45	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/25/21 15:45	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/25/21 15:45	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/25/21 15:45	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/25/21 15:45	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/25/21 15:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/25/21 15:45	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/25/21 15:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/25/21 15:45	1
1,1,1-Trichloroethane	**0.17**	**J**	0.50	0.10	ug/L			10/25/21 15:45	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/25/21 15:45	1
Trichloroethene	**50**		0.50	0.10	ug/L			10/25/21 15:45	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/25/21 15:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.98**		0.50	0.17	ug/L			10/25/21 15:45	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/25/21 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*74 - 120*		*10/25/21 15:45*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 123*		*10/25/21 15:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*72 - 123*		*10/25/21 15:45*	*1*
Toluene-d8 (Surr)	*101*		*78 - 120*		*10/25/21 15:45*	*1*

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-120)	(80-123)	(72-123)	(78-120)
320-80333-1	TRIPBLANK-J6038-101121	115	103	110	100
320-80333-2	J6038-T9A-101121	115	103	114	100
320-80333-2 - DL	J6038-T9A-101121	96	100	89	97
320-80333-3	J6038-T19A-101121	112	102	112	100
320-80333-4	J6038-T14A-101121	111	106	113	100
320-80333-5	J6038-T13A-101121	115	111	118	97
320-80333-6	J6038-T23A-101121	112	105	115	99
320-80333-7	J6038-T25A-101121	116	108	118	101
320-80333-8	TRIPBLANK-J6038-101221	93	102	90	96
320-80333-9	J6038-T15A-101221	95	100	86	95
320-80333-10	J6038-T17A-101221	96	100	85	95
320-80333-11	J6038-T17B-101221	95	96	86	95
320-80333-12	J6038-T4B-101221	94	99	88	96
320-80333-13	J6038-38S-101221	112	107	117	103
320-80333-14	J6038-T25BS-101221	112	106	117	103
320-80333-15	J6038-T25BD-101221	112	103	114	101
320-80333-16	J6038-T24B-101221	91	85	94	89
320-80333-17	J6038-T23B-101221	92	87	94	88
320-80333-18	J6038-T10B-101221	90	87	94	87
320-80333-19	J6038-T16A-101221	90	88	93	88
320-80333-20	J6038-T10C-101221	91	86	94	88
320-80333-21	J6038-T8B-101221	91	86	87	89
320-80333-21 - DL	J6038-T8B-101221	111	107	118	103
320-80333-22	J6038-T8A-101221	93	89	94	87
320-80333-23	J6038-T11C-101221-1	91	85	94	86
320-80333-24	J6038-T11C-101221-2	90	87	96	87
320-80333-25	J6038-T7B-101221-1	92	88	95	87
320-80333-26	J6038-T7B-101221-2	91	86	89	87
320-80333-27	J6038-T7A-101221-1	92	87	91	88
320-80333-28	J6038-T7A-101221-2	91	88	95	88
320-80333-29	J6038-T22B-101221	92	88	94	87
320-80333-29 - DL	J6038-T22B-101221	109	104	112	102
320-80333-30	TRIPBLANK-J6038-101321	113	107	115	104
320-80333-31	J6038-T5B-101321-1	114	102	114	102
320-80333-31 - DL	J6038-T5B-101321-1	93	95	81	96
320-80333-32	J6038-T5B-101321-2	110	106	112	102
320-80333-33	J6038-T21B-101321	114	107	116	101
320-80333-34	J6038-T18B-101321	111	105	113	103
320-80333-35	J6038-T20B-101321	114	108	118	99
320-80333-36	J6038-T12C-101321	115	111	118	101
320-80333-37	J6038-T9C-101321	113	105	112	100
320-80333-38	J6038-T19B-101321	113	107	115	101
LCS 320-536266/4	Lab Control Sample	109	112	117	102
LCS 320-536344/3	Lab Control Sample	111	107	114	102
LCS 320-536349/4	Lab Control Sample	93	91	93	88
LCS 320-536356/6	Lab Control Sample	95	104	91	99
LCS 320-536611/4	Lab Control Sample	92	89	92	89
LCS 320-536913/3	Lab Control Sample	115	111	114	105
LCS 320-537169/3	Lab Control Sample	89	96	78	96

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 320-80333-1
Project/Site: TRW Microwave

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	**Client Sample ID**	**(74-120)**	**(80-123)**	**(72-123)**	**(78-120)**
LCSD 320-536266/5	Lab Control Sample Dup	110	109	113	102
LCSD 320-536344/4	Lab Control Sample Dup	111	110	113	103
LCSD 320-536349/5	Lab Control Sample Dup	95	92	93	88
LCSD 320-536356/7	Lab Control Sample Dup	98	103	86	100
LCSD 320-536611/5	Lab Control Sample Dup	93	91	92	88
LCSD 320-536913/4	Lab Control Sample Dup	114	109	113	105
LCSD 320-537169/4	Lab Control Sample Dup	95	96	76	99
MB 320-536266/8	Method Blank	112	108	117	103
MB 320-536344/7	Method Blank	117	110	115	97
MB 320-536349/8	Method Blank	92	86	91	86
MB 320-536356/11	Method Blank	96	99	88	96
MB 320-536611/8	Method Blank	93	89	96	87
MB 320-536913/7	Method Blank	114	109	116	100
MB 320-537169/10	Method Blank	96	99	86	94

Surrogate Legend

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

Method: RSK-175 - Dissolved Gases (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TFE1
Lab Sample ID	**Client Sample ID**	**(60-140)**
320-80333-14	J6038-T25BS-101221	108
320-80333-18	J6038-T10B-101221	107
320-80333-21	J6038-T8B-101221	107
LCS 240-509082/4	Lab Control Sample	106
MB 240-509082/3	Method Blank	110

Surrogate Legend

TFE = 1,1,1-Trifluoroethane

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

Lab Sample ID: MB 320-536266/8
Matrix: Water
Analysis Batch: 536266

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/21/21 23:56	1
Bromoform	ND		1.0	0.19	ug/L			10/21/21 23:56	1
Bromomethane	ND		1.0	0.21	ug/L			10/21/21 23:56	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/21/21 23:56	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/21/21 23:56	1
Chloroethane	ND		1.0	0.24	ug/L			10/21/21 23:56	1
Chloroform	ND		1.0	0.12	ug/L			10/21/21 23:56	1
Chloromethane	ND		1.0	0.26	ug/L			10/21/21 23:56	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/21/21 23:56	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/21/21 23:56	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/21/21 23:56	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/21/21 23:56	1
EDB	ND		0.50	0.12	ug/L			10/21/21 23:56	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/21/21 23:56	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/21/21 23:56	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/21/21 23:56	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/21/21 23:56	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/21/21 23:56	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/21/21 23:56	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/21/21 23:56	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/21/21 23:56	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/21/21 23:56	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/21/21 23:56	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/21/21 23:56	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/21/21 23:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/21/21 23:56	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/21/21 23:56	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/21/21 23:56	1
Trichloroethene	ND		0.50	0.10	ug/L			10/21/21 23:56	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/21/21 23:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/21/21 23:56	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/21/21 23:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*74 - 120*		*10/21/21 23:56*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 123*		*10/21/21 23:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 123*		*10/21/21 23:56*	*1*
Toluene-d8 (Surr)	*103*		*78 - 120*		*10/21/21 23:56*	*1*

Lab Sample ID: LCS 320-536266/4
Matrix: Water
Analysis Batch: 536266

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20.0	21.9		ug/L		109	80 - 124
Bromoform	20.0	18.7		ug/L		94	80 - 120
Bromomethane	20.0	20.1		ug/L		100	65 - 132
Carbon tetrachloride	20.0	21.8		ug/L		109	78 - 124

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

Lab Sample ID: LCS 320-536266/4
Matrix: Water
Analysis Batch: 536266

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	20.0	19.6		ug/L		98	78 - 120
Chloroethane	20.0	20.6		ug/L		103	65 - 123
Chloroform	20.0	21.5		ug/L		107	80 - 120
Chloromethane	20.0	17.1		ug/L		85	62 - 129
Chlorodibromomethane	20.0	20.5		ug/L		103	80 - 122
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	77 - 120
1,3-Dichlorobenzene	20.0	19.6		ug/L		98	78 - 120
1,4-Dichlorobenzene	20.0	20.1		ug/L		101	74 - 120
EDB	20.0	20.4		ug/L		102	78 - 120
Dichlorodifluoromethane	20.0	18.3		ug/L		92	39 - 161
1,1-Dichloroethane	20.0	20.0		ug/L		100	79 - 120
1,2-Dichloroethane	20.0	21.7		ug/L		108	77 - 128
1,1-Dichloroethene	20.0	20.9		ug/L		104	74 - 120
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	78 - 120
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	76 - 120
1,2-Dichloropropane	20.0	21.2		ug/L		106	75 - 125
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	80 - 131
trans-1,3-Dichloropropene	20.0	20.4		ug/L		102	75 - 133
Methylene Chloride	20.0	21.1		ug/L		106	77 - 120
1,1,2,2-Tetrachloroethane	20.0	20.4		ug/L		102	74 - 137
Tetrachloroethene	20.0	20.6		ug/L		103	74 - 120
1,2,4-Trichlorobenzene	20.0	20.6		ug/L		103	61 - 130
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	79 - 121
1,1,2-Trichloroethane	20.0	20.9		ug/L		105	79 - 127
Trichloroethene	20.0	21.1		ug/L		106	74 - 120
Trichlorofluoromethane	20.0	21.6		ug/L		108	60 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9		ug/L		104	64 - 125
Vinyl chloride	20.0	18.7		ug/L		94	68 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*74 - 120*
Dibromofluoromethane (Surr)	*112*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 123*
Toluene-d8 (Surr)	*102*		*78 - 120*

Lab Sample ID: LCSD 320-536266/5
Matrix: Water
Analysis Batch: 536266

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
Dichlorobromomethane	20.0	21.0		ug/L		105	80 - 124	4	20
Bromoform	20.0	18.9		ug/L		94	80 - 120	1	16
Bromomethane	20.0	19.6		ug/L		98	65 - 132	2	40
Carbon tetrachloride	20.0	21.0		ug/L		105	78 - 124	4	25
Chlorobenzene	20.0	19.4		ug/L		97	78 - 120	1	15
Chloroethane	20.0	20.4		ug/L		102	65 - 123	1	40
Chloroform	20.0	20.3		ug/L		102	80 - 120	5	22
Chloromethane	20.0	17.2		ug/L		86	62 - 129	1	25

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

Lab Sample ID: LCSD 320-536266/5
Matrix: Water
Analysis Batch: 536266

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
Chlorodibromomethane	20.0	20.6		ug/L		103	80 - 122	0	17
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	77 - 120	2	19
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	78 - 120	1	17
1,4-Dichlorobenzene	20.0	20.1		ug/L		100	74 - 120	0	15
EDB	20.0	20.6		ug/L		103	78 - 120	1	15
Dichlorodifluoromethane	20.0	17.4		ug/L		87	39 - 161	5	51
1,1-Dichloroethane	20.0	19.1		ug/L		96	79 - 120	5	21
1,2-Dichloroethane	20.0	20.7		ug/L		104	77 - 128	4	25
1,1-Dichloroethene	20.0	20.6		ug/L		103	74 - 120	1	22
cis-1,2-Dichloroethene	20.0	19.3		ug/L		97	78 - 120	8	18
trans-1,2-Dichloroethene	20.0	18.9		ug/L		95	76 - 120	7	20
1,2-Dichloropropane	20.0	19.8		ug/L		99	75 - 125	6	27
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	80 - 131	1	24
trans-1,3-Dichloropropene	20.0	20.8		ug/L		104	75 - 133	2	29
Methylene Chloride	20.0	20.3		ug/L		102	77 - 120	4	20
1,1,2,2-Tetrachloroethane	20.0	20.6		ug/L		103	74 - 137	1	27
Tetrachloroethene	20.0	20.4		ug/L		102	74 - 120	1	18
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		99	61 - 130	4	40
1,1,1-Trichloroethane	20.0	21.1		ug/L		106	79 - 121	3	25
1,1,2-Trichloroethane	20.0	20.7		ug/L		104	79 - 127	1	30
Trichloroethene	20.0	20.1		ug/L		100	74 - 120	5	20
Trichlorofluoromethane	20.0	20.9		ug/L		104	60 - 135	3	41
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0		ug/L		100	64 - 125	4	40
Vinyl chloride	20.0	17.4		ug/L		87	68 - 121	7	33

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*74 - 120*
Dibromofluoromethane (Surr)	*109*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 123*
Toluene-d8 (Surr)	*102*		*78 - 120*

Lab Sample ID: MB 320-536344/7
Matrix: Water
Analysis Batch: 536344

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 12:05	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 12:05	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 12:05	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 12:05	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 12:05	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 12:05	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 12:05	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 12:05	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 12:05	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/22/21 12:05	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 12:05	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 12:05	1

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

Lab Sample ID: MB 320-536344/7
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
EDB	ND		0.50	0.12	ug/L			10/22/21 12:05	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 12:05	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/22/21 12:05	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 12:05	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/22/21 12:05	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/22/21 12:05	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/22/21 12:05	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 12:05	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 12:05	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 12:05	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 12:05	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 12:05	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/22/21 12:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 12:05	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 12:05	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 12:05	1
Trichloroethene	ND		0.50	0.10	ug/L			10/22/21 12:05	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 12:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 12:05	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/22/21 12:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*74 - 120*		*10/22/21 12:05*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 123*		*10/22/21 12:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*72 - 123*		*10/22/21 12:05*	*1*
Toluene-d8 (Surr)	*97*		*78 - 120*		*10/22/21 12:05*	*1*

Lab Sample ID: LCS 320-536344/3
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20.0	21.3		ug/L		107	80 - 124
Bromoform	20.0	19.7		ug/L		99	80 - 120
Bromomethane	20.0	18.7		ug/L		93	65 - 132
Carbon tetrachloride	20.0	21.1		ug/L		106	78 - 124
Chlorobenzene	20.0	20.0		ug/L		100	78 - 120
Chloroethane	20.0	18.6		ug/L		93	65 - 123
Chloroform	20.0	20.5		ug/L		102	80 - 120
Chloromethane	20.0	16.5		ug/L		82	62 - 129
Chlorodibromomethane	20.0	21.0		ug/L		105	80 - 122
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	77 - 120
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	78 - 120
1,4-Dichlorobenzene	20.0	20.1		ug/L		100	74 - 120
EDB	20.0	20.7		ug/L		104	78 - 120
Dichlorodifluoromethane	20.0	17.2		ug/L		86	39 - 161
1,1-Dichloroethane	20.0	19.2		ug/L		96	79 - 120
1,2-Dichloroethane	20.0	21.0		ug/L		105	77 - 128

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

Lab Sample ID: LCS 320-536344/3
Matrix: Water
Analysis Batch: 536344

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	20.4		ug/L		102	74 - 120
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	78 - 120
trans-1,2-Dichloroethene	20.0	19.0		ug/L		95	76 - 120
1,2-Dichloropropane	20.0	20.2		ug/L		101	75 - 125
cis-1,3-Dichloropropene	20.0	21.2		ug/L		106	80 - 131
trans-1,3-Dichloropropene	20.0	21.7		ug/L		108	75 - 133
Methylene Chloride	20.0	20.6		ug/L		103	77 - 120
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	74 - 137
Tetrachloroethene	20.0	20.4		ug/L		102	74 - 120
1,2,4-Trichlorobenzene	20.0	20.2		ug/L		101	61 - 130
1,1,1-Trichloroethane	20.0	21.2		ug/L		106	79 - 121
1,1,2-Trichloroethane	20.0	20.9		ug/L		105	79 - 127
Trichloroethene	20.0	20.1		ug/L		101	74 - 120
Trichlorofluoromethane	20.0	20.8		ug/L		104	60 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3		ug/L		101	64 - 125
Vinyl chloride	20.0	17.3		ug/L		87	68 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*74 - 120*
Dibromofluoromethane (Surr)	*107*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 123*
Toluene-d8 (Surr)	*102*		*78 - 120*

Lab Sample ID: LCSD 320-536344/4
Matrix: Water
Analysis Batch: 536344

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
Dichlorobromomethane	20.0	21.2		ug/L		106	80 - 124	1	20
Bromoform	20.0	19.5		ug/L		97	80 - 120	1	16
Bromomethane	20.0	19.4		ug/L		97	65 - 132	4	40
Carbon tetrachloride	20.0	21.2		ug/L		106	78 - 124	0	25
Chlorobenzene	20.0	19.4		ug/L		97	78 - 120	3	15
Chloroethane	20.0	18.8		ug/L		94	65 - 123	1	40
Chloroform	20.0	20.3		ug/L		102	80 - 120	1	22
Chloromethane	20.0	15.0		ug/L		75	62 - 129	9	25
Chlorodibromomethane	20.0	21.0		ug/L		105	80 - 122	0	17
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	77 - 120	2	19
1,3-Dichlorobenzene	20.0	20.1		ug/L		101	78 - 120	2	17
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	74 - 120	1	15
EDB	20.0	20.3		ug/L		102	78 - 120	2	15
Dichlorodifluoromethane	20.0	16.7		ug/L		83	39 - 161	3	51
1,1-Dichloroethane	20.0	19.0		ug/L		95	79 - 120	1	21
1,2-Dichloroethane	20.0	20.8		ug/L		104	77 - 128	1	25
1,1-Dichloroethene	20.0	20.0		ug/L		100	74 - 120	2	22
cis-1,2-Dichloroethene	20.0	19.9		ug/L		100	78 - 120	1	18
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	76 - 120	1	20
1,2-Dichloropropane	20.0	19.9		ug/L		99	75 - 125	2	27

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

Lab Sample ID: LCSD 320-536344/4
Matrix: Water
Analysis Batch: 536344

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
cis-1,3-Dichloropropene	20.0	20.7		ug/L		103	80 - 131	2	24
trans-1,3-Dichloropropene	20.0	21.2		ug/L		106	75 - 133	2	29
Methylene Chloride	20.0	20.4		ug/L		102	77 - 120	1	20
1,1,2,2-Tetrachloroethane	20.0	21.2		ug/L		106	74 - 137	3	27
Tetrachloroethene	20.0	20.4		ug/L		102	74 - 120	0	18
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		101	61 - 130	0	40
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	79 - 121	1	25
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	79 - 127	6	30
Trichloroethene	20.0	19.7		ug/L		98	74 - 120	2	20
Trichlorofluoromethane	20.0	21.0		ug/L		105	60 - 135	1	41
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6		ug/L		103	64 - 125	2	40
Vinyl chloride	20.0	17.5		ug/L		87	68 - 121	1	33

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*74 - 120*
Dibromofluoromethane (Surr)	*110*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 123*
Toluene-d8 (Surr)	*103*		*78 - 120*

Lab Sample ID: MB 320-536349/8
Matrix: Water
Analysis Batch: 536349

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 12:26	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 12:26	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 12:26	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 12:26	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 12:26	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 12:26	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 12:26	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 12:26	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 12:26	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/22/21 12:26	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 12:26	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 12:26	1
EDB	ND		0.50	0.12	ug/L			10/22/21 12:26	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 12:26	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/22/21 12:26	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 12:26	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/22/21 12:26	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/22/21 12:26	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/22/21 12:26	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 12:26	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 12:26	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 12:26	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 12:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 12:26	1

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

Lab Sample ID: MB 320-536349/8
Matrix: Water
Analysis Batch: 536349

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.10	ug/L			10/22/21 12:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 12:26	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 12:26	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 12:26	1
Trichloroethene	ND		0.50	0.10	ug/L			10/22/21 12:26	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 12:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 12:26	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/22/21 12:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*74 - 120*		*10/22/21 12:26*	*1*
Dibromofluoromethane (Surr)	*86*		*80 - 123*		*10/22/21 12:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 123*		*10/22/21 12:26*	*1*
Toluene-d8 (Surr)	*86*		*78 - 120*		*10/22/21 12:26*	*1*

Lab Sample ID: LCS 320-536349/4
Matrix: Water
Analysis Batch: 536349

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20.0	18.4		ug/L		92	80 - 124
Bromoform	20.0	17.8		ug/L		89	80 - 120
Bromomethane	20.0	19.0		ug/L		95	65 - 132
Carbon tetrachloride	20.0	18.0		ug/L		90	78 - 124
Chlorobenzene	20.0	17.2		ug/L		86	78 - 120
Chloroethane	20.0	17.5		ug/L		88	65 - 123
Chloroform	20.0	17.6		ug/L		88	80 - 120
Chloromethane	20.0	17.2		ug/L		86	62 - 129
Chlorodibromomethane	20.0	18.9		ug/L		94	80 - 122
1,2-Dichlorobenzene	20.0	17.8		ug/L		89	77 - 120
1,3-Dichlorobenzene	20.0	17.4		ug/L		87	78 - 120
1,4-Dichlorobenzene	20.0	17.3		ug/L		87	74 - 120
EDB	20.0	17.4		ug/L		87	78 - 120
Dichlorodifluoromethane	20.0	19.2		ug/L		96	39 - 161
1,1-Dichloroethane	20.0	17.0		ug/L		85	79 - 120
1,2-Dichloroethane	20.0	17.9		ug/L		90	77 - 128
1,1-Dichloroethene	20.0	17.7		ug/L		88	74 - 120
cis-1,2-Dichloroethene	20.0	17.5		ug/L		88	78 - 120
trans-1,2-Dichloroethene	20.0	17.3		ug/L		86	76 - 120
1,2-Dichloropropane	20.0	18.2		ug/L		91	75 - 125
cis-1,3-Dichloropropene	20.0	18.7		ug/L		93	80 - 131
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	75 - 133
Methylene Chloride	20.0	17.4		ug/L		87	77 - 120
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	74 - 137
Tetrachloroethene	20.0	17.4		ug/L		87	74 - 120
1,2,4-Trichlorobenzene	20.0	18.4		ug/L		92	61 - 130
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	79 - 121
1,1,2-Trichloroethane	20.0	18.0		ug/L		90	79 - 127

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

Lab Sample ID: LCS 320-536349/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	20.0	17.2		ug/L		86	74 - 120
Trichlorofluoromethane	20.0	18.1		ug/L		91	60 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1		ug/L		90	64 - 125
Vinyl chloride	20.0	18.1		ug/L		91	68 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*74 - 120*
Dibromofluoromethane (Surr)	*91*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 123*
Toluene-d8 (Surr)	*88*		*78 - 120*

Lab Sample ID: LCSD 320-536349/5
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536349

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	20.0	17.9		ug/L		89	80 - 124	3	20
Bromoform	20.0	18.4		ug/L		92	80 - 120	3	16
Bromomethane	20.0	19.0		ug/L		95	65 - 132	0	40
Carbon tetrachloride	20.0	18.2		ug/L		91	78 - 124	1	25
Chlorobenzene	20.0	17.0		ug/L		85	78 - 120	1	15
Chloroethane	20.0	17.5		ug/L		88	65 - 123	0	40
Chloroform	20.0	17.6		ug/L		88	80 - 120	0	22
Chloromethane	20.0	17.7		ug/L		88	62 - 129	2	25
Chlorodibromomethane	20.0	18.6		ug/L		93	80 - 122	2	17
1,2-Dichlorobenzene	20.0	17.7		ug/L		88	77 - 120	1	19
1,3-Dichlorobenzene	20.0	17.0		ug/L		85	78 - 120	2	17
1,4-Dichlorobenzene	20.0	17.0		ug/L		85	74 - 120	2	15
EDB	20.0	17.6		ug/L		88	78 - 120	1	15
Dichlorodifluoromethane	20.0	19.1		ug/L		95	39 - 161	0	51
1,1-Dichloroethane	20.0	17.2		ug/L		86	79 - 120	1	21
1,2-Dichloroethane	20.0	17.4		ug/L		87	77 - 128	3	25
1,1-Dichloroethene	20.0	18.0		ug/L		90	74 - 120	2	22
cis-1,2-Dichloroethene	20.0	17.7		ug/L		88	78 - 120	1	18
trans-1,2-Dichloroethene	20.0	17.6		ug/L		88	76 - 120	2	20
1,2-Dichloropropane	20.0	17.7		ug/L		88	75 - 125	3	27
cis-1,3-Dichloropropene	20.0	18.5		ug/L		92	80 - 131	1	24
trans-1,3-Dichloropropene	20.0	18.9		ug/L		95	75 - 133	3	29
Methylene Chloride	20.0	17.4		ug/L		87	77 - 120	0	20
1,1,2,2-Tetrachloroethane	20.0	17.8		ug/L		89	74 - 137	5	27
Tetrachloroethene	20.0	17.2		ug/L		86	74 - 120	1	18
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		90	61 - 130	2	40
1,1,1-Trichloroethane	20.0	18.1		ug/L		90	79 - 121	1	25
1,1,2-Trichloroethane	20.0	17.9		ug/L		90	79 - 127	1	30
Trichloroethene	20.0	16.8		ug/L		84	74 - 120	2	20
Trichlorofluoromethane	20.0	17.9		ug/L		90	60 - 135	1	41
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1		ug/L		91	64 - 125	0	40

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

Lab Sample ID: LCSD 320-536349/5
Matrix: Water
Analysis Batch: 536349

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
Vinyl chloride	20.0	18.4		ug/L		92	68 - 121	1	33

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*74 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 123*
Toluene-d8 (Surr)	*88*		*78 - 120*

Lab Sample ID: MB 320-536356/11
Matrix: Water
Analysis Batch: 536356

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/22/21 13:30	1
Bromoform	ND		1.0	0.19	ug/L			10/22/21 13:30	1
Bromomethane	ND		1.0	0.21	ug/L			10/22/21 13:30	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/22/21 13:30	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/22/21 13:30	1
Chloroethane	ND		1.0	0.24	ug/L			10/22/21 13:30	1
Chloroform	ND		1.0	0.12	ug/L			10/22/21 13:30	1
Chloromethane	ND		1.0	0.26	ug/L			10/22/21 13:30	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/22/21 13:30	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/22/21 13:30	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/22/21 13:30	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/22/21 13:30	1
EDB	ND		0.50	0.12	ug/L			10/22/21 13:30	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/22/21 13:30	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/22/21 13:30	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/22/21 13:30	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/22/21 13:30	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/22/21 13:30	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/22/21 13:30	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/22/21 13:30	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/22/21 13:30	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/22/21 13:30	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/22/21 13:30	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/22/21 13:30	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/22/21 13:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/22/21 13:30	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/22/21 13:30	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/22/21 13:30	1
Trichloroethene	ND		0.50	0.10	ug/L			10/22/21 13:30	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/22/21 13:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/22/21 13:30	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/22/21 13:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*74 - 120*		*10/22/21 13:30*	*1*

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

Lab Sample ID: MB 320-536356/11
Matrix: Water
Analysis Batch: 536356

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

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 123*		*10/22/21 13:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*72 - 123*		*10/22/21 13:30*	*1*
Toluene-d8 (Surr)	*96*		*78 - 120*		*10/22/21 13:30*	*1*

Lab Sample ID: LCS 320-536356/6
Matrix: Water
Analysis Batch: 536356

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20.0	19.6		ug/L		98	80 - 124
Bromoform	20.0	22.3		ug/L		111	80 - 120
Bromomethane	20.0	22.8		ug/L		114	65 - 132
Carbon tetrachloride	20.0	22.8		ug/L		114	78 - 124
Chlorobenzene	20.0	19.1		ug/L		96	78 - 120
Chloroethane	20.0	22.2		ug/L		111	65 - 123
Chloroform	20.0	19.9		ug/L		100	80 - 120
Chloromethane	20.0	20.0		ug/L		100	62 - 129
Chlorodibromomethane	20.0	21.2		ug/L		106	80 - 122
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	77 - 120
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	78 - 120
1,4-Dichlorobenzene	20.0	19.3		ug/L		97	74 - 120
EDB	20.0	19.4		ug/L		97	78 - 120
Dichlorodifluoromethane	20.0	18.7		ug/L		93	39 - 161
1,1-Dichloroethane	20.0	20.5		ug/L		103	79 - 120
1,2-Dichloroethane	20.0	19.0		ug/L		95	77 - 128
1,1-Dichloroethene	20.0	20.8		ug/L		104	74 - 120
cis-1,2-Dichloroethene	20.0	20.3		ug/L		102	78 - 120
trans-1,2-Dichloroethene	20.0	21.0		ug/L		105	76 - 120
1,2-Dichloropropane	20.0	19.5		ug/L		97	75 - 125
cis-1,3-Dichloropropene	20.0	19.4		ug/L		97	80 - 131
trans-1,3-Dichloropropene	20.0	19.5		ug/L		98	75 - 133
Methylene Chloride	20.0	19.7		ug/L		99	77 - 120
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	74 - 137
Tetrachloroethene	20.0	20.1		ug/L		101	74 - 120
1,2,4-Trichlorobenzene	20.0	16.5		ug/L		83	61 - 130
1,1,1-Trichloroethane	20.0	20.7		ug/L		104	79 - 121
1,1,2-Trichloroethane	20.0	18.0		ug/L		90	79 - 127
Trichloroethene	20.0	20.3		ug/L		101	74 - 120
Trichlorofluoromethane	20.0	20.3		ug/L		101	60 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2		ug/L		106	64 - 125
Vinyl chloride	20.0	19.8		ug/L		99	68 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*74 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 123*
Toluene-d8 (Surr)	*99*		*78 - 120*

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

Lab Sample ID: LCSD 320-536356/7
Matrix: Water
Analysis Batch: 536356

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
Dichlorobromomethane	20.0	18.5		ug/L		92	80 - 124	6	20
Bromoform	20.0	21.7		ug/L		108	80 - 120	3	16
Bromomethane	20.0	22.9		ug/L		114	65 - 132	0	40
Carbon tetrachloride	20.0	21.1		ug/L		105	78 - 124	8	25
Chlorobenzene	20.0	19.3		ug/L		97	78 - 120	1	15
Chloroethane	20.0	23.1		ug/L		116	65 - 123	4	40
Chloroform	20.0	19.1		ug/L		95	80 - 120	4	22
Chloromethane	20.0	21.8		ug/L		109	62 - 129	9	25
Chlorodibromomethane	20.0	20.5		ug/L		103	80 - 122	3	17
1,2-Dichlorobenzene	20.0	18.4		ug/L		92	77 - 120	1	19
1,3-Dichlorobenzene	20.0	19.1		ug/L		95	78 - 120	2	17
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	74 - 120	1	15
EDB	20.0	19.1		ug/L		95	78 - 120	2	15
Dichlorodifluoromethane	20.0	18.5		ug/L		92	39 - 161	1	51
1,1-Dichloroethane	20.0	19.7		ug/L		99	79 - 120	4	21
1,2-Dichloroethane	20.0	17.5		ug/L		87	77 - 128	9	25
1,1-Dichloroethene	20.0	20.5		ug/L		103	74 - 120	1	22
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	78 - 120	2	18
trans-1,2-Dichloroethene	20.0	20.3		ug/L		101	76 - 120	4	20
1,2-Dichloropropane	20.0	19.4		ug/L		97	75 - 125	0	27
cis-1,3-Dichloropropene	20.0	19.0		ug/L		95	80 - 131	2	24
trans-1,3-Dichloropropene	20.0	19.1		ug/L		95	75 - 133	2	29
Methylene Chloride	20.0	19.6		ug/L		98	77 - 120	1	20
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	74 - 137	1	27
Tetrachloroethene	20.0	19.6		ug/L		98	74 - 120	3	18
1,2,4-Trichlorobenzene	20.0	17.3		ug/L		86	61 - 130	4	40
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	79 - 121	6	25
1,1,2-Trichloroethane	20.0	18.0		ug/L		90	79 - 127	0	30
Trichloroethene	20.0	19.7		ug/L		99	74 - 120	3	20
Trichlorofluoromethane	20.0	19.2		ug/L		96	60 - 135	5	41
1,1,2-Trichloro-1,2,2-trifluoroetha ne	20.0	21.3		ug/L		106	64 - 125	1	40
Vinyl chloride	20.0	21.2		ug/L		106	68 - 121	7	33

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*74 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 123*
Toluene-d8 (Surr)	*100*		*78 - 120*

Lab Sample ID: MB 320-536611/8
Matrix: Water
Analysis Batch: 536611

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/23/21 11:52	1
Bromoform	ND		1.0	0.19	ug/L			10/23/21 11:52	1
Bromomethane	ND		1.0	0.21	ug/L			10/23/21 11:52	1

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

Lab Sample ID: MB 320-536611/8
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536611

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/23/21 11:52	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/23/21 11:52	1
Chloroethane	ND		1.0	0.24	ug/L			10/23/21 11:52	1
Chloroform	ND		1.0	0.12	ug/L			10/23/21 11:52	1
Chloromethane	ND		1.0	0.26	ug/L			10/23/21 11:52	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/23/21 11:52	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/23/21 11:52	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/23/21 11:52	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/23/21 11:52	1
EDB	ND		0.50	0.12	ug/L			10/23/21 11:52	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/23/21 11:52	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/23/21 11:52	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/23/21 11:52	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/23/21 11:52	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/23/21 11:52	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/23/21 11:52	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/23/21 11:52	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/23/21 11:52	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/23/21 11:52	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/23/21 11:52	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/23/21 11:52	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/23/21 11:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/23/21 11:52	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/23/21 11:52	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/23/21 11:52	1
Trichloroethene	ND		0.50	0.10	ug/L			10/23/21 11:52	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/23/21 11:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/23/21 11:52	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/23/21 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*74 - 120*		*10/23/21 11:52*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 123*		*10/23/21 11:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 123*		*10/23/21 11:52*	*1*
Toluene-d8 (Surr)	*87*		*78 - 120*		*10/23/21 11:52*	*1*

Lab Sample ID: LCS 320-536611/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536611

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20.0	18.3		ug/L		92	80 - 124
Bromoform	20.0	17.8		ug/L		89	80 - 120
Bromomethane	20.0	18.6		ug/L		93	65 - 132
Carbon tetrachloride	20.0	18.3		ug/L		92	78 - 124
Chlorobenzene	20.0	17.3		ug/L		87	78 - 120
Chloroethane	20.0	17.7		ug/L		88	65 - 123
Chloroform	20.0	17.6		ug/L		88	80 - 120

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

Lab Sample ID: LCS 320-536611/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536611

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	17.7		ug/L		88	62 - 129
Chlorodibromomethane	20.0	19.0		ug/L		95	80 - 122
1,2-Dichlorobenzene	20.0	17.3		ug/L		87	77 - 120
1,3-Dichlorobenzene	20.0	17.2		ug/L		86	78 - 120
1,4-Dichlorobenzene	20.0	17.3		ug/L		87	74 - 120
EDB	20.0	17.4		ug/L		87	78 - 120
Dichlorodifluoromethane	20.0	19.2		ug/L		96	39 - 161
1,1-Dichloroethane	20.0	17.1		ug/L		86	79 - 120
1,2-Dichloroethane	20.0	17.7		ug/L		88	77 - 128
1,1-Dichloroethene	20.0	17.7		ug/L		89	74 - 120
cis-1,2-Dichloroethene	20.0	17.5		ug/L		88	78 - 120
trans-1,2-Dichloroethene	20.0	17.3		ug/L		87	76 - 120
1,2-Dichloropropane	20.0	18.5		ug/L		92	75 - 125
cis-1,3-Dichloropropene	20.0	19.1		ug/L		95	80 - 131
trans-1,3-Dichloropropene	20.0	19.7		ug/L		99	75 - 133
Methylene Chloride	20.0	17.4		ug/L		87	77 - 120
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	74 - 137
Tetrachloroethene	20.0	17.8		ug/L		89	74 - 120
1,2,4-Trichlorobenzene	20.0	18.0		ug/L		90	61 - 130
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	79 - 121
1,1,2-Trichloroethane	20.0	17.9		ug/L		90	79 - 127
Trichloroethene	20.0	17.6		ug/L		88	74 - 120
Trichlorofluoromethane	20.0	18.5		ug/L		92	60 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3		ug/L		91	64 - 125
Vinyl chloride	20.0	18.7		ug/L		93	68 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*74 - 120*
Dibromofluoromethane (Surr)	*89*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 123*
Toluene-d8 (Surr)	*89*		*78 - 120*

