PES Environmental, Inc.
Engineering & Environmental Services

May 4, 2021

126.069.03.005

The Sobrato Organization
Attention: Mr. Jeff Sobrato
599 Castro Street, Suite 400
Mountain View, California 94041

RESULTS OF SUPPLEMENTAL SITE INVESTIGATION
3000 BOWERS AVENUE OFFICE PROJECT
3000 BOWERS AVENUE
SANTA CLARA, CALIFORNIA

Dear Mr. Sobrato:

This report has been prepared by PES Environmental, Inc. (PES), on behalf of The Sobrato Organization to summarize the results of soil vapor and grab groundwater sampling activities conducted at the property located at 3000 Bowers Avenue in Santa Clara, California (the Site or subject property). This investigation was conducted in accordance with the approved February 11, 2021 work plan entitled *Work Plan for Supplemental Site Investigation, 3000 Bowers Avenue Office Project, 3000 Bowers Avenue, Santa Clara, California* and in response to a November 24, 2020 memorandum[1] prepared by Mr. Frederick Chun of the City of Santa Clara Fire Department. In this memorandum, Mr. Chun requested additional definition of the off-site groundwater plumes affected with residual chlorinated volatile organic compounds (VOCs) that may have encroached onto the western portion of the subject property.

INVESTIGATION METHODOLOGIES AND ANALYTICAL PROGRAM

Field Preparation Activities

The following activities were performed prior to the commencement of field sampling activities:

- Coordinate for on-site property access;

[1] City of Santa Clara Fire Department, 2020. *Memorandum from Frederick Chun, Assistant Fire Marshall to Elaheh Kerachian, Associate Planner*. November 24.

- Contacted Underground Services Alert for public utility clearance; and
- Cleared all proposed sampling locations of subsurface utilities.

Soil Vapor Sampling and Analysis

The soil vapor investigation was conducted in accordance with the procedures outlined in the *Advisory for Active Soil Gas Investigations* (Advisory) published by DTSC, the California Regional Water Quality Control Board (RWQCB), Los Angeles region and the California RWQCB, San Francisco Bay Region dated July 2015[2]. As shown on Plate 2, soil vapor samples were advanced at thirteen locations using a truck-mounted direct-push drill rig under the supervision of a California-registered geologist.

Prior to sampling, PES verified that no significant rainfall event (of greater than 0.5 inches within a 24-hour period, as described in the Advisory) has occurred within a 5–day period of the soil vapor sampling event. In addition, PES initially advanced a pilot boring to evaluate the depth to first-encountered groundwater so that vapor probes could be properly set. Shallow groundwater was first encountered at approximately 7 feet below ground surface (bgs).

Advancement of the soil vapor probes was conducted by Environmental Control Associates, Inc. (ECA), a licensed contractor possessing a valid C-57 water well contractor's license issued by the State of California. A total of 13 soil vapor probes were completed to a total depth of approximately 5.5 to 8.5 feet bgs (depending on surface elevation) and the soil vapor inlets were placed at a depth of approximately 5 to 8 feet bgs (approximately 2 feet above groundwater at all locations). The soil vapor probes were constructed with a porous probe tip and fitted with ¼-inch diameter Teflon tubing. The probe tip was placed midway in the sand pack. The sand pack was a minimum 1-foot thick and extended above and below the probe tip screened interval. At least 1-foot of dry granular bentonite was placed above the sand pack. Following the dry bentonite emplaced on the sand pack, the boring was grouted to the surface using hydrated bentonite. The soil vapor probes were allowed to equilibrate at least two hours before the soil vapor samples were collected.

Prior to the collection of soil vapor samples from each probe, shut-in leak testing, purging, and sample train leak testing were performed. The shut-in test consisted of assembling above-ground sampling apparatus (e.g., valves, lines and fittings downstream from the top of the probe), and evacuating the lines to a measured vacuum of approximately 100 inches of water column (in-H_2O), then shutting the vacuum in with closed valves on opposite ends of the sampling train. A vacuum gauge was used to assess if there is any observable loss of vacuum (for at least one minute) prior to purging and the collection of samples. If observable vacuum

[2] DTSC, 2015. *Advisory - Active Soil Gas Investigations*. Jointly developed by the California Environmental Protection Agency Department of Toxic Substances Control (DTSC), and the California Regional Water Quality Control Board – Los Angeles Region (LARWQCB) and RWQCB - San Francisco Region (SFRWQCB). July.

loss was noted, the sample train was re-assembled, and the shut-in test repeated. This process was repeated, as necessary, until a successful shut-in test has been performed.

A default of three purge volumes were extracted prior to collecting the soil vapor samples. The stagnant air was purged using a sampling syringe. The purge volume was calculated using the volumes of: (1) the internal volume of the tubing; (2) the void space of the sand pack around the probe tip; and (3) the void space of the dry bentonite in the annular space.

In accordance with the *Advisory*, purging and collection of soil vapor samples was performed using a flow rate of 100 to 200 milliliters per minute (mL/min) and maintaining a low vacuum of less than 100 inches of water to mitigate ambient air breakthrough into samples.

A 1-liter vapor sample SUMMA canister, batch-certified clean by a California-certified analytical laboratory, was utilized to collect the soil gas sample. Each shroud and soil gas sample canister was filled until the vacuum gauge reads approximately 5 inches of mercury (Hg) or less. A duplicate sample was be collected from one random location.

Following completion of the shut-in leak test and purging, a shroud box was positioned over the wellhead with the sample collection tubing passing through the bottom. Once in position, the sample train was connected to a 1-liter soil gas sample SUMMA canister. For QA/QC evaluation, a second 1-liter SUMMA canister was placed within the shroud and used to collect a shroud air sample concurrent with each soil gas sample to quantitatively assess the propellant tracer concentration in the shroud. The shroud box was then charged by spraying the tracer propellant into the shroud box. The shroud box remained in place for the duration of sampling process.

Following the completion of the soil gas sampling, the borings were backfilled with grout. Samples were transported to KPrime Laboratory, Inc. (KPrime), of Santa Rosa, California, under chain-of-custody protocol. The soil gas samples (and duplicate) were analyzed for VOCs using U.S. EPA Test Method TO-15. The shroud samples were analyzed for 1,1-DFA by U.S. EPA Test Method TO-15. The soil vapor analytical results were compared to Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) commercial/industrial Environmental Screening Levels (ESLs)[3] for vapor intrusion risk (Table SG-1). Soil cuttings and decontamination fluids generated during the soil vapor investigation have been temporarily stored on-site pending characterization and proper off-site disposal.

Shallow Groundwater Sampling and Analysis

As with the soil vapor sampling, borehole drilling and sampling services were provided by ECA and in accordance with California Department of Water Resource Water Well Standards.

[3] SFRWQCB, 2016. *February 2016, Rev. 3, Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) Environmental Screening Levels (ESLs)*.

During drilling, a PES geologist or engineer observed the borehole drilling and prepared a lithologic log of the borings using the Unified Soil Classification System. Soil samples were field screened for VOCs using a photoionization detector (PID), and the PID readings were recorded on the lithologic log.

At nine locations (see Plate 2), the boreholes were advanced to a depth of up to approximately 15 feet bgs so that the full zone of first-encountered groundwater can be sampled. Upon reaching the target depth in each boring advanced for grab groundwater sampling, a new ¾-inch polyvinyl chloride (PVC) temporary prepacked well screen with and blank casing were lowered to the bottom of the boring. The drilling rods was then retracted to allow formation water to enter the boring. Upon stabilization of the water level (where feasible), PES collected a grab groundwater sample in laboratory-supplied, clean-certified containers using low flow sampling techniques. The sample containers were filled slowly to reduce the potential for sample volatilization, sealed and labeled, and then placed in a thermally insulated container with ice for transport to the project laboratory. A water sample was also collected form the existing 3rd-party groundwater monitoring well located in the northern corner of the subject property. All groundwater samples were submitted to Torrent Laboratory, Inc. (Torrent), of Milpitas, California, under chain-of-custody protocol and analyzed for VOCs by U.S. EPA Method 8260B.

To reduce the potential for cross-contamination between sampling locations, downhole drilling and sampling equipment were thoroughly cleaned prior to initiating work and between sampling locations. Sampling equipment was washed in a dilute Alconox (or equivalent) solution, rinsed with potable water, and final rinsed with distilled water between each sampling location. Direct-push drilling equipment were decontaminated as necessary with a high-pressure hot water wash between sampling locations. Soil cuttings and decontamination fluids are being temporarily stored on-site pending characterization and proper off-site disposal. Upon completion of sampling activities, each borehole was grouted to the surface in.

SOIL VAPOR SURVEY RESULTS

The results of the soil vapor sampling an analysis identified a number of VOCs including the following:

VOCs Identified as Compounds of Concern for Intel Magnetics Superfund Record of Decision[4]

• Benzene	• 1,1-Dichloroethane
• Cis-1,2-Dichloroethene	• Freon 113
• Tetrachloroethene	• Toluene
• 1,1,1-Trichloroethane	• Trichloroethene

As summarized on Table 1, all of the detected compounds, with the exception of benzene, were not found at concentrations above SFRWQCB commercial ESLs[5] for vapor intrusion risk (Table SG-1). Benzene was detected in all vapor samples and ranged in concentration from 1.93 $\mu g/m^3$ (SV-12) to 23.4 $\mu g/m^3$ (SV-4). Benzene exceeded the commercial/industrial vapor intrusion ESL (14 $\mu g/m^3$) in 3 of the 13 samples (SV-2, SV-4, and SV-11) and the duplicate sample for SV-4. Two of the sample locations where exceedances were identified are hydraulically downgradient if the former UST area. The third location is on the northeastern side of the subject property.

Record of Decision (ROD) compounds not detected during the soil vapor survey included Trans-1,2-Dichloroethene, 1,1-Dichloroethene, Methylene Chloride, and 1,1,2-Trichloroethane.

Other VOCs Identified During Soil Vapor Survey

• Vinyl Chloride	• Naphthalene
• Chloromethane	• Chloroethane
• Freon 11	• Freon 12
• Ethylbenzene	• Styrene
• Xylene [m, p and o]	• 1,3,5-Trimethylbenzene
• 1,2,4-Trimethylbenzene	• Carbon Tetrachloride

As summarized on Table 1, all of the detected compounds, with the exception of naphthalene, were not found at concentrations above SFRWQCB commercial ESLs[6] for vapor intrusion risk (Table SG-1). Naphthalene was identified in 8 of 13 samples (plus the SV-4 duplicate) at concentrations ranging from 1.21 $\mu g/m^3$ (SV-3) to 248 $\mu g/m^3$ (SV-1). Two samples (SV1 and SV7) had detections above the commercial ESL of 12 $\mu g/m^3$.

Laboratory analytical reports and chain of custody forms are presented in Appendix A.

---

[4] USEPA, 1991. Record of Decision: Intel Magnetics/Micro Storage Corporation Superfund Site, EPA ID: CAD092212497, Santa Clara, CA. August 1991.

[5] SFRWQCB, 2016. *February 2016, Rev. 3, Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) Environmental Screening Levels (ESLs)*.

[6] SFRWQCB, 2016. *February 2016, Rev. 3, Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) Environmental Screening Levels (ESLs)*.

GRAB GROUNDWATER SAMPLING RESULTS

As summarized on Table 2, the results of the grab groundwater sampling and analysis identified only one VOC, Freon 113, above laboratory reporting limits. This compound was detected at a concentration of 1.1 μg/L in the sample collected from GB5. This concentration is well below the ROD Cleanup Level of 1,200 μg/L. There is not an established ESL for Freon 113.

Sampling and analysis of the Intel Magnetics/Micro Storage Corporation Superfund Site well located on the northern corner of the subject property did not identify any VOCs at concentrations above laboratory reporting limits.

CONCLUSIONS

Twenty VOCs were detected in the supplemental soil vapor samples. Of the 20 VOCs detected, only two exceeded their respective commercial land use ESLs for vapor intrusion risk. Eight of the ROD-designated compounds were found with only benzene exceeding commercial screening levels. The remaining 12 VOCs appear to be breakdown products of the ROD compounds, commonly identified Freon compounds, or compounds typically associated with petroleum hydrocarbons. Concentrations of benzene are roughly of the same order of magnitude as the ESL and will likely dissipate with hardscape removal and site grading activities associated with the planned development. None of the groundwater samples in the area of the elevated benzene vapor concentrations showed evidence of the presence petroleum hydrocarbon constituents.

Naphthalene was detected above commercial vapor instruction screening levels in one location, near the former UST, at a concentration (248 $\mu g/m^3$) roughly one order of magnitude higher than the commercial vapor intrusion screening level. Because groundwater is not affected in this area, this detection is suggestive of the possible presence of residual petroleum hydrocarbons in the subsurface soil and remnants of the past UST operations. The second naphthalene detection was from a sample collected in the south central portion of the site. The source of this detection, with a concentration roughly equivalent to the ESL, is unknown but is not considered significant.

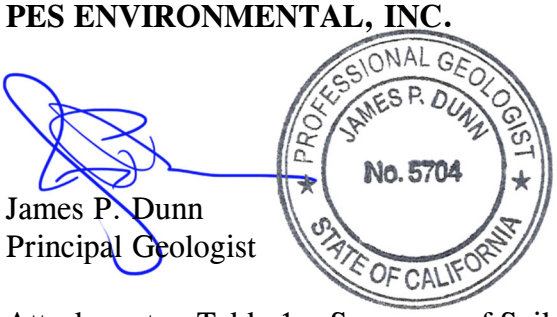
The absence of ROD-designated compounds in shallow groundwater on the western portion of the property suggests that the VOC-containing groundwater plume associated with adjacent off-site Intel Magnetics/Micro Storage Corporation Superfund Site has not significantly encroached onto the subject property.

Based on the results of the supplemental soil vapor and grab groundwater investigation, the soil management plan recommended by PES in the Phase I Environmental Site Assessment[7] be modified to include focused soil removal in the vicinity of the former UST to removal any residual soil significantly affected by petroleum hydrocarbons. In addition, the SMP will include testing in the area of the elevated benzene soil vapor concentrations following hardscape removal and site grading activities. If concentrations are found to be below commercial ESLs, then no further action would be recommended. If concentrations remain slightly elevated, soil remediation or installation of a vapor intrusion mitigation system may be warranted in the benzene-affected area.

Please feel free to contact James Dunn at (415) 899-1600 should you have any questions regarding this report.

Very truly yours,

PES ENVIRONMENTAL, INC.



James P. Dunn
Principal Geologist

Attachments: Table 1 – Summary of Soil Vapor Analytical Results
Table 2 – Summary of Grab and Monitoring Well Groundwater Analytical Results
Plate 1 – Site Location
Plate 2 – Site Plan and Sample Locations

Appendix A – Laboratory Analytical Results and Chain-of-Custody Documentation

[7] PES Environmental, Inc. 2020. *Phase I Environmental Site Assessment, 2980 and 3000 Bowers Avenue, Santa Clara, California*. July 22.

TABLES

Table 1
Summary of Soil Vapor Analytical Results
3000 Bowers Avenue
Santa Clara, California

Sample ID	Sample Date	Approximate Sample Depth (ft bgs)	Benzene (µg/m³)	Vinyl Chloride (µg/m³)	1,1-Dichloroethane (µg/m³)	cis-1,2-Dichloroethene (µg/m³)	trans-1,2-Dichloroethene (µg/m³)	1,1-Dichloroethene (µg/m³)	Freon 113 (µg/m³)	Methylene Chloride (µg/m³)	Naphthalene (µg/m³)	Tetrachloroethene (µg/m³)	Toluene (µg/m³)	1,1,1-Trichloroethane (µg/m³)	1,1,2-Trichloroethane (µg/m³)	Trichloroethene (µg/m³)	Other VOCs (µg/m³)	1,1-Difloroethane (leak detection compound)		
																		Sample (ppmv)	Shroud (ppmv)	Percentage (pass)
SV1	3/25/2021	5.0	**12.3**	<0.0895	**1.98**	<0.397	<0.396	<0.397	<3.83	<10.4	**248**	**1.00**	**44.6**	<0.546	<0.546	<0.537	**chloromethane (1.88) ethylbenzene (36.4) xylene [m,p] (164) xylene [o] (88.7) 1,3,5-TMB (91.0) 1,2,4-TMB (262)**	<10	2110	<.47% (yes)
SV2	3/25/2021	5.0	**14.1**	**0.458**	<0.810	<0.793	<0.793	<0.793	<7.66	<20.8	<2.10	<1.36	**14.5**	<1.09	<1.09	<1.07	**Freon 12 (2.22) chloromethane (0.732) chloroethane (0.632) ethylbenzene (2.09) xylene [m,p] (6.84) xylene [o] (3.18) 1,3,5-TMB (1.18) 1,2,4-TMB (3.12)**	<10	832	<1.2% (yes)
SV3	3/25/2021	5.0	**4.03**	**0.689**	<0.405	<0.397	<0.396	<0.397	<3.83	<10.4	**1.21**	**2.35**	**4.12**	<0.546	<0.546	<0.537	**chloromethane (7.16) chloroethane (0.4878 Freon 11 (1.70) xylene [m,p] (2.51) xylene [o] (1.14) 1,3,5-TMB (0.818) 1,2,4-TMB (1.81)**	1850	690	N/A (no*)
SV4	3/25/2021	5.0	**21.3**	**2.89**	<1.62	<1.59	<1.59	<1.59	<15.3	<41.7	**6.89**	<2.71	**21.8**	<2.18	<2.18	<2.15	**Freon 12 (3.03) chloromethane (5.02) chloroethane (1.59) ethylbenzene (4.06) xylene [m,p] (13.4) styrene (3.30) xylene [o] (5.97) 1,3,5-TMB (2.89) 1,2,4-TMB (5.50)**	<10	6260	<0.16% (yes)
SV4-dup			**23.4**	**3.81**	<1.62	<1.59	<1.59	<1.59	<15.3	<41.7	**6.39**	<2.71	**24.0**	<2.18	<2.18	<2.15	**Freon 12 (2.92) chloromethane (5.70) chloroethane (2.23) ethylbenzene (4.21) xylene [m,p] (14.8) styrene (2.92) xylene [o] (6.60) 1,3,5-TMB (2.75) 1,2,4-TMB (6.69)**	<10	6260	<0.16% (yes)
SV5	3/25/2021	5.0	**10.7**	<0.0895	<0.405	<0.397	<0.396	<0.397	<3.83	<10.4	<1.05	<0.678	**19.0**	<0.546	<0.546	<0.537	**ethylbenzene (1.54) xylene [m,p] (7.56) xylene [o] (2.73) 1,3,5-TMB (0.955) 1,2,4-TMB (1.90)**	<10	604	<1.7% (yes)
SV6	3/25/2021	5.0	**1.94**	<0.0895	<0.405	<0.397	<0.396	<0.397	<3.83	<10.4	**1.42**	<0.678	**5.19**	<0.546	<0.546	<0.537	**ethylbenzene (26) xylene [m,p] (121) xylene [o] (83.5) 1,3,5-TMB (0.503) 1,2,4-TMB (1.09)**	<10	1850	<0.54% (yes)
SV7	3/25/2021	5.0	**8.35**	<0.0895	<0.405	<0.397	<0.396	<0.397	<3.83	<10.4	**12.5**	<0.678	**18.7**	**2.22**	<0.546	<0.537	**Freon 12 (0.788) ethylbenzene (5.29) xylene [m,p] (20.9) xylene [o] (9.81) 1,3,5-TMB (6.93) 1,2,4-TMB (18.3)**	<10	264	<3.8% (yes)
SV8	3/25/2021	5.0	**12.60**	<0.0895	<0.405	<0.397	<0.396	<0.397	<3.83	<10.4	**4.13**	<0.678	**20.5**	**1.15**	<0.546	<0.537	**Freon 12 (1.59) chloromethane (0.482) ethylbenzene (68.1) xylene [m,p] (322) styrene (0.598) xylene [o] (108) 1,3,5-TMB (3.66) 1,2,4-TMB (8.24)**	<10	4030	<0.25% (yes)
SV9	3/25/2021	7.0	**5.83**	**0.288**	<0.405	<0.397	<0.396	<0.397	<3.83	<10.4	<1.05	<0.678	**5.91**	<0.546	<0.546	<0.537	**Freon 12 (2.65) chloroethane (0.355) Freon 11 (1.94) carbon tetrachloride (1.47) ethylbenzene (1.26) xylene [m,p] (3.08) styrene (1.18) xylene [o] (2.36) 1,3,5-TMB (0.848) 1,2,4-TMB (2.41)**	<10	2220	<0.45% (yes)

Table 1
Summary of Soil Vapor Analytical Results
3000 Bowers Avenue
Santa Clara, California

Sample ID	Sample Date	Approximate Sample Depth (ft bgs)	Benzene (µg/m^3)	Vinyl Chloride (µg/m^3)	1,1-Dichloroethane (µg/m^3)	cis-1,2-Dichloroethene (µg/m^3)	trans-1,2-Dichloroethene (µg/m^3)	1,1-Dichloroethene (µg/m^3)	Freon 113 (µg/m^3)	Methylene Chloride (µg/m^3)	Naphthalene (µg/m^3)	Tetrachloroethene (µg/m^3)	Toluene (µg/m^3)	1,1,1-Trichloroethane (µg/m^3)	1,1,2-Trichloroethane (µg/m^3)	Trichloroethene (µg/m^3)	Other VOCs (µg/m^3)	1,1-Difloroethane (leak detection compound)		
																		Sample (ppmv)	Shroud (ppmv)	Percentage (pass)
SV10	3/25/2021	8.0	**6.04**	<0.0895	<0.405	<0.397	<0.396	<0.397	<3.83	<10.4	**1.43**	<0.678	**11.0**	<0.546	<0.546	**2.01**	**Freon 12 (2.81) chloromethane (1.63) Freon 11 (2.70) carbon tetrachloride (1.23) ethylbenzene (2.00) xylene [m,p] (5.18) styrene (3.52) xylene [o] (4.93) 1,3,5-TMB (1.18) 1,2,4-TMB (3.56)**	<10	448	<2.2% (yes)
SV11	3/25/2021	7.5	**15.4**	**0.796**	<1.21	**2.70**	<1.19	<1.19	<11.5	<31.3	<3.15	<2.03	**44.8**	<1.64	<1.64	<1.61	**ethylbenzene (6.52) xylene [m,p] (25.3) xylene [o] (12.5) styrene (2.96) 1,3,5-TMB (12.1) 1,2,4-TMB (19.3)**	<10	1100	<0.91% (yes)
SV12	3/25/2021	7.5	**1.93**	<0.0895	<0.405	<0.397	<0.396	<0.397	<3.83	<10.4	**2.35**	<0.678	**3.81**	<0.546	<0.546	<0.537	**ethylbenzene (3.12) xylene [m,p] (11.3) xylene [o] (6.79) 1,3,5-TMB (1.22) 1,2,4-TMB (5.57)**	<10	264	<3.8% (yes)
SV13	3/25/2021	7.0	**6.72**	**1.74**	<0.405	<0.397	<0.396	<0.397	**9.24**	<10.4	<1.05	<0.678	**4.26**	<0.546	<0.546	<0.537	**Freon 12 (1.16) chloromethane (2.19) chloroethane (0.643) Freon 11 (1.40) chloroform (0.489) carbon tetrachloride (1.24) xylene [m,p] (1.89) styrene (1.23) xylene [o] (1.49) 1,3,5-TMB (0.677)**	<10	1190	<0.84% (yes)
Commercial/Industrial Vapor Intrusion ESL [(1)]	14	5.2	260	1,200	12,000	10,000	NE	410	12	67	44,000	150,000	29	290	varies					