Lab Sample ID: LCSD 320-536611/5
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536611

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	20.0	18.3		ug/L		91	80 - 124	0	20
Bromoform	20.0	18.4		ug/L		92	80 - 120	4	16
Bromomethane	20.0	20.1		ug/L		101	65 - 132	8	40
Carbon tetrachloride	20.0	18.2		ug/L		91	78 - 124	1	25
Chlorobenzene	20.0	17.2		ug/L		86	78 - 120	1	15
Chloroethane	20.0	18.0		ug/L		90	65 - 123	2	40
Chloroform	20.0	17.5		ug/L		87	80 - 120	1	22
Chloromethane	20.0	17.1		ug/L		85	62 - 129	3	25
Chlorodibromomethane	20.0	19.0		ug/L		95	80 - 122	0	17
1,2-Dichlorobenzene	20.0	17.4		ug/L		87	77 - 120	0	19
1,3-Dichlorobenzene	20.0	17.2		ug/L		86	78 - 120	0	17

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

Lab Sample ID: LCSD 320-536611/5
Matrix: Water
Analysis Batch: 536611

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
1,4-Dichlorobenzene	20.0	17.0		ug/L		85	74 - 120	1	15
EDB	20.0	17.4		ug/L		87	78 - 120	0	15
Dichlorodifluoromethane	20.0	19.1		ug/L		95	39 - 161	1	51
1,1-Dichloroethane	20.0	17.1		ug/L		85	79 - 120	0	21
1,2-Dichloroethane	20.0	17.6		ug/L		88	77 - 128	1	25
1,1-Dichloroethene	20.0	17.8		ug/L		89	74 - 120	1	22
cis-1,2-Dichloroethene	20.0	17.3		ug/L		86	78 - 120	1	18
trans-1,2-Dichloroethene	20.0	17.2		ug/L		86	76 - 120	1	20
1,2-Dichloropropane	20.0	18.3		ug/L		91	75 - 125	1	27
cis-1,3-Dichloropropene	20.0	18.7		ug/L		94	80 - 131	2	24
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	75 - 133	2	29
Methylene Chloride	20.0	17.3		ug/L		86	77 - 120	1	20
1,1,2,2-Tetrachloroethane	20.0	18.4		ug/L		92	74 - 137	1	27
Tetrachloroethene	20.0	17.3		ug/L		87	74 - 120	2	18
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		91	61 - 130	0	40
1,1,1-Trichloroethane	20.0	17.8		ug/L		89	79 - 121	2	25
1,1,2-Trichloroethane	20.0	17.7		ug/L		89	79 - 127	1	30
Trichloroethene	20.0	17.1		ug/L		86	74 - 120	3	20
Trichlorofluoromethane	20.0	18.7		ug/L		93	60 - 135	1	41
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3		ug/L		92	64 - 125	0	40
Vinyl chloride	20.0	18.4		ug/L		92	68 - 121	1	33

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*74 - 120*
Dibromofluoromethane (Surr)	*91*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 123*
Toluene-d8 (Surr)	*88*		*78 - 120*

Lab Sample ID: MB 320-536913/7
Matrix: Water
Analysis Batch: 536913

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/25/21 12:16	1
Bromoform	ND		1.0	0.19	ug/L			10/25/21 12:16	1
Bromomethane	ND		1.0	0.21	ug/L			10/25/21 12:16	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/25/21 12:16	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/25/21 12:16	1
Chloroethane	ND		1.0	0.24	ug/L			10/25/21 12:16	1
Chloroform	ND		1.0	0.12	ug/L			10/25/21 12:16	1
Chloromethane	ND		1.0	0.26	ug/L			10/25/21 12:16	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/25/21 12:16	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/25/21 12:16	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/25/21 12:16	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/25/21 12:16	1
EDB	ND		0.50	0.12	ug/L			10/25/21 12:16	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/25/21 12:16	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/25/21 12:16	1

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

Lab Sample ID: MB 320-536913/7
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/25/21 12:16	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/25/21 12:16	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/25/21 12:16	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/25/21 12:16	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/25/21 12:16	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/25/21 12:16	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/25/21 12:16	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/25/21 12:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/25/21 12:16	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/25/21 12:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/25/21 12:16	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/25/21 12:16	1
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/25/21 12:16	1
Trichloroethene	ND		0.50	0.10	ug/L			10/25/21 12:16	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/25/21 12:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/25/21 12:16	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/25/21 12:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*74 - 120*		*10/25/21 12:16*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 123*		*10/25/21 12:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*72 - 123*		*10/25/21 12:16*	*1*
Toluene-d8 (Surr)	*100*		*78 - 120*		*10/25/21 12:16*	*1*

Lab Sample ID: LCS 320-536913/3
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 536913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20.0	21.1		ug/L		106	80 - 124
Bromoform	20.0	19.1		ug/L		96	80 - 120
Bromomethane	20.0	18.8		ug/L		94	65 - 132
Carbon tetrachloride	20.0	21.3		ug/L		106	78 - 124
Chlorobenzene	20.0	19.9		ug/L		99	78 - 120
Chloroethane	20.0	19.0		ug/L		95	65 - 123
Chloroform	20.0	20.7		ug/L		104	80 - 120
Chloromethane	20.0	17.4		ug/L		87	62 - 129
Chlorodibromomethane	20.0	21.1		ug/L		106	80 - 122
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	77 - 120
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	78 - 120
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	74 - 120
EDB	20.0	21.1		ug/L		106	78 - 120
Dichlorodifluoromethane	20.0	15.6		ug/L		78	39 - 161
1,1-Dichloroethane	20.0	19.6		ug/L		98	79 - 120
1,2-Dichloroethane	20.0	20.9		ug/L		105	77 - 128
1,1-Dichloroethene	20.0	20.2		ug/L		101	74 - 120
cis-1,2-Dichloroethene	20.0	19.7		ug/L		99	78 - 120
trans-1,2-Dichloroethene	20.0	19.3		ug/L		97	76 - 120

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

Lab Sample ID: LCS 320-536913/3
Matrix: Water
Analysis Batch: 536913

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	21.1		ug/L		105	75 - 125
cis-1,3-Dichloropropene	20.0	21.0		ug/L		105	80 - 131
trans-1,3-Dichloropropene	20.0	20.9		ug/L		105	75 - 133
Methylene Chloride	20.0	20.6		ug/L		103	77 - 120
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		101	74 - 137
Tetrachloroethene	20.0	21.2		ug/L		106	74 - 120
1,2,4-Trichlorobenzene	20.0	20.0		ug/L		100	61 - 130
1,1,1-Trichloroethane	20.0	21.1		ug/L		106	79 - 121
1,1,2-Trichloroethane	20.0	20.9		ug/L		105	79 - 127
Trichloroethene	20.0	20.4		ug/L		102	74 - 120
Trichlorofluoromethane	20.0	21.0		ug/L		105	60 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		100	64 - 125
Vinyl chloride	20.0	18.3		ug/L		91	68 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*74 - 120*
Dibromofluoromethane (Surr)	*111*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 123*
Toluene-d8 (Surr)	*105*		*78 - 120*

Lab Sample ID: LCSD 320-536913/4
Matrix: Water
Analysis Batch: 536913

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
Dichlorobromomethane	20.0	22.5		ug/L		112	80 - 124	6	20
Bromoform	20.0	20.5		ug/L		102	80 - 120	7	16
Bromomethane	20.0	18.7		ug/L		93	65 - 132	1	40
Carbon tetrachloride	20.0	21.1		ug/L		105	78 - 124	1	25
Chlorobenzene	20.0	20.5		ug/L		103	78 - 120	3	15
Chloroethane	20.0	17.5		ug/L		88	65 - 123	8	40
Chloroform	20.0	21.3		ug/L		106	80 - 120	3	22
Chloromethane	20.0	17.0		ug/L		85	62 - 129	2	25
Chlorodibromomethane	20.0	21.7		ug/L		109	80 - 122	3	17
1,2-Dichlorobenzene	20.0	21.3		ug/L		106	77 - 120	6	19
1,3-Dichlorobenzene	20.0	20.5		ug/L		102	78 - 120	6	17
1,4-Dichlorobenzene	20.0	20.9		ug/L		105	74 - 120	7	15
EDB	20.0	21.6		ug/L		108	78 - 120	2	15
Dichlorodifluoromethane	20.0	15.4		ug/L		77	39 - 161	1	51
1,1-Dichloroethane	20.0	19.9		ug/L		99	79 - 120	2	21
1,2-Dichloroethane	20.0	21.4		ug/L		107	77 - 128	2	25
1,1-Dichloroethene	20.0	20.1		ug/L		101	74 - 120	0	22
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	78 - 120	4	18
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	76 - 120	2	20
1,2-Dichloropropane	20.0	21.4		ug/L		107	75 - 125	1	27
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	80 - 131	5	24
trans-1,3-Dichloropropene	20.0	22.4		ug/L		112	75 - 133	7	29
Methylene Chloride	20.0	21.4		ug/L		107	77 - 120	4	20

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

Lab Sample ID: LCSD 320-536913/4
Matrix: Water
Analysis Batch: 536913

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
1,1,2,2-Tetrachloroethane	20.0	21.2		ug/L		106	74 - 137	4	27
Tetrachloroethene	20.0	21.1		ug/L		105	74 - 120	1	18
1,2,4-Trichlorobenzene	20.0	21.0		ug/L		105	61 - 130	5	40
1,1,1-Trichloroethane	20.0	21.4		ug/L		107	79 - 121	1	25
1,1,2-Trichloroethane	20.0	21.4		ug/L		107	79 - 127	2	30
Trichloroethene	20.0	20.8		ug/L		104	74 - 120	2	20
Trichlorofluoromethane	20.0	20.1		ug/L		100	60 - 135	4	41
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0		ug/L		100	64 - 125	0	40
Vinyl chloride	20.0	17.8		ug/L		89	68 - 121	2	33

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*74 - 120*
Dibromofluoromethane (Surr)	*109*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 123*
Toluene-d8 (Surr)	*105*		*78 - 120*

Lab Sample ID: MB 320-537169/10
Matrix: Water
Analysis Batch: 537169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.50	0.14	ug/L			10/26/21 12:59	1
Bromoform	ND		1.0	0.19	ug/L			10/26/21 12:59	1
Bromomethane	ND		1.0	0.21	ug/L			10/26/21 12:59	1
Carbon tetrachloride	ND		0.50	0.12	ug/L			10/26/21 12:59	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/26/21 12:59	1
Chloroethane	ND		1.0	0.24	ug/L			10/26/21 12:59	1
Chloroform	ND		1.0	0.12	ug/L			10/26/21 12:59	1
Chloromethane	ND		1.0	0.26	ug/L			10/26/21 12:59	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			10/26/21 12:59	1
1,2-Dichlorobenzene	ND		0.50	0.097	ug/L			10/26/21 12:59	1
1,3-Dichlorobenzene	ND		0.50	0.086	ug/L			10/26/21 12:59	1
1,4-Dichlorobenzene	ND		0.50	0.083	ug/L			10/26/21 12:59	1
EDB	ND		0.50	0.12	ug/L			10/26/21 12:59	1
Dichlorodifluoromethane	ND		1.0	0.32	ug/L			10/26/21 12:59	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/26/21 12:59	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			10/26/21 12:59	1
1,1-Dichloroethene	ND		0.50	0.13	ug/L			10/26/21 12:59	1
cis-1,2-Dichloroethene	ND		0.50	0.18	ug/L			10/26/21 12:59	1
trans-1,2-Dichloroethene	ND		0.50	0.11	ug/L			10/26/21 12:59	1
1,2-Dichloropropane	ND		0.50	0.15	ug/L			10/26/21 12:59	1
cis-1,3-Dichloropropene	ND		0.50	0.15	ug/L			10/26/21 12:59	1
trans-1,3-Dichloropropene	ND		0.50	0.16	ug/L			10/26/21 12:59	1
Methylene Chloride	ND		1.0	0.16	ug/L			10/26/21 12:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.11	ug/L			10/26/21 12:59	1
Tetrachloroethene	ND		0.50	0.10	ug/L			10/26/21 12:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			10/26/21 12:59	1
1,1,1-Trichloroethane	ND		0.50	0.10	ug/L			10/26/21 12:59	1

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

Lab Sample ID: MB 320-537169/10
Matrix: Water
Analysis Batch: 537169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.50	0.12	ug/L			10/26/21 12:59	1
Trichloroethene	ND		0.50	0.10	ug/L			10/26/21 12:59	1
Trichlorofluoromethane	ND		1.0	0.13	ug/L			10/26/21 12:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			10/26/21 12:59	1
Vinyl chloride	ND		0.50	0.18	ug/L			10/26/21 12:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*74 - 120*		*10/26/21 12:59*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 123*		*10/26/21 12:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 123*		*10/26/21 12:59*	*1*
Toluene-d8 (Surr)	*94*		*78 - 120*		*10/26/21 12:59*	*1*

Lab Sample ID: LCS 320-537169/3
Matrix: Water
Analysis Batch: 537169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20.0	20.4		ug/L		102	80 - 124
Bromoform	20.0	23.6		ug/L		118	80 - 120
Bromomethane	20.0	23.1		ug/L		116	65 - 132
Carbon tetrachloride	20.0	23.5		ug/L		117	78 - 124
Chlorobenzene	20.0	20.8		ug/L		104	78 - 120
Chloroethane	20.0	24.7		ug/L		123	65 - 123
Chloroform	20.0	20.5		ug/L		102	80 - 120
Chloromethane	20.0	22.4		ug/L		112	62 - 129
Chlorodibromomethane	20.0	22.7		ug/L		113	80 - 122
1,2-Dichlorobenzene	20.0	20.1		ug/L		100	77 - 120
1,3-Dichlorobenzene	20.0	21.5		ug/L		108	78 - 120
1,4-Dichlorobenzene	20.0	21.1		ug/L		106	74 - 120
EDB	20.0	20.6		ug/L		103	78 - 120
Dichlorodifluoromethane	20.0	18.8		ug/L		94	39 - 161
1,1-Dichloroethane	20.0	21.4		ug/L		107	79 - 120
1,2-Dichloroethane	20.0	17.9		ug/L		90	77 - 128
1,1-Dichloroethene	20.0	22.3		ug/L		111	74 - 120
cis-1,2-Dichloroethene	20.0	21.9		ug/L		109	78 - 120
trans-1,2-Dichloroethene	20.0	22.4		ug/L		112	76 - 120
1,2-Dichloropropane	20.0	21.5		ug/L		107	75 - 125
cis-1,3-Dichloropropene	20.0	20.9		ug/L		105	80 - 131
trans-1,3-Dichloropropene	20.0	20.6		ug/L		103	75 - 133
Methylene Chloride	20.0	21.3		ug/L		106	77 - 120
1,1,2,2-Tetrachloroethane	20.0	20.6		ug/L		103	74 - 137
Tetrachloroethene	20.0	21.8		ug/L		109	74 - 120
1,2,4-Trichlorobenzene	20.0	18.2		ug/L		91	61 - 130
1,1,1-Trichloroethane	20.0	21.4		ug/L		107	79 - 121
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	79 - 127
Trichloroethene	20.0	21.3		ug/L		106	74 - 120
Trichlorofluoromethane	20.0	20.4		ug/L		102	60 - 135
1,1,2-Trichloro-1,2,2-trifluoroetha ne	20.0	23.5		ug/L		117	64 - 125

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

Lab Sample ID: LCS 320-537169/3
Matrix: Water
Analysis Batch: 537169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	20.0	22.5		ug/L		113	68 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*74 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*78*		*72 - 123*
Toluene-d8 (Surr)	*96*		*78 - 120*

Lab Sample ID: LCSD 320-537169/4
Matrix: Water
Analysis Batch: 537169

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
Dichlorobromomethane	20.0	19.9		ug/L		99	80 - 124	3	20
Bromoform	20.0	23.9		ug/L		119	80 - 120	1	16
Bromomethane	20.0	23.7		ug/L		118	65 - 132	2	40
Carbon tetrachloride	20.0	22.9		ug/L		115	78 - 124	2	25
Chlorobenzene	20.0	20.9		ug/L		104	78 - 120	1	15
Chloroethane	20.0	23.5		ug/L		117	65 - 123	5	40
Chloroform	20.0	19.7		ug/L		99	80 - 120	4	22
Chloromethane	20.0	22.3		ug/L		112	62 - 129	0	25
Chlorodibromomethane	20.0	22.6		ug/L		113	80 - 122	0	17
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	77 - 120	0	19
1,3-Dichlorobenzene	20.0	21.8		ug/L		109	78 - 120	1	17
1,4-Dichlorobenzene	20.0	21.3		ug/L		106	74 - 120	1	15
EDB	20.0	20.9		ug/L		104	78 - 120	1	15
Dichlorodifluoromethane	20.0	18.6		ug/L		93	39 - 161	1	51
1,1-Dichloroethane	20.0	20.9		ug/L		105	79 - 120	2	21
1,2-Dichloroethane	20.0	17.3		ug/L		87	77 - 128	4	25
1,1-Dichloroethene	20.0	22.4		ug/L		112	74 - 120	1	22
cis-1,2-Dichloroethene	20.0	21.5		ug/L		108	78 - 120	2	18
trans-1,2-Dichloroethene	20.0	21.8		ug/L		109	76 - 120	3	20
1,2-Dichloropropane	20.0	21.2		ug/L		106	75 - 125	1	27
cis-1,3-Dichloropropene	20.0	20.9		ug/L		105	80 - 131	0	24
trans-1,3-Dichloropropene	20.0	20.6		ug/L		103	75 - 133	0	29
Methylene Chloride	20.0	20.7		ug/L		104	77 - 120	2	20
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	74 - 137	0	27
Tetrachloroethene	20.0	22.1		ug/L		110	74 - 120	1	18
1,2,4-Trichlorobenzene	20.0	18.5		ug/L		93	61 - 130	2	40
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	79 - 121	3	25
1,1,2-Trichloroethane	20.0	19.1		ug/L		95	79 - 127	0	30
Trichloroethene	20.0	21.1		ug/L		106	74 - 120	1	20
Trichlorofluoromethane	20.0	20.2		ug/L		101	60 - 135	1	41
1,1,2-Trichloro-1,2,2-trifluoroetha ne	20.0	22.9		ug/L		115	64 - 125	2	40
Vinyl chloride	20.0	22.2		ug/L		111	68 - 121	1	33

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

Lab Sample ID: LCSD 320-537169/4
Matrix: Water
Analysis Batch: 537169

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*74 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 123*
1,2-Dichloroethane-d4 (Surr)	*76*		*72 - 123*
Toluene-d8 (Surr)	*99*		*78 - 120*

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 240-509082/3
Matrix: Water
Analysis Batch: 509082

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.17	ug/L			10/20/21 14:30	1
Ethane	ND		1.0	0.29	ug/L			10/20/21 14:30	1
Ethylene	ND		1.0	0.27	ug/L			10/20/21 14:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,1-Trifluoroethane	*110*		*60 - 140*		*10/20/21 14:30*	*1*

Lab Sample ID: LCS 240-509082/4
Matrix: Water
Analysis Batch: 509082

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane	284	278		ug/L		98	80 - 120
Ethane	537	543		ug/L		101	80 - 120
Ethylene	506	500		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,1-Trifluoroethane	*106*		*60 - 140*

Method: 5310C-2011 - Total Organic Carbon/Persulfate - Ultrav

Lab Sample ID: MB 240-509637/4
Matrix: Water
Analysis Batch: 509637

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.35	mg/L			10/21/21 07:33	1

Lab Sample ID: LCS 240-509637/6
Matrix: Water
Analysis Batch: 509637

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	46.0	46.9		mg/L		102	85 - 115
TOC Result 1	46.0	47.0		mg/L		102	85 - 115
TOC Result 2	46.0	46.8		mg/L		102	85 - 115

Method: 5310C-2011 - Total Organic Carbon/Persulfate - Ultrav (Continued)

Lab Sample ID: LLCS 240-509637/5
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 509637

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	4.60	4.77		mg/L		104	88 - 115
TOC Result 1	4.60	4.77		mg/L		104	88 - 115
TOC Result 2	4.60	4.77		mg/L		104	88 - 115

Lab Sample ID: 320-80333-14 MS
Client Sample ID: J6038-T25BS-101221
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 509637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	0.95	J	25.0	23.4		mg/L		90	65 - 134
TOC Result 1	0.96	J	25.0	23.2		mg/L		89	65 - 134
TOC Result 2	0.94	J	25.0	23.6		mg/L		91	65 - 134

Lab Sample ID: 320-80333-14 MSD
Client Sample ID: J6038-T25BS-101221
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 509637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	0.95	J	25.0	23.4		mg/L		90	65 - 134	0	10
TOC Result 1	0.96	J	25.0	23.2		mg/L		89	65 - 134	0	10
TOC Result 2	0.94	J	25.0	23.6		mg/L		91	65 - 134	0	10

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 320-534959/7
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 534959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	5.0	mg/L			10/15/21 13:46	1

Lab Sample ID: LCS 320-534959/8
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 534959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity	1000	975		mg/L		98	90 - 110

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

GC/MS VOA

Analysis Batch: 536266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-1	TRIPBLANK-J6038-101121	Total/NA	Water	8260B	
320-80333-2	J6038-T9A-101121	Total/NA	Water	8260B	
320-80333-3	J6038-T19A-101121	Total/NA	Water	8260B	
320-80333-4	J6038-T14A-101121	Total/NA	Water	8260B	
320-80333-5	J6038-T13A-101121	Total/NA	Water	8260B	
320-80333-6	J6038-T23A-101121	Total/NA	Water	8260B	
320-80333-7	J6038-T25A-101121	Total/NA	Water	8260B	
MB 320-536266/8	Method Blank	Total/NA	Water	8260B	
LCS 320-536266/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-536266/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 536344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-13	J6038-38S-101221	Total/NA	Water	8260B	
320-80333-15	J6038-T25BD-101221	Total/NA	Water	8260B	
MB 320-536344/7	Method Blank	Total/NA	Water	8260B	
LCS 320-536344/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-536344/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 536349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-17	J6038-T23B-101221	Total/NA	Water	8260B	
320-80333-18	J6038-T10B-101221	Total/NA	Water	8260B	
320-80333-19	J6038-T16A-101221	Total/NA	Water	8260B	
320-80333-20	J6038-T10C-101221	Total/NA	Water	8260B	
320-80333-21	J6038-T8B-101221	Total/NA	Water	8260B	
320-80333-22	J6038-T8A-101221	Total/NA	Water	8260B	
320-80333-23	J6038-T11C-101221-1	Total/NA	Water	8260B	
320-80333-24	J6038-T11C-101221-2	Total/NA	Water	8260B	
320-80333-25	J6038-T7B-101221-1	Total/NA	Water	8260B	
320-80333-26	J6038-T7B-101221-2	Total/NA	Water	8260B	
320-80333-27	J6038-T7A-101221-1	Total/NA	Water	8260B	
320-80333-28	J6038-T7A-101221-2	Total/NA	Water	8260B	
320-80333-29	J6038-T22B-101221	Total/NA	Water	8260B	
MB 320-536349/8	Method Blank	Total/NA	Water	8260B	
LCS 320-536349/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-536349/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 536356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-2 - DL	J6038-T9A-101121	Total/NA	Water	8260B	
320-80333-8	TRIPBLANK-J6038-101221	Total/NA	Water	8260B	
320-80333-9	J6038-T15A-101221	Total/NA	Water	8260B	
320-80333-10	J6038-T17A-101221	Total/NA	Water	8260B	
320-80333-11	J6038-T17B-101221	Total/NA	Water	8260B	
320-80333-12	J6038-T4B-101221	Total/NA	Water	8260B	
MB 320-536356/11	Method Blank	Total/NA	Water	8260B	
LCS 320-536356/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-536356/7	Lab Control Sample Dup	Total/NA	Water	8260B	

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

GC/MS VOA

Analysis Batch: 536611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-16	J6038-T24B-101221	Total/NA	Water	8260B	
MB 320-536611/8	Method Blank	Total/NA	Water	8260B	
LCS 320-536611/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-536611/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 536913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-14	J6038-T25BS-101221	Total/NA	Water	8260B	
320-80333-21 - DL	J6038-T8B-101221	Total/NA	Water	8260B	
320-80333-29 - DL	J6038-T22B-101221	Total/NA	Water	8260B	
320-80333-30	TRIPBLANK-J6038-101321	Total/NA	Water	8260B	
320-80333-31	J6038-T5B-101321-1	Total/NA	Water	8260B	
320-80333-32	J6038-T5B-101321-2	Total/NA	Water	8260B	
320-80333-33	J6038-T21B-101321	Total/NA	Water	8260B	
320-80333-34	J6038-T18B-101321	Total/NA	Water	8260B	
320-80333-35	J6038-T20B-101321	Total/NA	Water	8260B	
320-80333-36	J6038-T12C-101321	Total/NA	Water	8260B	
320-80333-37	J6038-T9C-101321	Total/NA	Water	8260B	
320-80333-38	J6038-T19B-101321	Total/NA	Water	8260B	
MB 320-536913/7	Method Blank	Total/NA	Water	8260B	
LCS 320-536913/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-536913/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 537169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-31 - DL	J6038-T5B-101321-1	Total/NA	Water	8260B	
MB 320-537169/10	Method Blank	Total/NA	Water	8260B	
LCS 320-537169/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-537169/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 509082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-14	J6038-T25BS-101221	Total/NA	Water	RSK-175	
320-80333-18	J6038-T10B-101221	Total/NA	Water	RSK-175	
320-80333-21	J6038-T8B-101221	Total/NA	Water	RSK-175	
MB 240-509082/3	Method Blank	Total/NA	Water	RSK-175	
LCS 240-509082/4	Lab Control Sample	Total/NA	Water	RSK-175	

General Chemistry

Analysis Batch: 509637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-14	J6038-T25BS-101221	Total/NA	Water	5310C-2011	
320-80333-18	J6038-T10B-101221	Total/NA	Water	5310C-2011	
320-80333-21	J6038-T8B-101221	Total/NA	Water	5310C-2011	
MB 240-509637/4	Method Blank	Total/NA	Water	5310C-2011	
LCS 240-509637/6	Lab Control Sample	Total/NA	Water	5310C-2011	
LLCS 240-509637/5	Lab Control Sample	Total/NA	Water	5310C-2011	
320-80333-14 MS	J6038-T25BS-101221	Total/NA	Water	5310C-2011	
320-80333-14 MSD	J6038-T25BS-101221	Total/NA	Water	5310C-2011	

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

General Chemistry

Analysis Batch: 534959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80333-14	J6038-T25BS-101221	Total/NA	Water	SM 2320B	
320-80333-18	J6038-T10B-101221	Total/NA	Water	SM 2320B	
320-80333-21	J6038-T8B-101221	Total/NA	Water	SM 2320B	
MB 320-534959/7	Method Blank	Total/NA	Water	SM 2320B	
LCS 320-534959/8	Lab Control Sample	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

Client Sample ID: TRIPBLANK-J6038-101121 — Lab Sample ID: 320-80333-1

Date Collected: 10/11/21 08:00
Date Received: 10/14/21 11:52
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		1	50 mL	50 mL	536266	10/22/21 00:43	EMJ	TAL SAC

Client Sample ID: J6038-T9A-101121 — Lab Sample ID: 320-80333-2

Date Collected: 10/11/21 11:46
Date Received: 10/14/21 11:52
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		1	50 mL	50 mL	536266	10/22/21 01:52	EMJ	TAL SAC
Total/NA	Analysis	8260B	DL	2	50 mL	50 mL	536356	10/22/21 20:03	SS	TAL SAC

Client Sample ID: J6038-T19A-101121 — Lab Sample ID: 320-80333-3

Date Collected: 10/11/21 13:08
Date Received: 10/14/21 11:52
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		1	50 mL	50 mL	536266	10/22/21 02:16	EMJ	TAL SAC

Client Sample ID: J6038-T14A-101121 — Lab Sample ID: 320-80333-4

Date Collected: 10/11/21 13:36
Date Received: 10/14/21 11:52
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		1	50 mL	50 mL	536266	10/22/21 02:39	EMJ	TAL SAC

Client Sample ID: J6038-T13A-101121 — Lab Sample ID: 320-80333-5

Date Collected: 10/11/21 14:10
Date Received: 10/14/21 11:52
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		2	50 mL	50 mL	536266	10/22/21 05:21	EMJ	TAL SAC

Client Sample ID: J6038-T23A-101121 — Lab Sample ID: 320-80333-6

Date Collected: 10/11/21 14:40
Date Received: 10/14/21 11:52
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		1	50 mL	50 mL	536266	10/22/21 03:02	EMJ	TAL SAC

Client Sample ID: J6038-T25A-101121 — Lab Sample ID: 320-80333-7

Date Collected: 10/11/21 15:07
Date Received: 10/14/21 11:52
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		1	50 mL	50 mL	536266	10/22/21 03:25	EMJ	TAL SAC

Client Sample ID: TRIPBLANK-J6038-101221 — Lab Sample ID: 320-80333-8

Date Collected: 10/12/21 08:00 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536356	10/22/21 13:53	SS	TAL SAC

Client Sample ID: J6038-T15A-101221 — Lab Sample ID: 320-80333-9

Date Collected: 10/12/21 08:49 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536356	10/22/21 20:26	SS	TAL SAC

Client Sample ID: J6038-T17A-101221 — Lab Sample ID: 320-80333-10

Date Collected: 10/12/21 09:20 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536356	10/22/21 19:40	SS	TAL SAC

Client Sample ID: J6038-T17B-101221 — Lab Sample ID: 320-80333-11

Date Collected: 10/12/21 09:45 — **Matrix: Water**
Date Received: 10/14/21 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	50 mL	50 mL	536356	10/22/21 20:49	SS	TAL SAC

Client Sample ID: J6038-T4B-101221 — Lab Sample ID: 320-80333-12

Date Collected: 10/12/21 10:17 — **Matrix: Water**
Date Received: 10/14/21 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	50 mL	50 mL	536356	10/22/21 21:12	SS	TAL SAC

Client Sample ID: J6038-38S-101221 — Lab Sample ID: 320-80333-13

Date Collected: 10/12/21 10:50 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536344	10/22/21 17:06	AP1	TAL SAC

Client Sample ID: J6038-T25BS-101221 — Lab Sample ID: 320-80333-14

Date Collected: 10/12/21 11:17 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536913	10/25/21 18:05	AP1	TAL SAC
Total/NA	Analysis	RSK-175		1	23 mL	23 mL	509082	10/20/21 21:14	JBN	TAL CAN
Total/NA	Analysis	5310C-2011		1	40 mL	40 mL	509637	10/21/21 08:14	TPH	TAL CAN
Total/NA	Analysis	SM 2320B		1			534959	10/15/21 17:25	KDB	TAL SAC

Client Sample ID: J6038-T25BD-101221 — Lab Sample ID: 320-80333-15

Date Collected: 10/12/21 11:44 — **Matrix: Water**
Date Received: 10/14/21 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	50 mL	50 mL	536344	10/22/21 17:52	AP1	TAL SAC

Client Sample ID: J6038-T24B-101221 — Lab Sample ID: 320-80333-16

Date Collected: 10/12/21 11:30 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536611	10/23/21 18:20	SS	TAL SAC

Client Sample ID: J6038-T23B-101221 — Lab Sample ID: 320-80333-17

Date Collected: 10/12/21 11:01 — **Matrix: Water**
Date Received: 10/14/21 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	50 mL	50 mL	536349	10/22/21 18:06	SS	TAL SAC

Client Sample ID: J6038-T10B-101221 — Lab Sample ID: 320-80333-18

Date Collected: 10/12/21 09:35 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536349	10/22/21 15:50	SS	TAL SAC
Total/NA	Analysis	RSK-175		1	23 mL	23 mL	509082	10/20/21 21:31	JBN	TAL CAN
Total/NA	Analysis	5310C-2011		1	40 mL	40 mL	509637	10/21/21 09:14	TPH	TAL CAN
Total/NA	Analysis	SM 2320B		1			534959	10/15/21 17:35	KDB	TAL SAC

Client Sample ID: J6038-T16A-101221 — Lab Sample ID: 320-80333-19

Date Collected: 10/12/21 08:55 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536349	10/22/21 16:13	SS	TAL SAC

Client Sample ID: J6038-T10C-101221 — Lab Sample ID: 320-80333-20

Date Collected: 10/12/21 12:55 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536349	10/22/21 20:00	SS	TAL SAC

Client Sample ID: J6038-T8B-101221 — Lab Sample ID: 320-80333-21

Date Collected: 10/12/21 13:35 — **Matrix: Water**
Date Received: 10/14/21 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	50 mL	50 mL	536913	10/25/21 18:28	AP1	TAL SAC

Client Sample ID: J6038-T8B-101221 — Lab Sample ID: 320-80333-21

Date Collected: 10/12/21 13:35
Date Received: 10/14/21 11:52
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		1	50 mL	50 mL	536349	10/22/21 13:57	SS	TAL SAC
Total/NA	Analysis	RSK-175		1	23 mL	23 mL	509082	10/20/21 21:49	JBN	TAL CAN
Total/NA	Analysis	5310C-2011		1	40 mL	40 mL	509637	10/21/21 09:28	TPH	TAL CAN
Total/NA	Analysis	SM 2320B		1			534959	10/15/21 17:16	KDB	TAL SAC

Client Sample ID: J6038-T8A-101221 — Lab Sample ID: 320-80333-22

Date Collected: 10/12/21 14:10
Date Received: 10/14/21 11:52
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		1	50 mL	50 mL	536349	10/22/21 14:20	SS	TAL SAC

Client Sample ID: J6038-T11C-101221-1 — Lab Sample ID: 320-80333-23

Date Collected: 10/12/21 13:05
Date Received: 10/14/21 11:52
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		4	50 mL	50 mL	536349	10/22/21 18:29	SS	TAL SAC

Client Sample ID: J6038-T11C-101221-2 — Lab Sample ID: 320-80333-24

Date Collected: 10/12/21 13:10
Date Received: 10/14/21 11:52
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		4	50 mL	50 mL	536349	10/22/21 18:51	SS	TAL SAC

Client Sample ID: J6038-T7B-101221-1 — Lab Sample ID: 320-80333-25

Date Collected: 10/12/21 14:30
Date Received: 10/14/21 11:52
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		4	50 mL	50 mL	536349	10/22/21 19:14	SS	TAL SAC

Client Sample ID: J6038-T7B-101221-2 — Lab Sample ID: 320-80333-26

Date Collected: 10/12/21 14:35
Date Received: 10/14/21 11:52
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		4	50 mL	50 mL	536349	10/22/21 19:37	SS	TAL SAC

Client Sample ID: J6038-T7A-101221-1 — Lab Sample ID: 320-80333-27

Date Collected: 10/12/21 14:50
Date Received: 10/14/21 11:52
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		2	50 mL	50 mL	536349	10/22/21 16:35	SS	TAL SAC

Client Sample ID: J6038-T7A-101221-2 — Lab Sample ID: 320-80333-28

Date Collected: 10/12/21 14:55 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536349	10/22/21 16:58	SS	TAL SAC

Client Sample ID: J6038-T22B-101221 — Lab Sample ID: 320-80333-29

Date Collected: 10/12/21 10:28 — **Matrix: Water**
Date Received: 10/14/21 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	4	50 mL	50 mL	536913	10/25/21 17:18	AP1	TAL SAC
Total/NA	Analysis	8260B		1	50 mL	50 mL	536349	10/22/21 14:42	SS	TAL SAC

Client Sample ID: TRIPBLANK-J6038-101321 — Lab Sample ID: 320-80333-30

Date Collected: 10/13/21 07:30 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536913	10/25/21 12:39	AP1	TAL SAC

Client Sample ID: J6038-T5B-101321-1 — Lab Sample ID: 320-80333-31

Date Collected: 10/13/21 08:01 — **Matrix: Water**
Date Received: 10/14/21 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	50 mL	50 mL	536913	10/25/21 19:37	AP1	TAL SAC
Total/NA	Analysis	8260B	DL	40	50 mL	50 mL	537169	10/26/21 18:43	SS	TAL SAC

Client Sample ID: J6038-T5B-101321-2 — Lab Sample ID: 320-80333-32

Date Collected: 10/13/21 08:06 — **Matrix: Water**
Date Received: 10/14/21 11:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	50 mL	50 mL	536913	10/25/21 20:00	AP1	TAL SAC

Client Sample ID: J6038-T21B-101321 — Lab Sample ID: 320-80333-33

Date Collected: 10/13/21 08:41 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536913	10/25/21 18:51	AP1	TAL SAC

Client Sample ID: J6038-T18B-101321 — Lab Sample ID: 320-80333-34

Date Collected: 10/13/21 09:25 — **Matrix: Water**
Date Received: 10/14/21 11:52

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	50 mL	50 mL	536913	10/25/21 14:35	AP1	TAL SAC

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

Client Sample ID: J6038-T20B-101321

Lab Sample ID: 320-80333-35

Date Collected: 10/13/21 10:02
Date Received: 10/14/21 11:52

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		10	50 mL	50 mL	536913	10/25/21 19:14	AP1	TAL SAC

Client Sample ID: J6038-T12C-101321

Lab Sample ID: 320-80333-36

Date Collected: 10/13/21 11:06
Date Received: 10/14/21 11:52

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		1	50 mL	50 mL	536913	10/25/21 14:59	AP1	TAL SAC

Client Sample ID: J6038-T9C-101321

Lab Sample ID: 320-80333-37

Date Collected: 10/13/21 11:35
Date Received: 10/14/21 11:52

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		1	50 mL	50 mL	536913	10/25/21 15:22	AP1	TAL SAC

Client Sample ID: J6038-T19B-101321

Lab Sample ID: 320-80333-38

Date Collected: 10/13/21 12:30
Date Received: 10/14/21 11:52

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		1	50 mL	50 mL	536913	10/25/21 15:45	AP1	TAL SAC

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 320-80333-1
Project/Site: TRW Microwave

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-23-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
RSK-175		Water	Ethane
RSK-175		Water	Ethylene
RSK-175		Water	Methane

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAC
RSK-175	Dissolved Gases (GC)	RSK	TAL CAN
5310C-2011	Total Organic Carbon/Persulfate - Ultrav	SM	TAL CAN
SM 2320B	Alkalinity	SM	TAL SAC
5030B	Purge and Trap	SW846	TAL SAC

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: TRW Microwave

Job ID: 320-80333-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80333-1	TRIPBLANK-J6038-101121	Water	10/11/21 08:00	10/14/21 11:52
320-80333-2	J6038-T9A-101121	Water	10/11/21 11:46	10/14/21 11:52
320-80333-3	J6038-T19A-101121	Water	10/11/21 13:08	10/14/21 11:52
320-80333-4	J6038-T14A-101121	Water	10/11/21 13:36	10/14/21 11:52
320-80333-5	J6038-T13A-101121	Water	10/11/21 14:10	10/14/21 11:52
320-80333-6	J6038-T23A-101121	Water	10/11/21 14:40	10/14/21 11:52
320-80333-7	J6038-T25A-101121	Water	10/11/21 15:07	10/14/21 11:52
320-80333-8	TRIPBLANK-J6038-101221	Water	10/12/21 08:00	10/14/21 11:52
320-80333-9	J6038-T15A-101221	Water	10/12/21 08:49	10/14/21 11:52
320-80333-10	J6038-T17A-101221	Water	10/12/21 09:20	10/14/21 11:52
320-80333-11	J6038-T17B-101221	Water	10/12/21 09:45	10/14/21 11:52
320-80333-12	J6038-T4B-101221	Water	10/12/21 10:17	10/14/21 11:52
320-80333-13	J6038-38S-101221	Water	10/12/21 10:50	10/14/21 11:52
320-80333-14	J6038-T25BS-101221	Water	10/12/21 11:17	10/14/21 11:52
320-80333-15	J6038-T25BD-101221	Water	10/12/21 11:44	10/14/21 11:52
320-80333-16	J6038-T24B-101221	Water	10/12/21 11:30	10/14/21 11:52
320-80333-17	J6038-T23B-101221	Water	10/12/21 11:01	10/14/21 11:52
320-80333-18	J6038-T10B-101221	Water	10/12/21 09:35	10/14/21 11:52
320-80333-19	J6038-T16A-101221	Water	10/12/21 08:55	10/14/21 11:52
320-80333-20	J6038-T10C-101221	Water	10/12/21 12:55	10/14/21 11:52
320-80333-21	J6038-T8B-101221	Water	10/12/21 13:35	10/14/21 11:52
320-80333-22	J6038-T8A-101221	Water	10/12/21 14:10	10/14/21 11:52
320-80333-23	J6038-T11C-101221-1	Water	10/12/21 13:05	10/14/21 11:52
320-80333-24	J6038-T11C-101221-2	Water	10/12/21 13:10	10/14/21 11:52
320-80333-25	J6038-T7B-101221-1	Water	10/12/21 14:30	10/14/21 11:52
320-80333-26	J6038-T7B-101221-2	Water	10/12/21 14:35	10/14/21 11:52
320-80333-27	J6038-T7A-101221-1	Water	10/12/21 14:50	10/14/21 11:52
320-80333-28	J6038-T7A-101221-2	Water	10/12/21 14:55	10/14/21 11:52
320-80333-29	J6038-T22B-101221	Water	10/12/21 10:28	10/14/21 11:52
320-80333-30	TRIPBLANK-J6038-101321	Water	10/13/21 07:30	10/14/21 11:52
320-80333-31	J6038-T5B-101321-1	Water	10/13/21 08:01	10/14/21 11:52
320-80333-32	J6038-T5B-101321-2	Water	10/13/21 08:06	10/14/21 11:52
320-80333-33	J6038-T21B-101321	Water	10/13/21 08:41	10/14/21 11:52
320-80333-34	J6038-T18B-101321	Water	10/13/21 09:25	10/14/21 11:52
320-80333-35	J6038-T20B-101321	Water	10/13/21 10:02	10/14/21 11:52
320-80333-36	J6038-T12C-101321	Water	10/13/21 11:06	10/14/21 11:52
320-80333-37	J6038-T9C-101321	Water	10/13/21 11:35	10/14/21 11:52
320-80333-38	J6038-T19B-101321	Water	10/13/21 12:30	10/14/21 11:52

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

CONDUCT ANALYSIS TO DETECT

LAB: EUR

ALL ANALYSES MUST MEET LIMITS SET BY CALIFORNIA
☐ EPA
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS
Invoice to: NG
Report to: GES - Jen
JeClay@gesonli
Cc Report to: twri
SSOW Ref. Code: 1

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOC's (8260B)	Sulfate, Nitrate (EPA 300) < 48 HOUR HOLD >	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADD'L INFORMATION	S
J6038-T10B-101221	10/12/21	0935	W	1	250 NP Poly			X						
J6038-T25BS-101221	↓	1117	↓	1	↓			X						
J6038-T8B-101221	↓	1335	↓	1	↓			X						

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/12/2021	1355	Ciara Shirey	Sta

RELEASED BY	DATE	TIME	RECEIVED BY
CS	10/12/2021	1700	
RELEASED BY	DATE	TIME	RECEIVED BY
RELEASED BY	DATE	TIME	RECEIVED BY

SHIPPED VIA	DATE SENT	MI. SENT	COOLER #

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

CONDUCT ANALYSIS TO DETECT

LAB: EU

ALL ANALYSES MUST ME
LIMITS SET BY CALIFORNI
☐ EPA
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Invoice to: N(
Report to: GES - Je
JeClay@geson
Cc Report to: tw
SSOW Ref. Code:

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOC's (8260B)	Sulfate, Nitrate (EPA 300) < 48 HOUR HOLD >	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADD'L INFORMATION
TRIPBLANK-J6038-101121	10/11/21	0800	W	2	various		X						
J6038-T9A-101121		1146		3			X						
J6038-T19A-101121		1308		3			X						
J6038-T14A-101121		1336		3			X						
J6038-T13A-101121		1410		3			X						
J6038-T23A-101121		1440		3			X						
J6038-T25A-101121		1507		3			X						
TRIPBLANK-J6038-101221	10/12/21	0800		2			X						
J6038-T15A-101221		0849		3			X						
J6038-T17A-101221		0920		3			X						

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/13/21	1230	Ciara Shirey	St

RELEASED BY	DATE	TIME	RECEIVED BY
CS	10/13/2021	1330	CS (SC)
	10/14/21	0945	

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H_2O	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOC's (8260B)	Sulfate, Nitrate (EPA 300) < 48 HOUR HOLD >	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADD'L INFORMATION
J6038-T17B-101221	10/12/21	0945	W	3	various		X						
J6038-T4B-101221		1017		3			X						
J6038-38S-101221		1050		3			X						
J6038-T25BS-101221		1117		9			X		X	X	X		
J6038-T25BD-101221		1144		3			X						
J6038-T24B-101221		1130		3			X						
J6038-T23B-101221		1101		3			X						
J6038-T10B-101221		0935		9			X		X	X	X		
J6038-T16A-101221		0855		3			X						
J6038-T10C-101221		1255		3			X						

SAMPLING COMPLETED: DATE 10/13/21 TIME 1230

SAMPLING PERFORMED BY: Ciara Shirey

RESULTS NEEDED NO LATER THAN: St

RELEASED BY	DATE	TIME	RECEIVED BY
CS	10/13/2021	1330	CS (SC)
[signature]	10/14/21	0945 ~~0040~~	[signature]

LAB: E

ALL ANALYSES MUST M
LIMITS SET BY CALIFORI
☐ EPA
☐ LIA
☐ OTHER

SPECIAL INSTRUCTION

Invoice to: N

Report to: GES - J
JeClay@geso

Cc Report to: tv

SSOW Ref. Code:

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

CONDUCT ANALYSIS TO DETECT

LAB: EU

ALL ANALYSES MUST ME
LIMITS SET BY CALIFORN
☐ EPA
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Invoice to: N
Report to: GES - Je
JeClay@gesor
Cc Report to: tw

SSOW Ref. Code:

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOC's (8260B)	Sulfate, Nitrate (EPA 300) <48 HOUR HOLD>	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADD'L INFORMATION
J6038-T8B-101221	10/12/21	1335	W	9	various		X		X	X	X		
J6038-T8A-101221		1410		3			X						
J6038-T11C-101221-1		1305		3			X						
J6038-T11C-101221-2		1310		3			X						
J6038-T7B-101221-1		1430		3			X						
J6038-T7B-101221-2		1435		3			X						
J6038-T7A-101221-1		1450		3			X						
J6038-T7A-101221-2		1455		3			X						
J6038-T22B-101221		1028		3			X						
TRIPBLANK-J6038-101321	10/13/21	0730		2			X						

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/13/21	1230	Ciara Shirey	St

RELEASED BY	DATE	TIME	RECEIVED BY
	10/13/2021	1330	(SC)
	10/14/21	0945	

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 211011SC-1

CLIENT: GES (Groundwater & Environmental Services)

SITE: TRW Microwave
825 Stewart Dr., Sunnyvale, CA
GHD Project #: 11224293-J6038

CONDUCT ANALYSIS TO DETECT

LAB: El

ALL ANALYSES MUST MI
LIMITS SET BY CALIFORN
☐ EPA
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Invoice to: N

Report to: GES - Je
JeClay@gesor

Cc Report to: tw

SSOW Ref. Code:

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	CONTAINERS TYPE	C = COMPOSITE ALL CONTAINERS	HVOC's (8260B)	Sulfate, Nitrate (EPA 300) <48 HOUR HOLD>	TOC (EPA 9060A)	Alkalinity (EPA 2320B)	Methane, Ethane, Ethene (RSK-175)		ADD'L INFORMATION
J6038-T5B-101321-1	10/13/21	0801	W	3	various		X						
J6038-T5B-101321-2		0806		3			X						
J6038-T21B-101321		0841		3			X						
J6038-T18B-101321		0925		3			X						
J6038-T20B-101321		1002		3			X						
J6038-T12C-101321		1106		3			X						
J6038-T9C-101321		1135		3			X						
J6038-T19B-101321		1230		3			X						

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/13/21	1230	Ciara Shirey	S

RELEASED BY	DATE	TIME	RECEIVED BY
	10/13/2021	1330	(SC)
	10/14/21	0945	

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Salimpour, Afsaneh F	Carrier Tracking No(s):	COC No: 320-245430.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Afsaneh.Salimpour@Eurofinset.com	State of Origin: California	Page: Page 1 of 5
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - California		Job #: 320-80333-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 10/26/2021			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: TRW Microwave	Project #: 32018717			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCl, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B (MOD) Halogenated Compounds By 8260B	2320B/ Total Alkalinity Only	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TRIPBLANK-J6038-101121 (320-80333-1)	10/11/21	08:00 Pacific		Water			X		2	
J6038-T9A-101121 (320-80333-2)	10/11/21	11:46 Pacific		Water			X		3	
J6038-T19A-101121 (320-80333-3)	10/11/21	13:08 Pacific		Water			X		3	
J6038-T14A-101121 (320-80333-4)	10/11/21	13:36 Pacific		Water			X		3	
J6038-T13A-101121 (320-80333-5)	10/11/21	14:10 Pacific		Water			X		3	
J6038-T23A-101121 (320-80333-6)	10/11/21	14:40 Pacific		Water			X		3	
J6038-T25A-101121 (320-80333-7)	10/11/21	15:07 Pacific		Water			X		3	
TRIPBLANK-J6038-101221 (320-80333-8)	10/12/21	08:00 Pacific		Water			X		2	
J6038-T15A-101221 (320-80333-9)	10/12/21	08:49 Pacific		Water			X		3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 10/14-21 1600	Company: ST	Received by: Paul	Date/Time: 10/14-21 1600	Company: DCS
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by: [signature]	Date/Time: 1611	Company:	Received by: [signature]	Date/Time: 10/14/21 1910	Company: EMSAL

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.9 & 2.4 & 3.9

Ver: 06/08/2021

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Salimpour, Afsaneh F	Carrier Tracking No(s):	COC No: 320-245430.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Afsaneh.Salimpour@Eurofinset.com	State of Origin: California	Page: Page 2 of 5
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - California		Job #: 320-80333-1
Address: 880 Riverside Parkway,	Due Date Requested: 10/26/2021			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: TRW Microwave	Project #: 32018717			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B (MOD) Halogenated Compounds By 8260B	2320B/ Total Alkalinity Only	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
J6038-T17A-101221 (320-80333-10)	10/12/21	09:20 Pacific		Water			X		3	
J6038-T17B-101221 (320-80333-11)	10/12/21	09:45 Pacific		Water			X		3	
J6038-T4B-101221 (320-80333-12)	10/12/21	10:17 Pacific		Water			X		3	
J6038-38S-101221 (320-80333-13)	10/12/21	10:50 Pacific		Water			X		3	
J6038-T25BS-101221 (320-80333-14)	10/12/21	11:17 Pacific		Water			X	X	4	
J6038-T25BD-101221 (320-80333-15)	10/12/21	11:44 Pacific		Water			X		3	
J6038-T24B-101221 (320-80333-16)	10/12/21	11:30 Pacific		Water			X		3	
J6038-T23B-101221 (320-80333-17)	10/12/21	11:01 Pacific		Water			X		3	
J6038-T10B-101221 (320-80333-18)	10/12/21	09:35 Pacific		Water			X	X	4	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by: [signature]	Date/Time: 10-14-21 1600	Company: ST	Received by: [signature]	Date/Time: 10-14-21 1600	Company: DS
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by: [signature]	Date/Time: 1110	Company:	Received by: [signature]	Date/Time: 10/14/21 1900	Company: ETASA
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 06/08/2021

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Salimpour, Afsaneh F	Carrier Tracking No(s):	COC No: 320-245430 3
Client Contact: Shipping/Receiving	Phone:	E-Mail: Afsaneh.Salimpour@Eurofinset.com	State of Origin: California	Page: Page 3 of 5
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - California		Job #: 320-80333-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 10/26/2021			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #			
Email:	WO #			
Project Name: TRW Microwave	Project #: 32018717			
Site	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B (MOD) Halogenated Compounds By 8260B	2320B/ Total Alkalinity Only	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
J6038-T16A-101221 (320-80333-19)	10/12/21	08:55 Pacific		Water			X		3	
J6038-T10C-101221 (320-80333-20)	10/12/21	12:55 Pacific		Water			X		3	
J6038-T8B-101221 (320-80333-21)	10/12/21	13:35 Pacific		Water			X	X	4	
J6038-T8A-101221 (320-80333-22)	10/12/21	14:10 Pacific		Water			X		3	
J6038-T11C-101221-1 (320-80333-23)	10/12/21	13:05 Pacific		Water			X		3	
J6038-T11C-101221-2 (320-80333-24)	10/12/21	13:10 Pacific		Water			X		3	
J6038-T7B-101221-1 (320-80333-25)	10/12/21	14:30 Pacific		Water			X		3	
J6038-T7B-101221-2 (320-80333-26)	10/12/21	14:35 Pacific		Water			X		3	
J6038-T7A-101221-1 (320-80333-27)	10/12/21	14:50 Pacific		Water			X		3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*		***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Special Instructions/QC Requirements:	
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: [signature]	Date/Time: 10-14-21 1600	Company: SJ	Received by: [signature]	Date/Time: 10-14-21 1600	Company: DCS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: [signature]	Date/Time: 1910	Company	Received by: [signature]	Date/Time: 10/14/21-1910	Company: EASA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Salimpour, Afsaneh F	Carrier Tracking No(s):	COC No: 320-245430.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: Afsaneh.Salimpour@Eurofinset.com	State of Origin: California	Page: Page 4 of 5
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - California		Job #: 320-80333-1
Address: 880 Riverside Parkway,	Due Date Requested: 10/26/2021			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: TRW Microwave	Project #: 32018717			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B (MOD) Halogenated Compounds By 8260B	2320B/ Total Alkalinity Only	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
J6038-T7A-101221-2 (320-80333-28)	10/12/21	14:55 Pacific		Water			X		3	
J6038-T22B-101221 (320-80333-29)	10/12/21	10:28 Pacific		Water			X		3	
TRIPBLANK-J6038-101321 (320-80333-30)	10/13/21	07:30 Pacific		Water			X		2	
J6038-T5B-101321-1 (320-80333-31)	10/13/21	08:01 Pacific		Water			X		3	
J6038-T5B-101321-2 (320-80333-32)	10/13/21	08:06 Pacific		Water			X		3	
J6038-T21B-101321 (320-80333-33)	10/13/21	08:41 Pacific		Water			X		3	
J6038-T18B-101321 (320-80333-34)	10/13/21	09:25 Pacific		Water			X		3	
J6038-T20B-101321 (320-80333-35)	10/13/21	10:02 Pacific		Water			X		3	
J6038-T12C-101321 (320-80333-36)	10/13/21	11:06 Pacific		Water			X		3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10-14-21 1600	SST	Paul	10-14-21 1600	DCS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Paul	Date/Time: 10/8	Company	Received by: [signature]	Date/Time: 10/14/21 - 1910	Company: ETAch

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Salimpour, Afsaneh F	Carrier Tracking No(s):	COC No: 320-245430.5
Client Contact: Shipping/Receiving	Phone:	E-Mail: Afsaneh.Salimpour@Eurofinset.com	State of Origin: California	Page: Page 5 of 5
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - California		Job #: 320-80333-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 10/26/2021			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #			
Email:	WO #:			
Project Name: TRW Microwave	Project #: 32018717			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B (MOD) Halogenated Compounds By 8260B	2320B/ Total Alkalinity Only	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
J6038-T9C-101321 (320-80333-37)	10/13/21	11:35 Pacific		Water			X		3	
J6038-T19B-101321 (320-80333-38)	10/13/21	12:30 Pacific		Water			X		3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by: [signature]	Date/Time: 10-14-21 1600	Company: ST	Received by: Paul	Date/Time: 10-14-21 1600	Company: DCS
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by: Paul	Date/Time: 1910	Company:	Received by: [signature]	Date/Time: 10/14/21-1900	Company: EMAC
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 320-80333-1

Login Number: 80333
List Number: 1
Creator: Mullen, Joan

List Source: Eurofins TestAmerica, Sacramento

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.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	N/A	
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	

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 320-80333-1

Login Number: 80333
List Number: 2
Creator: Guzman, Juan

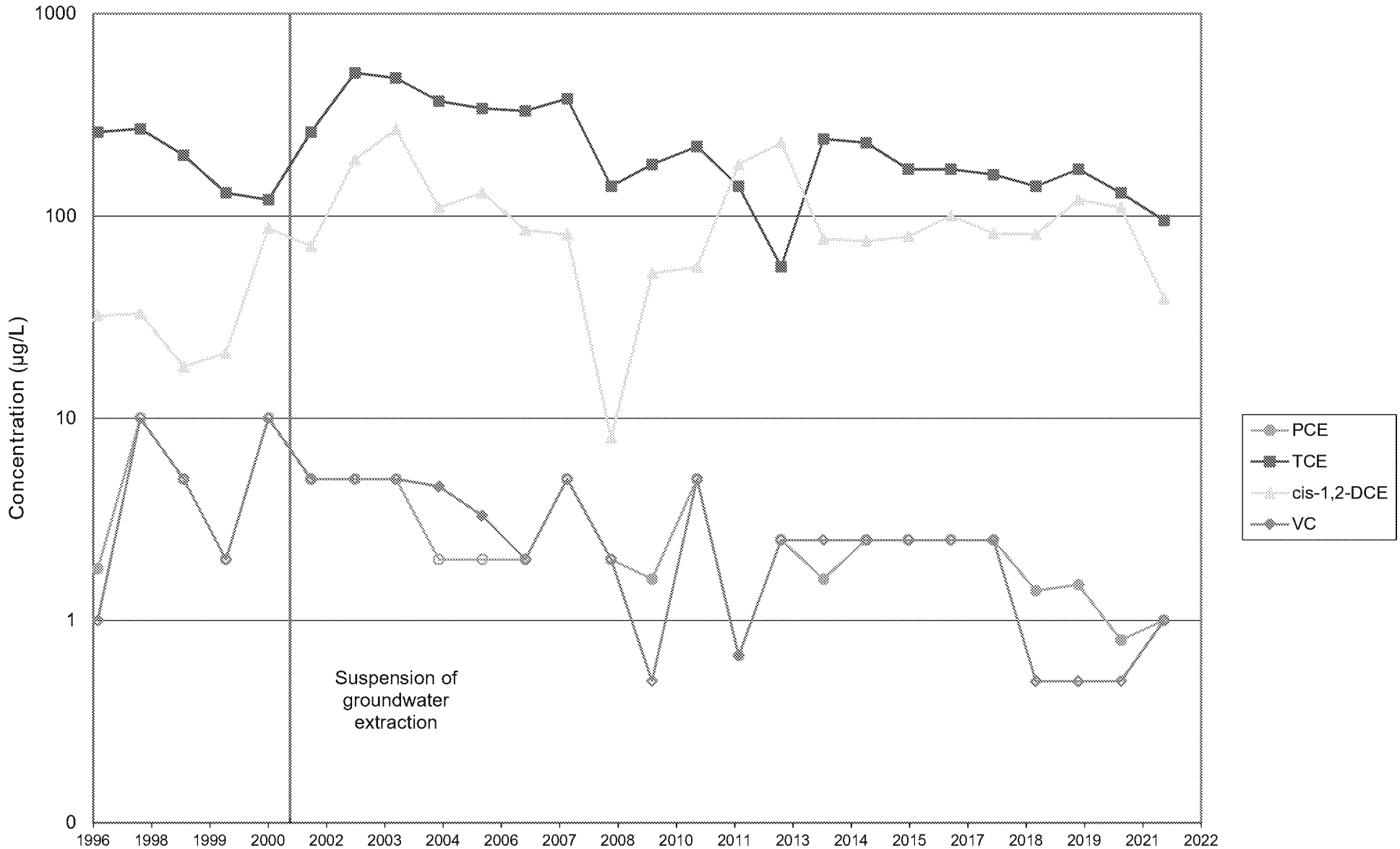
List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.9 & 2.4 & 3.9
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?	False	Received project as a subcontract.
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.	N/A	
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	

Appendix F – Chlorinated Ethene Concentration Trend Plots for Selected Wells

Chlorinated Ethene Concentration Trend Plot for Well T-7A

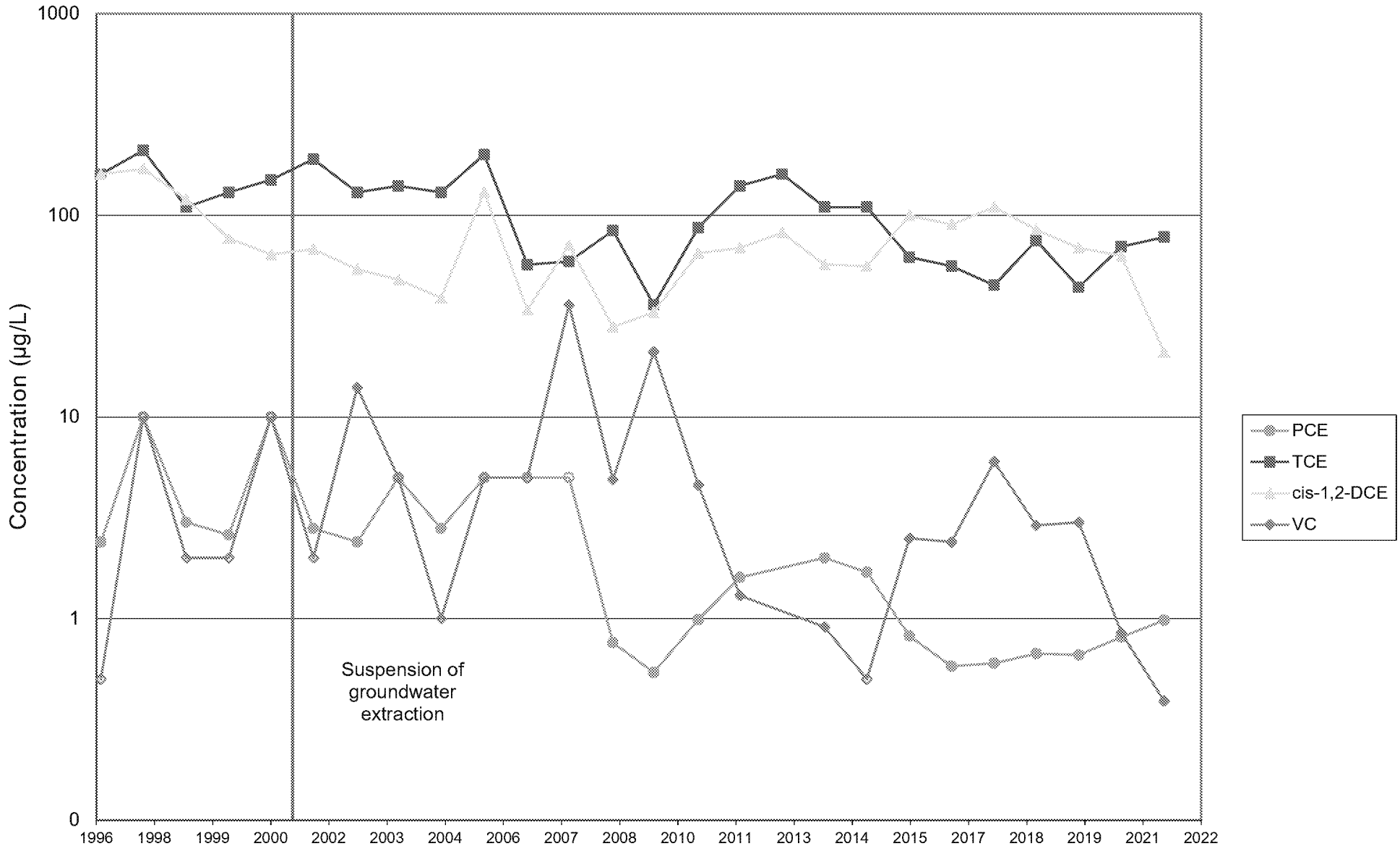
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-8A

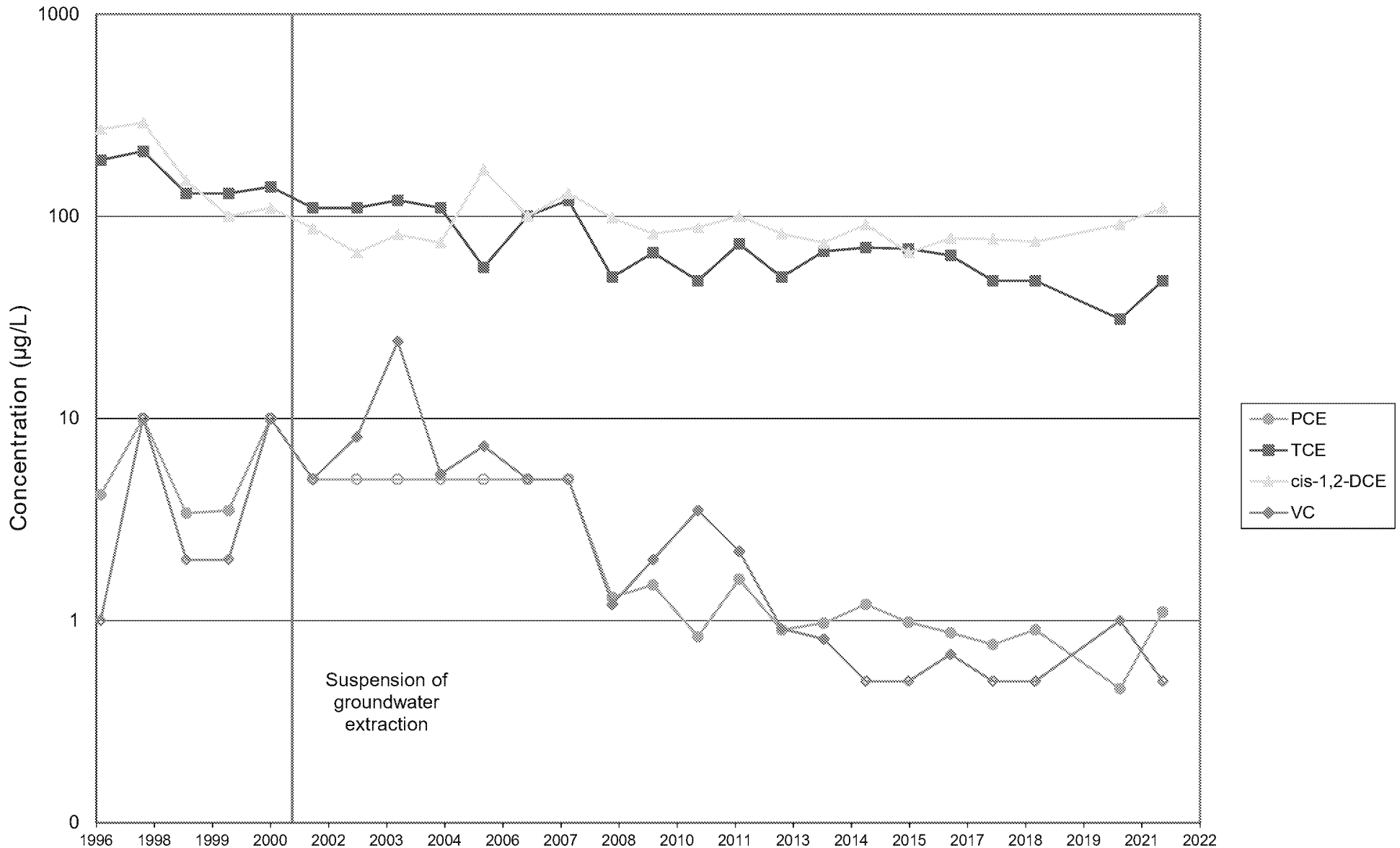
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-9A

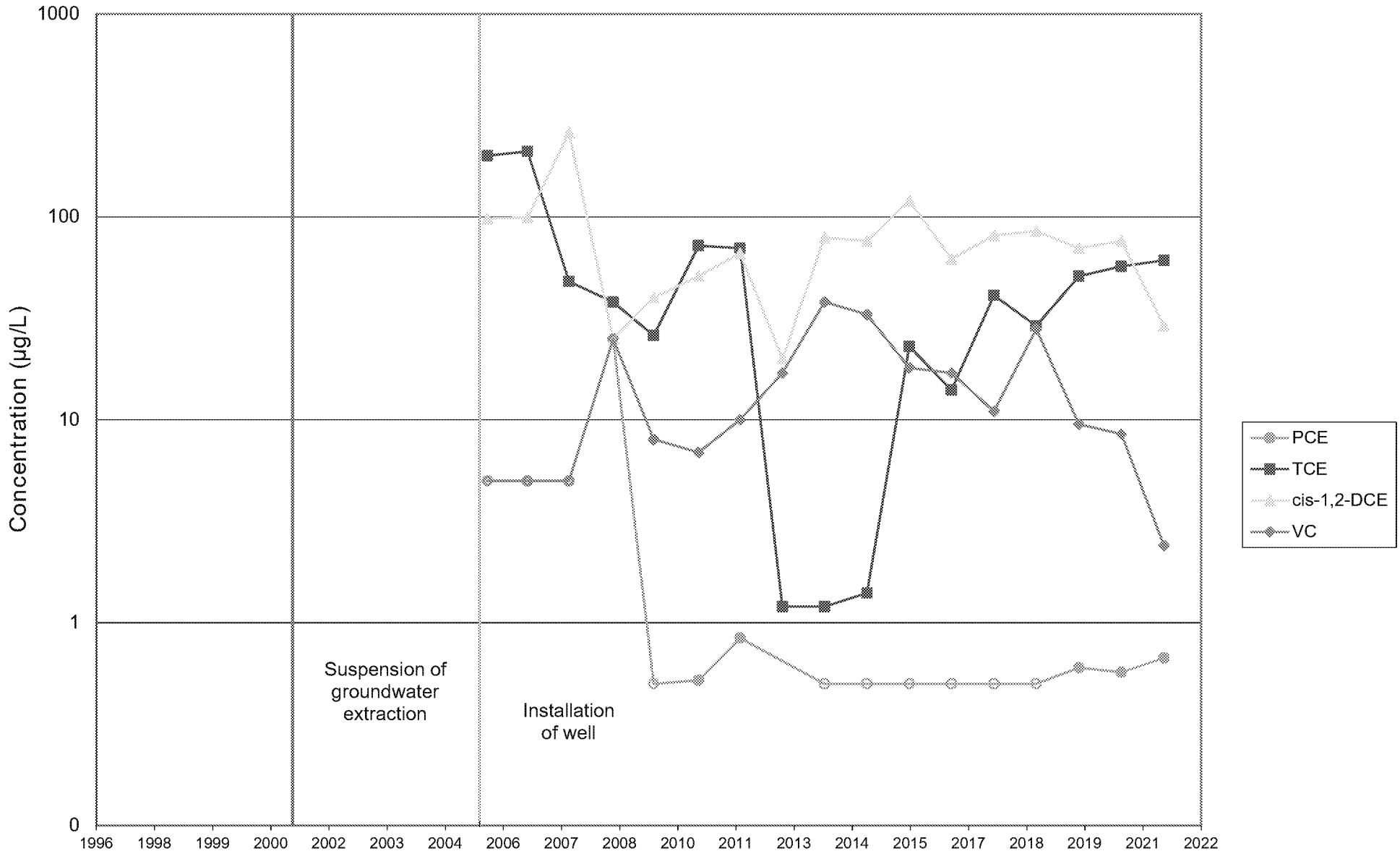
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-13A