Detections shown in **bold**.
Results equal to exceeding the commercial/industrial vapor intrusion Environmental Screening Levels (ESLs) are shaded.
*The results from SV3 may be biased low do to leakage

Abbreviations:
bgs = below ground surface
µg/m^3 = micrograms per cubic meter
ppmv = parts per million volume
<0.62 = not detected at or above the indicated Method Detection Limit (MDL)
1,3,5 -TMB = 1,3,5-trimethylbenzene
1,2,4 -TMB = 1,2,4-trimethylbenzene
Freon 113 = trichlorotrifluoroethane
Freon 12 = dichlorodifluoromethane
Freon 11 = trichlorofluoromethane

Notes:
1. Commercial/Industrial Vapor Intrusion ESL = July 2019 (Rev. 2) Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) Vapor ESLs, Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels (Table SG-1), Commercial/Industrial

Table 2
Summary of Grab and Monitoring Well Groundwater Analytical Results
3000 Bowers Avenue
Santa Clara, California

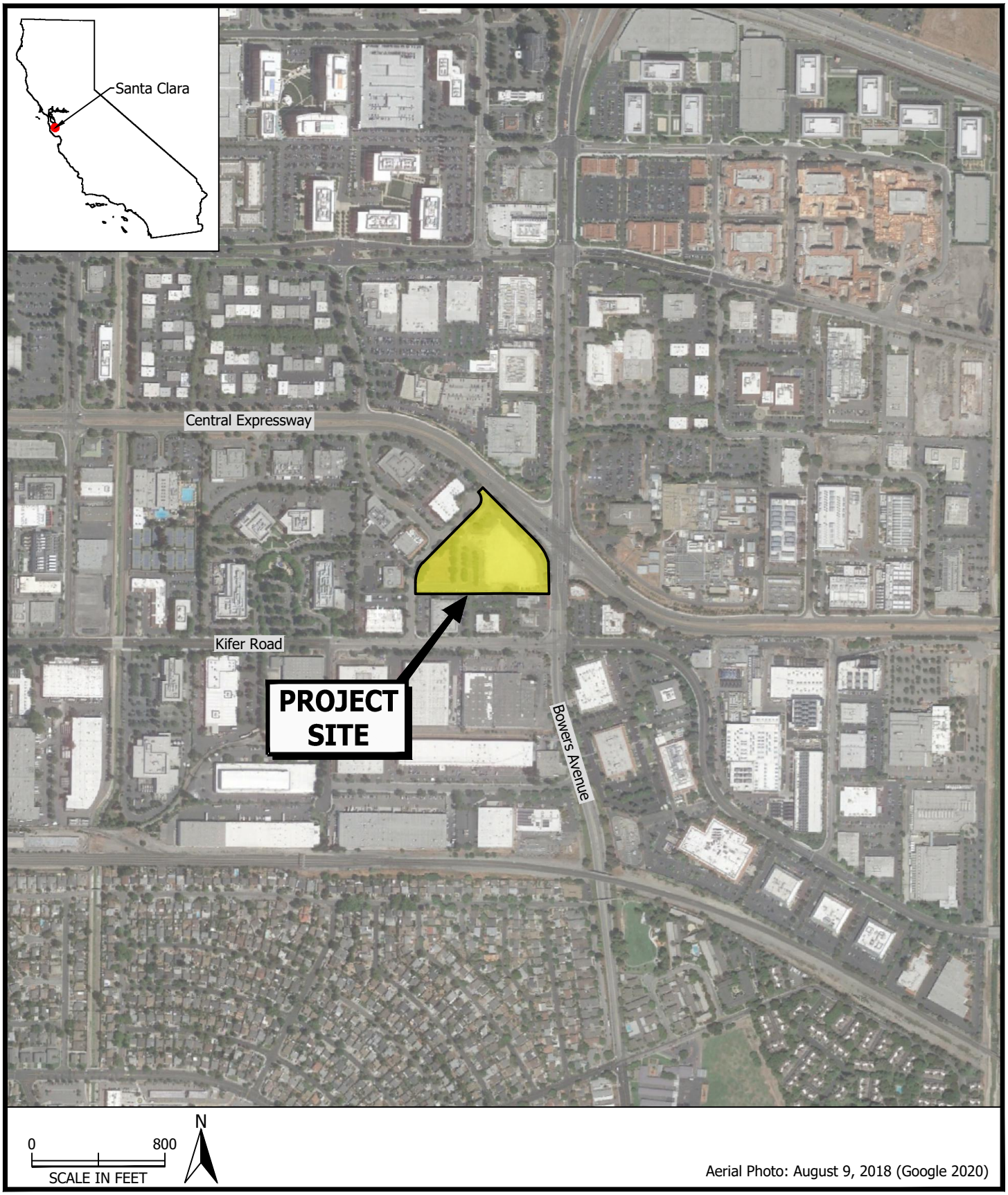
Sample ID	Sample Date	Benzene (µg/L)	1,1-Dichloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	1,1-Dichloroethene (µg/L)	Freon 113 (µg/L)	Methylene Chloride (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Other VOCs (µg/L)
GB1	3/24/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
GB2	3/24/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
GB3	3/24/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
GB4	3/25/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
GB5	3/25/2021	<0.50	<0.50	<0.50	<0.50	<0.50	**1.1**	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
GB6	3/25/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
GB7	3/25/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
GB8	3/25/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
GB9	3/25/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
IM-7	3/24/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
TB_03242021	3/24/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
TB_03252021	3/25/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	all ND
Commercial/Industrial Groundwater Vapor Intrusion ESL[1]		1.8	33	210	920	280	NE	94	2.8	4900	6,300	23	7.5	varies
GW Tier 1 ESL[2]		0.42	5	6	10	3.2	NE	5	0.64	40	62	5	1.2	varies
Intel Magnetics ROD Cleanup Level[3]		1	5	6	10	4	1200	40	5	100	200	32	5.0	varies

Detections shown in **bold**.
Results equal to exceeding commercia/industrial groundwater vapor intrusion and/or groundwater Tier 1 Environmental Screening Levels (ESLs) and/or IM-ROD Cleanup Levels are shaded.

Abbreviations:
µg/L = micrograms per liter

Notes:
1. Commercial/Industrial Groundwater Vapor Intrusion ESL = 2019 (Rev. 2) Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) Groundwater ESLs, Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), Commercial/Industrial.
2. GW Tier 1 ESL = 2019 (Rev. 2) Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) Groundwater ESLs, GW Tier 1 ESL.
3. USEPA, 1991. *Record of Decision: Intel Magnetics/Micro Storage Corporation Superfund Site, EPA ID: CAD092212497, Santa Clara, CA.* August 1991.

ILLUSTRATIONS



PES Environmental, Inc.
Engineering & Environmental Services

Site Location
Soil Vapor and Shallow Groundwater Investigation
3000 Bowers Avenue
Santa Clara, California

PLATE
1

126.069.03.005	12606903005_SVSGI_1-2	JPD	5/21
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Explanation

- Approximate Property Boundary
- IM-7 — Existing Monitoring Well Location
- GB3 — Grab Groundwater Location
- SV5 — Soil Vapor Sample Location
- SB- — Soil Boring Location

N

0 80

SCALE IN FEET

Note: The original version of this figure includes color-designated features. A black and white copy of the figure may not accurately represent the information originally presented.

PES Environmental, Inc.
Engineering & Environmental Services

Site Plan and Sampling Locations
Soil Vapor and Shallow Groundwater Investigation
3000 Bowers Avenue
Santa Clara, California

PLATE 2

126.069.03.005	12606903005_SVSGI_1-2	JPD	5/21
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

APPENDIX A

LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION

PES Environmental, Inc
7665 Redwood Blvd. Suite 200
Novato, California 94945
Tel: (415) 899-1600
Fax: (415) 899-1601

RE: 3000 Bowers Avenue, Santa Clara, CA

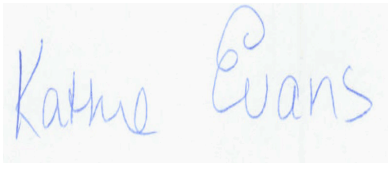
Work Order No.: 2103241

Dear Gary Thomas:

Torrent Laboratory, Inc. received 5 sample(s) on March 24, 2021 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



Kathie Evans
Project Manager

March 29, 2021
Date

Date: 3/29/2021

Client: PES Environmental, Inc

Project: 3000 Bowers Avenue, Santa Clara, CA

Work Order: 2103241

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Gary Thomas
PES Environmental, Inc