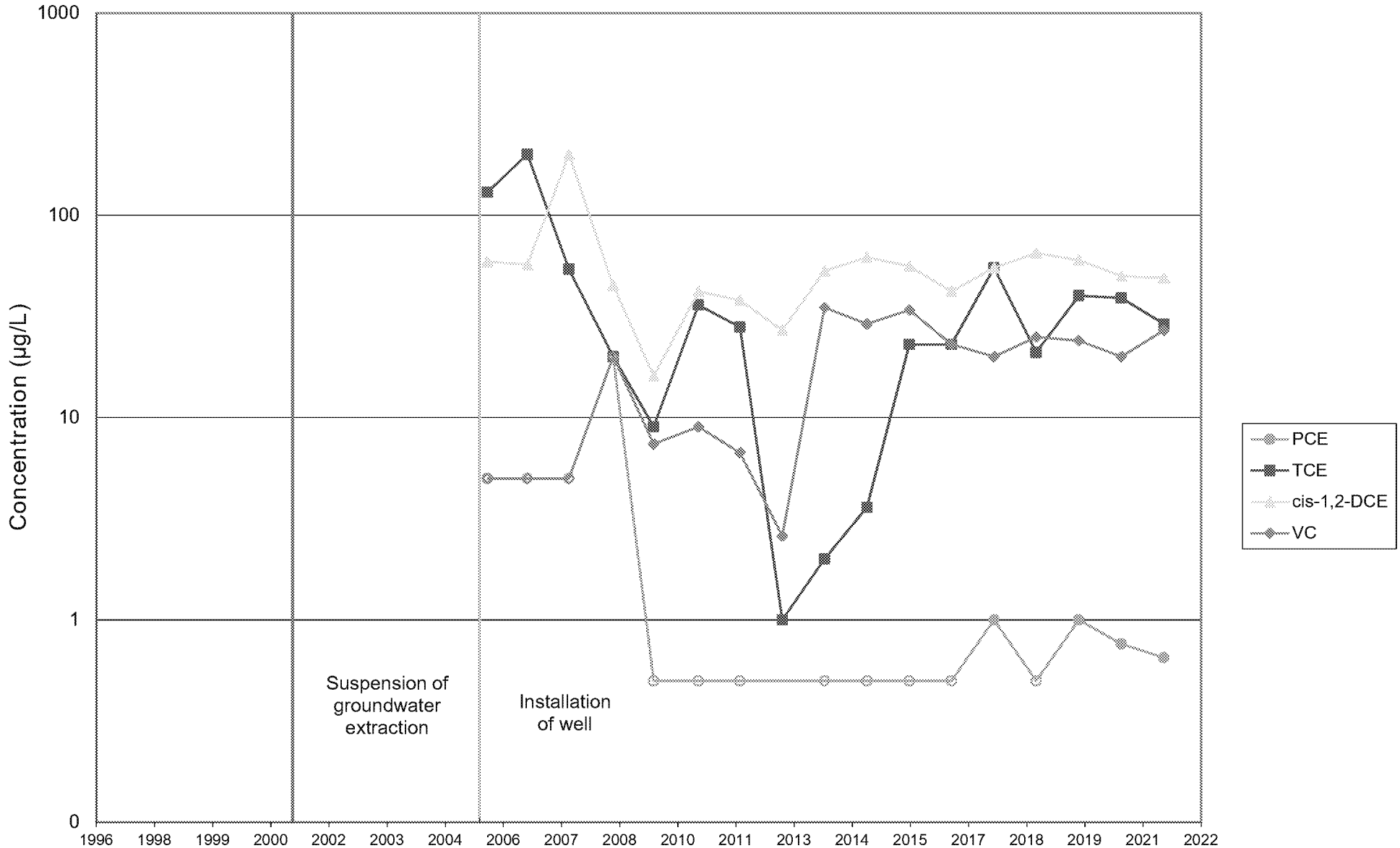
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-14A

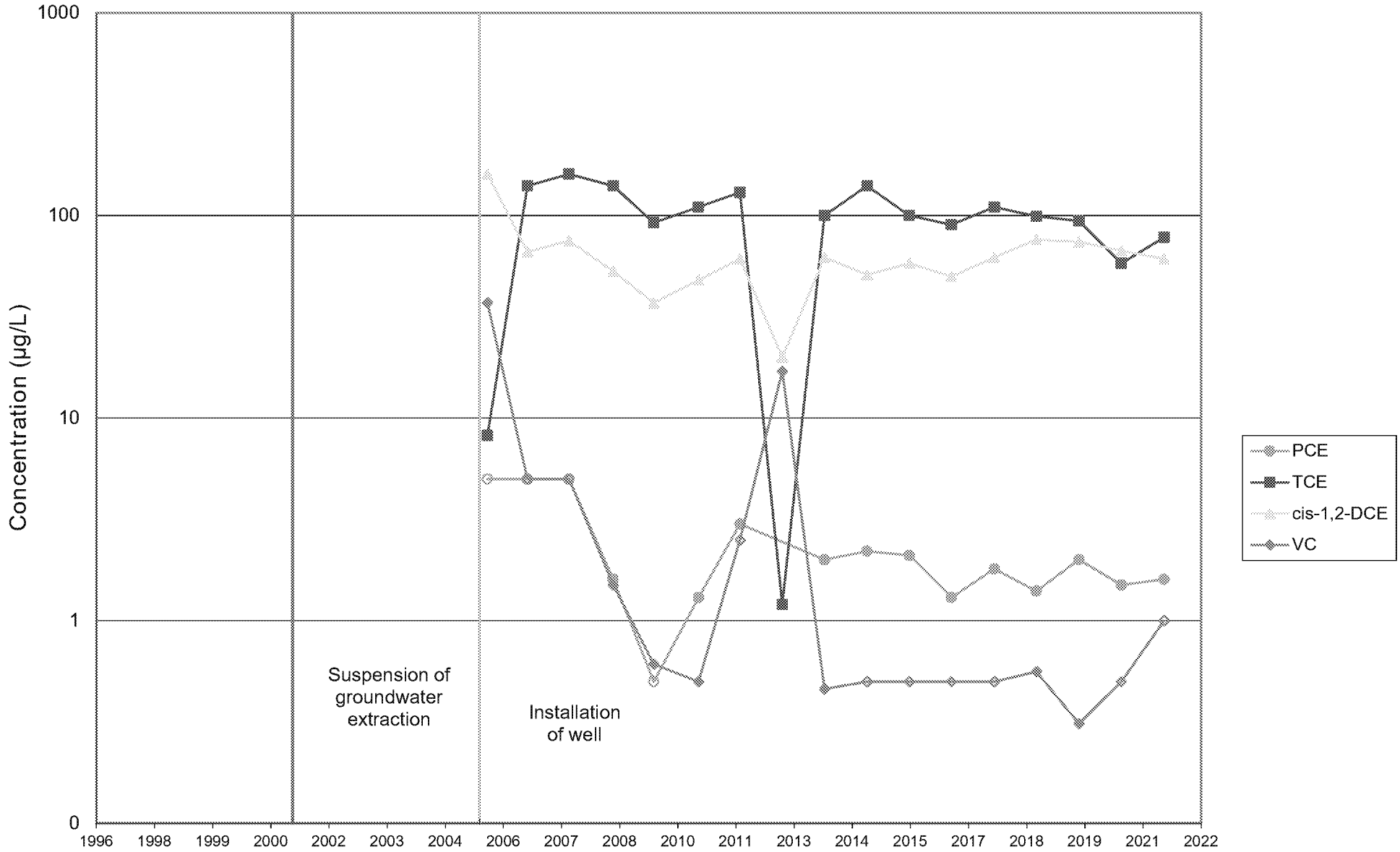
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-15A

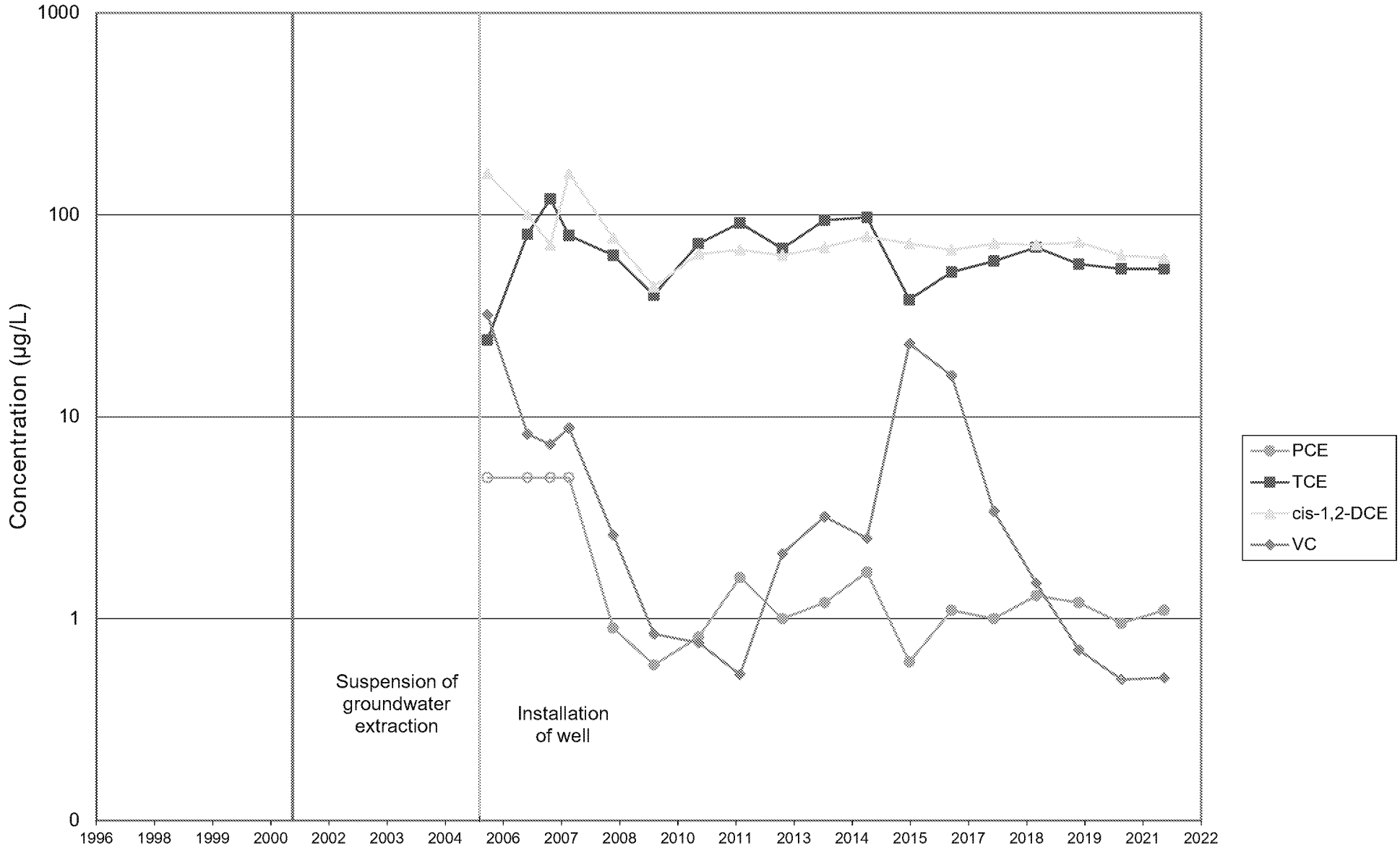
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-16A

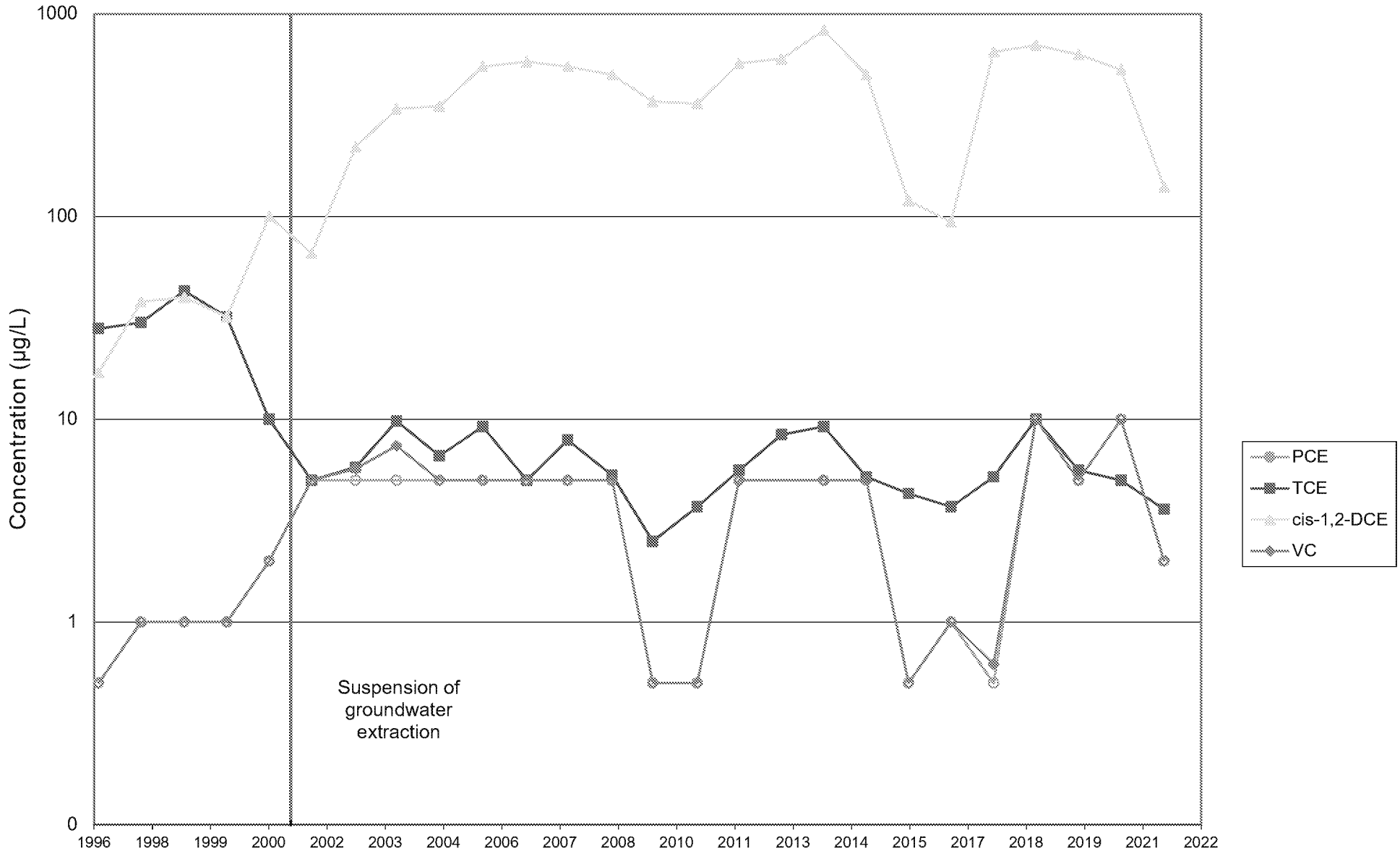
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-4B

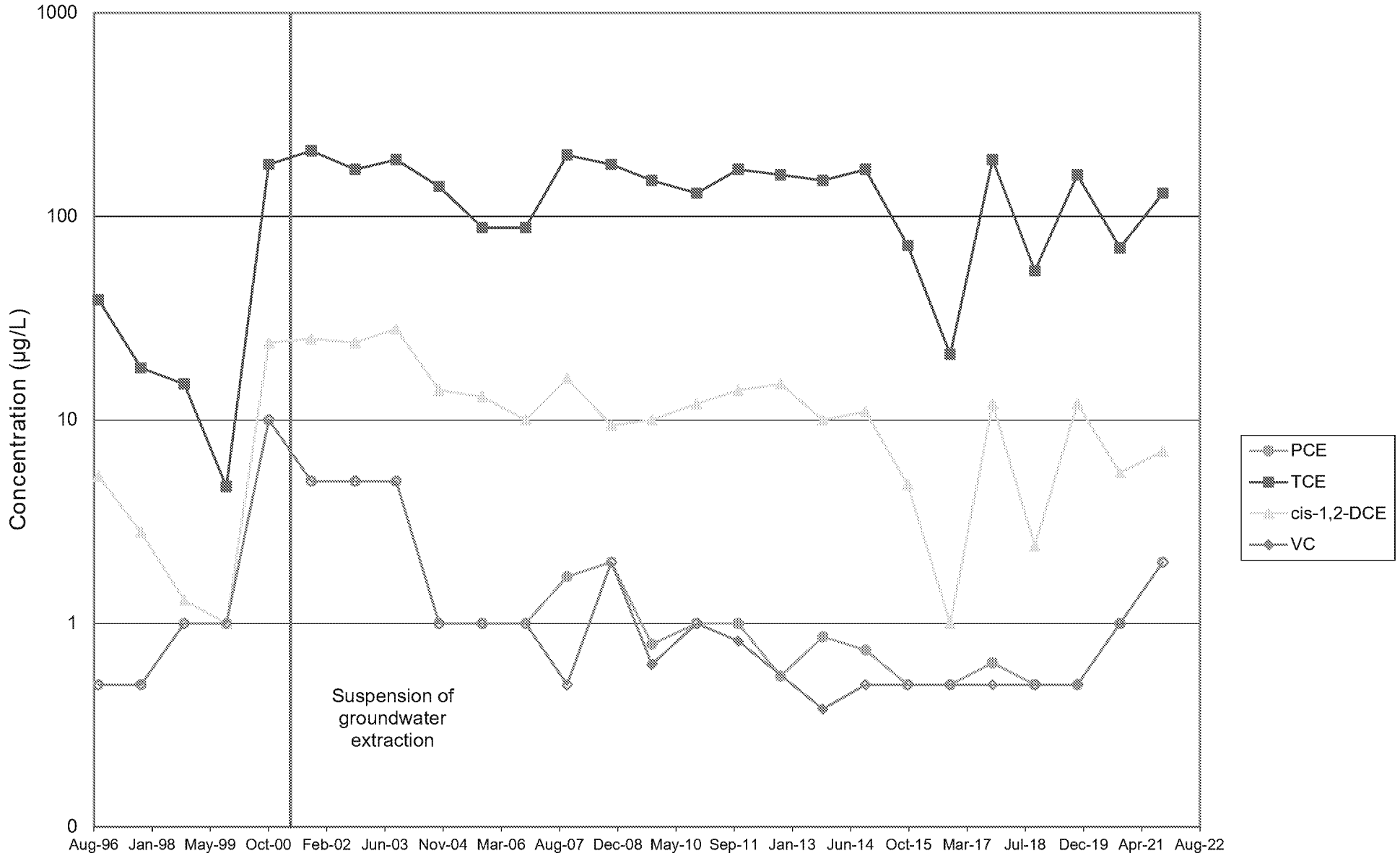
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-7B

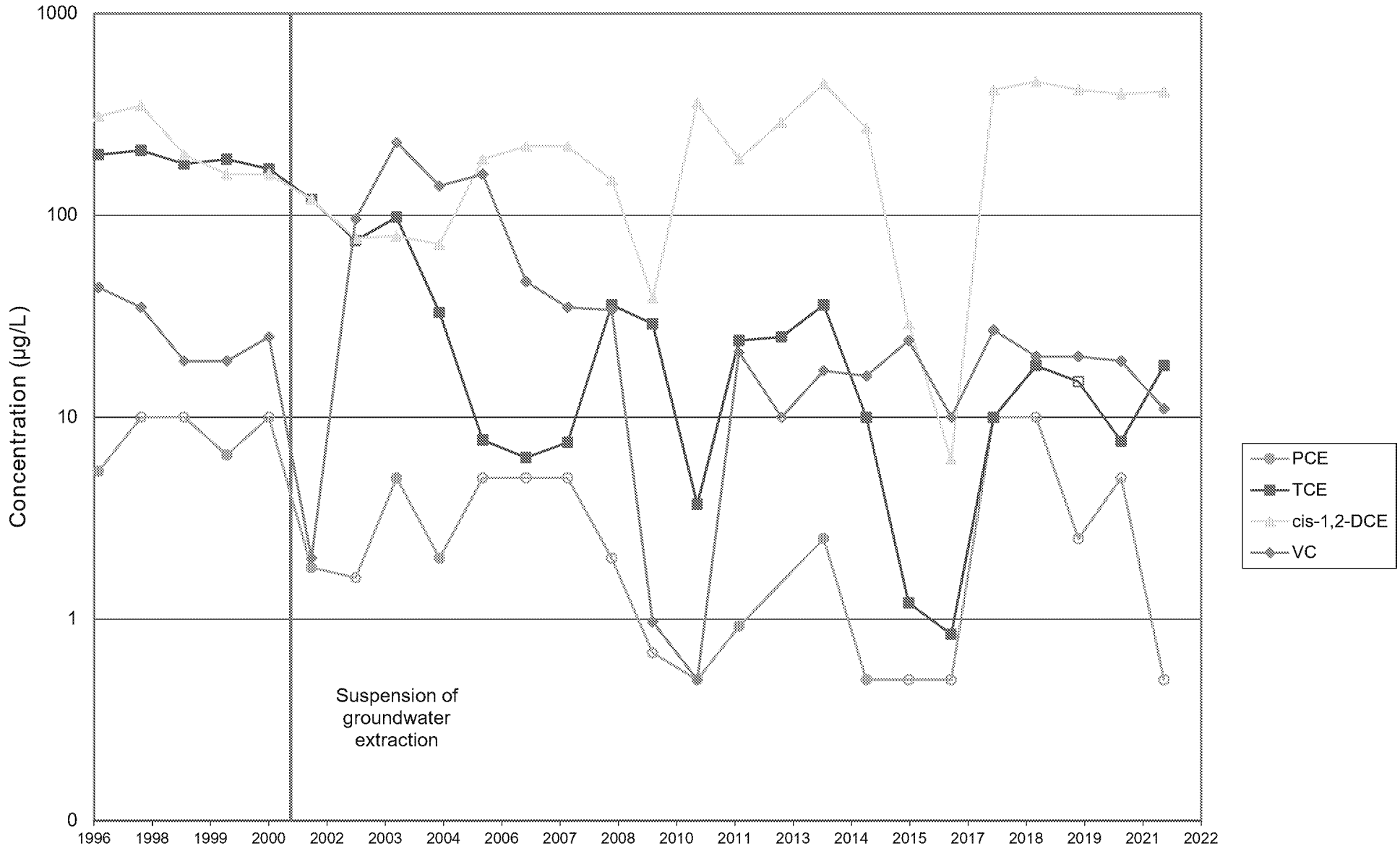
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-8B

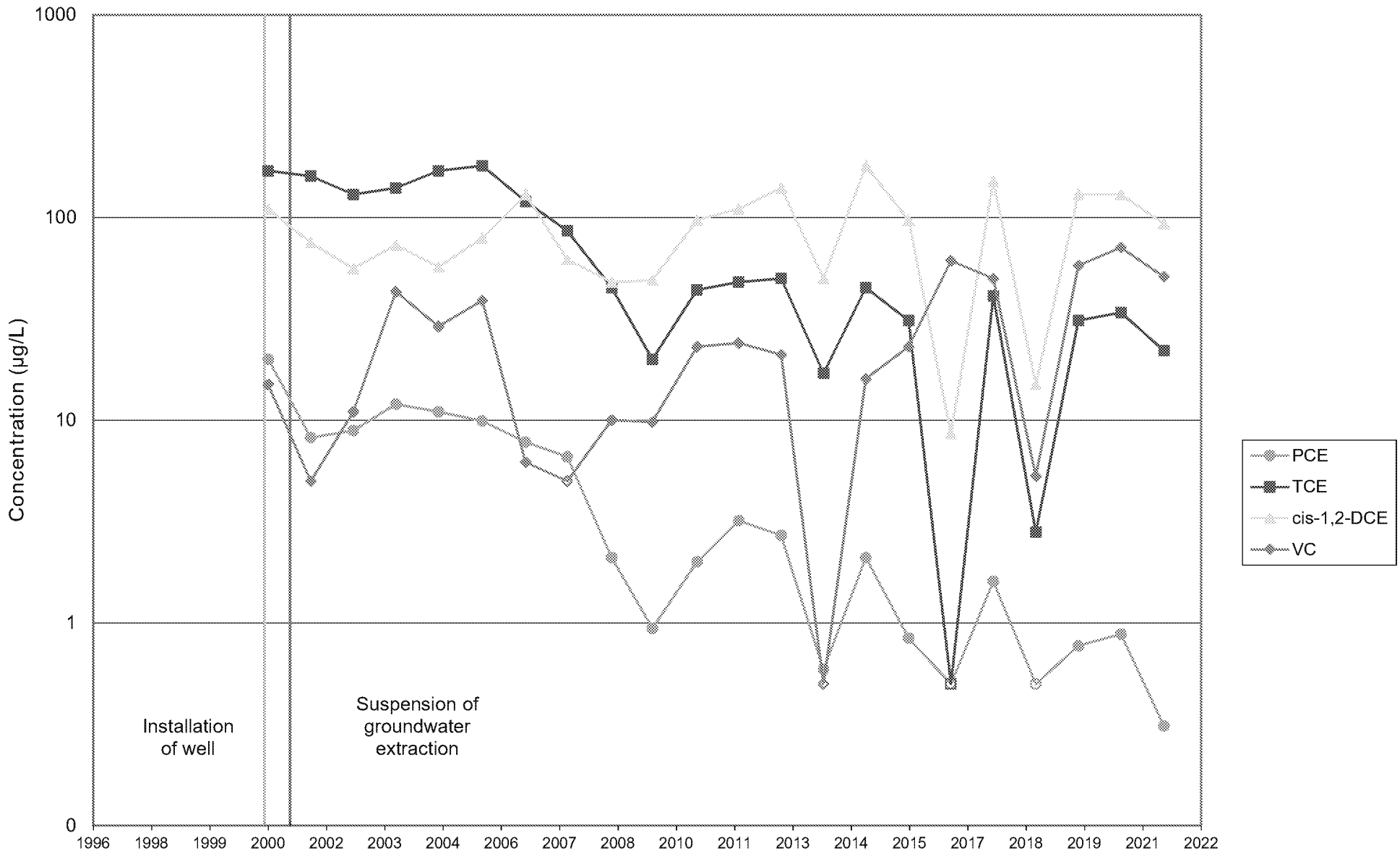
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-10B

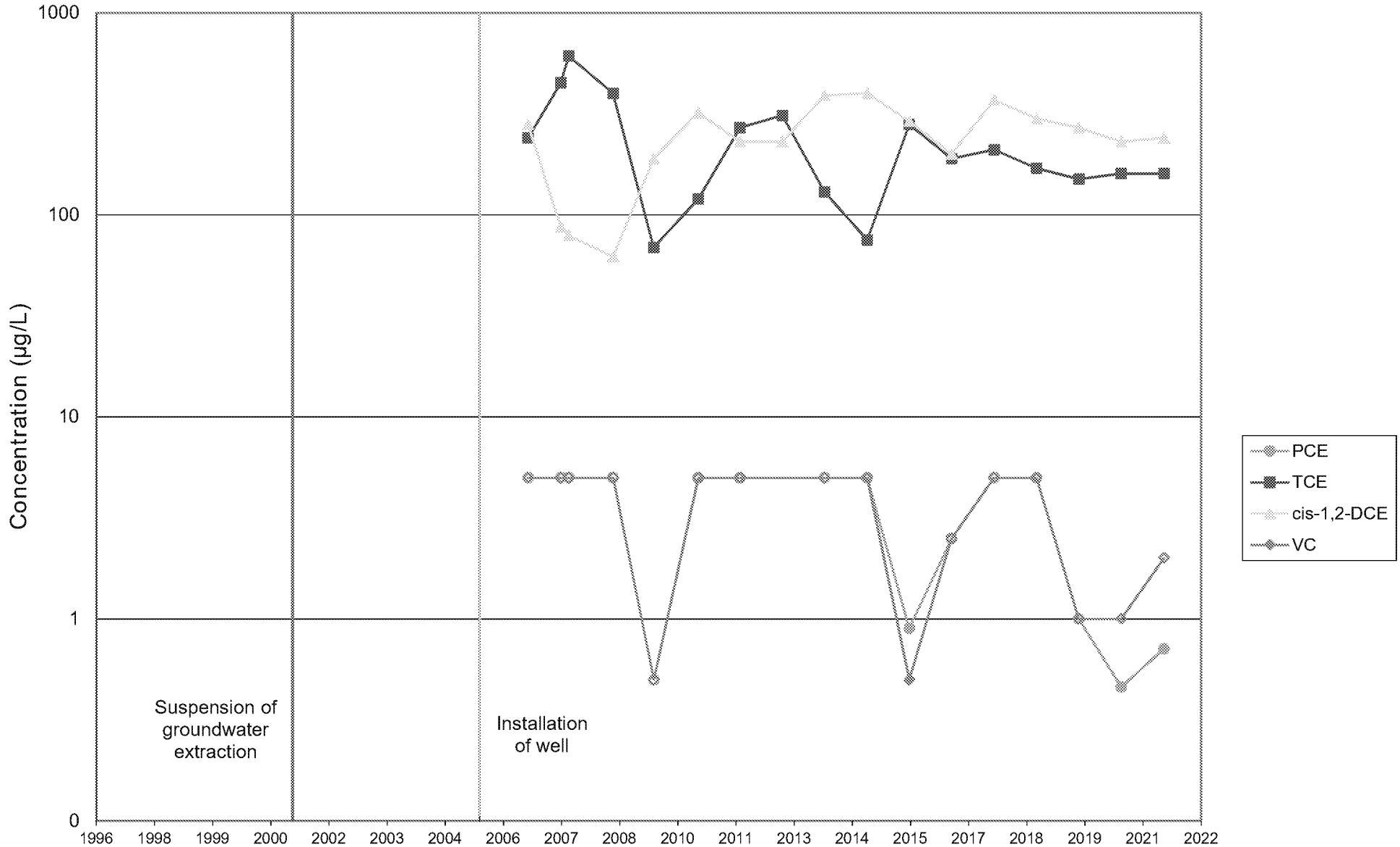
Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Chlorinated Ethene Concentration Trend Plot for Well T-17B

Former TRW Microwave - 825 Stewart Drive, Sunnyvale, California



Note: Suspension of groundwater extration at wells Eductor, T-2A, T-8A and T-9A occured on April 6, 2001.
Enhanced anaerobic bioremediation (EAB) program initiated in October 2000.
Suspension of EAB monitoring in 2017.
Concentrations are shown in micrograms per Liter (µg/L) and concentrations reported as non-detect are open.

Appendix G – Off-Site Monitoring Wells Table and Data

TABLE 1
2021 WATER ELEVATION REPORT
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2021 Water Elevation (feet, msl)
COM01A	A	33.13	24.30
COM02A	A	31.20	22.07
COM03A	A	28.56	NA
COM04A	A	30.04	21.97
COM05A	A	27.60	16.92
COM06A*	A	35.24	23.01
COM06AEH	A	35.74	27.06
COM08A*	A	35.82	20.12
COM10A*	A	35.92	28.08
COM11A	A	29.91	22.51
COM16A*	A	35.82	26.77
COM17AH	A	29.00	18.87
COM18AH	A	35.92	28.29
COM19AH	A	35.06	28.11
COM20AH	A	34.96	27.74
COM22AH	A	28.73	18.77
COM23AH	A	28.48	18.68
COM24AH	A	29.44	18.76
COM25AH	A	28.51	NA
COM26AH	A	28.98	19.17
COM27AH	A	29.69	19.60
COM29A	A	37.54	28.88
COM29A2	A	37.65	28.87
COM37A*	A	28.11	18.06
COM38A*	A	28.21	18.92
COM39A*	A	27.55	NA
COM43A*	A	28.33	18.88
COM44A	A	31.44	21.96
COM49A	A	23.19	11.56
COM55A*	A	30.54	21.79
S067A	A	39.39	30.76
S071A	A	40.59	31.92
S072A	A	37.50	28.14
S073A	A	38.30	29.99
S074A	A	39.57	31.99
S075A1	A	38.53	29.69
S075A2	A	38.73	29.79
S076A	A	37.03	28.24
S077A	A	39.92	29.94
S078A	A	38.80	31.17
S150A	A	41.23	NA
S151A	A	41.54	33.11

ED_013761_00000432-00272

TABLE 1
2021 WATER ELEVATION REPORT
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2021 Water Elevation (feet, msl)
S152A	A	41.39	33.42
COM01B1*	B1	32.93	-1.12
COM02B1	B1	31.35	21.65
COM03B1*	B1	28.27	NA
COM05B1	B1	28.17	16.85
COM06B1H	B1	35.54	23.71
COM07B1	B1	35.95	26.53
COM09B1	B1	36.45	22.70
COM10B1H	B1	36.61	20.84
COM11B1	B1	29.59	21.41
COM17B1H	B1	29.04	14.16
COM23B1H	B1	28.71	16.75
COM27B1H	B1	29.10	19.13
COM29B1	B1	38.25	28.78
COM31B1*	B1	35.91	5.61
COM32B1	B1	35.72	23.64
COM33B1	B1	26.50	13.97
COM34B1	B1	35.80	26.38
COM37B1	B1	29.10	18.50
COM38B1*	B1	27.96	0.96
COM41B1*	B1	25.49	12.39
COM42B1	B1	28.59	18.16
COM43B1	B1	28.87	18.89
COM45B1*	B1	27.69	17.01
COM47B1	B1	27.93	19.70
COM48B1	B1	26.40	14.99
COM50B1	B1	22.92	11.79
COM51B1	B1	27.90	19.39
COM55B1	B1	31.16	21.36
COM59B1*	B1	32.46	20.04
COM60B1*	B1	27.28	4.16
COM62B1*	B1	25.28	-7.37
COM63B1	B1	18.36	10.07
COM64B1	B1	15.36	8.05
PZ006B1	B1	NA	NA
PZ029B1	B1	NA	NA
S067B1	B1	39.42	31.10
S071B1	B1	41.18	30.16
S072B1	B1	37.38	28.11
S073B1	B1	38.39	29.88
S074B1	B1	39.45	31.74
S075B1	B1	38.70	28.76

TABLE 1
2021 WATER ELEVATION REPORT
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2021 Water Elevation (feet, msl)
S076B1	B1	36.60	24.41
S077B1	B1	39.70	29.93
S078B1	B1	39.02	31.60
COM01B2*	B2	32.76	5.76
COM02B2	B2	31.12	22.28
COM03B2*	B2	27.79	NA
COM05B2	B2	27.89	16.77
COM06B2*	B2	35.24	-1.87
COM08B2	B2	35.73	24.08
COM08B2EH	B2	36.26	24.06
COM15B2	B2	38.27	27.14
COM18B2H	B2	35.97	28.52
COM21B2H	B2	34.69	22.91
COM23B2H	B2	28.82	17.23
COM35B2	B2	27.47	15.16
COM36B2	B2	36.53	33.01
COM43B2	B2	28.93	18.90
COM46B2*	B2	25.02	4.02
COM49B2	B2	23.05	12.18
COM51B2	B2	27.96	20.36
COM52B2	B2	23.61	12.69
COM59B2*	B2	32.38	-1.22
COM60B2*	B2	27.27	-5.36
COM61B2*	B2	24.58	4.93
COM63B2	B2	18.47	13.38
COM65B2	B2	15.24	7.96
PZ006B2	B2	NA	NA
COM03B3	B3	28.52	20.87
COM06B3*	B3	35.25	20.75
COM09B3*	B3	35.73	-7.58
COM11B3	B3	29.80	22.41
COM15B3	B3	38.18	30.07
COM17B3H	B3	28.80	23.23
COM27B3H	B3	29.56	19.17
COM33B3	B3	26.51	18.34
COM36B3	B3	36.70	35.82
COM38B3	B3	28.80	18.89
COM43B3	B3	28.89	20.66
COM45B3	B3	28.30	23.30
COM49B3	B3	23.13	16.72
COM53B3	B3	33.76	23.11
COM54B3	B3	31.23	25.89

TABLE 1
2021 WATER ELEVATION REPORT
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2021 Water Elevation (feet, msl)
COM56B3	B3	32.92	22.16
PZ029B3	B3	NA	NA
COM01B4	B4	32.89	25.06
COM06B4*	B4	35.26	-32.74
COM08B4	B4	36.42	NA
COM09B4	B4	36.57	28.32
COM15B4	B4	38.13	33.71
COM41B4	B4	26.42	19.90
COM53B4	B4	33.82	26.52
COM54B4	B4	31.25	25.83
COM01B5	B5	32.93	31.07

Notes:
* - Extraction well
^ - Well decommissioned
msl - mean sea level
NA - Data not available
Wells were resurveyed in December 2018

TABLE 2
2021 GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS: MONITORING WELLS
THE COMPANIES OFFSITE OPERABLE UNIT

Location ID		COM01A	COM01B5	COM02A	COM02B1	COM03A	COM04A	COM05A	COM05B1	COM05B2	COM07B1	COM07B1	COM11A	COM11B1
Date Sampled		11/11/2021	11/11/2021	11/10/2021	11/10/2021	11/10/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,2-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,2-Dichloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,2-Dichloropropane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,3-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
1,4-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Benzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Bromodichloromethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Bromoform	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 4.0	ND 1.0	ND 1.0
Bromomethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 4.0	ND 1.0	ND 1.0
Carbon Tetrachloride	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Chlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Chloroethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 4.0	ND 1.0	ND 1.0
Chloroform	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 4.0	ND 1.0	ND 1.0
Chloromethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 4.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	ug/l	22	ND 0.50	1.4	3.2	17	1	ND 0.50	ND 0.50	ND 0.50	260	240	ND 0.50	ND 0.50
cis-1,3-Dichloropropene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Dibromochloromethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Ethylbenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
m-Xylene & p-Xylene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Methylene Chloride	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 4.0	ND 1.0	ND 1.0
o-Xylene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Toluene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	ug/l	ND 0.50	ND 0.50	ND 0.50	1.5	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	2.1	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Trichloroethene (TCE)	ug/l	54	ND 0.50	6.7	4.6	93	17	2.3	ND 0.50	ND 0.50	3.1	2.4	1.1	ND 0.50
Trichlorofluoromethane (CFC 11)	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 4.0	ND 1.0	ND 1.0
Vinyl Chloride	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50
Xylenes, Total	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 2.0	ND 0.50	ND 0.50

Notes:

ND - Result was below the detection limit

*1 - LCS/LCSD RPD exceeds control limits

F1 - MS and/or MSD recovery exceeds control limits

TABLE 2
2021 GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS: MONITORING WELLS
THE COMPANIES OFFSITE OPERABLE UNIT

Location ID		COM15B2	COM15B3	COM15B3	COM15B4	COM18B2H	COM28B2	COM29A	COM29B1	COM32B1	COM35B2	COM36B2	COM36B3	COM37B1
Date Sampled		11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/11/2021	11/10/2021	11/15/2021	11/15/2021	11/11/2021	11/10/2021	11/11/2021	11/11/2021	11/11/2021
Sample Purpose		REG	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1-Trichloroethane (TCA)	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ug/l	73	4.5	3.9	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	1.4 *1	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	1.8	ND 0.50	ND 0.50	ND 0.50	0.64
1,2-Dichlorobenzene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Benzene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	ug/l	ND 4.0	ND 2.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Bromomethane	ug/l	ND 4.0	ND 2.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ug/l	ND 4.0	ND 2.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	ug/l	ND 4.0	ND 2.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloromethane	ug/l	ND 4.0	ND 2.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	ug/l	11	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	1.8	ND 0.50	86	ND 0.50	ND 0.50	ND 0.50	7.8
cis-1,3-Dichloropropene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m-Xylene & p-Xylene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	ug/l	ND 4.0	ND 2.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
o-Xylene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Toluene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	1.6	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Trichloroethene (TCE)	ug/l	260	90	84	ND 0.50	45	ND 0.50	17	ND 0.50	4.2	ND 0.50	7.8	ND 0.50	34
Trichlorofluoromethane (CFC 11)	ug/l	ND 4.0	ND 2.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	11	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Xylenes, Total	ug/l	ND 2.0	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - Result was below the detection limit

*1 - LCS/LCSD RPD exceeds control limits

F1 - MS and/or MSD recovery exceeds control limits

TABLE 2
2021 GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS: MONITORING WELLS
THE COMPANIES OFFSITE OPERABLE UNIT

Location ID		COM41A	COM42B1	COM43B1	COM43B2	COM46B1	COM48B1	COM49A	COM49B2	COM50B1	COM51B1	COM51B2	COM52B2	COM53B3
Date Sampled		11/10/2021	11/11/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/11/2021	11/11/2021	11/10/2021	11/11/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.7	ND 0.50	ND 0.50	2.2	23	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Benzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Bromomethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloromethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	ug/l	ND 0.50	ND 0.50	0.66	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
cis-1,3-Dichloropropene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m-Xylene & p-Xylene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
o-Xylene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Toluene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Trichloroethene (TCE)	ug/l	33	ND 0.50	0.91	ND 0.50	ND 0.50	ND 0.50	5.3	ND 0.50	2.5	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Trichlorofluoromethane (CFC 11)	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Xylenes, Total	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - Result was below the detection limit

*1 - LCS/LCSD RPD exceeds control limits

F1 - MS and/or MSD recovery exceeds control limits

TABLE 2
2021 GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS: MONITORING WELLS
THE COMPANIES OFFSITE OPERABLE UNIT

Location ID		COM53B4	COM54B3	COM55B1	COM55B1	COM63B1	COM63B2	COM64B1	COM65B2	S067A	S067B1	S067B1	S071A	S071B1
Date Sampled		11/11/2021	11/11/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/10/2021	11/15/2021	11/15/2021	11/15/2021	11/15/2021	11/15/2021
Sample Purpose		REG	REG	FD	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,1,2,2-Tetrachloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,1,2-Trichloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ug/l	ND 0.50	ND 0.50	6.5	7.5	6.5	ND 0.50	4	1.3	ND 0.50	3.2	3.2	ND 1.0	2.2
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,2-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,2-Dichloroethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,2-Dichloropropane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,3-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
1,4-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Benzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Bromodichloromethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Bromoform	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 4.0	ND 4.0	ND 2.0	ND 1.0
Bromomethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 4.0	ND 4.0	ND 2.0	ND 1.0
Carbon Tetrachloride	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Chlorobenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Chloroethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 4.0	ND 4.0	ND 2.0	ND 1.0
Chloroform	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	2.1	ND 4.0	ND 4.0	ND 2.0	ND 1.0
Chloromethane	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 4.0	ND 4.0	ND 2.0	ND 1.0
cis-1,2-Dichloroethene	ug/l	ND 0.50	ND 0.50	0.52	0.55	ND 0.50	ND 0.50	ND 0.50	ND 0.50	44 F1	85	82	77	26
cis-1,3-Dichloropropene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Dibromochloromethane	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Ethylbenzene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
m-Xylene & p-Xylene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Methylene Chloride	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 4.0	ND 4.0	ND 2.0	ND 1.0
o-Xylene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Tetrachloroethene (PCE)	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Toluene	ug/l	ND 0.50	8.8	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
trans-1,2-Dichloroethene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
trans-1,3-Dichloropropene	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Trichloroethene (TCE)	ug/l	ND 0.50	ND 0.50	46	55	26	ND 0.50	ND 0.50	ND 0.50	56 F1	200	180	62	54
Trichlorofluoromethane (CFC 11)	ug/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 4.0	ND 4.0	ND 2.0	ND 1.0
Vinyl Chloride	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	8.9 F1	ND 2.0	ND 2.0	ND 1.0	ND 0.50
Xylenes, Total	ug/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.0	ND 2.0	ND 1.0	ND 0.50

Notes:

ND - Result was below the detection limit

*1 - LCS/LCSD RPD exceeds control limits

F1 - MS and/or MSD recovery exceeds control limits

TABLE 2
2021 GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS: MONITORING WELLS
THE COMPANIES OFFSITE OPERABLE UNIT

Location ID		S072A	S072B1	S073A	S073B1	S074B1	S075A2	S075B1	S076A	S076B1	S077A	S077B1	S078A	S078B1	S151A
Date Sampled		11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/15/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/15/2021	11/15/2021	11/15/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Result	Result	Result
1,1,1-Trichloroethane (TCA)	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
1,1,2,2-Tetrachloroethane	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
1,1,2-Trichloroethane	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
1,1,2-Trichlorotrifluoroethane (CFC 113)	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	6.3	ND 1.0	ND 2.0	ND 0.50	ND 0.50	6.9	31	ND 0.50	ND 0.50	ND 2.0
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	5.4	ND 0.50	ND 0.50	ND 2.0
1,2-Dichlorobenzene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	2.3	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
1,2-Dichloroethane	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
1,2-Dichloropropane	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
1,3-Dichlorobenzene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
1,4-Dichlorobenzene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Benzene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Bromodichloromethane	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Bromoform	ug/l	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 2.0	ND 10	ND 1.0	ND 1.0	ND 4.0
Bromomethane	ug/l	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 2.0	ND 10	ND 1.0	ND 1.0	ND 4.0
Carbon Tetrachloride	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Chlorobenzene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Chloroethane	ug/l	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 2.0	ND 10	ND 1.0	ND 1.0	ND 4.0
Chloroform	ug/l	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 2.0	ND 10	ND 1.0	ND 1.0	ND 4.0
Chloromethane	ug/l	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 2.0	ND 10	ND 1.0	ND 1.0	ND 4.0
cis-1,2-Dichloroethene	ug/l	15	15	6.1	55	80	71	25	27	7.2	67	120	3.6	ND 0.50	220
cis-1,3-Dichloropropene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Dibromochloromethane	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Ethylbenzene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
m-Xylene & p-Xylene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Methylene Chloride	ug/l	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 2.0	ND 10	ND 1.0	ND 1.0	ND 4.0
o-Xylene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Tetrachloroethene (PCE)	ug/l	ND 1.0	ND 2.0	1	ND 0.50	ND 2.5	1.4	ND 2.0	0.58	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Toluene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
trans-1,2-Dichloroethene	ug/l	ND 1.0	ND 2.0	ND 0.50	1.2	ND 2.5	1.2	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
trans-1,3-Dichloropropene	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Trichloroethene (TCE)	ug/l	94	120	39	1.3	260	91	170	73	7.6	68	300	49	ND 0.50	14
Trichlorofluoromethane (CFC 11)	ug/l	ND 2.0	ND 4.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 4.0	1.1	ND 1.0	ND 2.0	ND 10	ND 1.0	ND 1.0	ND 4.0
Vinyl Chloride	ug/l	ND 1.0	ND 2.0	ND 0.50	65	ND 2.5	ND 1.0	ND 2.0	ND 0.50	1.7	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0
Xylenes, Total	ug/l	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.0	ND 0.50	ND 0.50	ND 1.0	ND 5.0	ND 0.50	ND 0.50	ND 2.0

Notes:

ND - Result was below the detection limit

*1 - LCS/LCSD RPD exceeds control limits

F1 - MS and/or MSD recovery exceeds control limits

TABLE 2
2021 GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS: MONITORING WELLS
THE COMPANIES OFFSITE OPERABLE UNIT

Location ID		S152A
Date Sampled		11/15/2021
Sample Purpose		REG
Parameter Name	Report Units	Result
1,1,1-Trichloroethane (TCA)	ug/l	ND 2.0
1,1,2,2-Tetrachloroethane	ug/l	ND 2.0
1,1,2-Trichloroethane	ug/l	ND 2.0
1,1,2-Trichlorotrifluoroethane (CFC 113)	ug/l	ND 2.0
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 2.0
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 2.0
1,2-Dichlorobenzene	ug/l	ND 2.0
1,2-Dichloroethane	ug/l	ND 2.0
1,2-Dichloropropane	ug/l	ND 2.0
1,3-Dichlorobenzene	ug/l	ND 2.0
1,4-Dichlorobenzene	ug/l	ND 2.0
Benzene	ug/l	ND 2.0
Bromodichloromethane	ug/l	ND 2.0
Bromoform	ug/l	ND 4.0
Bromomethane	ug/l	ND 4.0
Carbon Tetrachloride	ug/l	ND 2.0
Chlorobenzene	ug/l	ND 2.0
Chloroethane	ug/l	ND 4.0
Chloroform	ug/l	ND 4.0
Chloromethane	ug/l	ND 4.0
cis-1,2-Dichloroethene	ug/l	150
cis-1,3-Dichloropropene	ug/l	ND 2.0
Dibromochloromethane	ug/l	ND 2.0
Ethylbenzene	ug/l	ND 2.0
m-Xylene & p-Xylene	ug/l	ND 2.0
Methylene Chloride	ug/l	ND 4.0
o-Xylene	ug/l	ND 2.0
Tetrachloroethene (PCE)	ug/l	ND 2.0
Toluene	ug/l	ND 2.0
trans-1,2-Dichloroethene	ug/l	2.1
trans-1,3-Dichloropropene	ug/l	ND 2.0
Trichloroethene (TCE)	ug/l	41
Trichlorofluoromethane (CFC 11)	ug/l	ND 4.0
Vinyl Chloride	ug/l	ND 2.0
Xylenes, Total	ug/l	ND 2.0

Notes:

ND - Result was below the detection limit

*1 - LCS/LCSD RPD exceeds control limits

F1 - MS and/or MSD recovery exceeds control limits

TABLE 1
2021 WATER ELEVATION REPORT
PHILIPS ELECTRONICS
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2021 Water Elevation (feet, msl)
440S*	A	31.45	NA
440T*	A	43.77	31.42
811T*	A	48.41	34.75
G4	A	46.89	NA
M2	A	47.85	NA
R2	A	48.49	37.22
S001A	A	49.30	41.50
S003A	A	47.24	36.73
S004A	A	44.92	35.23
S005A	A	41.44	34.17
S006A	A	46.09	36.96
S007A	A	45.89	37.53
S021AR	A	52.81	NA
S024A	A	47.44	38.18
S025A	A	44.73	31.44
S026A	A	44.93	31.45
S027A	A	43.89	36.11
S028A	A	45.12	36.38
S033A	A	47.54	38.00
S043A	A	42.69	32.39
S048A	A	42.81	32.78
S049A	A	45.20	34.44
S068A^	A	NA	NA
S069A^	A	NA	NA
S079A	A	42.37	35.51
S080A	A	42.82	35.98
S081A	A	43.52	36.67
S082A	A	44.66	36.64
S083A	A	44.42	36.25
S088A	A	46.18	32.37
S090A	A	44.05	37.12
S092A*	A	41.87	29.17
S100A*	A	42.32	32.49

TABLE 1
2021 WATER ELEVATION REPORT
PHILIPS ELECTRONICS
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2021 Water Elevation (feet, msl)
S101A*	A	41.99	30.49
S134A	A	46.51	38.04
S135A	A	43.47	32.59
S136A	A	49.26	36.34
S137A*	A	48.30	35.76
S138A*	A	48.95	35.64
S139A*	A	48.63	35.05
S140A*	A	49.01	35.18
S141A	A	49.51	34.56
S142A*	A	48.50	34.77
S143A*	A	48.12	34.84
S144A*	A	46.83	34.68
S145A*	A	48.98	35.35
S146A*	A	48.85	36.22
S157A	A	49.24	NA
S158A'	A	49.52	36.53
S159A'	A	49.37	35.42
S160A'	A	49.76	34.61
PZ012B1^	B1	NA	NA
PZ034B1	B1	44.57	30.84
PZ077B1	B1	43.45	32.74
S001B1	B1	49.61	44.07
S003B1	B1	48.04	37.06
S004B1	B1	45.05	35.24
S005B1	B1	41.17	33.36
S024B1	B1	47.36	37.81
S025B1	B1	44.40	29.26
S026B1	B1	44.54	31.84
S027B1	B1	43.56	35.95
S028B1	B1	45.82	36.08
S048B1	B1	42.63	32.49
S049B1	B1	45.47	38.67
S065B1	B1	43.52	33.73

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TABLE 1
2021 WATER ELEVATION REPORT
PHILIPS ELECTRONICS
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2021 Water Elevation (feet, msl)
S068B1^	B1	NA	NA
S069B1^	B1	NA	NA
S080B1	B1	42.76	34.37
S082B1	B1	44.58	NA
S100B1*	B1	41.45	31.60
S101B1*	B1	41.89	27.62
S111B1	B1	43.44	35.11
S133B1	B1	48.79	39.92
S134B1	B1	46.27	39.32
S141B1*	B1	48.50	37.06
S147B1*	B1	42.64	5.24
S148B1*	B1	42.05	4.85
S149B1*	B1	41.68	27.51
S153B1	B1	43.14	34.89
S154B1*	B1	42.90	28.36
S157B1	B1	49.14	43.57
PZ012B2^	B2	NA	NA
PZ022B2^	B2	NA	NA
PZ034B2	B2	44.60	31.50
PZ077B2	B2	43.32	35.99
S048B2*	B2	42.33	32.18
S154B2*	B2	44.18	28.78
PZ012B3^	B3	NA	NA
PZ034B3	B3	44.73	29.62
S003B3	B3	48.78	42.03
S005B3	B3	41.13	41.28
S048B3	B3	42.68	38.43
S101B3	B3	42.12	37.58
S154B3*	B3	44.26	23.72
S025B4	B4	44.25	42.08

TABLE 1
2021 WATER ELEVATION REPORT
PHILIPS ELECTRONICS
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2021 Water Elevation (feet, msl)
S100B4	B4	41.77	42.48
S101B4	B4	42.27	42.37

Notes:
* - Extraction well
^ - Well decommissioned
' - Well installed in 2020
msl - mean sea level
NA - Data not available
Active wells were resurveyed in December 2018

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		440S	440T	811T	S048B2	S048B2	S092A	S100A	S100B1
Date Sampled		10/21/2021	10/20/2021	10/20/2021	10/21/2021	10/21/2021	10/21/2021	10/21/2021	10/21/2021
Analysis Date		10/29/2921	10/29/2021	10/29/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	FD	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,1,2,2-Tetrachloroethane	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,1,2-Trichloroethane	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,1-Dichloroethane (1,1-DCA)	ug/l	0.56	ND 5.0	0.84	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,1-Dichloropropene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,3-Trichlorobenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,3-Trichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trichlorobenzene	ug/l	1.8	ND 10	ND 1.0	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
1,2,4-Trimethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dibromoethane (EDB)	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,2-Dichlorobenzene	ug/l	1.1	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,2-Dichloroethane	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,2-Dichloropropane	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,3,5-Trimethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
1,3-Dichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
2,2-Dichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Chlorotoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Hexanone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
4-Chlorotoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		440S	440T	811T	S048B2	S048B2	S092A	S100A	S100B1
Date Sampled		10/21/2021	10/20/2021	10/20/2021	10/21/2021	10/21/2021	10/21/2021	10/21/2021	10/21/2021
Analysis Date		10/29/2921	10/29/2021	10/29/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	FD	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Acetone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Benzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromobenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromochloromethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromodichloromethane	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
Bromoform	ug/l	ND 1.0	ND 10	ND 1.0	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
Bromomethane	ug/l	ND 1.0	ND 10	ND 1.0	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
Carbon Disulfide	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Tetrachloride	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
Chlorobenzene	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
Chloroethane	ug/l	ND 1.0	ND 10	5.3	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
Chloroform	ug/l	ND 1.0	ND 10	ND 1.0	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
Chloromethane	ug/l	ND 1.0	ND 10	ND 1.0	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
cis-1,2-Dichloroethene	ug/l	39	340	2	ND 10	ND 10	110	42	ND 10
cis-1,3-Dichloropropene	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
Dibromochloromethane	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
Dibromomethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Dichlorodifluoromethane (CFC 12)	ug/l	ND 1.0	ND 10	ND 1.0	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
Ethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Hexachlorobutadiene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Methyl Isobutyl Ketone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	ug/l	ND 1.0	ND 10	ND 1.0	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
MTBE	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		440S	440T	811T	S048B2	S048B2	S092A	S100A	S100B1
Date Sampled		10/21/2021	10/20/2021	10/20/2021	10/21/2021	10/21/2021	10/21/2021	10/21/2021	10/21/2021
Analysis Date		10/29/2921	10/29/2021	10/29/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	FD	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
sec-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Styrene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethene (PCE)	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	0.69	ND 10
Toluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	ND 0.50	ND 5.0	2.1	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
trans-1,3-Dichloropropene	ug/l	ND 0.50	ND 5.0	ND 0.50	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
Trichloroethene (TCE)	ug/l	25	210	2.8	510	480	59	49	520
Trichlorofluoromethane (CFC 11)	ug/l	ND 1.0	ND 10	ND 1.0	ND 20	ND 20	ND 2.0	ND 1.0	ND 20
Vinyl Acetate	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	ug/l	5.2	20	2.2	ND 10	ND 10	ND 1.0	ND 0.50	ND 10
Xylenes, Total	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S101A	S101B1	S137A	S138A	S138A	S139A	S140A	S141B1
Date Sampled		10/21/021	10/21/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021
Analysis Date		10/31/2021	10/31/2021	10/31/2021	10/29/2021	11/01/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	FD	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane (TCA)	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
1,1,2,2-Tetrachloroethane	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
1,1,2-Trichloroethane	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 1.0	ND 10	23	ND 250	140	ND 50	ND 1000	ND 25
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 1.0	ND 10	ND 10	ND 250	130	ND 50	ND 1000	49
1,1-Dichloropropene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,3-Trichlorobenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,3-Trichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trichlorobenzene	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
1,2,4-Trimethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dibromoethane (EDB)	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
1,2-Dichlorobenzene	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
1,2-Dichloroethane	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
1,2-Dichloropropane	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
1,3,5-Trimethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
1,3-Dichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
2,2-Dichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Chlorotoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Hexanone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
4-Chlorotoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S101A	S101B1	S137A	S138A	S138A	S139A	S140A	S141B1
Date Sampled		10/21/021	10/21/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021
Analysis Date		10/31/2021	10/31/2021	10/31/2021	10/29/2021	11/01/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	FD	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Acetone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Benzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromobenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromochloromethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromodichloromethane	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
Bromoform	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
Bromomethane	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
Carbon Disulfide	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Tetrachloride	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
Chlorobenzene	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
Chloroethane	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
Chloroform	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
Chloromethane	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
cis-1,2-Dichloroethene	ug/l	140	24	79	11000	7400	3700	57000	2400
cis-1,3-Dichloropropene	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
Dibromochloromethane	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
Dibromomethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Dichlorodifluoromethane (CFC 12)	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
Ethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Hexachlorobutadiene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Methyl Isobutyl Ketone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
MTBE	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S101A	S101B1	S137A	S138A	S138A	S139A	S140A	S141B1
Date Sampled		10/21/021	10/21/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021
Analysis Date		10/31/2021	10/31/2021	10/31/2021	10/29/2021	11/01/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	FD	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
sec-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Styrene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethene (PCE)	ug/l	1.3	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
Toluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	2.2	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	26
trans-1,3-Dichloropropene	ug/l	ND 1.0	ND 10	ND 10	ND 250	ND 100	ND 50	ND 1000	ND 25
Trichloroethene (TCE)	ug/l	76	630	ND 10	ND 250	320	ND 50	ND 1000	2900
Trichlorofluoromethane (CFC 11)	ug/l	ND 2.0	ND 20	ND 20	ND 500	ND 200	ND 100	ND 2000	ND 50
Vinyl Acetate	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	ug/l	ND 1.0	ND 10	560	1900	2600	270	1700	ND 25
Xylenes, Total	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S142A	S143A	S144A	S145A	S146A	S147B1	S148B1	S149B1
Date Sampled		10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/21/2021	10/21/2021
Analysis Date		10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,1,2,2-Tetrachloroethane	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,1,2-Trichloroethane	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,1-Dichloroethane (1,1-DCA)	ug/l	8.1	6.1	4.1	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,1-Dichloropropene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,3-Trichlorobenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,3-Trichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trichlorobenzene	ug/l	ND 1.0	ND 1.0	ND 2.0	ND 100	ND 200	ND 20	ND 40	ND 10
1,2,4-Trimethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dibromoethane (EDB)	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,2-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,2-Dichloroethane	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,2-Dichloropropane	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,3,5-Trimethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
1,3-Dichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
2,2-Dichloropropane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Butanone (MEK)	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Chlorotoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
2-Hexanone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
4-Chlorotoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S142A	S143A	S144A	S145A	S146A	S147B1	S148B1	S149B1
Date Sampled		10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/21/2021	10/21/2021
Analysis Date		10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Acetone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Benzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromobenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromochloromethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Bromodichloromethane	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
Bromoform	ug/l	ND 1.0	ND 1.0	ND 2.0	ND 100	ND 200	ND 20	ND 40	ND 10
Bromomethane	ug/l	ND 1.0	ND 1.0	ND 2.0	ND 100	ND 200	ND 20	ND 40	ND 10
Carbon Disulfide	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Tetrachloride	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
Chlorobenzene	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
Chloroethane	ug/l	7.3	5.3	2.2	ND 100	ND 200	ND 20	ND 40	ND 10
Chloroform	ug/l	ND 1.0	ND 1.0	ND 2.0	ND 100	ND 200	ND 20	ND 40	ND 10
Chloromethane	ug/l	ND 1.0	ND 1.0	ND 2.0	ND 100	ND 200	ND 20	ND 40	ND 10
cis-1,2-Dichloroethene	ug/l	10	48	67	3900	4700	690	350	22
cis-1,3-Dichloropropene	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
Dibromochloromethane	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
Dibromomethane	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Dichlorodifluoromethane (CFC 12)	ug/l	ND 1.0	ND 1.0	ND 2.0	ND 100	ND 200	ND 20	ND 40	ND 10
Ethylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Hexachlorobutadiene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Methyl Isobutyl Ketone	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	ug/l	ND 1.0	ND 1.0	ND 2.0	ND 100	ND 200	ND 20	ND 40	ND 10
MTBE	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S142A	S143A	S144A	S145A	S146A	S147B1	S148B1	S149B1
Date Sampled		10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/20/2021	10/21/2021	10/21/2021
Analysis Date		10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021	10/31/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
sec-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Styrene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethene (PCE)	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
Toluene	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	4.6	6.2	2.8	ND 50	ND 100	ND 10	ND 20	ND 5.0
trans-1,3-Dichloropropene	ug/l	ND 0.50	ND 0.50	ND 1.0	ND 50	ND 100	ND 10	ND 20	ND 5.0
Trichloroethene (TCE)	ug/l	1.5	6.2	16	ND 50	1100	660	1800	390
Trichlorofluoromethane (CFC 11)	ug/l	ND 1.0	ND 1.0	ND 2.0	ND 100	ND 200	ND 20	ND 40	ND 10
Vinyl Acetate	ug/l	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	ug/l	17	83	24	490	130	ND 10	ND 20	ND 5.0
Xylenes, Total	ug/l	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S154B1	S154B2	S154B3
Date Sampled		10/20/2021	10/20/2021	10/20/2021
Analysis Date		11/01/2021	11/01/2021	11/01/2021
Sample Purpose		REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	NT	NT	NT
1,1,1-Trichloroethane (TCA)	ug/l	ND 25	ND 1.0	ND 0.50
1,1,2,2-Tetrachloroethane	ug/l	ND 25	ND 1.0	ND 0.50
1,1,2-Trichloroethane	ug/l	ND 25	ND 1.0	ND 0.50
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 25	ND 1.0	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 25	ND 1.0	ND 0.50
1,1-Dichloropropene	ug/l	NT	NT	NT
1,2,3-Trichlorobenzene	ug/l	NT	NT	NT
1,2,3-Trichloropropane	ug/l	NT	NT	NT
1,2,4-Trichlorobenzene	ug/l	ND 50	ND 2.0	ND 1.0
1,2,4-Trimethylbenzene	ug/l	NT	NT	NT
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	NT	NT	NT
1,2-Dibromoethane (EDB)	ug/l	ND 25	ND 1.0	ND 0.50
1,2-Dichlorobenzene	ug/l	ND 25	ND 1.0	ND 0.50
1,2-Dichloroethane	ug/l	ND 25	ND 1.0	ND 0.50
1,2-Dichloropropane	ug/l	ND 25	ND 1.0	ND 0.50
1,3,5-Trimethylbenzene	ug/l	NT	NT	NT
1,3-Dichlorobenzene	ug/l	ND 25	ND 1.0	ND 0.50
1,3-Dichloropropane	ug/l	NT	NT	NT
1,4-Dichlorobenzene	ug/l	ND 25	ND 1.0	ND 0.50
2,2-Dichloropropane	ug/l	NT	NT	NT
2-Butanone (MEK)	ug/l	NT	NT	NT
2-Chlorotoluene	ug/l	NT	NT	NT
2-Hexanone	ug/l	NT	NT	NT
4-Chlorotoluene	ug/l	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S154B1	S154B2	S154B3
Date Sampled		10/20/2021	10/20/2021	10/20/2021
Analysis Date		11/01/2021	11/01/2021	11/01/2021
Sample Purpose		REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	NT	NT	NT
Acetone	ug/l	NT	NT	NT
Benzene	ug/l	NT	NT	NT
Bromobenzene	ug/l	NT	NT	NT
Bromochloromethane	ug/l	NT	NT	NT
Bromodichloromethane	ug/l	ND 25	ND 1.0	ND 0.50
Bromoform	ug/l	ND 50	ND 2.0	ND 1.0
Bromomethane	ug/l	ND 50	ND 2.0	ND 1.0
Carbon Disulfide	ug/l	NT	NT	NT
Carbon Tetrachloride	ug/l	ND 25	ND 1.0	ND 0.50
Chlorobenzene	ug/l	ND 25	ND 1.0	ND 0.50
Chloroethane	ug/l	ND 50	ND 2.0	ND 1.0
Chloroform	ug/l	ND 50	ND 2.0	ND 1.0
Chloromethane	ug/l	ND 50	ND 2.0	ND 1.0
cis-1,2-Dichloroethene	ug/l	ND 25	ND 1.0	1.0 F1
cis-1,3-Dichloropropene	ug/l	ND 25	ND 1.0	ND 0.50
Dibromochloromethane	ug/l	ND 25	ND 1.0	ND 0.50
Dibromomethane	ug/l	NT	NT	NT
Dichlorodifluoromethane (CFC 12)	ug/l	ND 50	ND 2.0	ND 1.0
Ethylbenzene	ug/l	NT	NT	NT
Hexachlorobutadiene	ug/l	NT	NT	NT
Isopropylbenzene	ug/l	NT	NT	NT
Methyl Isobutyl Ketone	ug/l	NT	NT	NT
Methylene Chloride	ug/l	ND 50	ND 2.0	ND 1.0
MTBE	ug/l	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: EXTRACTION WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S154B1	S154B2	S154B3
Date Sampled		10/20/2021	10/20/2021	10/20/2021
Analysis Date		11/01/2021	11/01/2021	11/01/2021
Sample Purpose		REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	NT	NT	NT
n-Propylbenzene	ug/l	NT	NT	NT
Naphthalene	ug/l	NT	NT	NT
sec-Butylbenzene	ug/l	NT	NT	NT
Styrene	ug/l	NT	NT	NT
tert-Butylbenzene	ug/l	NT	NT	NT
Tetrachloroethene (PCE)	ug/l	ND 25	ND 1.0	ND 0.50
Toluene	ug/l	NT	NT	NT
trans-1,2-Dichloroethene	ug/l	ND 25	ND 1.0	ND 0.50
trans-1,3-Dichloropropene	ug/l	ND 25	ND 1.0	ND 0.50
Trichloroethene (TCE)	ug/l	1500	130	1.9 F1
Trichlorofluoromethane (CFC 11)	ug/l	ND 50	ND 2.0	ND 1.0
Vinyl Acetate	ug/l	NT	NT	NT
Vinyl Chloride	ug/l	ND 25	ND 1.0	ND 0.50
Xylenes, Total	ug/l	NT	NT	NT