Date Received: 03/24/21
Date Reported: 03/29/21

IM7 2103241-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

TB_03242021 2103241-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GB1-GW 2103241-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GB2-GW 2103241-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GB3-GW 2103241-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	IM7	**Lab Sample ID:**	2103241-001A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 8:31		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/25/21	17:57	JZ	455262
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/25/21	17:57	JZ	455262
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/25/21	17:57	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	IM7	**Lab Sample ID:**	2103241-001A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 8:31		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/25/21	17:57	JZ	455262
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	17:57	JZ	455262
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/25/21	17:57	JZ	455262
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/25/21	17:57	JZ	455262
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/25/21	17:57	JZ	455262
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	17:57	JZ	455262
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	17:57	JZ	455262
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**102**		%	03/25/21	17:57	JZ	455262
(S) Toluene-d8	SW8260B		75.1 - 127		**95.4**		%	03/25/21	17:57	JZ	455262
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**94.6**		%	03/25/21	17:57	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	TB_03242021	**Lab Sample ID:**	2103241-002A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 8:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/25/21	16:17	JZ	455262
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/25/21	16:17	JZ	455262
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/25/21	16:17	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	TB_03242021	**Lab Sample ID:**	2103241-002A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 8:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/25/21	16:17	JZ	455262
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	16:17	JZ	455262
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/25/21	16:17	JZ	455262
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/25/21	16:17	JZ	455262
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/25/21	16:17	JZ	455262
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	16:17	JZ	455262
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	16:17	JZ	455262
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**97.3**		%	03/25/21	16:17	JZ	455262
(S) Toluene-d8	SW8260B		75.1 - 127		**93.2**		%	03/25/21	16:17	JZ	455262
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**100**		%	03/25/21	16:17	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	GB1-GW	**Lab Sample ID:**	2103241-003A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 10:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/25/21	18:26	JZ	455262
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/25/21	18:26	JZ	455262
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/25/21	18:26	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	GB1-GW	**Lab Sample ID:**	2103241-003A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 10:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21	11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/25/21	18:26	JZ	455262
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:26	JZ	455262
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/25/21	18:26	JZ	455262
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/25/21	18:26	JZ	455262
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/25/21	18:26	JZ	455262
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	18:26	JZ	455262
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	18:26	JZ	455262
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**97.1**		%	03/25/21	18:26	JZ	455262
(S) Toluene-d8	SW8260B		75.1 - 127		**94.8**		%	03/25/21	18:26	JZ	455262
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**91.3**		%	03/25/21	18:26	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	GB2-GW	**Lab Sample ID:**	2103241-004A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 12:15		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/25/21	18:55	JZ	455262
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/25/21	18:55	JZ	455262
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/25/21	18:55	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	GB2-GW	**Lab Sample ID:**	2103241-004A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 12:15		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/25/21	18:55	JZ	455262
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	18:55	JZ	455262
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/25/21	18:55	JZ	455262
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/25/21	18:55	JZ	455262
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/25/21	18:55	JZ	455262
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	18:55	JZ	455262
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	18:55	JZ	455262
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**97.1**		%	03/25/21	18:55	JZ	455262
(S) Toluene-d8	SW8260B		75.1 - 127		**97.7**		%	03/25/21	18:55	JZ	455262
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**98.5**		%	03/25/21	18:55	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	GB3-GW	**Lab Sample ID:**	2103241-005A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 14:30		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/25/21	19:25	JZ	455262
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/25/21	19:25	JZ	455262
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/25/21	19:25	JZ	455262

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/24/21, 3:37 pm
Date Reported: 03/29/21

Client Sample ID:	GB3-GW	**Lab Sample ID:**	2103241-005A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/24/21 / 14:30		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/25/21 11:21:00AM
Prep Batch ID:	1130333	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/25/21	19:25	JZ	455262
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/25/21	19:25	JZ	455262
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/25/21	19:25	JZ	455262
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/25/21	19:25	JZ	455262
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/25/21	19:25	JZ	455262
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	19:25	JZ	455262
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/25/21	19:25	JZ	455262
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**105**		%	03/25/21	19:25	JZ	455262
(S) Toluene-d8	SW8260B		75.1 - 127		**99.7**		%	03/25/21	19:25	JZ	455262
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**105**		%	03/25/21	19:25	JZ	455262

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103241	**Prep Method:**	5030VOC	**Prep Date:**	03/25/21	**Prep Batch:**	1130333
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/25/2021	**Analytical Batch:**	455262
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	1.0	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	2.9	5.0	ND	
DIPE	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	ND	
Benzene	0.065	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103241	**Prep Method:**	5030VOC	**Prep Date:**	03/25/21	**Prep Batch:**	1130333
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/25/2021	**Analytical Batch:**	455262
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
n-Propylbenzene	0.30	0.50	ND		
Bromobenzene	0.15	0.50	ND		
1,1,2,2-Tetrachloroethane	0.079	0.50	ND		
2-Chlorotoluene	0.25	0.50	ND		
1,3,5-Trimethylbenzene	0.24	0.50	ND		
1,2,3-Trichloropropane	0.15	0.50	ND		
4-Chlorotoluene	0.22	0.50	ND		
tert-Butylbenzene	0.26	0.50	ND		
1,2,4-Trimethylbenzene	0.23	0.50	ND		
sec-Butyl Benzene	0.30	0.50	ND		
p-Isopropyltoluene	0.27	0.50	ND		
1,3-Dichlorobenzene	0.17	0.50	ND		
1,4-Dichlorobenzene	0.18	0.50	ND		
n-Butylbenzene	0.27	0.50	ND		
1,2-Dichlorobenzene	0.16	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND		
Hexachlorobutadiene	0.62	2.0	ND		
1,2,4-Trichlorobenzene	0.93	2.0	ND		
Naphthalene	1.2	2.0	ND		
1,2,3-Trichlorobenzene	1.2	2.0	ND		
(S) Dibromofluoromethane			93.3		
(S) Toluene-d8			97.3		
(S) 4-Bromofluorobenzene			93.6		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2103241	**Prep Method:**	5030VOC	**Prep Date:**	03/25/21	**Prep Batch:**	1130333
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/25/2021	**Analytical Batch:**	455262
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	82.5	78.8	4.17	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	93.2	86.5	7.50	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	95.1	93.7	1.78	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	102	99.5	2.22	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	98.9	98.8	0.000	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	96.2	86.9		61.2 - 131		
(S) Toluene-d8				17.9	107	102		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	102	98.4		64.1 - 120		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: PES Environmental, Inc

Project Name: 3000 Bowers Avenue, Santa Clara, CA

Work Order No.: 2103241

Date and Time Received: 3/24/2021 3:37:00PM

Received By: HU

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	6.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	Yes			

pH Checked by: n/a

pH Adjusted by: n/a

Comments:

Login Summary Report

Client ID: TL5146 PES Environmental, Inc
Project Name: 3000 Bowers Avenue, Santa Clara, CA
Project # : 126.069.03.004
Report Due Date: 3/29/2021

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/24/2021
Time Received: 3:37 pm

Comments:

Work Order # : ***2103241***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103241-001A	IM7	03/24/21 8:31	Water	05/08/21			VOC_W_8260B EDF	
2103241-002A	TB_03242021	03/24/21 8:00	Water	05/08/21			VOC_W_8260B	
2103241-003A	GB1-GW	03/24/21 10:50	Water	05/08/21			VOC_W_8260B	
2103241-004A	GB2-GW	03/24/21 12:15	Water	05/08/21			VOC_W_8260B	
2103241-005A	GB3-GW	03/24/21 14:30	Water	05/08/21			VOC_W_8260B	

Torrent LABORATORY, INC.

210324

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

7665 Redwood Boulevard, Suite 200
Novato, California 94945
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent Labs

SAMPLERS: Jaoly Schommer

JOB NUMBER: 126.069.03.004

NAME / LOCATION: 3000 Bowers Avenue, Santa Clara, CA

PROJECT MANAGER: G. Thomas & J. Dunn

RECORDER: Jaoly Schommer

YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	Vapor	Water	Soil	Sedim't	Unpres.	EnCore	H_2SO_4	HNO_3	HCl	DEPTH IN FEET	EPA 5035/8010	EPA 5035/8021	EPA ~~5035~~/8260B VOCs	TPHg by 5035/8015M	TPHd by 8015M	TPHmo by 8015M	EPA 8270C	MNA Parameters (see notes)	
21	03	24	0831	IM7		X							3				X						-001A
↓	↓	↓	0800	TB_03242021		X							2				X						-002A
																	~~X~~ 2/9 3/24/2021						
↓	↓	↓	1050	GB1-GW		X							3				X						-003A
↓	↓	↓	1215	GB2-GW		X							3				X						-004A
↓	↓	↓	1430	GB3-GW		X							3				X						-005A

NOTES

Turn Around Time: Standard TAT

GeoTracker EDF files required w/ deliverables

Page 1 of 1

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
Ivan Tropeano 3/24/2021	[signature]	3/24	204
[signature] 3/24/2021	[signature] / Torrent Lab	3/24/21	1537

DISPATCHED BY: (Signature)	DATE	TIME	RECEIVED FOR LAB BY: (Signature)	DATE	TIME

METHOD OF SHIPMENT: picked up by courier in cooler packed full w/ ice.

WHITE-Laboratory COPY YELLOW-Project Office Copy PINK-Field or Office Copy

FCS Temp=6°C #2

PES Environmental, Inc
7665 Redwood Blvd. Suite 200
Novato, California 94945
Tel: (415) 899-1600
Fax: (415) 899-1601

RE: 3000 Bowers Avenue, Santa Clara, CA

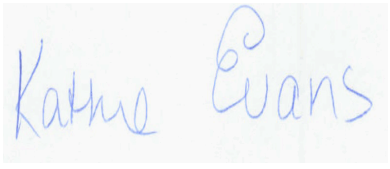
Work Order No.: 2103252

Dear Gary Thomas:

Torrent Laboratory, Inc. received 7 sample(s) on March 25, 2021 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



Kathie Evans
Project Manager

March 30, 2021
Date

Date: 3/30/2021

Client: PES Environmental, Inc

Project: 3000 Bowers Avenue, Santa Clara, CA

Work Order: 2103252

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Gary Thomas
PES Environmental, Inc

Date Received: 03/25/21
Date Reported: 03/30/21

TB-03252021 2103252-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GB4-GW 2103252-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GB5-GW 2103252-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Freon 113	SW8260B	1	0.34	0.50	1.1	ug/L

GB6-GW 2103252-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GB7-GW 2103252-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GB9-GW 2103252-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GB8-GW 2103252-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	TB-03252021	**Lab Sample ID:**	2103252-001A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 8:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/26/21	14:52	JZ	455304
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/26/21	14:52	JZ	455304
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/26/21	14:52	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	TB-03252021	**Lab Sample ID:**	2103252-001A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 8:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21	11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/26/21	14:52	JZ	455304
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	14:52	JZ	455304
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/26/21	14:52	JZ	455304
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/26/21	14:52	JZ	455304
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/26/21	14:52	JZ	455304
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	14:52	JZ	455304
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	14:52	JZ	455304
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**106**		%	03/26/21	14:52	JZ	455304
(S) Toluene-d8	SW8260B		75.1 - 127		**94.3**		%	03/26/21	14:52	JZ	455304
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**97.5**		%	03/26/21	14:52	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB4-GW	**Lab Sample ID:**	2103252-002A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 13:55		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/26/21	18:18	JZ	455304
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/26/21	18:18	JZ	455304
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/26/21	18:18	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB4-GW	**Lab Sample ID:**	2103252-002A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 13:55		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/26/21	18:18	JZ	455304
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:18	JZ	455304
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/26/21	18:18	JZ	455304
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/26/21	18:18	JZ	455304
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/26/21	18:18	JZ	455304
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	18:18	JZ	455304
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	18:18	JZ	455304
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**108**		%	03/26/21	18:18	JZ	455304
(S) Toluene-d8	SW8260B		75.1 - 127		**93.1**		%	03/26/21	18:18	JZ	455304
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**89.1**		%	03/26/21	18:18	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB5-GW	**Lab Sample ID:**	2103252-003A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 14:40		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Freon 113	SW8260B	1	0.34	0.50	**1.1**		ug/L	03/26/21	18:47	JZ	455304
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/26/21	18:47	JZ	455304
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/26/21	18:47	JZ	455304
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/26/21	18:47	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB5-GW	**Lab Sample ID:**	2103252-003A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 14:40		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/26/21	18:47	JZ	455304
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	18:47	JZ	455304
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/26/21	18:47	JZ	455304
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/26/21	18:47	JZ	455304
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/26/21	18:47	JZ	455304
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	18:47	JZ	455304
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	18:47	JZ	455304
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**103**		%	03/26/21	18:47	JZ	455304
(S) Toluene-d8	SW8260B		75.1 - 127		**98.7**		%	03/26/21	18:47	JZ	455304
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**89.0**		%	03/26/21	18:47	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB6-GW	**Lab Sample ID:**	2103252-004A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 15:30		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/26/21	19:17	JZ	455304
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/26/21	19:17	JZ	455304
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/26/21	19:17	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB6-GW	**Lab Sample ID:**	2103252-004A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 15:30		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21	11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/26/21	19:17	JZ	455304
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:17	JZ	455304
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/26/21	19:17	JZ	455304
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/26/21	19:17	JZ	455304
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/26/21	19:17	JZ	455304
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	19:17	JZ	455304
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	19:17	JZ	455304
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**113**		%	03/26/21	19:17	JZ	455304
(S) Toluene-d8	SW8260B		75.1 - 127		**93.7**		%	03/26/21	19:17	JZ	455304
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**95.0**		%	03/26/21	19:17	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB7-GW	**Lab Sample ID:**	2103252-005A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 16:05		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/26/21	19:46	JZ	455304
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/26/21	19:46	JZ	455304
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/26/21	19:46	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB7-GW	**Lab Sample ID:**	2103252-005A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 16:05		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21	11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/26/21	19:46	JZ	455304
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	19:46	JZ	455304
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/26/21	19:46	JZ	455304
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/26/21	19:46	JZ	455304
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/26/21	19:46	JZ	455304
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	19:46	JZ	455304
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	19:46	JZ	455304
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**105**		%	03/26/21	19:46	JZ	455304
(S) Toluene-d8	SW8260B		75.1 - 127		**96.6**		%	03/26/21	19:46	JZ	455304
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**96.4**		%	03/26/21	19:46	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB9-GW	**Lab Sample ID:**	2103252-006A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 16:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/26/21	15:22	JZ	455304
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/26/21	15:22	JZ	455304
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/26/21	15:22	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB9-GW	**Lab Sample ID:**	2103252-006A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 16:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/26/21	15:22	JZ	455304
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/26/21	15:22	JZ	455304
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/26/21	15:22	JZ	455304
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/26/21	15:22	JZ	455304
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/26/21	15:22	JZ	455304
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	15:22	JZ	455304
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/26/21	15:22	JZ	455304
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**95.7**		%	03/26/21	15:22	JZ	455304
(S) Toluene-d8	SW8260B		75.1 - 127		**95.3**		%	03/26/21	15:22	JZ	455304
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**86.4**		%	03/26/21	15:22	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB8-GW	**Lab Sample ID:**	2103252-007A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 17:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	4.2	1.1	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,1-Dichloroethene	SW8260B	4.2	0.60	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Methylene Chloride	SW8260B	4.2	0.55	4.2	ND		ug/L	03/26/21	20:16	JZ	455304
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
MTBE	SW8260B	4.2	0.32	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
tert-Butanol	SW8260B	4.2	12	21	ND		ug/L	03/26/21	20:16	JZ	455304
DIPE	SW8260B	4.2	0.51	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
ETBE	SW8260B	4.2	0.27	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Benzene	SW8260B	4.2	0.27	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
TAME	SW8260B	4.2	0.30	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Toluene	SW8260B	4.2	0.60	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Chlorobenzene	SW8260B	4.2	0.68	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Ethylbenzene	SW8260B	4.2	0.82	2.1	ND		ug/L	03/26/21	20:16	JZ	455304

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Gary Thomas
PES Environmental, Inc

Date/Time Received: 03/25/21, 5:55 pm
Date Reported: 03/30/21

Client Sample ID:	GB8-GW	**Lab Sample ID:**	2103252-007A
Project Name/Location:	3000 Bowers Avenue, Santa Clara, CA	**Sample Matrix:**	Water
Project Number:	126.069.03.004		
Date/Time Sampled:	03/25/21 / 17:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/26/21 11:48:00AM
Prep Batch ID:	1130367	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
m,p-Xylene	SW8260B	4.2	1.7	4.2	ND		ug/L	03/26/21	20:16	JZ	455304
o-Xylene	SW8260B	4.2	0.65	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Styrene	SW8260B	4.2	0.46	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
n-Propylbenzene	SW8260B	4.2	1.2	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
n-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	03/26/21	20:16	JZ	455304
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	03/26/21	20:16	JZ	455304
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	03/26/21	20:16	JZ	455304
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	03/26/21	20:16	JZ	455304
Naphthalene	SW8260B	4.2	5.1	8.4	ND		ug/L	03/26/21	20:16	JZ	455304
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	03/26/21	20:16	JZ	455304
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**104**		%	03/26/21	20:16	JZ	455304
(S) Toluene-d8	SW8260B		75.1 - 127		**94.8**		%	03/26/21	20:16	JZ	455304
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**98.2**		%	03/26/21	20:16	JZ	455304

NOTE: Reporting limits raised due to foaming sample.

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103252	**Prep Method:**	5030VOC	**Prep Date:**	03/26/21	**Prep Batch:**	1130367
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/26/2021	**Analytical Batch:**	455304
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	1.0	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	2.9	5.0	ND	
DIPE	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	ND	
Benzene	0.065	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103252	**Prep Method:**	5030VOC	**Prep Date:**	03/26/21	**Prep Batch:**	1130367
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/26/2021	**Analytical Batch:**	455304
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			100	
(S) Toluene-d8			99.2	
(S) 4-Bromofluorobenzene			102	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2103252	**Prep Method:**	5030VOC	**Prep Date:**	03/26/21	**Prep Batch:**	1130367
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/26/2021	**Analytical Batch:**	455304
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	95.8	95.2	0.587	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	106	105	1.06	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	107	103	4.26	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	113	107	6.12	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	108	103	4.23	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	113	108		61.2 - 131		
(S) Toluene-d8				17.9	113	107		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	112	111		64.1 - 120		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: PES Environmental, Inc

Project Name: 3000 Bowers Avenue, Santa Clara, CA

Work Order No.: 2103252

Date and Time Received: 3/25/2021 5:55:00PM

Received By: Lorna Imbat

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	No
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	5.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: N/A

pH Adjusted by: N/A

Comments:

A couple of vials for sample 006 rec'd broken

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5146 PES Environmental, Inc
Project Name: 3000 Bowers Avenue, Santa Clara, CA
Project # : 126.069.03.004
Report Due Date: 3/30/2021

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/25/2021
Time Received: 5:55 pm

Comments:

Work Order # : ***2103252***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103252-001A	TB-03252021	03/25/21 8:00	Water	05/09/21			EDF VOC_W_8260B	
2103252-002A	GB4-GW	03/25/21 13:55	Water	05/09/21			VOC_W_8260B	
2103252-003A	GB5-GW	03/25/21 14:40	Water	05/09/21			VOC_W_8260B	
2103252-004A	GB6-GW	03/25/21 15:30	Water	05/09/21			VOC_W_8260B	
2103252-005A	GB7-GW	03/25/21 16:05	Water	05/09/21			VOC_W_8260B	
2103252-006A	GB9-GW	03/25/21 16:50	Water	05/09/21			VOC_W_8260B	
Sample Note:	-006: only 1 vial available (2 were broken)							
2103252-007A	GB8-GW	03/25/21 17:00	Water	05/09/21			VOC_W_8260B	

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

210252

7665 Redwood Boulevard, Suite 200
Novato, California 94945
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent Labs
SAMPLERS: L. Tropeano
JOB NUMBER: 126.069.03.004
NAME / LOCATION: 3000 Bowers Avenue, Santa Clara, CA
PROJECT MANAGER: G. Thomas & J. Dunn
RECORDER: L. Tropeano

DATE YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	MATRIX: Vapor	Water	Soil	Sedim't	# of Containers & Preservatives: Unpres.	EnCore	H_2SO_4	HNO_3	HCl	DEPTH IN FEET	ANALYSIS REQUESTED: EPA 5035/8010	EPA 5035/8021	EPA ~~5035~~/8260B VOCs	TPHg by 5035/8015M	TPHd by 8015M	TPHmo by 8015M	EPA 8270C	MNA Parameters (see notes)
21	03	25	0800	TB_03252021		X							2									
↓	↓	↓	1355	GB4-GW		X							3				X					-001A
			1440	GB5-GW		X							3				X					-002A
			1530	GB6-GW		X							3				X					-003A
			1605	GB7-GW		X							3				X					-004A
			1650	GB8-GW		X							3				X					-005A
↓	↓	↓	1700	GB8-GW		X							3				X					-006A
																	X					-007A

NOTES

Turn Around Time: Standard TAT

GeoTracker EDF files Required w/deliverables

Page 1 of 1

CHAIN OF CUSTODY RECORD

		DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	3/25/21	1726
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature) L-D-Imbsat	3-26-21	0800
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)		
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)		
DISPATCHED BY: (Signature) DATE TIME	RECEIVED FOR LAB BY: (Signature)	DATE	TIME

METHOD OF SHIPMENT: picked up in cooler packed full w/ice by lab courier. FC Temp: 5°C

WHITE-Laboratory COPY YELLOW-Project Office Copy PINK-Field or Office Copy

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 4/20/2021

TO: MR. JAMES DUNN
MR. GARY THOMAS
PES ENVIRONMENTAL, INC.
7665 REDWOOD BLVD., SUITE 200
NOVATO, CA 94945

Phone: 415-899-1600
Fax: 415-899-1601
Email: jdunn@pesenv.com
gthomas@pesenv.com

ACCT: 9418
PROJ: 126-069-03-004

FROM: Richard A. Kagel, Ph.D. RAK 4/20/2021
Laboratory Director

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 126-069-03-004

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SV11	AIR	03/25/2021	9:18	215550
SV5	AIR	03/25/2021	9:53	215551
SV6	AIR	03/25/2021	10:27	215552
SV12	AIR	03/25/2021	11:16	215553
SV13	AIR	03/25/2021	11:46	215554
SV10	AIR	03/25/2021	13:03	215555
SV9	AIR	03/25/2021	12:42	215556
SV4	AIR	03/25/2021	14:12	215557
SV4-DUP	AIR	03/25/2021	14:12	215558
SV2	AIR	03/25/2021	14:30	215559
SV3	AIR	03/25/2021	14:47	215560
SV1	AIR	03/25/2021	15:30	215561
SV7	AIR	03/25/2021	16:15	215562
SV8	AIR	03/25/2021	16:05	215563

The above listed sample group was received on 03/26/2021 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV11
LAB NO:	215550
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	09:18
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.300	ND	1.48	ND
CHLOROMETHANE	74-87-3	0.300	ND	0.620	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.300	ND	2.10	ND
VINYL CHLORIDE	75-01-4	0.105	0.311	0.268	0.796
BROMOMETHANE	74-83-9	0.300	ND	1.17	ND
CHLOROETHANE	75-00-3	0.300	ND	0.792	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.600	ND	3.37	ND
1,1-DICHLOROETHENE	75-35-4	0.300	ND	1.19	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND	11.5	ND
METHYLENE CHLORIDE	75-09-2	9.00	ND	31.3	ND
T-1,2-DICHLOROETHENE	156-60-5	0.300	ND	1.19	ND
1,1-DICHLOROETHANE	75-34-3	0.300	ND	1.21	ND
C-1,2-DICHLOROETHENE	156-59-2	0.300	0.680	1.19	2.70
CHLOROFORM	67-66-3	0.300	ND	1.46	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.300	ND	1.64	ND
1,2-DICHLOROETHANE	107-06-2	0.300	ND	1.21	ND
BENZENE	71-43-2	1.50	4.84	4.79	15.4
CARBON TETRACHLORIDE	56-23-5	0.300	ND	1.89	ND
1,2-DICHLOROPROPANE	78-87-5	0.300	ND	1.39	ND
TRICHLOROETHENE	79-01-6	0.300	ND	1.61	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.300	ND	1.36	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.300	ND	1.36	ND
TOLUENE	108-88-3	1.50	11.9	5.65	44.8
1,1,2-TRICHLOROETHANE	79-00-5	0.300	ND	1.64	ND
1,2-DIBROMOETHANE	106-93-4	0.300	ND	2.31	ND
TETRACHLOROETHENE	127-18-4	0.300	ND	2.03	ND
CHLOROBENZENE	108-90-7	0.300	ND	1.38	ND
ETHYLBENZENE	100-41-4	0.600	1.50	2.61	6.52
XYLENE (M+P)	179601-23-1	1.20	5.82	5.21	25.3
STYRENE	100-42-5	0.300	0.696	1.28	2.96
XYLENE (O)	95-47-6	0.600	2.87	2.61	12.5
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.300	ND	2.06	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.300	2.46	1.47	12.1
1,2,4-TRIMETHYLBENZENE	95-63-6	0.600	3.92	2.95	19.3
1,3-DICHLOROBENZENE	541-73-1	0.600	ND	3.61	ND
1,4-DICHLOROBENZENE	106-46-7	0.300	ND	1.80	ND
1,2-DICHLOROBENZENE	95-50-1	0.300	ND	1.80	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.600	ND	4.45	ND
HEXACHLOROBUTADIENE	87-68-3	0.300	ND	3.20	ND
NAPHTHALENE	91-20-3	0.600	ND	3.15	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/19/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV5
LAB NO:	215551
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	09:53
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	ND	0.495	ND
CHLOROMETHANE	74-87-3	0.100	ND	0.207	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	ND	1.12	ND
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	3.35	1.60	10.7
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	5.05	1.88	19.0
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	ND	0.678	ND
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	0.356	0.868	1.54
XYLENE (M+P)	179601-23-1	0.400	1.74	1.74	7.56
STYRENE	100-42-5	0.100	ND	0.426	ND
XYLENE (O)	95-47-6	0.200	0.629	0.868	2.73
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.194	0.492	0.955
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	0.387	0.983	1.90
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	ND	1.05	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/9/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV6
LAB NO:	215552
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	10:27
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	ND	0.495	ND
CHLOROMETHANE	74-87-3	0.100	ND	0.207	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	ND	1.12	ND
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	0.607	1.60	1.94
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	1.38	1.88	5.19
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	ND	0.678	ND
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	5.99	0.868	26.0
XYLENE (M+P)	179601-23-1	0.400	27.8	1.74	121
STYRENE	100-42-5	0.100	ND	0.426	ND
XYLENE (O)	95-47-6	0.200	19.2	0.868	83.5
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.102	0.492	0.503
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	0.222	0.983	1.09
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	0.270	1.05	1.42

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/9/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV12
LAB NO:	215553
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	11:16
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	ND	0.495	ND
CHLOROMETHANE	74-87-3	0.100	ND	0.207	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	ND	1.12	ND
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	0.604	1.60	1.93
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	1.01	1.88	3.81
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	ND	0.678	ND
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	0.718	0.868	3.12
XYLENE (M+P)	179601-23-1	0.400	2.60	1.74	11.3
STYRENE	100-42-5	0.100	0.687	0.426	2.93
XYLENE (O)	95-47-6	0.200	1.56	0.868	6.79
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.249	0.492	1.22
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	1.13	0.983	5.57
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	0.449	1.05	2.35

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/13/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV13
LAB NO:	215554
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	11:46
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.235	0.495	1.16
CHLOROMETHANE	74-87-3	0.100	1.06	0.207	2.19
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	0.682	0.0895	1.74
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	0.244	0.264	0.643
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.249	1.12	1.40
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	1.21	3.83	9.24
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	0.100	0.488	0.489
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	2.10	1.60	6.72
CARBON TETRACHLORIDE	56-23-5	0.100	0.197	0.629	1.24
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	1.13	1.88	4.26
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	ND	0.678	ND
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	ND	0.868	ND
XYLENE (M+P)	179601-23-1	0.400	0.436	1.74	1.89
STYRENE	100-42-5	0.100	0.289	0.426	1.23
XYLENE (O)	95-47-6	0.200	0.343	0.868	1.49
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.138	0.492	0.677
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	0.309	0.983	1.52
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	ND	1.05	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/7/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV10
LAB NO:	215555
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	13:03
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.568	0.495	2.81
CHLOROMETHANE	74-87-3	0.100	0.789	0.207	1.63
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.481	1.12	2.70
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	1.89	1.60	6.04
CARBON TETRACHLORIDE	56-23-5	0.100	0.195	0.629	1.23
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	0.375	0.537	2.01
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	2.92	1.88	11.0
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	ND	0.678	ND
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	0.462	0.868	2.00
XYLENE (M+P)	179601-23-1	0.400	1.19	1.74	5.18
STYRENE	100-42-5	0.100	0.827	0.426	3.52
XYLENE (O)	95-47-6	0.200	1.13	0.868	4.93
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.240	0.492	1.18
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	0.724	0.983	3.56
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	0.273	1.05	1.43

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/9/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV9
LAB NO:	215556
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	12:42
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.536	0.495	2.65
CHLOROMETHANE	74-87-3	0.100	ND	0.207	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	0.113	0.0895	0.288
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	0.135	0.264	0.355
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.346	1.12	1.94
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	1.82	1.60	5.83
CARBON TETRACHLORIDE	56-23-5	0.100	0.233	0.629	1.47
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	1.57	1.88	5.91
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	ND	0.678	ND
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	0.289	0.868	1.26
XYLENE (M+P)	179601-23-1	0.400	0.709	1.74	3.08
STYRENE	100-42-5	0.100	0.277	0.426	1.18
XYLENE (O)	95-47-6	0.200	0.544	0.868	2.36
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.172	0.492	0.848
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	0.490	0.983	2.41
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	ND	1.05	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/9/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV4
LAB NO:	215557
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	14:12
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.400	0.613	1.98	3.03
CHLOROMETHANE	74-87-3	0.400	2.43	0.826	5.02
DICHLOROTETRAFLUOROETHANE	76-14-2	0.400	ND	2.80	ND
VINYL CHLORIDE	75-01-4	0.140	1.13	0.358	2.89
BROMOMETHANE	74-83-9	0.400	ND	1.55	ND
CHLOROETHANE	75-00-3	0.400	0.602	1.06	1.59
TRICHLOROFLUOROMETHANE	75-69-4	0.800	ND	4.50	ND
1,1-DICHLOROETHENE	75-35-4	0.400	ND	1.59	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	2.00	ND	15.3	ND
METHYLENE CHLORIDE	75-09-2	12.0	ND	41.7	ND
T-1,2-DICHLOROETHENE	156-60-5	0.400	ND	1.59	ND
1,1-DICHLOROETHANE	75-34-3	0.400	ND	1.62	ND
C-1,2-DICHLOROETHENE	156-59-2	0.400	ND	1.59	ND
CHLOROFORM	67-66-3	0.400	ND	1.95	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.400	ND	2.18	ND
1,2-DICHLOROETHANE	107-06-2	0.400	ND	1.62	ND
BENZENE	71-43-2	2.00	6.66	6.39	21.3
CARBON TETRACHLORIDE	56-23-5	0.400	ND	2.52	ND
1,2-DICHLOROPROPANE	78-87-5	0.400	ND	1.85	ND
TRICHLOROETHENE	79-01-6	0.400	ND	2.15	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.400	ND	1.82	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.400	ND	1.82	ND
TOLUENE	108-88-3	2.00	5.77	7.54	21.8
1,1,2-TRICHLOROETHANE	79-00-5	0.400	ND	2.18	ND
1,2-DIBROMOETHANE	106-93-4	0.400	ND	3.07	ND
TETRACHLOROETHENE	127-18-4	0.400	ND	2.71	ND
CHLOROBENZENE	108-90-7	0.400	ND	1.84	ND
ETHYLBENZENE	100-41-4	0.800	0.935	3.47	4.06
XYLENE (M+P)	179601-23-1	1.60	3.09	6.95	13.4
STYRENE	100-42-5	0.400	0.774	1.70	3.30
XYLENE (O)	95-47-6	0.800	1.38	3.47	5.97
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.400	ND	2.75	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.400	0.588	1.97	2.89
1,2,4-TRIMETHYLBENZENE	95-63-6	0.800	1.32	3.93	6.50
1,3-DICHLOROBENZENE	541-73-1	0.800	ND	4.81	ND
1,4-DICHLOROBENZENE	106-46-7	0.400	ND	2.41	ND
1,2-DICHLOROBENZENE	95-50-1	0.400	ND	2.41	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.800	ND	5.94	ND
HEXACHLOROBUTADIENE	87-68-3	0.400	ND	4.27	ND
NAPHTHALENE	91-20-3	0.800	1.31	4.19	6.89

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/9/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV4-DUP
LAB NO:	215558
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	14:12
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.400	0.591	1.98	2.92
CHLOROMETHANE	74-87-3	0.400	2.76	0.826	5.70
DICHLOROTETRAFLUOROETHANE	76-14-2	0.400	ND	2.80	ND
VINYL CHLORIDE	75-01-4	0.140	1.49	0.358	3.81
BROMOMETHANE	74-83-9	0.400	ND	1.55	ND
CHLOROETHANE	75-00-3	0.400	0.846	1.06	2.23
TRICHLOROFLUOROMETHANE	75-69-4	0.800	ND	4.50	ND
1,1-DICHLOROETHENE	75-35-4	0.400	ND	1.59	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	2.00	ND	15.3	ND
METHYLENE CHLORIDE	75-09-2	12.0	ND	41.7	ND
T-1,2-DICHLOROETHENE	156-60-5	0.400	ND	1.59	ND
1,1-DICHLOROETHANE	75-34-3	0.400	ND	1.62	ND
C-1,2-DICHLOROETHENE	156-59-2	0.400	ND	1.59	ND
CHLOROFORM	67-66-3	0.400	ND	1.95	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.400	ND	2.18	ND
1,2-DICHLOROETHANE	107-06-2	0.400	ND	1.62	ND
BENZENE	71-43-2	2.00	7.31	6.39	23.4
CARBON TETRACHLORIDE	56-23-5	0.400	ND	2.52	ND
1,2-DICHLOROPROPANE	78-87-5	0.400	ND	1.85	ND
TRICHLOROETHENE	79-01-6	0.400	ND	2.15	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.400	ND	1.82	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.400	ND	1.82	ND
TOLUENE	108-88-3	2.00	6.38	7.54	24.0
1,1,2-TRICHLOROETHANE	79-00-5	0.400	ND	2.18	ND
1,2-DIBROMOETHANE	106-93-4	0.400	ND	3.07	ND
TETRACHLOROETHENE	127-18-4	0.400	ND	2.71	ND
CHLOROBENZENE	108-90-7	0.400	ND	1.84	ND
ETHYLBENZENE	100-41-4	0.800	0.969	3.47	4.21
XYLENE (M+P)	179601-23-1	1.60	3.41	6.95	14.8
STYRENE	100-42-5	0.400	0.687	1.70	2.92
XYLENE (O)	95-47-6	0.800	1.52	3.47	6.60
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.400	ND	2.75	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.400	0.559	1.97	2.75
1,2,4-TRIMETHYLBENZENE	95-63-6	0.800	1.36	3.93	6.69
1,3-DICHLOROBENZENE	541-73-1	0.800	ND	4.81	ND
1,4-DICHLOROBENZENE	106-46-7	0.400	ND	2.41	ND
1,2-DICHLOROBENZENE	95-50-1	0.400	ND	2.41	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.800	ND	5.94	ND
HEXACHLOROBUTADIENE	87-68-3	0.400	ND	4.27	ND
NAPHTHALENE	91-20-3	0.800	1.22	4.19	6.39

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/19/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV2
LAB NO:	215559
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	14:30
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.200	0.449	0.989	2.22
CHLOROMETHANE	74-87-3	0.200	0.354	0.413	0.732
DICHLOROTETRAFLUOROETHANE	76-14-2	0.200	ND	1.40	ND
VINYL CHLORIDE	75-01-4	0.0700	0.179	0.179	0.458
BROMOMETHANE	74-83-9	0.200	ND	0.777	ND
CHLOROETHANE	75-00-3	0.200	0.239	0.528	0.632
TRICHLOROFLUOROMETHANE	75-69-4	0.400	ND	2.25	ND
1,1-DICHLOROETHENE	75-35-4	0.200	ND	0.793	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	6.00	ND	20.8	ND
T-1,2-DICHLOROETHENE	156-60-5	0.200	ND	0.793	ND
1,1-DICHLOROETHANE	75-34-3	0.200	ND	0.810	ND
C-1,2-DICHLOROETHENE	156-59-2	0.200	ND	0.793	ND
CHLOROFORM	67-66-3	0.200	ND	0.977	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.200	ND	1.09	ND
1,2-DICHLOROETHANE	107-06-2	0.200	ND	0.809	ND
BENZENE	71-43-2	1.00	4.41	3.19	14.1
CARBON TETRACHLORIDE	56-23-5	0.200	ND	1.26	ND
1,2-DICHLOROPROPANE	78-87-5	0.200	ND	0.924	ND
TRICHLOROETHENE	79-01-6	0.200	ND	1.07	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.200	ND	0.908	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.200	ND	0.908	ND
TOLUENE	108-88-3	1.00	3.84	3.77	14.5
1,1,2-TRICHLOROETHANE	79-00-5	0.200	ND	1.09	ND
1,2-DIBROMOETHANE	106-93-4	0.200	ND	1.54	ND
TETRACHLOROETHENE	127-18-4	0.200	ND	1.36	ND
CHLOROBENZENE	108-90-7	0.200	ND	0.921	ND
ETHYLBENZENE	100-41-4	0.400	0.481	1.74	2.09
XYLENE (M+P)	179601-23-1	0.800	1.58	3.47	6.84
STYRENE	100-42-5	0.200	ND	0.852	ND
XYLENE (O)	95-47-6	0.400	0.732	1.74	3.18
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.200	ND	1.37	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.200	0.240	0.983	1.18
1,2,4-TRIMETHYLBENZENE	95-63-6	0.400	0.634	1.97	3.12
1,3-DICHLOROBENZENE	541-73-1	0.400	ND	2.41	ND
1,4-DICHLOROBENZENE	106-46-7	0.200	ND	1.20	ND
1,2-DICHLOROBENZENE	95-50-1	0.200	ND	1.20	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.400	ND	2.97	ND
HEXACHLOROBUTADIENE	87-68-3	0.200	ND	2.13	ND
NAPHTHALENE	91-20-3	0.400	ND	2.10	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/9/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV3
LAB NO:	215560
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	14:47
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	ND	0.495	ND
CHLOROMETHANE	74-87-3	0.100	3.47	0.207	7.16
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	0.270	0.0895	0.689
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	0.185	0.264	0.488
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.303	1.12	1.70
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	1.26	1.60	4.03
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	1.09	1.88	4.12
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	0.346	0.678	2.35
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	ND	0.868	ND
XYLENE (M+P)	179601-23-1	0.400	0.577	1.74	2.51
STYRENE	100-42-5	0.100	ND	0.426	ND
XYLENE (O)	95-47-6	0.200	0.263	0.868	1.14
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.166	0.492	0.818
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	0.369	0.983	1.81
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	0.231	1.05	1.21

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/13/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV1
LAB NO:	215561
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	15:30
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	ND	0.495	ND
CHLOROMETHANE	74-87-3	0.100	0.910	0.207	1.88
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	ND	1.12	ND
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	0.490	0.405	1.98
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	3.86	1.60	12.3
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	11.8	1.88	44.6
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	0.148	0.678	1.00
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	8.39	0.868	36.4
XYLENE (M+P)	179601-23-1	0.400	37.9	1.74	164
STYRENE	100-42-5	0.100	0.396	0.426	1.69
XYLENE (O)	95-47-6	0.200	20.4	0.868	88.7
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	18.5	0.492	91.0
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	53.4	0.983	262
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	47.4	1.05	248

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/9/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV7
LAB NO:	215562
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	16:15
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.159	0.495	0.786
CHLOROMETHANE	74-87-3	0.100	ND	0.207	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	ND	1.12	ND
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	0.407	0.546	2.22
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	2.61	1.60	8.35
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	4.96	1.88	18.7
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	ND	0.678	ND
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	1.22	0.868	5.29
XYLENE (M+P)	179601-23-1	0.400	4.81	1.74	20.9
STYRENE	100-42-5	0.100	ND	0.426	ND
XYLENE (O)	95-47-6	0.200	2.26	0.868	9.81
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	1.41	0.492	6.93
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	3.71	0.983	18.3
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	2.39	1.05	12.5

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/9/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID:	SV8
LAB NO:	215563
SAMPLE TYPE:	AIR
DATE SAMPLED:	03/25/2021
TIME SAMPLED:	16:05
BATCH ID:	040621A1
DATE ANALYZED:	04/07/2021

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.322	0.495	1.59
CHLOROMETHANE	74-87-3	0.100	0.233	0.207	0.482
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.254	1.12	1.43
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	ND	0.488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.100	0.211	0.546	1.15
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	3.94	1.60	12.6
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	5.45	1.88	20.5
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	ND	0.678	ND
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.200	15.7	0.868	68.1
XYLENE (M+P)	179601-23-1	0.400	74.1	1.74	322
STYRENE	100-42-5	0.100	0.140	0.426	0.598
XYLENE (O)	95-47-6	0.200	24.8	0.868	108
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.744	0.492	3.66
1,2,4-TRIMETHYLBENZENE	95-63-6	0.200	1.68	0.983	8.24
1,3-DICHLOROBENZENE	541-73-1	0.200	ND	1.20	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.200	ND	1.48	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.200	0.788	1.05	4.13

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
RL - REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 4/19/21

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: 1,1-DIFLUOROETHANE
REFERENCE: EPA TO 3

UNITS: PPMV

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV11	215550	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV5	215551	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV6	215552	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV12	215553	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV13	215554	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV10	215555	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV9	215556	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV4	215557	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV4-DUP	215558	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV2	215559	AIR	03/25/2021	033021A1	04/01/2021	15.0	ND
SV3	215560	AIR	03/25/2021	033021A1	04/01/2021	10.0	1850
SV1	215561	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV7	215562	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND
SV8	215563	AIR	03/25/2021	033021A1	04/01/2021	10.0	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: _____
DATE: 4/2/21

K PRIME, INC.
LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B040621A1
SAMPLE TYPE: AIR

BATCH ID: 040621A1
DATE ANALYZED: 04/06/2021

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**RL**	**SAMPLE CONC**	**RL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.0100	ND	0.0495	ND
CHLOROMETHANE	74-87-3	0.0100	ND	0.0207	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.0100	ND	0.0699	ND
VINYL CHLORIDE	75-01-4	0.00350	ND	0.00895	ND
BROMOMETHANE	74-83-9	0.0100	ND	0.0388	ND
CHLOROETHANE	75-00-3	0.0100	ND	0.0264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.0200	ND	0.112	ND
1,1-DICHLOROETHENE	75-35-4	0.0100	ND	0.0397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.0500	ND	0.383	ND
METHYLENE CHLORIDE	75-09-2	0.300	ND	1.04	ND
T-1,2-DICHLOROETHENE	156-60-5	0.0100	ND	0.0396	ND
1,1-DICHLOROETHANE	75-34-3	0.0100	ND	0.0405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.0100	ND	0.0397	ND
CHLOROFORM	67-66-3	0.0100	ND	0.0488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.0100	ND	0.0546	ND
1,2-DICHLOROETHANE	107-06-2	0.0100	ND	0.0405	ND
BENZENE	71-43-2	0.0500	ND	0.160	ND
CARBON TETRACHLORIDE	56-23-5	0.0100	ND	0.0629	ND
1,2-DICHLOROPROPANE	78-87-5	0.0100	ND	0.0462	ND
TRICHLOROETHENE	79-01-6	0.0100	ND	0.0537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.0100	ND	0.0454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.0100	ND	0.0454	ND
TOLUENE	108-88-3	0.0500	ND	0.188	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.0100	ND	0.0546	ND
1,2-DIBROMOETHANE	106-93-4	0.0100	ND	0.0768	ND
TETRACHLOROETHENE	127-18-4	0.0100	ND	0.0678	ND
CHLOROBENZENE	108-90-7	0.0100	ND	0.0460	ND
ETHYLBENZENE	100-41-4	0.0200	ND	0.0868	ND
XYLENE (M+P)	179601-23-1	0.0400	ND	0.174	ND
STYRENE	100-42-5	0.0100	ND	0.0426	ND
XYLENE (O)	95-47-6	0.0200	ND	0.0868	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.0100	ND	0.0687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.0100	ND	0.0492	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.0200	ND	0.0983	ND
1,3-DICHLOROBENZENE	541-73-1	0.0200	ND	0.120	ND
1,4-DICHLOROBENZENE	106-46-7	0.0100	ND	0.0601	ND
1,2-DICHLOROBENZENE	95-50-1	0.0100	ND	0.0601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.0200	ND	0.148	ND
HEXACHLOROBUTADIENE	87-68-3	0.0100	ND	0.107	ND
NAPHTHALENE	91-20-3	0.0200	ND	0.105	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
MRL - METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

LAB CONTROL ID: L040621A1
LAB CONTROL DUPLICATE ID: D040621A1

SAMPLE TYPE: AIR
BATCH ID: 040621A1
DATE ANALYZED: 04/06/2021

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

COMPOUND NAME	SPIKE ADDED (PPB)	REPORTING LIMIT (PPB)	SAMPLE CONC (PPB)	SPIKE CONC (PPB)	SPIKE REC (%)	REC LIMITS (%)
1,1-DICHLOROETHENE	0.500	0.010	ND	0.386	77	60 - 140
BENZENE	0.500	0.050	ND	0.331	66	60 - 140
TRICHLOROETHENE	0.500	0.010	ND	0.372	74	60 - 140
TOLUENE	0.500	0.050	ND	0.351	70	60 - 140
TETRACHLOROETHENE	0.500	0.010	ND	0.391	78	60 - 140

COMPOUND NAME	SPIKE ADDED (PPB)	SPIKE DUP CONC (PPB)	SPIKE DUP REC (%)	RPD (%)	QC LIMITS RPD (%)	QC LIMITS REC (%)
1,1-DICHLOROETHENE	0.500	0.385	77	0.3	25	60 - 140
BENZENE	0.500	0.335	67	1.2	25	60 - 140
TRICHLOROETHENE	0.500	0.374	75	0.6	25	60 - 140
TOLUENE	0.500	0.362	72	3.1	25	60 - 140
TETRACHLOROETHENE	0.500	0.393	79	0.4	25	60 - 140

NOTES:
NA - NOT APPLICABLE OR AVAILABLE
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID:	B033021A1
LAB CONTROL SAMPLE ID:	L033021A1
LAB CONTROL DUPLICATE ID:	D033021A1
BATCH ID:	033021A1
DATA ANALYZED:	03/30/2021

METHOD: 1,1-DIFLUOROETHANE
REFERENCE: EPA TO 3

SAMPLE TYPE:	AIR
UNITS:	PPM -V/V

METHOD BLANK

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
1,1-DIFLUOROETHANE	10.0	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUND NAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
1,1-DIFLUOROETHANE	10000	9490	94.9	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUND NAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
1,1-DIFLUOROETHANE	9490	9350	1.49	±30

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

7665 Redwood Boulevard, Suite 200
Novato, California 94945
(415) 899-1600 FAX (415) 899-1601

9418

LABORATORY: K Prime
SAMPLERS: J DePriest / E. Theil
JOB NUMBER: 126-069-03-004
NAME / LOCATION: 3000 Bowers Ave Santa Clara, CA
PROJECT MANAGER: J Dunn / G Thomas
RECORDER: J DePriest

DATE YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	MATRIX Vapor	Water	Soil	Sedim't	# of Containers & Preservatives Unpres. 1 L	EnCore	H_2SO_4	HNO_3	HCl	CANISTER ID #	Pressure in HG (DEPTH in FEET) Start	Finish
21	03	25	0918	SV11	X				1					S-872	-30	-5
			0953	SV5	X				1					S-330	-28	-5
			1027	SV6	X				1					S-184	-30	-5
			1116	SV12	X				1					S-179	-28	-5
			1146	SV13	X				1					S-180	-28	-5
			1303	SV10	X				1					S-745	-30	-10
			1242	SV9	X				1					S-325	-27	-6
			1412	SV4	X				1					S-944	-30	-10
			1412	SV4-DUP	X				1					S-137	-30	-10
			1430	SV2	X				1					S-323	-30	-15
			1447	SV3	X				1					S-146	-30	-5
			1530	SV1	X				1					S-314	-30	-5

ANALYSIS REQUESTED

EPA 5035/8010	EPA 5035/8021	EPA 5035/8260B	TPHg by 5035/8015M	TPHd by 8015M	TPHmo by 8015M	EPA 8270C	MNA Parameters (see notes)	VOCs by TO-15 SIM	1,1-DFA by TO-3	KPI #
								X	X	215550
								X	X	215551
								X	X	215552
								X	X	215553
								X	X	215554
								X	X	215555
								X	X	215556
								X	X	215557
								X	X	215558
								X	X	215559
								X	X	215560
								X	X	215561

NOTES

Turn Around Time: Standard TAT

* GeoTracker EDF files required w/ deliverables *
- Don't prepare the Geotracker file until a global ID is provided by PES.

Page 1 of 2

CHAIN OF CUSTODY RECORD

		DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	3/26/21	4.00
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	3/26/21	17:35
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
DISPATCHED BY: (Signature) DATE TIME	RECEIVED FOR LAB BY: (Signature)	DATE	TIME

METHOD OF SHIPMENT: Picked up by Lab courier at office.

WHITE-Laboratory COPY YELLOW-Project Office Copy PINK-Field or Office Copy

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

7665 Redwood Boulevard, Suite 200
Novato, California 94945
(415) 899-1600 FAX (415) 899-1601

9418

LABORATORY: K Prime

SAMPLERS: J DePriest / E Theil

JOB NUMBER: 126-069-03-004

NAME / LOCATION: 3000 Bowers Ave, Santa Clara, CA

PROJECT MANAGER: J Dunn / G. Thomas

RECORDER: J DePriest

YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	Vapor	Water	Soil	Sedim't	1L Summa (~~Unpres.~~)	EnCore	H_2SO_4	HNO_3	HCl	CANISTER ID #	Pressure in Hg Start	Pressure in Hg Finish	EPA 5035/8010	EPA 5035/8021	EPA 5035/8260B	TPHg by 5035/8015M	TPHd by 8015M	TPHmo by 8015M	EPA 8270C	MNA Parameters (see notes)	VOCs by TO-15 SIM	1,1-DFA by TO-3	KP #
21	03	25	1615	SV7	X				1					S-227	-29	-5									X	X	2155 02
21	03	25	1605	SV8	X				1					S-939	-28	-3									X	X	2155 03

(Column headings "# of Containers & Preservatives" and "DEPTH IN FEET" struck through.)

NOTES

Turn Around Time: Standard TAT

* GeoTrackers files EDF required w/ deliverables *

- Don't prepare the Geotracker file until a global ID is provided by PES.

Page 2 of 2

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
[signature] 3/26/2021	[signature]	3/26/21	4:00
[signature]	Arminda Barbosa [signature]	3/26/21	17:35

DISPATCHED BY: (Signature) | DATE | TIME | RECEIVED FOR LAB BY: (Signature) | DATE | TIME

METHOD OF SHIPMENT: Picked up by lab courier at office.

WHITE-Laboratory COPY YELLOW-Project Office Copy PINK-Field or Office Copy

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 4/20/2021

TO: MR. JAMES DUNN
MR. GARY THOMAS
PES ENVIRONMENTAL, INC.
7665 REDWOOD BLVD., SUITE 200
NOVATO, CA 94945

Phone: 415-899-1600
Fax: 415-899-1601
Email: jdunn@pesenv.com
gthomas@pesenv.com

ACCT: 9418
PROJ: 126-069-03-004

FROM: Richard A. Kagel, Ph.D. RAK 4/20/2021
Laboratory Director

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 126-069-03-004

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SV11-S	AIR	03/25/2021	9:15	215564
SV5-S	AIR	03/25/2021	9:53	215565
SV6-S	AIR	03/25/2021	10:27	215566
SV12-S	AIR	03/25/2021	11:16	215567
SV13-S	AIR	03/25/2021	11:46	215568
SV10-S	AIR	03/25/2021	12:10	215569
SV9-S	AIR	03/25/2021	12:42	215570
SV4-S	AIR	03/25/2021	13:20	215571
SV2-S	AIR	03/25/2021	14:20	215572
SV3-S	AIR	03/25/2021	14:47	215573
SV1-S	AIR	03/25/2021	15:30	215574
SV7-S	AIR	03/25/2021	16:15	215575
SV8-S	AIR	03/25/2021	15:55	215576

The above listed sample group was received on 03/26/2021 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9418
CLIENT PROJECT: 126-069-03-004

METHOD: 1,1-DIFLUOROETHANE
REFERENCE: EPA TO 3 **UNITS: PPMV**

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV11-S	215564	AIR	03/25/2021	040121A1	04/02/2021	10.0	1100
SV5-S	215565	AIR	03/25/2021	040121A1	04/02/2021	10.0	604
SV6-S	215566	AIR	03/25/2021	040121A1	04/02/2021	15.0	1850
SV12-S	215567	AIR	03/25/2021	040121A1	04/02/2021	10.0	264
SV13-S	215568	AIR	03/25/2021	040121A1	04/02/2021	10.0	1190
SV10-S	215569	AIR	03/25/2021	040121A1	04/02/2021	10.0	448
SV9-S	215570	AIR	03/25/2021	040121A1	04/02/2021	10.0	2220
SV4-S	215571	AIR	03/25/2021	040121A1	04/02/2021	10.0	6260
SV2-S	215572	AIR	03/25/2021	040121A1	04/02/2021	10.0	832
SV3-S	215573	AIR	03/25/2021	040121A1	04/02/2021	15.0	690
SV1-S	215574	AIR	03/25/2021	040121A1	04/02/2021	10.0	2110
SV7-S	215575	AIR	03/25/2021	040121A1	04/02/2021	10.0	264
SV8-S	215576	AIR	03/25/2021	040121A1	04/02/2021	10.0	4030

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: _____
DATE: 4/6/21

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID:	B040121A1
LAB CONTROL SAMPLE ID:	L040121A1
LAB CONTROL DUPLICATE ID:	D040121A1
BATCH ID:	040121A1
DATA ANALYZED:	04/01/2021

METHOD: 1,1-DIFLUOROETHANE
REFERENCE: EPA TO 3

SAMPLE TYPE:	AIR
UNITS:	PPM -V/V

METHOD BLANK

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
1,1-DIFLUOROETHANE	10.0	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUND NAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
1,1-DIFLUOROETHANE	10000	9290	92.9	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUND NAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
1,1-DIFLUOROETHANE	9290	10300	10.3	±30

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

7665 Redwood Boulevard, Suite 200
Novato, California 94945
(415) 899-1600 FAX (415) 899-1601

9418

LABORATORY: K Prime
JOB NUMBER: 126-069-03-004
NAME / LOCATION: 3000 Bowers Ave / Santa Clara, CA
PROJECT MANAGER: J Dunn / G Thomas

SAMPLERS: J DePriest / E Theil
RECORDER: J DePriest

DATE YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	MATRIX: Vapor	Water	Soil	Sedim't	1L Summa # of Containers:	EnCore	H_2SO_4	HNO_3	HCl	CANISTER ID #	Pressure in IN HG: START	FINISH	ANALYSIS REQUESTED: EPA 5035/8010	EPA 5035/8021	EPA 5035/8260B	TPHg by 5035/8015M	TPHd by 8015M	TPHmo by 8015M	EPA 8270C	MNA Parameters (see notes)	VOCs by TO-15 SIM	1,1-DFA by TO-3	KPH #
21	03	25	0915	SV11-S	X				1				S	191	-26	-4										X	215564
			0953	SV5-S	X				1				S	326	-29	-5										X	215565
			1027	SV6-S	X				1				S	329	-25	-5										X	215566
			1116	SV12-S	X				1				S	158	-27	-5										X	215567
			1146	SV13-S	X				1				S	723	-29	-5										X	215568
			1210	SV10-S	X				1				S	942	-26	-4										X	215569
			1242	SV9-S	X				1				S	947	-26	-5										X	215570
			1320	SV4-S	X				1				S	945	-26	-1										X	215571
			1420	SV2-S	X				1				S	612	-29	-5										X	215572
			1447	SV3-S	X				1				S	146	-22	-5										X	215573
			1530	SV1-S	X				1				S	725	-26	-5										X	215574
			1615	SV7-S	X				1				S	165	-28	-5										X	215575
↓	↓	↓	1555	SV8-S	X				1				S	251	-28	-1										X	215576

NOTES

Turn Around Time: Standard TAT

SHROUD SAMPLES ONLY ANALYZE FOR 1,1-DFA

Page 1 of 1

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature) 3/26/2021	RECEIVED BY: (Signature)	DATE 3/26/21	TIME 4:00
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE 3/26/21	TIME 4:00
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME 17:35 AB 3/29
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
DISPATCHED BY: (Signature) DATE TIME	RECEIVED FOR LAB BY: (Signature)	DATE	TIME

METHOD OF SHIPMENT: Picked up by lab courier at office.

WHITE-Laboratory COPY YELLOW-Project Office Copy PINK-Field or Office Copy