Notes:
ND - Result was below the detection limit
NT - Sample not tested for given parameter
J - Estimated value below RL but above MDL
b - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S001A	S001B1	S003A	S003B1	S004B1	S005A	S005B1	S005B1
Date Sampled		11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/05/2021	11/05/2021	11/05/2021
Analysis Date		11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/18/2021	11/17/2021	11/18/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	FD	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	ND 0.10	ND 0.10	ND 0.40	ND 0.10	ND 0.10	ND 0.40	ND 1.0	ND 1.0
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.10	ND 0.10	ND 0.40	ND 0.10	ND 0.10	ND 0.40	ND 1.0	ND 1.0
1,1,2,2-Tetrachloroethane	ug/l	ND 0.11	ND 0.11	ND 0.44	ND 0.11	ND 0.11	ND 0.44	ND 1.1	ND 1.1
1,1,2-Trichloroethane	ug/l	ND 0.12	ND 0.12	ND 0.48	ND 0.12	ND 0.12	ND 0.48	ND 1.2	ND 1.2
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 0.10	ND 0.10	5	0.10 J	ND 0.10	ND 0.40	ND 1.0	ND 1.0
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.13	ND 0.13	0.89 J	ND 0.13	ND 0.13	ND 0.52	ND 1.3	ND 1.3
1,1-Dichloropropene	ug/l	ND 0.12	ND 0.12	ND 0.48	ND 0.12	ND 0.12	ND 0.48	ND 1.2	ND 1.2
1,2,3-Trichlorobenzene	ug/l	ND 0.40	ND 0.40	ND 1.6	ND 0.40	ND 0.40	ND 1.6	ND 4.0	ND 4.0
1,2,3-Trichloropropane	ug/l	ND 0.13	ND 0.13	ND 0.52	ND 0.13	ND 0.13	ND 0.52	ND 1.3	ND 1.3
1,2,4-Trichlorobenzene	ug/l	ND 0.25	ND 0.25	ND 1.0	ND 0.25	ND 0.25	ND 1.0	ND 2.5	ND 2.5
1,2,4-Trimethylbenzene	ug/l	ND 0.32	ND 0.32	ND 1.3	ND 0.32	ND 0.32	ND 1.3	ND 3.2	ND 3.2
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	ND 0.20	ND 0.20	ND 0.80	ND 0.20	ND 0.20	ND 0.80	ND 2.0	ND 2.0
1,2-Dibromoethane (EDB)	ug/l	ND 0.12	ND 0.12	ND 0.48	ND 0.12	ND 0.12	ND 0.48	ND 1.2	ND 1.2
1,2-Dichlorobenzene	ug/l	ND 0.097	ND 0.097	0.52 J	0.45 J	ND 0.097	ND 0.39	ND 0.97	ND 0.97
1,2-Dichloroethane	ug/l	ND 0.14	ND 0.14	ND 0.56	ND 0.14	ND 0.14	ND 0.56	ND 1.4	ND 1.4
1,2-Dichloropropane	ug/l	ND 0.15	ND 0.15	ND 0.60	ND 0.15	ND 0.15	ND 0.60	ND 1.5	ND 1.5
1,3,5-Trimethylbenzene	ug/l	ND 0.16	ND 0.16	ND 0.64	ND 0.16	ND 0.16	ND 0.64	ND 1.6	ND 1.6
1,3-Dichlorobenzene	ug/l	ND 0.086	ND 0.086	ND 0.34	ND 0.086	ND 0.086	ND 0.34	ND 0.86	ND 0.86
1,3-Dichloropropane	ug/l	ND 0.10	ND 0.10	ND 0.40	ND 0.10	ND 0.10	ND 0.40	ND 1.0	ND 1.0
1,4-Dichlorobenzene	ug/l	ND 0.083	ND 0.083	ND 0.33	ND 0.083	ND 0.083	ND 0.33	ND 0.83	ND 0.83
2,2-Dichloropropane	ug/l	ND 0.46	ND 0.46	ND 1.8	ND 0.46	ND 0.46	ND 1.8	ND 4.6	ND 4.6
2-Butanone (MEK)	ug/l	ND 0.33	ND 0.33	ND 1.3	ND 0.33	ND 0.33	ND 1.3	ND 3.3	ND 3.3
2-Chlorotoluene	ug/l	ND 0.11	ND 0.11	ND 0.44	ND 0.11	ND 0.11	ND 0.44	ND 1.1	ND 1.1
2-Hexanone	ug/l	ND 0.17	ND 0.17	ND 0.68	ND 0.17	ND 0.17	ND 0.68	ND 1.7	ND 1.7
4-Chlorotoluene	ug/l	ND 0.10	ND 0.10	ND 0.40	ND 0.10	ND 0.10	ND 0.40	ND 1.0	ND 1.0

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S001A	S001B1	S003A	S003B1	S004B1	S005A	S005B1	S005B1
Date Sampled		11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/05/2021	11/05/2021	11/05/2021
Analysis Date		11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/18/2021	11/17/2021	11/18/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	FD	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	ND 0.15	ND 0.15	ND 0.60	ND 0.15	ND 0.15	ND 0.60	ND 1.5	ND 1.5
Acetone	ug/l	ND 3.8	ND 3.8	ND 15	ND 3.8	ND 3.8	ND 15	ND 38	ND 38
Benzene	ug/l	ND 0.080	ND 0.080	ND 0.32	ND 0.080	ND 0.080	ND 0.32	ND 0.80	ND 0.80
Bromobenzene	ug/l	ND 0.091	ND 0.091	ND 0.36	ND 0.091	ND 0.091	ND 0.36	ND 0.91	ND 0.91
Bromochloromethane	ug/l	ND 0.18	ND 0.18	ND 0.72	ND 0.18	ND 0.18	ND 0.72	ND 1.8	ND 1.8
Bromodichloromethane	ug/l	ND 0.14	ND 0.14	ND 0.56	ND 0.14	ND 0.14	ND 0.56	ND 1.4	ND 1.4
Bromoform	ug/l	ND 0.19	ND 0.19	ND 0.76	ND 0.19	ND 0.19	ND 0.76	ND 1.9	ND 1.9
Bromomethane	ug/l	ND 0.21	ND 0.21	ND 0.84	ND 0.21	ND 0.21	ND 0.84	ND 2.1	ND 2.1
Carbon Disulfide	ug/l	ND 0.36	ND 0.36	ND 1.4	ND 0.36	ND 0.36	ND 1.4	ND 3.6	ND 3.6
Carbon Tetrachloride	ug/l	ND 0.12	ND 0.12	ND 0.48	ND 0.12	ND 0.12	ND 0.48	ND 1.2	ND 1.2
Chlorobenzene	ug/l	ND 0.070	ND 0.070	ND 0.28	ND 0.070	ND 0.070	ND 0.28	ND 0.70	ND 0.70
Chloroethane	ug/l	ND 0.24	ND 0.24	ND 0.96	ND 0.24	ND 0.24	ND 0.96	ND 2.4	ND 2.4
Chloroform	ug/l	ND 0.12	ND 0.12	ND 0.48	ND 0.12	ND 0.12	ND 0.48	ND 1.2	ND 1.2
Chloromethane	ug/l	ND 0.26	ND 0.26	ND 1.0	ND 0.26	ND 0.26	ND 1.0	ND 2.6	ND 2.6
cis-1,2-Dichloroethene	ug/l	0.21 J	ND 0.18	200	0.63	ND 0.18	78	220	200
cis-1,3-Dichloropropene	ug/l	ND 0.15	ND 0.15	ND 0.60	ND 0.15	ND 0.15	ND 0.60	ND 1.5	ND 1.5
Dibromochloromethane	ug/l	ND 0.16	ND 0.16	ND 0.64	ND 0.16	ND 0.16	ND 0.64	ND 1.6	ND 1.6
Dibromomethane	ug/l	ND 0.17	ND 0.17	ND 0.68	ND 0.17	ND 0.17	ND 0.68	ND 1.7	ND 1.7
Dichlorodifluoromethane (CFC 12)	ug/l	ND 0.32	ND 0.32	ND 1.3	ND 0.32	ND 0.32	ND 1.3	ND 3.2	ND 3.2
Ethylbenzene	ug/l	ND 0.084	ND 0.084	ND 0.34	ND 0.084	ND 0.084	ND 0.34	ND 0.84	ND 0.84
Hexachlorobutadiene	ug/l	ND 0.23	ND 0.23	ND 0.92	ND 0.23	ND 0.23	ND 0.92	ND 2.3	ND 2.3
Isopropylbenzene	ug/l	ND 0.11	ND 0.11	ND 0.44	ND 0.11	ND 0.11	ND 0.44	ND 1.1	ND 1.1
Methyl Isobutyl Ketone	ug/l	ND 0.11	ND 0.11	ND 0.44	ND 0.11	ND 0.11	ND 0.44	ND 1.1	ND 1.1
Methylene Chloride	ug/l	ND 0.16	ND 0.16	ND 0.64	ND 0.16	ND 0.16	ND 0.64	ND 1.6	ND 1.6
MTBE	ug/l	ND 0.12	ND 0.12	ND 0.48	ND 0.12	ND 0.12	ND 0.48	ND 1.2	ND 1.2

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S001A	S001B1	S003A	S003B1	S004B1	S005A	S005B1	S005B1
Date Sampled		11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/05/2021	11/05/2021	11/05/2021
Analysis Date		11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/18/2021	11/17/2021	11/18/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	FD	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	ND 0.18	ND 0.18	ND 0.72	ND 0.18	ND 0.18	ND 0.72	ND 1.8	ND 1.8
n-Propylbenzene	ug/l	ND 0.11	ND 0.11	ND 0.44	ND 0.11	ND 0.11	ND 0.44	ND 1.1	ND 1.1
Naphthalene	ug/l	ND 0.48	ND 0.48	ND 1.9	ND 0.48	ND 0.48	ND 1.9	ND 4.8	ND 4.8
sec-Butylbenzene	ug/l	ND 0.14	ND 0.14	ND 0.56	ND 0.14	ND 0.14	ND 0.56	ND 1.4	ND 1.4
Styrene	ug/l	ND 0.13	ND 0.13	ND 0.52	ND 0.13	ND 0.13	ND 0.52	ND 1.3	ND 1.3
tert-Butylbenzene	ug/l	ND 0.13	ND 0.13	ND 0.52	ND 0.13	ND 0.13	ND 0.52	ND 1.3	ND 1.3
Tetrachloroethene (PCE)	ug/l	ND 0.10	ND 0.10	ND 0.40	ND 0.10	ND 0.10	2.3	2.4 J	1.9 J
Toluene	ug/l	ND 0.095	ND 0.095	ND 0.38	ND 0.095	ND 0.095	ND 0.38	ND 0.95	ND 0.95
trans-1,2-Dichloroethene	ug/l	ND 0.11	ND 0.11	2.4	ND 0.11	ND 0.11	0.89 J	1.9 J	ND 1.1
trans-1,3-Dichloropropene	ug/l	ND 0.16	ND 0.16	ND 0.64	ND 0.16	ND 0.16	ND 0.64	ND 1.6	ND 1.6
Trichloroethene (TCE)	ug/l	4.9	3.1	8.5	0.81	ND 0.10	170	340	320
Trichlorofluoromethane (CFC 11)	ug/l	ND 0.13	ND 0.13	ND 0.52	ND 0.13	ND 0.13	ND 0.52	ND 1.3	ND 1.3
Vinyl Acetate	ug/l	ND 0.19	ND 0.19	ND 0.76	ND 0.19	ND 0.19	ND 0.76	ND 1.9	ND 1.9
Vinyl Chloride	ug/l	ND 0.18	ND 0.18	4.9	ND 0.18	ND 0.18	ND 0.72	ND 1.8	ND 1.8
Xylenes, Total	ug/l	ND 0.27	ND 0.27	ND 1.1	ND 0.27	ND 0.27	ND 1.1	ND 2.7	ND 2.7

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S005B3	S006A	S007A	S024A	S024B1	S025A	S025B1	S025B1
Date Sampled		11/05/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Analysis Date		11/18/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/15/2021	11/14/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	FD	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	ND 0.10	ND 0.10	ND 2.0	ND 0.10	ND 0.20	ND 1.0	ND 10	ND 5.0
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.10	ND 0.10	ND 2.0	0.11 J	ND 0.20	ND 1.0	ND 10	ND 5.0
1,1,2,2-Tetrachloroethane	ug/l	ND 0.11	ND 0.11	ND 2.2	ND 0.11	ND 0.22	ND 1.1	ND 11	ND 5.5
1,1,2-Trichloroethane	ug/l	ND 0.12	ND 0.12	ND 2.4	ND 0.12	ND 0.24	ND 1.2	ND 12	ND 6.0
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 0.10	0.6	ND 2.0	0.14 J	0.20 J	2.6 J	ND 10	ND 5.0
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.13	ND 0.13	ND 2.6	ND 0.13	0.39 J	ND 1.3	ND 13	ND 6.5
1,1-Dichloropropene	ug/l	ND 0.12	ND 0.12	ND 2.4	ND 0.12	ND 0.24	ND 1.2	ND 12	ND 6.0
1,2,3-Trichlorobenzene	ug/l	ND 0.40	ND 0.40	ND 8.0	ND 0.40	ND 0.80	ND 4.0	ND 40	ND 20
1,2,3-Trichloropropane	ug/l	ND 0.13	ND 0.13	ND 2.6	ND 0.13	ND 0.26	ND 1.3	ND 13	ND 6.5
1,2,4-Trichlorobenzene	ug/l	ND 0.25	ND 0.25	ND 5.0	ND 0.25	ND 0.50	ND 2.5	ND 25	ND 13
1,2,4-Trimethylbenzene	ug/l	ND 0.32	ND 0.32	ND 6.4	ND 0.32	ND 0.64	ND 3.2	ND 32	ND 16
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	ND 0.20	ND 0.20	ND 4.0	ND 0.20	ND 0.40	ND 2.0	ND 20	ND 10
1,2-Dibromoethane (EDB)	ug/l	ND 0.12	ND 0.12	ND 2.4	ND 0.12	ND 0.24	ND 1.2	ND 12	ND 6.0
1,2-Dichlorobenzene	ug/l	ND 0.097	24	24	0.15 J	ND 0.19	ND 0.97	ND 9.7	ND 4.9
1,2-Dichloroethane	ug/l	ND 0.14	ND 0.14	ND 2.8	ND 0.14	ND 0.28	ND 1.4	ND 14	ND 7.0
1,2-Dichloropropane	ug/l	ND 0.15	ND 0.15	ND 3.0	ND 0.15	ND 0.30	ND 1.5	ND 15	ND 7.5
1,3,5-Trimethylbenzene	ug/l	ND 0.16	ND 0.16	ND 3.2	ND 0.16	ND 0.32	ND 1.6	ND 16	ND 8.0
1,3-Dichlorobenzene	ug/l	ND 0.086	0.23 J	ND 1.7	ND 0.086	ND 0.17	ND 0.86	ND 8.6	ND 4.3
1,3-Dichloropropane	ug/l	ND 0.10	ND 0.10	ND 2.0	ND 0.10	ND 0.20	ND 1.0	ND 10	ND 5.0
1,4-Dichlorobenzene	ug/l	ND 0.083	1.7	ND 1.7	ND 0.083	ND 0.17	ND 0.83	ND 8.3	ND 4.2
2,2-Dichloropropane	ug/l	ND 0.46	ND 0.46	ND 9.2	ND 0.46	ND 0.92	ND 4.6	ND 46	ND 23
2-Butanone (MEK)	ug/l	ND 0.33	ND 0.33	ND 6.6	ND 0.33	ND 0.66	ND 3.3	ND 33	ND 17
2-Chlorotoluene	ug/l	ND 0.11	ND 0.11	ND 2.2	ND 0.11	ND 0.22	ND 1.1	ND 11	ND 5.5
2-Hexanone	ug/l	ND 0.17	ND 0.17	ND 3.4	ND 0.17	ND 0.34	ND 1.7	ND 17	ND 8.5
4-Chlorotoluene	ug/l	ND 0.10	ND 0.10	ND 2.0	ND 0.10	ND 0.20	ND 1.0	ND 10	ND 5.0

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S005B3	S006A	S007A	S024A	S024B1	S025A	S025B1	S025B1
Date Sampled		11/05/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Analysis Date		11/18/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/15/2021	11/14/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	FD	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	ND 0.15	ND 0.15	ND 3.0	ND 0.15	ND 0.30	ND 1.5	ND 15	ND 7.5
Acetone	ug/l	ND 3.8	ND 3.8	ND 76	ND 3.8	ND 7.6	ND 38	ND 380	ND 190
Benzene	ug/l	ND 0.080	ND 0.080	ND 1.6	ND 0.080	ND 0.16	ND 0.80	ND 8.0	ND 4.0
Bromobenzene	ug/l	ND 0.091	ND 0.091	ND 1.8	ND 0.091	ND 0.18	ND 0.91	ND 9.1	ND 4.6
Bromochloromethane	ug/l	ND 0.18	ND 0.18	ND 3.6	ND 0.18	ND 0.36	ND 1.8	ND 18	ND 9.0
Bromodichloromethane	ug/l	ND 0.14	ND 0.14	ND 2.8	ND 0.14	ND 0.28	ND 1.4	ND 14	ND 7.0
Bromoform	ug/l	ND 0.19	ND 0.19	ND 3.8	ND 0.19	ND 0.38	ND 1.9	ND 19	ND 9.5
Bromomethane	ug/l	ND 0.21	ND 0.21	ND 4.2	ND 0.21	ND 0.42	ND 2.1	ND 21	ND 11
Carbon Disulfide	ug/l	ND 0.36	ND 0.36	ND 7.2	ND 0.36	ND 0.72	ND 3.6	ND 36	ND 18
Carbon Tetrachloride	ug/l	ND 0.12	ND 0.12	ND 2.4	ND 0.12	ND 0.24	ND 1.2	ND 12	ND 6.0
Chlorobenzene	ug/l	ND 0.070	16	ND 1.4	ND 0.070	ND 0.14	ND 0.70	ND 7.0	ND 3.5
Chloroethane	ug/l	ND 0.24	ND 0.24	ND 4.8	ND 0.24	ND 0.48	ND 2.4	ND 24	ND 12
Chloroform	ug/l	ND 0.12	ND 0.12	ND 2.4	ND 0.12	ND 0.24	ND 1.2	ND 12	ND 6.0
Chloromethane	ug/l	ND 0.26	ND 0.26	ND 5.2	ND 0.26	ND 0.52	ND 2.6	ND 26	ND 13
cis-1,2-Dichloroethene	ug/l	ND 0.18	36	480	0.82	3.7	540	1900	1500
cis-1,3-Dichloropropene	ug/l	ND 0.15	ND 0.15	ND 3.0	ND 0.15	ND 0.30	ND 1.5	ND 15	ND 7.5
Dibromochloromethane	ug/l	ND 0.16	ND 0.16	ND 3.2	ND 0.16	ND 0.32	ND 1.6	ND 16	ND 8.0
Dibromomethane	ug/l	ND 0.17	ND 0.17	ND 3.4	ND 0.17	ND 0.34	ND 1.7	ND 17	ND 8.5
Dichlorodifluoromethane (CFC 12)	ug/l	ND 0.32	ND 0.32	ND 6.4	ND 0.32	ND 0.64	ND 3.2	ND 32	ND 16
Ethylbenzene	ug/l	ND 0.084	ND 0.084	ND 1.7	ND 0.084	ND 0.17	ND 0.84	ND 8.4	ND 4.2
Hexachlorobutadiene	ug/l	ND 0.23	ND 0.23	ND 4.6	ND 0.23	ND 0.46	ND 2.3	ND 23	ND 12
Isopropylbenzene	ug/l	ND 0.11	ND 0.11	ND 2.2	ND 0.11	ND 0.22	ND 1.1	ND 11	ND 5.5
Methyl Isobutyl Ketone	ug/l	ND 0.11	ND 0.11	ND 2.2	ND 0.11	ND 0.22	ND 1.1	ND 11	ND 5.5
Methylene Chloride	ug/l	ND 0.16	ND 0.16	ND 3.2	ND 0.16	ND 0.32	ND 1.6	ND 16	ND 8.0
MTBE	ug/l	ND 0.12	ND 0.12	ND 2.4	ND 0.12	ND 0.24	ND 1.2	ND 12	ND 6.0

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S005B3	S006A	S007A	S024A	S024B1	S025A	S025B1	S025B1
Date Sampled		11/05/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Analysis Date		11/18/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/15/2021	11/14/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	FD	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	ND 0.18	ND 0.18	ND 3.6	ND 0.18	ND 0.36	ND 1.8	ND 18	ND 9.0
n-Propylbenzene	ug/l	ND 0.11	ND 0.11	ND 2.2	ND 0.11	ND 0.22	ND 1.1	ND 11	ND 5.5
Naphthalene	ug/l	ND 0.48	ND 0.48	ND 9.6	ND 0.48	ND 0.96	ND 4.8	ND 48	ND 24
sec-Butylbenzene	ug/l	ND 0.14	ND 0.14	ND 2.8	ND 0.14	ND 0.28	ND 1.4	ND 14	ND 7.0
Styrene	ug/l	ND 0.13	ND 0.13	ND 2.6	ND 0.13	ND 0.26	ND 1.3	ND 13	ND 6.5
tert-Butylbenzene	ug/l	ND 0.13	ND 0.13	ND 2.6	ND 0.13	ND 0.26	ND 1.3	ND 13	ND 6.5
Tetrachloroethene (PCE)	ug/l	ND 0.10	ND 0.10	ND 2.0	0.13 J	ND 0.20	ND 1.0	ND 10	ND 5.0
Toluene	ug/l	ND 0.095	ND 0.095	ND 1.9	ND 0.095	ND 0.19	ND 0.95	ND 9.5	ND 4.8
trans-1,2-Dichloroethene	ug/l	ND 0.11	1.5	23	ND 0.11	ND 0.22	4.6 J	30 J	15 J
trans-1,3-Dichloropropene	ug/l	ND 0.16	ND 0.16	ND 3.2	ND 0.16	ND 0.32	ND 1.6	ND 16	ND 8.0
Trichloroethene (TCE)	ug/l	0.19 J	ND 0.10	20	15	81	22	44 J	39
Trichlorofluoromethane (CFC 11)	ug/l	ND 0.13	ND 0.13	ND 2.6	ND 0.13	ND 0.26	ND 1.3	ND 13	ND 6.5
Vinyl Acetate	ug/l	ND 0.19	ND 0.19	ND 3.8	ND 0.19	ND 0.38	ND 1.9	ND 19	ND 9.5
Vinyl Chloride	ug/l	ND 0.18	73	ND 3.6	ND 0.18	ND 0.36	160	22 J	25
Xylenes, Total	ug/l	ND 0.27	ND 0.27	ND 5.4	ND 0.27	ND 0.54	ND 2.7	ND 27	ND 14

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S025B4	S026A	S026B1	S027A	S027B1	S028A	S028B1	S033A
Date Sampled		11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/02/2021	11/02/2021	11/03/2021
Analysis Date		11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/15/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	ND 0.10	ND 0.10	ND 0.10	ND 0.10	ND 0.10	ND 0.50	ND 0.40	ND 0.10
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.10	ND 0.10	ND 0.10	0.27 J	ND 0.10	ND 0.50	ND 0.40	ND 0.10
1,1,2,2-Tetrachloroethane	ug/l	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.55	ND 0.44	ND 0.11
1,1,2-Trichloroethane	ug/l	ND 0.12	ND 0.12	ND 0.12	ND 0.12	ND 0.12	ND 0.60	ND 0.48	ND 0.12
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 0.10	ND 0.10	ND 0.10	0.17 J	0.97	ND 0.50	1.7 J	ND 0.10
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.13	ND 0.13	ND 0.13	0.15 J	1	ND 0.65	1.3 J	ND 0.13
1,1-Dichloropropene	ug/l	ND 0.12	ND 0.12	ND 0.12	ND 0.12	ND 0.12	ND 0.60	ND 0.48	ND 0.12
1,2,3-Trichlorobenzene	ug/l	ND 0.40	ND 0.40	ND 0.40	ND 0.40	ND 0.40	ND 2.0	ND 1.6	ND 0.40
1,2,3-Trichloropropane	ug/l	ND 0.13	ND 0.13	ND 0.13	ND 0.13	ND 0.13	ND 0.65	ND 0.52	ND 0.13
1,2,4-Trichlorobenzene	ug/l	ND 0.25	ND 0.25	ND 0.25	ND 0.25	0.68 J	ND 1.3	ND 1.0	ND 0.25
1,2,4-Trimethylbenzene	ug/l	ND 0.32	ND 0.32	ND 0.32	ND 0.32	ND 0.32	ND 1.6	ND 1.3	ND 0.32
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	ND 0.20	ND 0.20	ND 0.20	ND 0.20	ND 0.20	ND 1.0	ND 0.80	ND 0.20
1,2-Dibromoethane (EDB)	ug/l	ND 0.12	ND 0.12	ND 0.12	ND 0.12	ND 0.12	ND 0.60	ND 0.48	ND 0.12
1,2-Dichlorobenzene	ug/l	ND 0.097	ND 0.097	ND 0.097	ND 0.097	1.5	ND 0.49	ND 0.39	ND 0.097
1,2-Dichloroethane	ug/l	ND 0.14	ND 0.14	ND 0.14	ND 0.14	ND 0.14	ND 0.70	ND 0.56	ND 0.14
1,2-Dichloropropane	ug/l	ND 0.15	ND 0.15	ND 0.15	ND 0.15	ND 0.15	ND 0.75	ND 0.60	ND 0.15
1,3,5-Trimethylbenzene	ug/l	ND 0.16	ND 0.16	ND 0.16	ND 0.16	ND 0.16	ND 0.80	ND 0.64	ND 0.16
1,3-Dichlorobenzene	ug/l	ND 0.086	ND 0.086	ND 0.086	ND 0.086	ND 0.086	ND 0.43	ND 0.34	ND 0.086
1,3-Dichloropropane	ug/l	ND 0.10	ND 0.10	ND 0.10	ND 0.10	ND 0.10	ND 0.50	ND 0.40	ND 0.10
1,4-Dichlorobenzene	ug/l	ND 0.083	ND 0.083	ND 0.083	ND 0.083	ND 0.083	ND 0.42	ND 0.33	ND 0.083
2,2-Dichloropropane	ug/l	ND 0.46	ND 0.46	ND 0.46	ND 0.46	ND 0.46	ND 2.3	ND 1.8	ND 0.46
2-Butanone (MEK)	ug/l	ND 0.33	ND 0.33	ND 0.33	ND 0.33	ND 0.33	ND 1.7	ND 1.3	ND 0.33
2-Chlorotoluene	ug/l	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.55	ND 0.44	ND 0.11
2-Hexanone	ug/l	ND 0.17	ND 0.17	ND 0.17	ND 0.17	ND 0.17	ND 0.85	ND 0.68	ND 0.17
4-Chlorotoluene	ug/l	ND 0.10	ND 0.10	ND 0.10	ND 0.10	ND 0.10	ND 0.50	ND 0.40	ND 0.10

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S025B4	S026A	S026B1	S027A	S027B1	S028A	S028B1	S033A
Date Sampled		11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/02/2021	11/02/2021	11/03/2021
Analysis Date		11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/15/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	ND 0.15	ND 0.15	ND 0.15	ND 0.15	ND 0.15	ND 0.75	ND 0.60	ND 0.15
Acetone	ug/l	ND 3.8	ND 3.8	ND 3.8	ND 3.8	ND 3.8	ND 19	ND 15	ND 3.8
Benzene	ug/l	0.17 J	ND 0.080	ND 0.080	ND 0.080	ND 0.080	ND 0.40	ND 0.32	ND 0.080
Bromobenzene	ug/l	ND 0.091	ND 0.091	ND 0.091	ND 0.091	ND 0.091	ND 0.46	ND 0.36	ND 0.091
Bromochloromethane	ug/l	ND 0.18	ND 0.18	ND 0.18	ND 0.18	ND 0.18	ND 0.90	ND 0.72	ND 0.18
Bromodichloromethane	ug/l	ND 0.14	ND 0.14	ND 0.14	ND 0.14	ND 0.14	ND 0.70	ND 0.56	ND 0.14
Bromoform	ug/l	ND 0.19	ND 0.19	ND 0.19	ND 0.19	ND 0.19	ND 0.95	ND 0.76	ND 0.19
Bromomethane	ug/l	ND 0.21	ND 0.21	ND 0.21	ND 0.21	ND 0.21	ND 1.1	ND 0.84	ND 0.21
Carbon Disulfide	ug/l	ND 0.36	ND 0.36	ND 0.36	ND 0.36	ND 0.36	ND 1.8	ND 1.4	ND 0.36
Carbon Tetrachloride	ug/l	ND 0.12	ND 0.12	ND 0.12	ND 0.12	ND 0.12	ND 0.60	ND 0.48	ND 0.12
Chlorobenzene	ug/l	ND 0.070	ND 0.070	ND 0.070	ND 0.070	ND 0.070	ND 0.35	ND 0.28	ND 0.070
Chloroethane	ug/l	ND 0.24	ND 0.24	ND 0.24	ND 0.24	ND 0.24	ND 1.2	ND 0.96	ND 0.24
Chloroform	ug/l	ND 0.12	0.24 J	ND 0.12	0.21 J	ND 0.12	ND 0.60	ND 0.48	ND 0.12
Chloromethane	ug/l	ND 0.26	ND 0.26	ND 0.26	ND 0.26	ND 0.26	ND 1.3	ND 1.0	ND 0.26
cis-1,2-Dichloroethene	ug/l	ND 0.18	ND 0.18	2.5	5.1	68	160	180	0.46 J
cis-1,3-Dichloropropene	ug/l	ND 0.15	ND 0.15	ND 0.15	ND 0.15	ND 0.15	ND 0.75	ND 0.60	ND 0.15
Dibromochloromethane	ug/l	ND 0.16	ND 0.16	ND 0.16	ND 0.16	ND 0.16	ND 0.80	ND 0.64	ND 0.16
Dibromomethane	ug/l	ND 0.17	ND 0.17	ND 0.17	ND 0.17	ND 0.17	ND 0.85	ND 0.68	ND 0.17
Dichlorodifluoromethane (CFC 12)	ug/l	ND 0.32	ND 0.32	ND 0.32	ND 0.32	ND 0.32	ND 1.6	ND 1.3	ND 0.32
Ethylbenzene	ug/l	ND 0.084	ND 0.084	ND 0.084	ND 0.084	ND 0.084	ND 0.42	ND 0.34	ND 0.084
Hexachlorobutadiene	ug/l	ND 0.23	ND 0.23	ND 0.23	ND 0.23	ND 0.23	ND 1.2	ND 0.92	ND 0.23
Isopropylbenzene	ug/l	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.55	ND 0.44	ND 0.11
Methyl Isobutyl Ketone	ug/l	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.55	ND 0.44	ND 0.11
Methylene Chloride	ug/l	ND 0.16	ND 0.16	ND 0.16	ND 0.16	ND 0.16	ND 0.80	ND 0.64	ND 0.16
MTBE	ug/l	ND 0.12	ND 0.12	ND 0.12	ND 0.12	0.64	ND 0.60	ND 0.48	ND 0.12

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S025B4	S026A	S026B1	S027A	S027B1	S028A	S028B1	S033A
Date Sampled		11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/02/2021	11/02/2021	11/03/2021
Analysis Date		11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/14/2021	11/15/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	ND 0.18	ND 0.18	ND 0.18	ND 0.18	ND 0.18	ND 0.90	ND 0.72	ND 0.18
n-Propylbenzene	ug/l	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.11	ND 0.55	ND 0.44	ND 0.11
Naphthalene	ug/l	ND 0.48	ND 0.48	ND 0.48	ND 0.48	ND 0.48	ND 2.4	ND 1.9	ND 0.48
sec-Butylbenzene	ug/l	ND 0.14	ND 0.14	ND 0.14	ND 0.14	ND 0.14	ND 0.70	ND 0.56	ND 0.14
Styrene	ug/l	ND 0.13	ND 0.13	ND 0.13	ND 0.13	ND 0.13	ND 0.65	ND 0.52	ND 0.13
tert-Butylbenzene	ug/l	ND 0.13	ND 0.13	ND 0.13	ND 0.13	ND 0.13	ND 0.65	ND 0.52	ND 0.13
Tetrachloroethene (PCE)	ug/l	ND 0.10	ND 0.10	ND 0.10	1.6	0.33 J	ND 0.50	ND 0.40	ND 0.10
Toluene	ug/l	ND 0.095	ND 0.095	ND 0.095	ND 0.095	ND 0.095	ND 0.48	ND 0.38	ND 0.095
trans-1,2-Dichloroethene	ug/l	ND 0.11	ND 0.11	ND 0.11	ND 0.11	5.7	ND 0.55	0.80 J	ND 0.11
trans-1,3-Dichloropropene	ug/l	ND 0.16	ND 0.16	ND 0.16	ND 0.16	ND 0.16	ND 0.80	ND 0.64	ND 0.16
Trichloroethene (TCE)	ug/l	ND 0.10	0.36 J	0.41 J	40	40	3	41	13
Trichlorofluoromethane (CFC 11)	ug/l	ND 0.13	ND 0.13	ND 0.13	ND 0.13	ND 0.13	ND 0.65	ND 0.52	ND 0.13
Vinyl Acetate	ug/l	ND 0.19	ND 0.19	ND 0.19	ND 0.19	ND 0.19	ND 0.95	ND 0.76	ND 0.19
Vinyl Chloride	ug/l	ND 0.18	ND 0.18	ND 0.18	ND 0.18	ND 0.18	ND 0.90	ND 0.72	ND 0.18
Xylenes, Total	ug/l	ND 0.27	ND 0.27	ND 0.27	ND 0.27	ND 0.27	ND 1.4	ND 1.1	ND 0.27

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S043A	S048A	S048B1	S048B3	S049A	S049B1	S065B1	S079A
Date Sampled		11/03/2021	11/04/2021	11/04/2021	11/04/2021	11/02/2021	11/02/2021	11/03/2021	11/03/2021
Analysis Date		11/15/2021	11/16/2021	11/16/2021	11/16/2021	11/12/2021	11/12/2021	11/15/2021	11/14/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	ND 2.0	ND 0.50	ND 1.0	ND 0.10	ND 2.0	ND 0.10	ND 2.0	ND 0.10
1,1,1-Trichloroethane (TCA)	ug/l	ND 2.0	ND 0.50	ND 1.0	ND 0.10	ND 2.0	ND 0.10	ND 2.0	ND 0.10
1,1,2,2-Tetrachloroethane	ug/l	ND 2.2	ND 0.55	ND 1.1	ND 0.11	ND 2.2	ND 0.11	ND 2.2	ND 0.11
1,1,2-Trichloroethane	ug/l	ND 2.4	ND 0.60	ND 1.2	ND 0.12	ND 2.4	ND 0.12	ND 2.4	ND 0.12
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 2.0	ND 0.50	ND 1.0	ND 0.10	3.3 J	ND 0.10	ND 2.0	0.12 J
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 2.6	ND 0.65	ND 1.3	ND 0.13	ND 2.6	ND 0.13	ND 2.6	ND 0.13
1,1-Dichloropropene	ug/l	ND 2.4	ND 0.60	ND 1.2	ND 0.12	ND 2.4	ND 0.12	ND 2.4	ND 0.12
1,2,3-Trichlorobenzene	ug/l	ND 8.0	ND 2.0	ND 4.0	ND 0.40	ND 8.0	ND 0.40	ND 8.0	ND 0.40
1,2,3-Trichloropropane	ug/l	ND 2.6	ND 0.65	ND 1.3	ND 0.13	ND 2.6	ND 0.13	ND 2.6	ND 0.13
1,2,4-Trichlorobenzene	ug/l	ND 5.0	ND 1.3	ND 2.5	ND 0.25	ND 5.0	ND 0.25	ND 5.0	ND 0.25
1,2,4-Trimethylbenzene	ug/l	ND 6.4	ND 1.6	ND 3.2	ND 0.32	ND 6.4	ND 0.32	ND 6.4	ND 0.32
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	ND 4.0	ND 1.0	ND 2.0	ND 0.20	ND 4.0	ND 0.20	ND 4.0	ND 0.20
1,2-Dibromoethane (EDB)	ug/l	ND 2.4	ND 0.60	ND 1.2	ND 0.12	ND 2.4	ND 0.12	ND 2.4	ND 0.12
1,2-Dichlorobenzene	ug/l	ND 1.9	ND 0.49	ND 0.97	ND 0.097	ND 1.9	ND 0.097	2.8 J	ND 0.097
1,2-Dichloroethane	ug/l	ND 2.8	ND 0.70	ND 1.4	ND 0.14	ND 2.8	ND 0.14	ND 2.8	ND 0.14
1,2-Dichloropropane	ug/l	ND 3.0	ND 0.75	ND 1.5	ND 0.15	ND 3.0	ND 0.15	ND 3.0	ND 0.15
1,3,5-Trimethylbenzene	ug/l	ND 3.2	ND 0.80	ND 1.6	ND 0.16	ND 3.2	ND 0.16	ND 3.2	ND 0.16
1,3-Dichlorobenzene	ug/l	ND 1.7	ND 0.43	ND 0.86	ND 0.086	ND 1.7	ND 0.086	ND 1.7	ND 0.086
1,3-Dichloropropane	ug/l	ND 2.0	ND 0.50	ND 1.0	ND 0.10	ND 2.0	ND 0.10	ND 2.0	ND 0.10
1,4-Dichlorobenzene	ug/l	ND 1.7	ND 0.42	ND 0.83	ND 0.083	ND 1.7	ND 0.083	ND 1.7	ND 0.083
2,2-Dichloropropane	ug/l	ND 9.2	ND 2.3	ND 4.6	ND 0.46	ND 9.2	ND 0.46	ND 9.2	ND 0.46
2-Butanone (MEK)	ug/l	ND 6.6	ND 1.7	ND 3.3	ND 0.33	ND 6.6	ND 0.33	ND 6.6	ND 0.33
2-Chlorotoluene	ug/l	ND 2.2	ND 0.55	ND 1.1	ND 0.11	ND 2.2	ND 0.11	ND 2.2	ND 0.11
2-Hexanone	ug/l	ND 3.4	ND 0.85	ND 1.7	ND 0.17	ND 3.4	ND 0.17	ND 3.4	ND 0.17
4-Chlorotoluene	ug/l	ND 2.0	ND 0.50	ND 1.0	ND 0.10	ND 2.0	ND 0.10	ND 2.0	ND 0.10

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S043A	S048A	S048B1	S048B3	S049A	S049B1	S065B1	S079A
Date Sampled		11/03/2021	11/04/2021	11/04/2021	11/04/2021	11/02/2021	11/02/2021	11/03/2021	11/03/2021
Analysis Date		11/15/2021	11/16/2021	11/16/2021	11/16/2021	11/12/2021	11/12/2021	11/15/2021	11/14/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	ND 3.0	ND 0.75	ND 1.5	ND 0.15	ND 3.0	ND 0.15	ND 3.0	ND 0.15
Acetone	ug/l	ND 76	ND 19	ND 38	ND 3.8	ND 76	ND 3.8	ND 76	ND 3.8
Benzene	ug/l	ND 1.6	ND 0.40	ND 0.80	ND 0.080	ND 1.6	ND 0.080	ND 1.6	ND 0.080
Bromobenzene	ug/l	ND 1.8	ND 0.46	ND 0.91	ND 0.091	ND 1.8	ND 0.091	ND 1.8	ND 0.091
Bromochloromethane	ug/l	ND 3.6	ND 0.90	ND 1.8	ND 0.18	ND 3.6	ND 0.18	ND 3.6	ND 0.18
Bromodichloromethane	ug/l	ND 2.8	ND 0.70	ND 1.4	ND 0.14	ND 2.8	ND 0.14	ND 2.8	ND 0.14
Bromoform	ug/l	ND 3.8	ND 0.95	ND 1.9	ND 0.19	ND 3.8	ND 0.19	ND 3.8	ND 0.19
Bromomethane	ug/l	ND 4.2	ND 1.1	ND 2.1	ND 0.21	ND 4.2	ND 0.21	ND 4.2	ND 0.21
Carbon Disulfide	ug/l	ND 7.2	ND 1.8	ND 3.6	ND 0.36	ND 7.2	ND 0.36	ND 7.2	ND 0.36
Carbon Tetrachloride	ug/l	ND 2.4	ND 0.60	ND 1.2	ND 0.12	ND 2.4	ND 0.12	ND 2.4	ND 0.12
Chlorobenzene	ug/l	ND 1.4	ND 0.35	ND 0.70	ND 0.070	ND 1.4	ND 0.070	ND 1.4	ND 0.070
Chloroethane	ug/l	ND 4.8	ND 1.2	ND 2.4	ND 0.24	8.2 J	ND 0.24	ND 4.8	ND 0.24
Chloroform	ug/l	ND 2.4	ND 0.60	ND 1.2	ND 0.12	ND 2.4	ND 0.12	ND 2.4	0.58 J
Chloromethane	ug/l	ND 5.2	ND 1.3	ND 2.6	ND 0.26	ND 5.2	ND 0.26	ND 5.2	ND 0.26
cis-1,2-Dichloroethene	ug/l	660	290	150	ND 0.18	870	0.24 J	9.5 J	7.5
cis-1,3-Dichloropropene	ug/l	ND 3.0	ND 0.75	ND 1.5	ND 0.15	ND 3.0	ND 0.15	ND 3.0	ND 0.15
Dibromochloromethane	ug/l	ND 3.2	ND 0.80	ND 1.6	ND 0.16	ND 3.2	ND 0.16	ND 3.2	ND 0.16
Dibromomethane	ug/l	ND 3.4	ND 0.85	ND 1.7	ND 0.17	ND 3.4	ND 0.17	ND 3.4	ND 0.17
Dichlorodifluoromethane (CFC 12)	ug/l	ND 6.4	ND 1.6	ND 3.2	ND 0.32	ND 6.4	ND 0.32	ND 6.4	ND 0.32
Ethylbenzene	ug/l	ND 1.7	ND 0.42	ND 0.84	ND 0.084	ND 1.7	ND 0.084	ND 1.7	ND 0.084
Hexachlorobutadiene	ug/l	ND 4.6	ND 1.2	ND 2.3	ND 0.23	ND 4.6	ND 0.23	ND 4.6	ND 0.23
Isopropylbenzene	ug/l	ND 2.2	ND 0.55	ND 1.1	ND 0.11	ND 2.2	ND 0.11	ND 2.2	ND 0.11
Methyl Isobutyl Ketone	ug/l	ND 2.2	ND 0.55	ND 1.1	ND 0.11	ND 2.2	ND 0.11	ND 2.2	ND 0.11
Methylene Chloride	ug/l	ND 3.2	ND 0.80	ND 1.6	ND 0.16	ND 3.2	ND 0.16	ND 3.2	ND 0.16
MTBE	ug/l	ND 2.4	ND 0.60	ND 1.2	ND 0.12	ND 2.4	ND 0.12	ND 2.4	ND 0.12

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S043A	S048A	S048B1	S048B3	S049A	S049B1	S065B1	S079A
Date Sampled		11/03/2021	11/04/2021	11/04/2021	11/04/2021	11/02/2021	11/02/2021	11/03/2021	11/03/2021
Analysis Date		11/15/2021	11/16/2021	11/16/2021	11/16/2021	11/12/2021	11/12/2021	11/15/2021	11/14/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	ND 3.6	ND 0.90	ND 1.8	ND 0.18	ND 3.6	ND 0.18	ND 3.6	ND 0.18
n-Propylbenzene	ug/l	ND 2.2	ND 0.55	ND 1.1	ND 0.11	ND 2.2	ND 0.11	ND 2.2	ND 0.11
Naphthalene	ug/l	ND 9.6	ND 2.4	ND 4.8	ND 0.48	ND 9.6	ND 0.48	ND 9.6	ND 0.48
sec-Butylbenzene	ug/l	ND 2.8	ND 0.70	ND 1.4	ND 0.14	ND 2.8	ND 0.14	ND 2.8	ND 0.14
Styrene	ug/l	ND 2.6	ND 0.65	ND 1.3	ND 0.13	ND 2.6	ND 0.13	ND 2.6	ND 0.13
tert-Butylbenzene	ug/l	ND 2.6	ND 0.65	ND 1.3	ND 0.13	ND 2.6	ND 0.13	ND 2.6	ND 0.13
Tetrachloroethene (PCE)	ug/l	ND 2.0	2.3 J	ND 1.0	ND 0.10	ND 2.0	ND 0.10	ND 2.0	0.21 J
Toluene	ug/l	ND 1.9	ND 0.48	ND 0.95	ND 0.095	ND 1.9	ND 0.095	ND 1.9	ND 0.095
trans-1,2-Dichloroethene	ug/l	ND 2.2	1.8 J	ND 1.1	ND 0.11	6.3 J	ND 0.11	ND 2.2	0.12 J
trans-1,3-Dichloropropene	ug/l	ND 3.2	ND 0.80	ND 1.6	ND 0.16	ND 3.2	ND 0.16	ND 3.2	ND 0.16
Trichloroethene (TCE)	ug/l	9.7 J	29	280	ND 0.10	11	15	820	36
Trichlorofluoromethane (CFC 11)	ug/l	ND 2.6	ND 0.65	ND 1.3	ND 0.13	ND 2.6	ND 0.13	ND 2.6	ND 0.13
Vinyl Acetate	ug/l	ND 3.8	ND 0.95	ND 1.9	ND 0.19	ND 3.8	ND 0.19	ND 3.8	ND 0.19
Vinyl Chloride	ug/l	17	ND 0.90	ND 1.8	ND 0.18	46	ND 0.18	ND 3.6	ND 0.18
Xylenes, Total	ug/l	ND 5.4	ND 1.4	ND 2.7	ND 0.27	ND 5.4	ND 0.27	ND 5.4	ND 0.27

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S080A	S080B1	S081A	S082A	S083A	S088A	S100B4	S101B3
Date Sampled		11/03/2021	11/03/2021	11/02/2021	11/03/2021	11/03/2021	11/03/2021	11/05/2021	11/05/2021
Analysis Date		11/15/2021	11/15/2021	11/12/2021	11/15/2021	11/14/2021	11/15/2021	11/18/2021	11/19/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	ND 5.0	ND 2.0	ND 0.10	ND 0.20	ND 0.10	ND 2.0	ND 0.10	ND 0.10
1,1,1-Trichloroethane (TCA)	ug/l	ND 5.0	ND 2.0	ND 0.10	ND 0.20	ND 0.10	ND 2.0	ND 0.10	ND 0.10
1,1,2,2-Tetrachloroethane	ug/l	ND 5.5	ND 2.2	ND 0.11	ND 0.22	ND 0.11	ND 2.2	ND 0.11	ND 0.11
1,1,2-Trichloroethane	ug/l	ND 6.0	ND 2.4	ND 0.12	ND 0.24	ND 0.12	ND 2.4	ND 0.12	ND 0.12
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 5.0	ND 2.0	ND 0.10	ND 0.20	0.23 J	ND 2.0	ND 0.10	ND 0.10
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 6.5	ND 2.6	ND 0.13	ND 0.26	0.27 J	ND 2.6	ND 0.13	ND 0.13
1,1-Dichloropropene	ug/l	ND 6.0	ND 2.4	ND 0.12	ND 0.24	ND 0.12	ND 2.4	ND 0.12	ND 0.12
1,2,3-Trichlorobenzene	ug/l	ND 20	ND 8.0	ND 0.40	ND 0.80	ND 0.40	ND 8.0	ND 0.40	ND 0.40
1,2,3-Trichloropropane	ug/l	ND 6.5	ND 2.6	ND 0.13	ND 0.26	ND 0.13	ND 2.6	ND 0.13	ND 0.13
1,2,4-Trichlorobenzene	ug/l	ND 13	ND 5.0	ND 0.25	ND 0.50	ND 0.25	ND 5.0	ND 0.25	ND 0.25
1,2,4-Trimethylbenzene	ug/l	ND 16	ND 6.4	ND 0.32	ND 0.64	ND 0.32	ND 6.4	ND 0.32	ND 0.32
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	ND 10	ND 4.0	ND 0.20	ND 0.40	ND 0.20	ND 4.0	ND 0.20	ND 0.20
1,2-Dibromoethane (EDB)	ug/l	ND 6.0	ND 2.4	ND 0.12	ND 0.24	ND 0.12	ND 2.4	ND 0.12	ND 0.12
1,2-Dichlorobenzene	ug/l	ND 4.9	ND 1.9	ND 0.097	0.29 J	0.77	ND 1.9	ND 0.097	ND 0.097
1,2-Dichloroethane	ug/l	ND 7.0	ND 2.8	ND 0.14	ND 0.28	ND 0.14	ND 2.8	ND 0.14	ND 0.14
1,2-Dichloropropane	ug/l	ND 7.5	ND 3.0	ND 0.15	ND 0.30	ND 0.15	ND 3.0	ND 0.15	ND 0.15
1,3,5-Trimethylbenzene	ug/l	ND 8.0	ND 3.2	ND 0.16	ND 0.32	ND 0.16	ND 3.2	ND 0.16	ND 0.16
1,3-Dichlorobenzene	ug/l	ND 4.3	ND 1.7	ND 0.086	ND 0.17	ND 0.086	ND 1.7	ND 0.086	ND 0.086
1,3-Dichloropropane	ug/l	ND 5.0	ND 2.0	ND 0.10	ND 0.20	ND 0.10	ND 2.0	ND 0.10	ND 0.10
1,4-Dichlorobenzene	ug/l	ND 4.2	ND 1.7	ND 0.083	ND 0.17	ND 0.083	ND 1.7	ND 0.083	ND 0.083
2,2-Dichloropropane	ug/l	ND 23	ND 9.2	ND 0.46	ND 0.92	ND 0.46	ND 9.2	ND 0.46	ND 0.46
2-Butanone (MEK)	ug/l	ND 17	ND 6.6	ND 0.33	ND 0.66	ND 0.33	ND 6.6	ND 0.33	ND 0.33
2-Chlorotoluene	ug/l	ND 5.5	ND 2.2	ND 0.11	ND 0.22	ND 0.11	ND 2.2	ND 0.11	ND 0.11
2-Hexanone	ug/l	ND 8.5	ND 3.4	ND 0.17	ND 0.34	ND 0.17	ND 3.4	ND 0.17	ND 0.17
4-Chlorotoluene	ug/l	ND 5.0	ND 2.0	ND 0.10	ND 0.20	ND 0.10	ND 2.0	ND 0.10	ND 0.10

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S080A	S080B1	S081A	S082A	S083A	S088A	S100B4	S101B3
Date Sampled		11/03/2021	11/03/2021	11/02/2021	11/03/2021	11/03/2021	11/03/2021	11/05/2021	11/05/2021
Analysis Date		11/15/2021	11/15/2021	11/12/2021	11/15/2021	11/14/2021	11/15/2021	11/18/2021	11/19/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	ND 7.5	ND 3.0	ND 0.15	ND 0.30	ND 0.15	ND 3.0	ND 0.15	ND 0.15
Acetone	ug/l	ND 190	ND 76	ND 3.8	ND 7.6	ND 3.8	ND 76	ND 3.8	ND 3.8
Benzene	ug/l	ND 4.0	ND 1.6	ND 0.080	ND 0.16	ND 0.080	ND 1.6	ND 0.080	ND 0.080
Bromobenzene	ug/l	ND 4.6	ND 1.8	ND 0.091	ND 0.18	ND 0.091	ND 1.8	ND 0.091	ND 0.091
Bromochloromethane	ug/l	ND 9.0	ND 3.6	ND 0.18	ND 0.36	ND 0.18	ND 3.6	ND 0.18	ND 0.18
Bromodichloromethane	ug/l	ND 7.0	ND 2.8	ND 0.14	ND 0.28	ND 0.14	ND 2.8	ND 0.14	ND 0.14
Bromoform	ug/l	ND 9.5	ND 3.8	ND 0.19	ND 0.38	ND 0.19	ND 3.8	ND 0.19	ND 0.19
Bromomethane	ug/l	ND 11	ND 4.2	ND 0.21	ND 0.42	ND 0.21	ND 4.2	ND 0.21	ND 0.21
Carbon Disulfide	ug/l	ND 18	ND 7.2	ND 0.36	ND 0.72	ND 0.36	ND 7.2	ND 0.36	ND 0.36
Carbon Tetrachloride	ug/l	ND 6.0	ND 2.4	ND 0.12	ND 0.24	ND 0.12	ND 2.4	ND 0.12	ND 0.12
Chlorobenzene	ug/l	ND 3.5	ND 1.4	ND 0.070	ND 0.14	ND 0.070	ND 1.4	ND 0.070	ND 0.070
Chloroethane	ug/l	ND 12	ND 4.8	ND 0.24	ND 0.48	ND 0.24	ND 4.8	ND 0.24	ND 0.24
Chloroform	ug/l	ND 6.0	ND 2.4	ND 0.12	ND 0.24	0.14 J	ND 2.4	ND 0.12	ND 0.12
Chloromethane	ug/l	ND 13	ND 5.2	ND 0.26	ND 0.52	ND 0.26	ND 5.2	ND 0.26	ND 0.26
cis-1,2-Dichloroethene	ug/l	870	4.5 J	20	96	28	610	ND 0.18	ND 0.18
cis-1,3-Dichloropropene	ug/l	ND 7.5	ND 3.0	ND 0.15	ND 0.30	ND 0.15	ND 3.0	ND 0.15	ND 0.15
Dibromochloromethane	ug/l	ND 8.0	ND 3.2	ND 0.16	ND 0.32	ND 0.16	ND 3.2	ND 0.16	ND 0.16
Dibromomethane	ug/l	ND 8.5	ND 3.4	ND 0.17	ND 0.34	ND 0.17	ND 3.4	ND 0.17	ND 0.17
Dichlorodifluoromethane (CFC 12)	ug/l	ND 16	ND 6.4	ND 0.32	ND 0.64	ND 0.32	ND 6.4	ND 0.32	ND 0.32
Ethylbenzene	ug/l	ND 4.2	ND 1.7	ND 0.084	ND 0.17	ND 0.084	ND 1.7	ND 0.084	ND 0.084
Hexachlorobutadiene	ug/l	ND 12	ND 4.6	ND 0.23	ND 0.46	ND 0.23	ND 4.6	ND 0.23	ND 0.23
Isopropylbenzene	ug/l	ND 5.5	ND 2.2	ND 0.11	ND 0.22	ND 0.11	ND 2.2	ND 0.11	ND 0.11
Methyl Isobutyl Ketone	ug/l	ND 5.5	ND 2.2	ND 0.11	ND 0.22	ND 0.11	ND 2.2	ND 0.11	ND 0.11
Methylene Chloride	ug/l	ND 8.0	ND 3.2	ND 0.16	ND 0.32	ND 0.16	ND 3.2	ND 0.16	ND 0.16
MTBE	ug/l	ND 6.0	ND 2.4	ND 0.12	ND 0.24	ND 0.12	ND 2.4	ND 0.12	ND 0.12

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S080A	S080B1	S081A	S082A	S083A	S088A	S100B4	S101B3
Date Sampled		11/03/2021	11/03/2021	11/02/2021	11/03/2021	11/03/2021	11/03/2021	11/05/2021	11/05/2021
Analysis Date		11/15/2021	11/15/2021	11/12/2021	11/15/2021	11/14/2021	11/15/2021	11/18/2021	11/19/2021
Sample Purpose		REG	REG	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	ND 9.0	ND 3.6	ND 0.18	ND 0.36	ND 0.18	ND 3.6	ND 0.18	ND 0.18
n-Propylbenzene	ug/l	ND 5.5	ND 2.2	ND 0.11	ND 0.22	ND 0.11	ND 2.2	ND 0.11	ND 0.11
Naphthalene	ug/l	ND 24	ND 9.6	ND 0.48	ND 0.96	ND 0.48	ND 9.6	ND 0.48	ND 0.48
sec-Butylbenzene	ug/l	ND 7.0	ND 2.8	ND 0.14	ND 0.28	ND 0.14	ND 2.8	ND 0.14	ND 0.14
Styrene	ug/l	ND 6.5	ND 2.6	ND 0.13	ND 0.26	ND 0.13	ND 2.6	ND 0.13	ND 0.13
tert-Butylbenzene	ug/l	ND 6.5	ND 2.6	ND 0.13	ND 0.26	ND 0.13	ND 2.6	ND 0.13	ND 0.13
Tetrachloroethene (PCE)	ug/l	ND 5.0	2.3 J	ND 0.10	0.80 J	3.4	ND 2.0	ND 0.10	ND 0.10
Toluene	ug/l	ND 4.8	ND 1.9	ND 0.095	ND 0.19	ND 0.095	ND 1.9	ND 0.095	ND 0.095
trans-1,2-Dichloroethene	ug/l	ND 5.5	ND 2.2	0.28 J	0.77 J	0.74	ND 2.2	ND 0.11	ND 0.11
trans-1,3-Dichloropropene	ug/l	ND 8.0	ND 3.2	ND 0.16	ND 0.32	ND 0.16	ND 3.2	ND 0.16	ND 0.16
Trichloroethene (TCE)	ug/l	160	530	3	31	62	ND 2.0	ND 0.10	0.82
Trichlorofluoromethane (CFC 11)	ug/l	ND 6.5	ND 2.6	ND 0.13	ND 0.26	ND 0.13	ND 2.6	ND 0.13	ND 0.13
Vinyl Acetate	ug/l	ND 9.5	ND 3.8	ND 0.19	ND 0.38	ND 0.19	ND 3.8	ND 0.19	ND 0.19
Vinyl Chloride	ug/l	ND 9.0	ND 3.6	ND 0.18	1.5	ND 0.18	19	ND 0.18	ND 0.18
Xylenes, Total	ug/l	ND 14	ND 5.4	ND 0.27	ND 0.54	ND 0.27	ND 5.4	ND 0.27	ND 0.27

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S101B4	S111B1	S111B1	S133B1	S134A	S135A	S136A	S141A
Date Sampled		11/04/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/03/2021	11/02/2021	11/02/2021
Analysis Date		11/16/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/15/2021	11/12/2021	11/12/2021
Sample Purpose		REG	FD	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	ND 0.10	ND 1.0	ND 0.50	ND 0.10	ND 0.20	ND 0.50	ND 2.0	ND 2.0
1,1,1-Trichloroethane (TCA)	ug/l	ND 0.10	ND 1.0	ND 0.50	ND 0.10	ND 0.20	ND 0.50	ND 2.0	ND 2.0
1,1,2,2-Tetrachloroethane	ug/l	ND 0.11	ND 1.1	ND 0.55	ND 0.11	ND 0.22	ND 0.55	ND 2.2	ND 2.2
1,1,2-Trichloroethane	ug/l	ND 0.12	ND 1.2	ND 0.60	ND 0.12	ND 0.24	ND 0.60	ND 2.4	ND 2.4
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 0.10	ND 1.0	ND 0.50	ND 0.10	5.2	ND 0.50	25	5.1 J
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 0.13	ND 1.3	ND 0.65	ND 0.13	1.4	ND 0.65	ND 2.6	ND 2.6
1,1-Dichloropropene	ug/l	ND 0.12	ND 1.2	ND 0.60	ND 0.12	ND 0.24	ND 0.60	ND 2.4	ND 2.4
1,2,3-Trichlorobenzene	ug/l	ND 0.40	ND 4.0	ND 2.0	ND 0.40	ND 0.80	ND 2.0	ND 8.0	ND 8.0
1,2,3-Trichloropropane	ug/l	ND 0.13	ND 1.3	ND 0.65	ND 0.13	ND 0.26	ND 0.65	ND 2.6	ND 2.6
1,2,4-Trichlorobenzene	ug/l	ND 0.25	ND 2.5	ND 1.3	ND 0.25	ND 0.50	ND 1.3	ND 5.0	ND 5.0
1,2,4-Trimethylbenzene	ug/l	ND 0.32	ND 3.2	ND 1.6	ND 0.32	ND 0.64	ND 1.6	ND 6.4	ND 6.4
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	ND 0.20	ND 2.0	ND 1.0	ND 0.20	ND 0.40	ND 1.0	ND 4.0	ND 4.0
1,2-Dibromoethane (EDB)	ug/l	ND 0.12	ND 1.2	ND 0.60	ND 0.12	ND 0.24	ND 0.60	ND 2.4	ND 2.4
1,2-Dichlorobenzene	ug/l	ND 0.097	ND 0.97	ND 0.49	ND 0.097	4.2	ND 0.49	ND 1.9	ND 1.9
1,2-Dichloroethane	ug/l	ND 0.14	ND 1.4	ND 0.70	ND 0.14	ND 0.28	ND 0.70	ND 2.8	ND 2.8
1,2-Dichloropropane	ug/l	ND 0.15	ND 1.5	ND 0.75	ND 0.15	ND 0.30	ND 0.75	ND 3.0	ND 3.0
1,3,5-Trimethylbenzene	ug/l	ND 0.16	ND 1.6	ND 0.80	ND 0.16	ND 0.32	ND 0.80	ND 3.2	ND 3.2
1,3-Dichlorobenzene	ug/l	ND 0.086	ND 0.86	ND 0.43	ND 0.086	ND 0.17	ND 0.43	ND 1.7	ND 1.7
1,3-Dichloropropane	ug/l	ND 0.10	ND 1.0	ND 0.50	ND 0.10	ND 0.20	ND 0.50	ND 2.0	ND 2.0
1,4-Dichlorobenzene	ug/l	ND 0.083	ND 0.83	ND 0.42	ND 0.083	ND 0.17	ND 0.42	ND 1.7	ND 1.7
2,2-Dichloropropane	ug/l	ND 0.46	ND 4.6	ND 2.3	ND 0.46	ND 0.92	ND 2.3	ND 9.2	ND 9.2
2-Butanone (MEK)	ug/l	ND 0.33	ND 3.3	ND 1.7	ND 0.33	1.3 J	ND 1.7	ND 6.6	12 J
2-Chlorotoluene	ug/l	ND 0.11	ND 1.1	ND 0.55	ND 0.11	ND 0.22	ND 0.55	ND 2.2	ND 2.2
2-Hexanone	ug/l	ND 0.17	ND 1.7	ND 0.85	ND 0.17	ND 0.34	ND 0.85	ND 3.4	ND 3.4
4-Chlorotoluene	ug/l	ND 0.10	ND 1.0	ND 0.50	ND 0.10	ND 0.20	ND 0.50	ND 2.0	ND 2.0

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S101B4	S111B1	S111B1	S133B1	S134A	S135A	S136A	S141A
Date Sampled		11/04/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/03/2021	11/02/2021	11/02/2021
Analysis Date		11/16/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/15/2021	11/12/2021	11/12/2021
Sample Purpose		REG	FD	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	ND 0.15	ND 1.5	ND 0.75	ND 0.15	NT	ND 0.75	ND 3.0	ND 3.0
Acetone	ug/l	ND 3.8	ND 38	ND 19	ND 3.8	ND 7.6	ND 19	ND 76	ND 76
Benzene	ug/l	ND 0.080	ND 0.80	ND 0.40	ND 0.080	ND 0.16	ND 0.40	ND 1.6	ND 1.6
Bromobenzene	ug/l	ND 0.091	ND 0.91	ND 0.46	ND 0.091	ND 0.18	ND 0.46	ND 1.8	ND 1.8
Bromochloromethane	ug/l	ND 0.18	ND 1.8	ND 0.90	ND 0.18	ND 0.36	ND 0.90	ND 3.6	ND 3.6
Bromodichloromethane	ug/l	ND 0.14	ND 1.4	ND 0.70	ND 0.14	ND 0.28	ND 0.70	ND 2.8	ND 2.8
Bromoform	ug/l	ND 0.19	ND 1.9	ND 0.95	ND 0.19	ND 0.38	ND 0.95	ND 3.8	ND 3.8
Bromomethane	ug/l	ND 0.21	ND 2.1	ND 1.1	ND 0.21	ND 0.42	ND 1.1	ND 4.2	ND 4.2
Carbon Disulfide	ug/l	ND 0.36	ND 3.6	ND 1.8	ND 0.36	ND 0.72	ND 1.8	ND 7.2	ND 7.2
Carbon Tetrachloride	ug/l	ND 0.12	ND 1.2	ND 0.60	ND 0.12	ND 0.24	ND 0.60	ND 2.4	ND 2.4
Chlorobenzene	ug/l	ND 0.070	ND 0.70	ND 0.35	ND 0.070	ND 0.14	ND 0.35	ND 1.4	ND 1.4
Chloroethane	ug/l	ND 0.24	ND 2.4	ND 1.2	ND 0.24	ND 0.48	ND 1.2	ND 4.8	18 J
Chloroform	ug/l	ND 0.12	ND 1.2	ND 0.60	ND 0.12	ND 0.24	ND 0.60	ND 2.4	ND 2.4
Chloromethane	ug/l	ND 0.26	ND 2.6	ND 1.3	ND 0.26	ND 0.52	ND 1.3	ND 5.2	ND 5.2
cis-1,2-Dichloroethene	ug/l	ND 0.18	180	230	ND 0.18	64	310	740	980
cis-1,3-Dichloropropene	ug/l	ND 0.15	ND 1.5	ND 0.75	ND 0.15	ND 0.30	ND 0.75	ND 3.0	ND 3.0
Dibromochloromethane	ug/l	ND 0.16	ND 1.6	ND 0.80	ND 0.16	ND 0.32	ND 0.80	ND 3.2	ND 3.2
Dibromomethane	ug/l	ND 0.17	ND 1.7	ND 0.85	ND 0.17	ND 0.34	ND 0.85	ND 3.4	ND 3.4
Dichlorodifluoromethane (CFC 12)	ug/l	ND 0.32	ND 3.2	ND 1.6	ND 0.32	ND 0.64	ND 1.6	ND 6.4	ND 6.4
Ethylbenzene	ug/l	ND 0.084	ND 0.84	ND 0.42	ND 0.084	ND 0.17	ND 0.42	ND 1.7	ND 1.7
Hexachlorobutadiene	ug/l	ND 0.23	ND 2.3	ND 1.2	ND 0.23	ND 0.46	ND 1.2	ND 4.6	ND 4.6
Isopropylbenzene	ug/l	ND 0.11	ND 1.1	ND 0.55	ND 0.11	ND 0.22	ND 0.55	ND 2.2	ND 2.2
Methyl Isobutyl Ketone	ug/l	ND 0.11	ND 1.1	ND 0.55	ND 0.11	ND 0.22	ND 0.55	ND 2.2	ND 2.2
Methylene Chloride	ug/l	ND 0.16	ND 1.6	ND 0.80	ND 0.16	ND 0.32	ND 0.80	ND 3.2	ND 3.2
MTBE	ug/l	ND 0.12	ND 1.2	ND 0.60	ND 0.12	ND 0.24	ND 0.60	ND 2.4	ND 2.4

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S101B4	S111B1	S111B1	S133B1	S134A	S135A	S136A	S141A
Date Sampled		11/04/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021	11/03/2021	11/02/2021	11/02/2021
Analysis Date		11/16/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/15/2021	11/12/2021	11/12/2021
Sample Purpose		REG	FD	REG	REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	ND 0.18	ND 1.8	ND 0.90	ND 0.18	ND 0.36	ND 0.90	ND 3.6	ND 3.6
n-Propylbenzene	ug/l	ND 0.11	ND 1.1	ND 0.55	ND 0.11	ND 0.22	ND 0.55	ND 2.2	ND 2.2
Naphthalene	ug/l	ND 0.48	ND 4.8	ND 2.4	ND 0.48	ND 0.96	ND 2.4	ND 9.6	ND 9.6
sec-Butylbenzene	ug/l	ND 0.14	ND 1.4	ND 0.70	ND 0.14	ND 0.28	ND 0.70	ND 2.8	ND 2.8
Styrene	ug/l	ND 0.13	ND 1.3	ND 0.65	ND 0.13	ND 0.26	ND 0.65	ND 2.6	ND 2.6
tert-Butylbenzene	ug/l	ND 0.13	ND 1.3	ND 0.65	ND 0.13	ND 0.26	ND 0.65	ND 2.6	ND 2.6
Tetrachloroethene (PCE)	ug/l	ND 0.10	ND 1.0	ND 0.50	ND 0.10	0.25 J	ND 0.50	ND 2.0	ND 2.0
Toluene	ug/l	ND 0.095	ND 0.95	ND 0.48	ND 0.095	ND 0.19	ND 0.48	ND 1.9	ND 1.9
trans-1,2-Dichloroethene	ug/l	ND 0.11	1.5 J	2.2 J	ND 0.11	0.55 J	ND 0.55	6.3 J	6.6 J
trans-1,3-Dichloropropene	ug/l	ND 0.16	ND 1.6	ND 0.80	ND 0.16	ND 0.32	ND 0.80	ND 3.2	ND 3.2
Trichloroethene (TCE)	ug/l	0.11 J	260	300	2.3	2.8	8.2	10	570
Trichlorofluoromethane (CFC 11)	ug/l	ND 0.13	ND 1.3	ND 0.65	ND 0.13	ND 0.26	ND 0.65	ND 2.6	ND 2.6
Vinyl Acetate	ug/l	ND 0.19	ND 1.9	ND 0.95	ND 0.19	ND 0.38	ND 0.95	ND 3.8	ND 3.8
Vinyl Chloride	ug/l	ND 0.18	ND 1.8	ND 0.90	ND 0.18	6.1	15	240	76
Xylenes, Total	ug/l	ND 0.27	ND 2.7	ND 1.4	ND 0.27	ND 0.54	ND 1.4	ND 5.4	ND 5.4

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S153B1	S157B1	S158A	S159A	S160A
Date Sampled		11/04/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021
Analysis Date		11/16/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021
Sample Purpose		REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result
1,1,1,2-Tetrachloroethane	ug/l	ND 10	ND 0.10	ND 50	ND 0.10	ND 2.0
1,1,1-Trichloroethane (TCA)	ug/l	ND 10	0.39 J	ND 50	ND 0.10	ND 2.0
1,1,2,2-Tetrachloroethane	ug/l	ND 11	ND 0.11	ND 55	ND 0.11	ND 2.2
1,1,2-Trichloroethane	ug/l	ND 12	ND 0.12	ND 60	ND 0.12	ND 2.4
1,1-Dichloroethane (1,1-DCA)	ug/l	ND 10	0.32 J	85 J	ND 0.10	4.4 J
1,1-Dichloroethene (1,1-DCE)	ug/l	ND 13	0.34 J	ND 65	ND 0.13	ND 2.6
1,1-Dichloropropene	ug/l	ND 12	ND 0.12	ND 60	ND 0.12	ND 2.4
1,2,3-Trichlorobenzene	ug/l	ND 40	ND 0.40	ND 200	ND 0.40	ND 8.0
1,2,3-Trichloropropane	ug/l	ND 13	ND 0.13	ND 65	ND 0.13	ND 2.6
1,2,4-Trichlorobenzene	ug/l	ND 25	ND 0.25	ND 130	ND 0.25	ND 5.0
1,2,4-Trimethylbenzene	ug/l	ND 32	ND 0.32	ND 160	ND 0.32	ND 6.4
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	ND 20	ND 0.20	ND 100	ND 0.20	ND 4.0
1,2-Dibromoethane (EDB)	ug/l	ND 12	ND 0.12	ND 60	ND 0.12	ND 2.4
1,2-Dichlorobenzene	ug/l	ND 9.7	ND 0.097	ND 49	0.14 J	ND 1.9
1,2-Dichloroethane	ug/l	ND 14	ND 0.14	ND 70	ND 0.14	ND 2.8
1,2-Dichloropropane	ug/l	ND 15	ND 0.15	ND 75	ND 0.15	ND 3.0
1,3,5-Trimethylbenzene	ug/l	ND 16	ND 0.16	ND 80	ND 0.16	ND 3.2
1,3-Dichlorobenzene	ug/l	ND 8.6	ND 0.086	ND 43	ND 0.086	ND 1.7
1,3-Dichloropropane	ug/l	ND 10	ND 0.10	ND 50	ND 0.10	ND 2.0
1,4-Dichlorobenzene	ug/l	ND 8.3	ND 0.083	ND 42	ND 0.083	ND 1.7
2,2-Dichloropropane	ug/l	ND 46	ND 0.46	ND 230	ND 0.46	ND 9.2
2-Butanone (MEK)	ug/l	ND 33	ND 0.33	ND 170	1.4 J	ND 6.6
2-Chlorotoluene	ug/l	ND 11	ND 0.11	ND 55	ND 0.11	ND 2.2
2-Hexanone	ug/l	ND 17	ND 0.17	ND 85	0.39 J	ND 3.4
4-Chlorotoluene	ug/l	ND 10	ND 0.10	ND 50	ND 0.10	ND 2.0

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S153B1	S157B1	S158A	S159A	S160A
Date Sampled		11/04/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021
Analysis Date		11/16/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021
Sample Purpose		REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result
4-Isopropyltoluene	ug/l	ND 15	ND 0.15	ND 75	ND 0.15	ND 3.0
Acetone	ug/l	ND 380	ND 3.8	ND 1900	ND 3.8	ND 76
Benzene	ug/l	ND 8.0	ND 0.080	ND 40	ND 0.080	ND 1.6
Bromobenzene	ug/l	ND 9.1	ND 0.091	ND 46	ND 0.091	ND 1.8
Bromochloromethane	ug/l	ND 18	ND 0.18	ND 90	ND 0.18	ND 3.6
Bromodichloromethane	ug/l	ND 14	ND 0.14	ND 70	ND 0.14	ND 2.8
Bromoform	ug/l	ND 19	ND 0.19	ND 95	ND 0.19	ND 3.8
Bromomethane	ug/l	ND 21	ND 0.21	ND 110	ND 0.21	ND 4.2
Carbon Disulfide	ug/l	ND 36	ND 0.36	ND 180	ND 0.36	ND 7.2
Carbon Tetrachloride	ug/l	ND 12	ND 0.12	ND 60	ND 0.12	ND 2.4
Chlorobenzene	ug/l	ND 7.0	ND 0.070	ND 35	ND 0.070	ND 1.4
Chloroethane	ug/l	ND 24	ND 0.24	ND 120	4.1	25
Chloroform	ug/l	ND 12	0.21 J	ND 60	ND 0.12	ND 2.4
Chloromethane	ug/l	ND 26	ND 0.26	ND 130	ND 0.26	ND 5.2
cis-1,2-Dichloroethene	ug/l	26 J	1.1	15000	2.4	750
cis-1,3-Dichloropropene	ug/l	ND 15	ND 0.15	ND 75	ND 0.15	ND 3.0
Dibromochloromethane	ug/l	ND 16	ND 0.16	ND 80	ND 0.16	ND 3.2
Dibromomethane	ug/l	ND 17	ND 0.17	ND 85	ND 0.17	ND 3.4
Dichlorodifluoromethane (CFC 12)	ug/l	ND 32	ND 0.32	ND 160	ND 0.32	ND 6.4
Ethylbenzene	ug/l	ND 8.4	ND 0.084	ND 42	ND 0.084	ND 1.7
Hexachlorobutadiene	ug/l	ND 23	ND 0.23	ND 120	ND 0.23	ND 4.6
Isopropylbenzene	ug/l	ND 11	ND 0.11	ND 55	ND 0.11	ND 2.2
Methyl Isobutyl Ketone	ug/l	ND 11	ND 0.11	ND 55	ND 0.11	ND 2.2
Methylene Chloride	ug/l	ND 16	ND 0.16	ND 80	ND 0.16	ND 3.2
MTBE	ug/l	ND 12	ND 0.12	ND 60	ND 0.12	ND 2.4

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS: MONITORING WELLS
SIGNETICS SITE, 811 EAST ARQUES, SUNNYVALE, CALIFORNIA

Location ID		S153B1	S157B1	S158A	S159A	S160A
Date Sampled		11/04/2021	11/02/2021	11/02/2021	11/02/2021	11/02/2021
Analysis Date		11/16/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021
Sample Purpose		REG	REG	REG	REG	REG
Parameter Name	Report Units	Report Result	Report Result	Report Result	Report Result	Report Result
n-Butylbenzene	ug/l	ND 18	ND 0.18	ND 90	ND 0.18	ND 3.6
n-Propylbenzene	ug/l	ND 11	ND 0.11	ND 55	ND 0.11	ND 2.2
Naphthalene	ug/l	ND 48	ND 0.48	ND 240	ND 0.48	ND 9.6
sec-Butylbenzene	ug/l	ND 14	ND 0.14	ND 70	ND 0.14	ND 2.8
Styrene	ug/l	ND 13	ND 0.13	ND 65	ND 0.13	ND 2.6
tert-Butylbenzene	ug/l	ND 13	ND 0.13	ND 65	ND 0.13	ND 2.6
Tetrachloroethene (PCE)	ug/l	13 J	1.2	ND 50	ND 0.10	ND 2.0
Toluene	ug/l	ND 9.5	ND 0.095	ND 48	ND 0.095	ND 1.9
trans-1,2-Dichloroethene	ug/l	ND 11	ND 0.11	ND 55	3.2	6.7 J
trans-1,3-Dichloropropene	ug/l	ND 16	ND 0.16	ND 80	ND 0.16	ND 3.2
Trichloroethene (TCE)	ug/l	2600	61	ND 50	0.41 J	110
Trichlorofluoromethane (CFC 11)	ug/l	ND 13	ND 0.13	ND 65	ND 0.13	ND 2.6
Vinyl Acetate	ug/l	ND 19	ND 0.19	ND 95	ND 0.19	ND 3.8
Vinyl Chloride	ug/l	ND 18	ND 0.18	6600	0.59	55
Xylenes, Total	ug/l	ND 27	ND 0.27	ND 140	ND 0.27	ND 5.4

Notes:
ND - Result was below the detection limit
NT - Sample not tested for the given parameter
J - Estimated value below RL but above MDL
B - Analyte was present in an associated method blank

TABLE 2

GROUNDWATER ELEVATIONS, 11 OCTOBER 2021

FORMER 901/901 THOMPSON FACILITY

SUNNYVALE, CALIFORNIA

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Well ID	Aquifer Zone Screened	Top of Casing Elevation (feet NAVD88)	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet NAVD88)
15-S	A	50.82	9.11	41.71
16-S		47.70	10.45	37.25
22-S		46.37	8.49	37.88
23-S		47.03	9.17	37.86
27-S		50.71	10.61	40.10
28-S		47.88	10.06	37.82
29-S		50.10	9.5	40.60
36-S		41.46	6.34	35.12
37-S		42.06	6.61	35.45
DW-7	B1	46.11	7.80	38.31
23-D		47.04	7.58	39.46
27-D		50.59	10.04	40.55
28-D		47.74	9.88	37.86
29-D		50.17	9.54	40.63
36-D		41.26	6.08	35.18
52-D		48.31	9.11	39.20
53-D		50.94	7.83	43.11
22-DD	B2	46.45	6.97	39.48
27-DD		50.72	8.84	41.88
36-DD		41.58	5.44	36.14
35-DDD	B3	46.47	6.02	40.45

Notes:

feet btoc = Feet below top of casing

feet NAVD88 = Elevation (in feet) relative to the North American Vertical Datum of 1988.

1. Water levels were measured by Field Solutions, Inc. of San Jose, California.

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TABLE 3

ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES, OCTOBER 2021[1,2]

FORMER 901/902 THOMPSON PLACE FACILITY

SUNNYVALE, CALIFORNIA

Well ID	Aquifer Zone	Sampling Date	PCE	TCE	cDCE	tDCE	VC	1,1-DCE	1,1-DCA	1,1,1-TCA	Freon 113	1,2-DCB
15-S	A	10/14/2021	< 0.50	**4.0**	**0.51**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
16-S		10/14/2021	< 2.0	< 2.0	**29**	< 2.0	**170**	< 2.0	< 2.0	< 2.0	< 2.0	**8.8**
22-S		10/15/2021	**0.68**	**13**	**38**	**3.7**	**5.2**	< 0.50	< 0.50	< 0.50	< 0.50	**10**
23-S		10/14/2021	**2.0**	**63**	**46**	**5.3**	< 0.50	**0.90**	< 0.50	< 0.50	< 0.50	**18**
27-S		10/15/2021	< 2.5 / < 2.0	**14 / 11**	**250 / 210**	**12 / 9.8**	**20 / 17**	< 2.5 / < 2.0	< 2.5 / < 2.0	< 2.5 / < 2.0	< 2.5 / < 2.0	< 2.5 / < 2.0
28-S		10/15/2021	< 10	< 10	**110**	< 10	**590**	< 10	< 10	< 10	< 10	**14**
29-S		10/14/2021	< 0.50	**15**	**3.7**	< 0.50	**0.68**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
36-S		10/15/2021	**1.7**	**56**	**12**	**0.54**	**0.58**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
37-S		10/15/2021	**0.54**	**40**	**11**	< 0.50	**0.76**	< 0.50	< 0.50	< 0.50	**0.62**	< 0.50
DW-7	B1	10/14/2021	< 1.0	**8.8**	**78**	**1.5**	**65**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
23-D		10/14/2021	< 2.0 / < 2.0	**210 / 190**	**3.1 / 3.4**	< 2.0 / < 2.0	< 2.0 / < 2.0	< 2.0 / < 2.0	< 2.0 / < 2.0	< 2.0 / < 2.0	**2.1** / < 2.0	< 2.0 / < 2.0
27-D		10/15/2021	**4.0 / 3.1**	**79 / 60**	**2.6 / 2.2**	< 0.50 / < 1.0	< 0.50 / < 1.0	< 0.50 / < 1.0	< 0.50 / < 1.0	**0.60** / < 1.0	< 0.50 / < 1.0	< 0.50 / < 1.0
28-D		10/15/2021	< 5.0	< 5.0	**170**	**8.9**	**290**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
29-D		10/15/2021	**2.5**	**56**	**2.0**	< 0.50	< 0.50	**0.59**	< 0.50	**0.68**	< 0.50	< 0.50
36-D		10/15/2021	< 0.50	**5.4**	**58**	**3.5**	**0.78**	< 0.50	**0.60**	< 0.50	< 0.50	< 0.50
52-D		10/14/2021	< 0.50	**16**	**0.65**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
53-D		10/14/2021	< 0.50	**7.7**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
22-DD	B2	10/15/2021	< 1.0	**100**	**2.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
27-DD		10/15/2021	< 0.50	**18**	**6.7**	**1.7**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
36-DD		10/15/2021	< 0.50	**2.0**	**16**	**2.9**	**1.6**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
35-DDD	B3	10/14/2021	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cleanup Goal[3]			**5.0**	**5.0**	**6.0**	**10**	**0.5**	**6.0**	**5.0**	**200**	**1,200**	**600**

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Notes:

< = Constituent not detected above the laboratory reporting limit shown

1,1,1-TCA = 1,1,1-Trichloroethane

1,1-DCA = 1,1-Dichloroethane

1,1-DCE = 1,1-Dichloroethene

1,2-DCB = 1,2-Dichlorobenzene

cDCE = cis-1,2-Dichloroethene

Freon 113 = 1,1,2-Trichloro-1,2,2-Trifluoromethane

J = Concentration is estimated

PCE = Tetrachloroethene

TCE = Trichloroethene

tDCE = trans-1,2-Dichloroethene

VC = Vinyl chloride

1. Groundwater samples were collected by Field Solutions, Inc., of San Jose, California, and analyzed by Eurofins TestAmerica of West Sacramento, California, for the EPA Method 8010 list with Freon 113 in accordance with EPA Method 8260B.
2. Only compounds listed in the Record of Decision are included in this table; for a full list of analytes and detected compounds, see laboratory analytical reports
3. Cleanup Goal is the lower of the Federal and California Maximum Contaminant Levels (MCLs).

Concentrations reported in micrograms per liter (µg/L).

Results in **bold** indicate the constituent was detected in the sample above the laboratory reporting limit.

Multiple results indicate primary / duplicate sample results.

TABLE 2
GROUNDWATER ELEVATIONS, 11 OCTOBER 2021
FORMER 915 DEGUIGNE DRIVE
SUNNYVALE, CALIFORNIA

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Well ID	Aquifer Zone Screened	Top of Casing Elevation (feet NAVD 88)	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet NAVD 88)
2-SR	A	37.29	9.91	27.38
19-S		37.14	10.16	26.98
40-S		37.73	9.04	28.69
41-S		39.43	8.02	31.41
49-S		40.22	10.51	29.71
53-S		32.87	9.70	23.17
54-S		32.93	9.12	23.81
55-S		35.81	8.70	27.11
56-S		38.68	10.45	28.23
57-S		38.61	9.08	29.53
10-DR	B1	37.31	10.40	26.91
19-D		37.24	11.08	26.16
40-D		37.57	9.58	27.99
41-D		NS[2]	7.07	--
49-DR		40.39	10.51	29.88
52-D		32.77	8.89	23.88
56-D		38.66	16.30	22.36
57-D		38.51	8.68	29.83
45-DD	B2	33.16	7.90	25.26
49-DD		40.32	11.78	28.54
53-DD		35.85	13.78	22.07
54-DD		32.73	13.96	18.77
56-DD		38.49	14.03	24.46
57-DD		38.97	11.73	27.24

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Notes:
feet btoc = Feet below top of casing
feet NAVD88 = Elevation (in feet) relative to the North American Vertical Datum of 1988
NS = Not surveyed
1. Water levels were measured by Field Solutions, Inc. of San Jose, California.
2. The top of casing was adjusted during Site redevelopment, and will be resurveyed.

TABLE 3

ANALYTICAL RESULTS FOR DETECTED COMPOUNDS IN GROUNDWATER SAMPLES, OCTOBER 2021[1,2]

FORMER 915 DEGUIGNE DRIVE

SUNNYVALE, CALIFORNIA

Well ID	Aquifer Zone	Sampling Date	PCE	TCE	cDCE	tDCE	VC	Freon 113	1,1,1-TCA	1,1-DCA	1,1-DCE	1,2,4-TCB
Extraction Wells												
EW-12	A	10/19/2021	< 0.50	**29**	**16**	**0.45 J**	< 0.50	< 0.50	< 0.50	**0.11 J**	**0.14 J**	< 1.0
EW-13		10/19/2021	< 0.50	**5.3**	**4.3**	< 0.50	< 0.50	**0.25 J**	< 0.50	< 0.50	< 0.50	< 1.0
EW-16		10/19/2021	**0.13 J**	**63**	**25**	**0.60**	**2.3**	**0.25 J**	< 0.50	**0.13 J**	**0.15 J**	< 1.0
EW-17		10/19/2021	< 0.50	**62**	**41**	**0.85**	**1.2**	**0.25 J**	< 0.50	**0.18 J**	**0.18 J**	< 1.0
EW-18		10/19/2021	< 0.50	**36**	**15**	**0.35 J**	< 0.50	**0.35 J**	< 0.50	**0.12 J**	< 0.50	< 1.0
EW-19		10/19/2021	< 0.50	**13**	**11**	**0.13 J**	< 0.50	**0.45 J**	< 0.50	**0.12 J**	< 0.50	< 1.0
EW-11	B1	10/19/2021	**0.29 J**	**66**	**48**	**0.91 J**	< 1.0	**3.2**	< 1.0	**0.25 J**	**0.45 J**	< 2.0
EW-15		10/19/2021	< 1.0 / < 1.0	**71 / 71**	**14 / 14**	< 1.0 / < 1.0	< 1.0 / < 1.0	**1.4 / 1.3**	< 1.0 / < 1.0	< 1.0 / **0.20 J**	< 1.0 / < 1.0	< 2.0 / < 2.0
EW-20		10/19/2021	< 0.50	**28**	**2.5**	< 0.50	< 0.50	**1.0**	< 0.50	< 0.50	< 0.50	< 1.0
EW-21		10/19/2021	< 0.50	**79**	**7.3**	< 0.50	< 0.50	**30**	< 0.50	**0.14 J**	< 0.50	< 1.0
EW-10	B2	10/19/2021	< 0.50	**67**	**14**	**0.21 J**	**1.0**	**5.9**	< 0.50	**0.15 J**	**0.31 J**	< 1.0
EW-14		10/19/2021	< 1.0	**75**	**7.6**	< 1.0	< 1.0	**2.5**	< 1.0	< 1.0	< 1.0	< 2.0
Monitoring Wells												
2-SR	A	10/20/2021	**0.12 J**	**65**	**18**	**0.40 J**	**8.6**	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
19-S		10/19/2021	< 0.50	**30**	**10**	**0.38 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
40-S		10/18/2021	**0.30 J**	**62**	**17**	**0.78**	< 0.50	< 0.50	< 0.50	**0.12 J**	< 0.50	< 1.0
41-S		10/18/2021	**1.3**	**47**	**15**	**1.3**	**1.2**	< 0.50	< 0.50	**0.19 J**	**0.15 J**	< 1.0
49-S		10/18/2021	**0.37 J**	**19**	**4.2**	**0.14 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
53-S		10/20/2021	< 0.50	**71**	**35**	**0.68**	**1.1**	**0.54**	< 0.50	**0.20 J**	**0.23 J**	< 1.0
54-S		10/20/2021	**0.34 J**	**59**	**17**	**0.54**	< 0.50	**0.66**	**0.12 J**	**0.15 J**	< 0.50	< 1.0
55-S		10/19/2021	< 0.50	**0.12 J**	**0.80**	**0.22 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
56-S		10/19/2021	**0.20 J**	**21**	**13**	**0.34 J**	**0.98**	< 0.50	< 0.50	**0.17 J**	< 0.50	< 1.0
57-S		10/19/2021	< 0.50	**0.12 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
10-DR	B1	10/20/2021	< 0.50 / < 0.50	**0.10 J** / < 0.50	< 0.50 / < 0.50	< 0.50 / < 0.50	**6.5 / 7.0**	< 0.50 / < 0.50	< 0.50 / < 0.50	**0.34 J / 0.35 J**	< 0.50 / < 0.50	< 1.0 / < 1.0
19-D		10/19/2021	< 0.50	**34**	**14**	**0.31 J**	< 0.50	< 0.50	< 0.50	**0.13 J**	< 0.50	< 1.0
40-D		10/19/2021	< 1.0 / < 1.0	**63 / 66**	**37 / 38**	**0.80 J / 0.91 J**	**3.7 / 4.1**	< 1.0 / < 1.0	< 1.0 / < 1.0	< 1.0 / < 1.0	< 1.0 / < 1.0	< 2.0 / < 2.0
41-D		10/25/2021	**0.84 J**	**81**	**97**	**1.6**	**5.1**	< 1.0	< 1.0	**0.20 J**	**0.38 J**	< 2.0
49-DR		10/18/2021	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
52-D		10/19/2021	< 0.50	**0.13 J**	**0.50**	< 0.50	**0.33 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
56-D		10/19/2021	**0.81 J**	**69**	**69**	**1.6**	< 1.0	**2.0**	**0.45 J**	**0.41 J**	**0.48 J**	< 2.0
57-D		10/19/2021	**1.2**	**66**	**61**	**1.2**	< 1.0	**0.74 J**	**0.46 J**	**0.47 J**	**0.55 J**	< 2.0
45-DD	B2	10/19/2021	< 0.50	**12**	< 0.50	< 0.50	< 0.50	**3.0**	< 0.50	< 0.50	< 0.50	< 1.0
49-DD		10/18/2021	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
53-DD		10/20/2021	< 1.0 / < 1.0	**85 / 90**	**1.1 / 1.0**	< 1.0 / < 1.0	< 1.0 / < 1.0	**3.0 / 3.2**	< 1.0 / < 1.0	< 1.0 / < 1.0	< 1.0 / < 1.0	< 2.0 / < 2.0
54-DD		10/19/2021	< 0.50	**1.0**	**0.82**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
56-DD		10/18/2021	< 0.50	**28**	**23**	**0.74**	**4.3**	< 0.50	< 0.50	< 0.50	**0.72**	< 1.0
57-DD		10/19/2021	< 0.50	**2.6**	< 0.50	< 0.50	< 0.50	**0.27 J**	< 0.50	< 0.50	< 0.50	< 1.0
Cleanup Goal[3]			**5.0**	**5.0**	**6.0**	**10**	**0.5**	**1,200**	**200**	**5.0**	**6.0**	**5.0**

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TABLE 3

ANALYTICAL RESULTS FOR DETECTED COMPOUNDS IN GROUNDWATER SAMPLES, OCTOBER 2021[1,2]

FORMER 915 DEGUIGNE DRIVE

SUNNYVALE, CALIFORNIA

Notes:

< = Constituent not detected above the laboratory reporting limit (RL) shown.
< 0.50 / < 0.50 = indicates that a duplicate sample was collected
1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2,4-TCB = 1,2,4-Trichlorobenzene
cDCE = cis-1,2-Dichloroethene
Freon 113 = 1,1,2-Trichloro-1,2,2-trifluoroethane
J+ = Concentration is estimated, biased high.
J = Concentration is estimated.
PCE = Tetrachloroethene
TCE = Trichloroethene
tDCE = trans-1,2-Dichloroethene
VC = Vinyl chloride

1. Groundwater samples were collected by Field Solutions, Inc. of San Jose, California, and analyzed by Eurofins TestAmerica of Tacoma, Washington, for United States Environmental Protection Agency (EPA) Method 8260B.
2. Only detected compounds that are included in the Site Cleanup Requirements Order Number 91-101 are shown; for a full list of detected compounds, see laboratory analytical reports.
3. Cleanup Goal is the lower of the Federal or California Maximum Contaminant Levels.

Concentrations reported in micrograms per liter (µg/L).
Results in **bold** indicate that the analyte was detected above the laboratory RL.

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Table 2: 2021 Groundwater Elevations

CAE-USA

Monitoring Well	Measuring Point Elevation (ft amsl)[a]	Date		Depth to Groundwater (feet)[b]	Groundwater Elevation (ft amsl)
A-Aquifer					
CLA-1	41.48	10/11/21		10.30	31.18
CLA-2	38.41	10/11/21		9.72	28.69
CLA-3	39.92	10/11/21		11.38	28.54
CLA-4	41.30	10/11/21		10.55	30.75
SU4A-1	35.26	10/11/21		8.68	26.58
SU4A-2	31.50		Well Destroyed		
SU4A-3	33.74		Well Destroyed		
SU4A-4	28.91	10/11/21		12.08	16.83
SU4A-5	34.41	10/11/21		7.11	27.30
SU4PA-1	36.72		Well Destroyed		
SU4EWA-1	34.97		Well Destroyed		
SU4EWA-2	32.95		Well Destroyed		
B1-Aquifer					
SU4B1-1	34.43	10/11/21		7.10	27.33
SU4B1-3	40.25		Well Destroyed		
SU4PB1-1	34.68	10/11/21	Well Destroyed		
SU4EWB1-1	33.19		Well Destroyed		
73B1	37.11	10/11/21		8.24	28.87
84B1	26.58	10/11/21	NM[c]		
B2-Aquifer					
SU4B2-2	29.54	10/11/21		7.01	22.53
73B2	37.45	10/11/21		3.01	34.44

Notes and Abbreviations:

(a) ft amsl = feet above mean sea level according to the National Geodetic Vertical Datum (NGVD 1928).

(b) feet = feet below top of casing

(c) NM = monitoring well not accessible during sampling event.

Table 3: Summary of Analytical Results - Halogenated Volatile Organic Compounds

CAE-USA

			VOCs											Field		
		Chemical	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroform	cis-1,2-DCE	CFC-113	PCE	trans-1,2-DCE	TCE	CFC-11	VC	pH	Temp	Cond
		CAS Number	71-55-6	75-34-3	75-35-4	67-66-3	156-59-2	76-13-1	127-18-4	156-60-5	79-01-6	75-69-4	75-01-4	pH	TEMP	SC
		Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	SU	deg c	uS/cm
		California MCL	200	5	6	80	6	1,200	5	10	5	150	0.5			
Location	Date	Note														
A-Aquifer																
CLA-1	10/11/2021		< 0.50	**0.58**	< 0.50	< 1.0	**5.6**	< 0.50	**1.5**	< 0.50	**41**	< 1.0	< 0.50	**7.60**	**23.0**	**1,043**
CLA-2		Not sampled, biennial schedule.														
CLA-3		Not sampled, biennial schedule.														
CLA-4	10/11/2021		< 0.50	**0.97**	< 0.50	< 1.0	**13**	**0.76**	**0.50**	**2.7**	**58**	< 1.0	< 0.50	**7.38**	**22.2**	**1,037**
SU4A-1	10/11/2021		< 2.5	**< 2.5**	< 2.5	< 5.0	**110**	**4.6**	< 2.5	< 2.5	**190**	< 5.0	< 2.5	**7.77**	**22.1**	**971**
SU4A-1	10/11/2021	Dup	< 2.5	< 2.5	< 2.5	< 5.0	**110**	**4.8**	< 2.5	< 2.5	**190**	< 5.0	< 2.5			
SU4A-2		Well was destroyed in 2018.														
SU4A-3		Well was destroyed in 2018.														
SU4A-4	10/11/2021		< 1.0	< 1.0	< 1.0	< 2.0	**5.3**	**2.0**	< 1.0	< 1.0	**61**	< 2.0	< 1.0	**7.44**	**20.3**	**838**
SU4A-5	10/11/2021		< 2.0	< 2.0	< 2.0	< 4.0	**46**	**4.6**	< 2.0	< 2.0	**190**	< 4.0	< 2.0	**8.54**	**18.4**	**848**
SU4PA-1		Well was destroyed in 2018.														
SU4EWA-1		Well was destroyed in 2018.														
SU4EWA-2		Well was destroyed in 2018.														
B1-Aquifer																
SU4B1-1	10/11/2021		< 2.0	< 2.0	< 2.0	< 4.0	**61**	**6.3**	< 2.0	< 2.0	**130**	< 4.0	< 2.0	**8.10**	**18.4**	**834**
SU4B1-3		Well was destroyed in 2018.														
SU4PB1-1		Well was destroyed in 2018.														
SU4EWB1-1		Well was destroyed in 2018.														
73B1	10/11/2021		< 2.5	< 2.5	< 2.5	< 5.0	**71**	**3.9**	< 2.5	< 2.5	**170**	< 5.0	< 2.5	**7.61**	**21.9**	**990**
84B1		Not sampled, well inaccessible														
B2-Aquifer																
SU4B2-2		Not sampled, biennial schedule.														
73B2	10/11/2021		< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	**7.73**	**22.6**	**890**

Notes and Abbreviations:

1,1,1-TCA = 1,1,1-trichloroethane
1,1-DCA = 1,1-dichloroethane
1,1-DCE = 1,1-dichloroethene
California MCLs = State of California maximum contaminant levels, California Code of Regulations, Title 26.
cis-1,2-DCE = cis-1,2-dichloroethene
CFC-11 = trichlorofluoromethane
CFC-113 = trichlorotrifluoroethane

Cond = conductivity (µmhos/cm)
Dup = duplicate sample
PCE = tetrachloroethene
TCE = trichloroethene
Temp = temperature (°C)
trans-1,2-DCE = trans-1,2-dichloroethene
ug/l = micrograms per liter

VC = vinyl chloride
"<" = Not detected below the laboratory reporting limit.
NM = not measured

Table 2-3a
Groundwater Analytical Results
SMP Samples, Q3/Q4 2021
CSOU, Subunit 1
Mohawk Laboratories
Sunnyvale, California

Well ID	Aquifer Zone	Date Sampled	Purge Method	Contaminants of Interest in Groundwater											
				PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCA (µg/L)	VC (µg/L)	CB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	1,4-DCB (µg/L)	TPHd (C8-C26) (µg/L)	TOC (mg/L)
Short-Term Cleanup Standard				***420***	***1,800***	***17,000***	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
ONSITE WEST AREA															
PBMW-08	A1	10/27/2021	PURGE	ND<0.50	ND<0.50	42	ND<0.50	ND<0.50	81	80	6.4	4.1	25	--	--
PBMW-09	A1	10/27/2021	PURGE	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.99	2.2	ND<0.50	0.81	ND<0.50	ND<0.50	--	--
PBMW-10	A1	10/27/2021	PURGE	ND<21	ND<21	ND<21	ND<21	ND<21	ND<21	2,600	ND<21	ND<21	ND<21	--	--
PBMW-12	A2	10/27/2021	PURGE	**770**	460	**32,000**	ND<420	ND<420	4,000	ND<420	ND<420	ND<420	ND<420	--	--
		10/27/2021	PURGE, DUP	**600**	ND<420	**28,000**	ND<420	ND<420	3,700	ND<420	ND<420	ND<420	ND<420	--	--
PBMW-14	A2	10/27/2021	PURGE	ND<53	ND<53	1,300	ND<53	ND<53	1,400	53	ND<53	ND<53	ND<53	--	--
KIFER TO CENTRAL AREA															
Atlas Heater Area															
BC-12	A1	10/27/2021	PURGE	ND<0.50	ND<0.50	120	5.6	ND<0.50	110	68	8.3	2.7	14	--	--
Atlas to Central Area															
PZ-17B	A1	10/27/2021	PURGE	46	34	360	5.2	ND<4.2	95	120	6.8	ND<4.2	ND<4.2	--	--
IP26A1	A1	10/27/2021	PURGE	100	94	230	8.1	ND<4.2	ND<4.2	95	48	ND<4.2	5.8	--	--
IP26A2	A2	10/27/2021	PURGE	51	66	240	7.1	4.4	38	96	56	4.5	19	--	--
RCW-01B	A1	10/27/2021	PURGE	ND<110	300	8,200	220	ND<110	470	ND<110	ND<110	ND<110	ND<110	1,090	--
CENTRAL EXPRESSWAY PERMEABLE REACTIVE BARRIER (PRB) AREA															
PZ-1006B	A1	10/26/2021	PDB	42	16	29	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	--	--
PZ-1006C	A2	10/26/2021	PDB	37	29	820	25	ND<5.3	18	ND<5.3	ND<5.3	ND<5.3	ND<5.3	--	--
PZ-1009A	A1	10/26/2021	PDB	61	49	130	5.8	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	--	--
PZ-1009B	A2	10/26/2021	PDB	**500**	340	1,200	38	ND<11	ND<11	56	140	ND<11	13	--	--
PZ-1015C	A1	10/26/2021	PDB	34	38	43	3.5	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	--	--
PZ-1024B	A1	10/26/2021	PDB	5.9	3.3	13	ND<0.50	ND<0.50	3.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
PZ-1024C	A2	10/26/2021	PDB	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
PRB-N02 (A1)	A1	10/26/2021	PDB	ND<2.1	ND<2.1	78	ND<2.1	ND<2.1	10	2.8	ND<2.1	ND<2.1	ND<2.1	--	--
PRB-N02 (A2)	A2	10/26/2021	PDB	ND<2.1	ND<2.1	100	ND<2.1	ND<2.1	18	4.3	ND<2.1	ND<2.1	ND<2.1	--	--
PRB-N04	A1	10/26/2021	PDB	2.6	6.3	48	1.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
	A1	10/26/2021	PDB, DUP	1.9	5.8	47	1.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
PRB-N05	A1	10/26/2021	PDB	35	21	4.3	1.6	0.63	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
	A1	10/26/2021	PDB, DUP	37	21	4.4	1.7	0.61	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
PRB-E01	A1	10/26/2021	PDB	17	22	90	ND<4.2	ND<4.2	ND<4.2	7.3	ND<4.2	ND<4.2	ND<4.2	--	--
PRB-E02	A1	10/26/2021	PDB	3.4	2.7	2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
PRB-MW01 (A1)	A1	10/26/2021	PDB, S	55	40	130	2.9	0.61	0.78	14	ND<0.50	ND<0.50	ND<0.50	--	--
PRB-MW01 (A2)	A2	10/26/2021	PDB, D	40	37	130	2.7	0.57	1.1	13	ND<0.50	ND<0.50	ND<0.50	--	--
PRB-MW02 (A1)	A1	10/26/2021	PDB, S	0.53	4.7	46	1.7	ND<0.50	0.99	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
PRB-MW02 (A2)	A2	10/26/2021	PDB, D	0.62	4.4	42	1.6	ND<0.50	0.80	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--

Table 2-3a
Groundwater Analytical Results
SMP Samples, Q3/Q4 2021
CSOU, Subunit 1
Mohawk Laboratories
Sunnyvale, California

Well ID	Aquifer Zone	Date Sampled	Purge Method	Contaminants of Interest in Groundwater											
				PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCA (µg/L)	VC (µg/L)	CB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	1,4-DCB (µg/L)	TPHd (C8-C26) (µg/L)	TOC (mg/L)
Short-Term Cleanup Standard				***420***	***1,800***	***17,000***	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*
CENTRAL TO ARQUES AREA															
E-01	A1	10/26/2021	PDB	27	26	3.5	0.73	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
E-02	A1	10/26/2021	PDB	9.1	26	8.1	3.0	0.69	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
E-03	A1	10/26/2021	PDB	3.2	46	7.4	0.84	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
MW-16	A1	10/26/2021	PDB	43	180	240	9.4	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	--	--
WA-11	A1	10/26/2021	PDB	ND<0.50	9.4	77	2.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
NORTH OF ARQUES AREA															
MW-09 (DeGuigne)	A1	10/26/2021	PDB	ND<0.50	3.3	6.6	1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
NMW-001	A1	10/26/2021	PDB	15	23	3.8	1.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
NMW-003	A1	10/26/2021	PDB	2.6	4.2	1.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
NMW-005	A1	10/26/2021	PDB	ND<0.50	3.0	12	0.87	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
NMW-006	A1	10/26/2021	PDB	8.4	36	4.2	1.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
	A1	10/26/2021	PDB, DUP	8.8	36	4.0	1.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
NMW-007	A1	10/26/2021	PDB	24	48	5.2	2.9	0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
NMW-009	A1	10/26/2021	PDB	ND<0.50	38	14	0.88	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
NMW-12B	A1	10/26/2021	PDB	ND<0.50	7.7	27	0.99	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
46-S	A1	10/26/2021	PDB	1.1	11	4.8	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--

Notes:

Laboratory performed analysis for halogenated volatile organic compounds (VOCs)
Detections at or above short-term groundwater cleanup standards are shown in bold
µg/L = micrograms per liter
mg/L = milligrams per liter
PURGE = standard 3-volume purging method
DUP = duplicate sample
-- = not sampled or not applicable
ND = not detected at or above the indicated laboratory reporting limit
NE = not established

PCE = tetrachloroethene
TCE = trichloroethene
DCE = dichloroethene
DCA = dichloroethane
VC = vinyl chloride
CB = chlorobenzene
DCB = dichlorobenzene
TPHd (C8-C26) = total petroleum hydrocarbon, C8-C26 carbon range
TOC = Total organic carbon

Appendix H – Waste Manifests – 2021

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOTAPPLICABL
2. Page 1 of 12
3. Emergency Response Phone: 415-533-0112
4. Waste Tracking Number: 825STEWART_001

5. Generator's Name and Mailing Address: Att: Joshua Nandi
Northrop Grumman
One Space Park
Redondo Beach CA 90278
Generator's Phone: 310 332-1439

Generator's Site Address (if different than mailing address):
825 Stewart Drive
Sunnyvale CA 94085

6. Transporter 1 Company Name: NAMAN TRUCKING, INC
U.S. EPA ID Number: CAR000154740

7. Transporter 2 Company Name: CQ Industrial Services
U.S. EPA ID Number: NVL435642742

8. Designated Facility Name and Site Address: US Ecology Nevada
Hwy 95, 11 Miles South of Beatty
Beatty NV 89003
Facility's Phone: 800 239-3943
U.S. EPA ID Number: NVT330010000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous, Non DOT Regulated, Waste, Liquid (Water)	0001	DM	0020	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
S.T. - Groundwater / Decon Water - Profile # 070137747-17340

WO# 1348600

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Jennifer Ong on behalf of Northrop Grumman
Signature:
Month 11 Day 15 Year 21

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Guillermo Ruiz
Signature:
Month 11 Day 15 Year 21
Transporter 2 Printed/Typed Name: Shawn Woodward
Signature:
Month 11 Day 15 Year 21

17. Discrepancy
17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

HB9

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month 12 Day 1 Year 21

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR