PES Environmental, Inc.
Engineering & Environmental Services

A Report Prepared For:

Bay+Area Property Developers
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LIMITED SUBSURFACE INVESTIGATION REPORT
PARCELS 428-61-1 AND 428-61-27
22330 MAIN STREET
HAYWARD, CALIFORNIA

AUGUST 6, 2015

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1440.002.01.008

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1.0 INTRODUCTION

This report has been prepared by PES Environmental, Inc. (PES), on behalf of Bay+Area Property Developers (BAPD) to summarize the results of a limited subsurface investigation conducted at Alameda County Assessor's Parcel Numbers (APN) 428-61-1 and 428-61-27, as also identified as 22330 Main Street, Hayward, California (subject property or site). The site location is shown on Plate 1. The site is currently comprised of approximately 3.39 acres and has been improved with a multi-story medical office building complex and associated asphalt/concrete paved surfaces and landscaped areas. PES understands BAPD intends to redevelop all or portions of the site for mixed-use multi-family residential and commercial purposes, and that the limited subsurface investigation represents a component of BAPD's environmental due diligence. PES further understands that site redevelopment plans and/or drawings were not available for review at the time of the investigation.

Based on the findings of PES' Phase I Environmental Site Assessment (ESA) conducted for the site (PES, 2015) (summarized in Section 2.0, below), the objectives of the limited investigation activities were to collect subsurface soil gas and groundwater samples to assess whether organic constituents associated with historical uses of the site and surrounding properties are present beneath the subject property at or above levels of concern.

This report summarizes background information, discusses the methods and results of the recently completed investigation and presents conclusions and recommendations based upon the findings.

2.0 BACKGROUND INFORMATION

2.1 Site Description

The subject property is comprised of two legal parcels comprising approximately 3.39 acres and identified by Alameda County APNs 428-61-1 and 428-61-27. The subject property is located in a mixed residential and commercial area. Site improvements include the multi-story medical office building complex, which was built in several phases between the 1950s and 1970s, associated landscaping and concrete walkways and asphalt-paved parking and driving lanes, and a single family residence (currently used as commercial office space) (Plate 1). Since construction of the commercial medical and office facilities, site uses have included commercial and medical offices and medical laboratories. The subject property, located on or adjacent to a portion of the Hayward Fault, is relatively flat and gently slopes to the east.

2.2 Summary of Findings of PES' Phase I ESA

As noted above, PES conducted Phase I ESA activities for the subject property (PES, 2014). Several areas of recognized and/or potential environmental concerns identified during the ESA included:

- On-site storage of chemicals associated with dry cleaning operations (e.g., Staticol) and suspected on-site dry cleaning as part of historical laundry operations;
- Documented off-site impacts to groundwater and soil vapor from historical dry cleaning operations at a Selix facility (22401 – 22487 Foothill Boulevard) located to the northeast and across Maple Court from the subject property;
- A dry cleaner (Vamco Dry Cleanomat) previously located adjacent to the eastern boundary of the site (22475 Maple Court); no investigation or closure activities were apparently conducted after the business ceased operation in the 1960s;
- A self-serve cleaners (Automat Coin Launderette) previously located adjacent to the southeastern boundary of the site (1034 A Street); no investigation or closure activities were apparently conducted after the business ceased operations in the 1960s, and
- An auto service station previously operated adjacent to the southern boundary of the site (1000 A Street); no investigation or closure activities were apparently conducted after the business ceased operation in the 1960s.

Based on the environmental concerns identified above, PES recommended conducting limited investigation activities to assess potential subsurface impacts at the subject site.

3.0 SUBSURFACE INVESTIGATION

The following sections present the field activities and sampling methods (Section 3.1) and analytical methods (Section 3.2) for the limited subsurface investigation conducted by PES on November 14, and December 16, 2014. The soil gas and grab groundwater sampling rationale and analytical program was described in PES's proposals to you dated November 10, 2014 and November 25, 2014 (PES document reference numbers 1440.0002.01.P03 and 1440.002.01.P04, respectively). Field investigation activities were conducted on November 14 and December 16, 2014.

3.1 Field Activities and Sampling Methods

During the subsurface investigation, PES advanced soil borings at thirteen exterior locations, and four interior locations within the basement of the four-story building at 22330 Main Street for the purpose of collecting grab groundwater and/or soil vapor samples. As indicated on Plate 2, the boring locations were placed in areas of potential concern based historical site uses at the site and adjacent properties (discussed in Section 2.2). The drilling and sampling activities were conducted with oversight by a licensed California Professional Geologist.

3.1.1 Pre-Field Activities

Boring permits were obtained from the Alameda County Public Works Agency (ACPWA) prior to drilling. Copies of the boring permits are included in Appendix A. PES contacted Underground Service Alert more than 48 hours before beginning drilling activities and C. Cruz Subsurface Locators cleared the boring locations for subsurface utilities prior to conducting intrusive subsurface activities. PES coordinated with Penecore Drilling of Woodland, California, and Environmental Control Associates (ECA) of Santa Cruz, California, both licensed drilling contractors possessing valid C-57 water well contractor's licenses issued by the State of California, to conduct soil borings and sampling activities. A site-specific Health and Safety Plan that complied with applicable federal, California Occupational Safety and Health Administration (OSHA), and Title 29 CFR 1910.120 guidelines was prepared by PES for the sampling activities.

3.1.2 Sampling Methods

3.1.2.1 Grab Groundwater

Five grab groundwater samples were collected at exterior locations of the site (Plate 2). To ascertain depth to first-encountered groundwater at the site, PES observed borehole drilling and prepared a lithologic log of continuously-cored soil at boring GW2 using the Unified Soil Classification System (USCS). The lithologic log is presented in Appendix B.

Penecore and ECA utilized track-mounted direct-push drilling rigs to advance the borings to the desired depth, which ranged between 5 feet below ground surface (bgs) and 28 feet bgs. At boring GW2, Penecore utilized a dual-walled sampling system equipped with a clear acetate liner to collect continuous soil cores on November 14, 2014. For the remaining grab groundwater sample borings, a single-wall direct-push casing was advanced to the total boring depth.

To facilitate groundwater sampling, a 1-inch diameter schedule 40 polyvinyl chloride (PVC) well casing fitted with a 10-foot section of factory-slotted PVC well screen was lowered into the borings. Groundwater samples were collected from the PVC casing with a new disposable Teflon® bailer. The samples were collected in appropriate laboratory-provided sample containers. Sample containers were labeled to indicate project location, job number, boring number, sample number, and time and date collected. The samples were immediately placed in a thermally-insulated cooler containing ice. The samples were transported under chain of custody protocol to Torrent Laboratory in Milpitas, California, which is a California state-certified laboratory for chemical analysis performed.

3.1.2.2 Soil Vapor Survey

The active soil gas survey was conducted in general accordance with procedures outlined in the *Advisory for Active Soil Gas Investigations* published by the Department of Toxic Substances

Control (DTSC), the Regional Water Quality Control Board (RWQCB), Los Angeles Region and the RWQCB, San Francisco Bay Region dated April 2012 (*Advisory*). Soil gas samples were collected from thirteen locations at 5 feet bgs (SV1 through SV13) and at 10 feet bgs at four locations (SV1, SV2, SV10, and SV-12). Soil gas samples SV1 through SV7 were collected on November 14, 2014, and samples SV8 through SV13 were collected on December 16, 2014. In accordance with the *Advisory,* to minimize potential bias from precipitation events prior to the December 16, 2014 soil gas sampling, soil gas samples were collected from beneath areas with high-integrity pavement. During installation of temporary soil gas probes at the four planned interior locations on November 14, 2014, a deeper concrete structural foundation was encountered at depth (beneath the concrete floor slab of the four-story building basement level). The deeper concrete foundation prevented installation of the probes and soil gas samples from beneath the building were not obtained.

Temporary soil gas sampling probes were constructed at each location by advancing a 1½-inch diameter sampling rod equipped with a 1 5/8-inch diameter disposable tip to the desired depth using a direct-push rig. Teflon® tubing equipped with a filter cartridge was then extended to the bottom of the rod and a minimum 1-foot thick sand pack was placed around it as the rod is slowly raised. A minimum 6-inch thick bentonite chip seal was placed on top of the sand pack and then hydrated with deionized water. The remainder of the borehole was then backfilled with a hydrated bentonite seal. As recommended in the DTSC Advisory, prior to sampling, each soil gas probe was allowed to equilibrate for a minimum of 2 hours.

Prior to purging and the collection of soil vapor samples, shut-in leak testing was 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-H2O), then shutting the vacuum in with closed valves on opposite ends of the sampling train. A vacuum gauge was used to confirm that no observable loss of vacuum was occurring for at least one minute prior to purging and the collection of soil vapor samples.

In accordance with the *Advisory*, a default of three purge volumes was removed from the probes prior to sampling. Each sample was collected using a 1-liter SUMMA canister that was batch-certified clean. A leak test was performed with each sample to evaluate whether a good seal was established in the sampling train, ground surface, and probe interface. To evaluate for potential sample dilution due to leaks or improper seals, the primary SUMMA canister was placed within a shroud; a second SUMMA canister was also placed inside the shroud to collect a representative sample of the shroud atmosphere. Once sampling had begun the shroud was charged with a leak detection compound (1,1-difluoroethane [1,1-DFA]). The shroud remained in place for the duration of the vapor sampling.

After sampling, the SUMMA canisters were transported to the analytical laboratory under chain-of-custody protocol.

Upon completion of soil gas sampling activities, the Teflon® tubing was removed from each borehole prior to grouting the borehole to the ground surface with a neat cement grout. The boreholes were grouted under supervision of an ACPWA inspector and the borehole surface was patched to match the existing surface materials. Downhole drilling and sampling equipment were cleaned via high pressure hot water wash prior to use and between borings. Investigation-derived waste (IDW) generated during the investigation activities was containerized in DOT-approved 55-gallon steel drums and temporarily stored at the subject property (1013 McKeever).

3.2 Analytical Methods

The soil vapor and groundwater samples were delivered to Torrent Laboratory of Milpitas, California (licensed by the State of California for the requested analyses) accompanied by a completed chain of custody form. The following test methods were used to perform the analyses:

Groundwater

- Volatile organic compounds (VOCs) plus methyl tert butyl ether [MTBE] and gasoline oxygenates by U.S. Environmental Protection Agency (USEPA) Test Method 8260B; and

- Total petroleum hydrocarbons quantified as gasoline (TPHg) by USEPA Test Method 8015B.

Soil Vapor

- VOCs using USEPA Test Method TO-15 and for the propellant tracer 1,1-difluoroethane (1,1-DFA) by USEPA Test Method TO-3. The shroud atmosphere samples were analyzed only for 1,1-DFA by USEPA Test Method TO-3.

4.0 RESULTS OF SUBSURFACE INVESTIGATION

4.1 Subsurface Conditions

Soil observed at the location of boring GW2 consists of stiff to hard silts with sand to approximately 15 feet bgs, and is underlain by dense sands with silt to 30 feet bgs. Wet soil was first encountered at approximately 24 feet bgs. The lithologic log is presented in Appendix B.

4.2 Laboratory Analytical Results

Analytical results presenting detected compounds for the soil vapor and groundwater samples are summarized in Tables 1 and 2. Select soil gas and groundwater results are posted on

Plates 3 and 4, respectively. Laboratory analytical reports and chain-of-custody forms are presented in Appendix C.

The groundwater analytical results presented in Table 1 are compared in Section 4.2.1 to the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) risk-based Environmental Screening Level (ESL) concentrations for groundwater (where groundwater is a current or potential drinking water source) for evaluation of potential vapor intrusion concerns (Table E-1). The ESLs were developed by the RWQCB to be protective of human health and the environment where potentially complete exposure pathways exist, and are based on hypothetical concentrations that would indicate a 1 $x10^{-6}$ excess lifetime cancer risk level.

The soil gas results presented on Table 2 are compared in Section 4.2.2 to the RWQCB's risk-based ESL concentrations for vapor intrusion into buildings (Table E-2).

4.2.1 Groundwater Results

As indicated in Table 1 and as shown on Plate 3, low concentrations of aromatic and chlorinated VOCs were detected in groundwater samples. TPHg was not detected in the groundwater sample collected from boring GW5. As indicated on Table 2, none of the detected concentrations were above their respective ESLs for potential vapor intrusion concerns in groundwater for commercial or residential land uses[1]. Additionally, while groundwater at the site is not currently used as a source of drinking water, none of the concentrations in groundwater were at or above California drinking water Maximum Contaminant Levels (MCLs).

4.2.2 Soil Gas Results

As indicated in Table 2 and as shown on Plate 4, aromatic VOCs (including benzene and ethylbenzene) as well as the chlorinated VOC PCE were detected in soil gas samples. No VOCs were detected in the soil gas samples at concentrations above the commercial ESLs for vapor intrusion concerns. PCE and ethylbenzene were detected at concentrations above the residential ESLs at six locations on the eastern portion of the subject property (Plate 4).

Based on comparison of the concentrations of leak check compound (1,1-DFA) in the primary and shroud samples, the soil gas results do not indicate ambient air breakthrough occurred in any significant amount, and the percentage of leak check compound in the primary samples was far less than 5% of the concentrations detected in shroud samples[2].

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[1] Note that, as shown in Tables 1 and 2, not all constituents have ESLs.

[2] The *Advisory* recommends that primary samples should not have greater than 5% ambient air breakthrough.

5.0 DISCUSSION AND RECOMMENDATIONS

PES performed a limited subsurface investigation at the subject property in Hayward, California on November 14 and December 16, 2014. The investigation included grab groundwater and soil gas sampling to assess for potential impact to the site from historical and current site operations and potential off-site sources. Borings were advanced and sampled at 18 locations (five grab groundwater, and thirteen soil gas sample locations) during implementation of the investigation.

5.1 Groundwater

All constituents detected in the groundwater samples were below RWQCB ELSs and California MCLs.

The pattern of detections in the groundwater data suggests the presence of a relatively low-level, area-wide impact to the groundwater by petroleum hydrocarbons and chlorinated VOCs that may be attributed to the long term commercial/industrial use of many properties in subject property vicinity. This is evidenced by the hydraulically upgradient groundwater samples (i.e., GW2, GW3, GW4, and GW5) with detections including chlorinated VOCs PCE and trichloroethylene (TCE), and the aromatic VOCs, benzene, toluene and methyl-tert-butyl-ether (MTBE) (petroleum hydrocarbon-associated compounds), that appear to be coming from off-site location(s). The actual routes of migration of the contaminants in shallow groundwater may be influenced by the predominant groundwater flow direction, utility corridors, sanitary lines, sewer collection lines, subsurface pumping for foundation/basement dewatering, and other potential factors. The actual source of the groundwater contamination encountered during the investigation may not practicably be determined and was not part of the scope of the limited investigation reported herein. However, based on the low concentrations of the detected VOCs, there does not appear to be significant vapor intrusion concerns for the current use (commercial) of the site resultant from impacts to groundwater beneath the site. Furthermore, detected groundwater concentrations are also below residential use ESLs.

Based on the results of the subsurface investigation, additional groundwater investigation or recommendations for groundwater investigation activities at the subject property does not appear warranted and none is recommended at this time.

5.2 Soil Gas

As indicated in Table 2, numerous VOCs were detected in soil gas. All VOCs were detected at concentrations below applicable commercial ESLs, and indicates that current soil gas conditions do not represent an unacceptable risk to current commercial site users due to exposure to soil vapor.

As shown on Plate 4 and Table 2, relatively elevated concentrations of PCE were detected in five of the six soil gas samples collected in the northeastern quadrant of the site (i.e., north,

east and south of the four-story medical building), represented by soil gas samples SV1, SV2, SV3, SV4, SV11, and SV12. Co-located shallow (5-foot bgs) and deeper (10-foot bgs) samples were also collected at three of the soil gas sample locations (SV1, SV2, and SV12) in the northeast quadrant. Concentrations of PCE were higher in each of the deeper samples.

Based on the proximity of the detections to the known release at 22401-22487 Foothill Boulevard, located across Maple Court and in northeastern proximity to the site, the concentrations of PCE detected in soil gas samples may be attributable to the identified release of PCE to the subsurface at that site. Potential transport mechanisms for PCE vapor from the 22401-22487 Foothill Boulevard site and detected in site soil gas samples include: (1) utility corridors; and (2) coarse-grained material underlying the 22401-22487 Foothill Boulevard site (AEI, 2014b). PES understands that the 22401-22487 Foothill Boulevard site is undergoing remediation with oversight from the RWQCB, and that a Remedial Action Work Plan (RAWP) was recently prepared by AEI for that site (AEI, 2014b). The RAWP proposes performing a soil vapor extraction (SVE) pilot test, including the installation of two soil vapor extraction trenches within the Building 2 location (formerly occupied by Selix Formalwear), as well as soil and soil vapor sampling. As of the date of this report the RWQCB has not responded to the activities proposed in the RAWP.

Should the current commercial use in the northeastern portion of the site be continued, no additional investigation or recommendations for remediation activities at the subject property appear warranted and none is recommended at this time.

5.2.1 Residential Redevelopment Considerations

At areas of the subject site represented by soil gas samples SV5, SV6, SV7, SV8, SV9, SV10, and SV13, PCE was either not detected at or above the laboratory reporting limit (SV6, SV9 and SV13), or was detected at relatively low concentrations and below the conservative residential ESL (210 $\mu g/m^3$). The detected concentrations do not represent an unacceptable risk to potential future residential site users due to exposure to PCE vapor.

As shown on Plate 4, PCE was detected above the conservative residential ESL in soil gas samples collected in the northeastern quadrant of the site (samples SV1, SV2, SV3, SV4, SV11, and SV12). Should redevelopment for future residential uses in this area of the site be planned, it is anticipated that industry standard vapor mitigation measures (such as a vapor barrier with a passive ventilation system) may be employed as part of redevelopment to address potential indoor air concerns for future residential users in the northeast portion of the site.

As noted above, soil vapor samples were not able to be collected beneath the hospital building due to unanticipated conditions. In the event suspect environmental conditions are encountered in the subsurface during demolition or site redevelopment, further assessment (e.g., in accordance with a Site Management and Contingency Plan) may be warranted to evaluate the suspect environmental conditions.

6.0 REFERENCES

AEI Consultants (AEI), 2014a. *Subsurface Investigation, 22401 – 22487 Foothill Boulevard, Hayward, California*. Dated April 29.

AEI, 2014b. *Remedial Action Work Plan, 22401 – 22487 Foothill Boulevard, Hayward, California*. December 19.

Alameda County Assessor's Office (Assessor's Office), 2014. *http://www.acgov.org/assessor/maps2.htm*. Viewed on October 2.

California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), 2013. *Environmental Screening Levels*. December.

PES Environmental, 2015. *Phase I Environmental Site Assessment, Parcels 428-61-1 and 428-61-27, Hayward, California*. August 6.

RWQCB, 2014. *Approval of Subsurface Investigation Report and Request for Remedial Action Workplan - Selix Formalwear, 22423 Foothill Boulevard, Hayward, Alameda County*. July 1.

TABLES

Table 1
Summary of Groundwater Analytical Results
22330 Main Street
Hayward, California

Sample Location	Sample Identification	Date Collected	TPH-g (µg/L)	VOCs																
				PCE (µg/L)	TCE (µg/L)	cis 1,2-DCE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	MTBE (µg/L)	Isopropylbenzene (µg/L)	n-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	1,2,3-TCB (µg/L)	1,2,4-TCB (µg/L)	p-Isopropyltoluene (µg/L)	Hexachlorobutadiene (µg/L)	Chloroform (µg/L)	Naphthalene (µg/L)
GW1	GW1	11/14/2014	NA	**1.9**	**0.22 J**	< 0.70	< 0.70	< 0.70	< 0.70	**0.16 J**	**0.14 J**	**0.11**	**0.16 J**	**0.18 J**	**0.88**	**0.49 J**	**0.20 J**	**0.38 J**	**0.45 J**	**0.93 J**
GW2	GW2	11/14/2014	NA	**1.8**	< 0.50	< 0.50	< 0.50	**1.6**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
GW3	GW3	11/14/2014	NA	**3.1**	**0.41 J**	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	**0.27 J**	< 0.54
GW4	GW4	11/14/2014	NA	**0.62 J**	**0.19**	< 0.75	**0.20 J**	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	**1.4**	< 0.75
GW5	GW5	11/14/2014	< 42	**1.6**	**0.53 J**	**0.41 J**	< 0.68	**1.8**	**0.68**	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Final Groundwater Screening Level (1)			100	5.0	5.0	6.0	1.0	40	5.0	NE	NE	NE	10	65	NE	5.0	NE	0.86	80	6.1
Screening Level for Potential Vapor Intrusion (2)			NE	63	130	3,100	27	95,000	9,900	NE	NE	NE	190	NE	NE	7,300	NE	NE	170	160

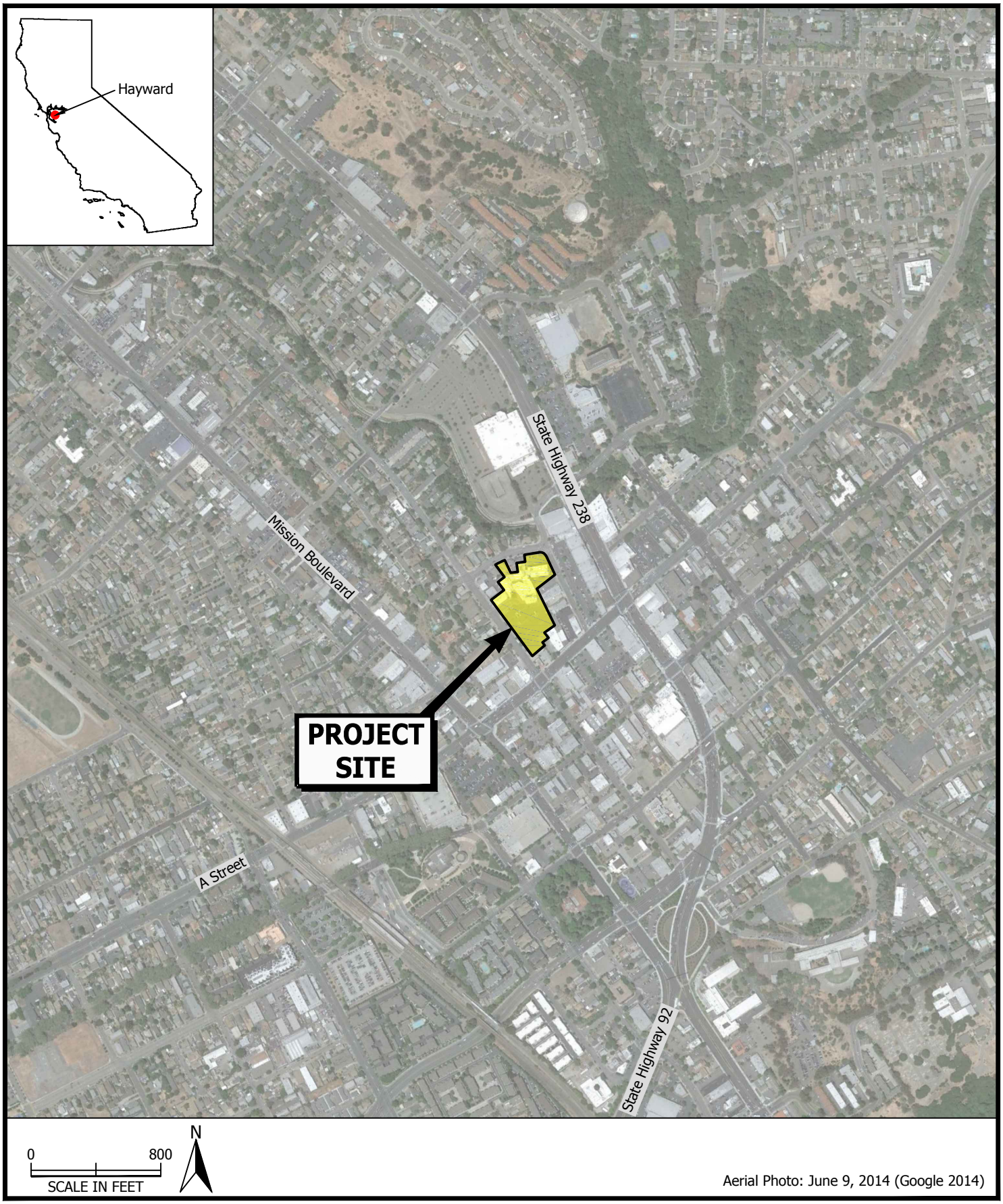
Notes:
Detections are shown in **bold**. Detections above the listed screening levels are shaded.
TPHg: Total petroleum hydrocarbons quantified as gasoline by U.S. Environmental Protection Agency (EPA) Test Method 8015B.
VOCs: Volatile organic compounds by U.S. EPA Test Method 8260B.
µg/L: Micrograms per liter.
PCE: Tetrachloroethylene.
TCE: Trichloroethylene.
cis 1,2-DCE: cis 1,2-dichloroethene.
MTBE: Methyl tert-butyl ether.
DCB: Dichlorobenzene.
TCB: Trichlorobenzene.
Only analytes detected are presented on this table.
< 0.70 : Not detected at the specified laboratory reporting limit.
J: Indicates a value between the method detection limit and practical quantitation limit and that the reported concentration should be considered as estimated rather than quantitative.
NA : Not analyzed.
NE: Not established.
(1) December 2013 Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) Environmental Screening Levels (ESLs), Table F-1A, Final Groundwater Screening Level
(2) December 2013 SFRWQCB ESLs, Table E-1, Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion - Fine - Coarse Mix- Residential Land Use

Table 2
Summary of Soil Vapor Analytical Results
22330 Main Street
Hayward, California

Sample Location	Depth (Feet bgs)	Sample Identification	Date Sampled	PCE ($\mu g/m^3$)	Benzene ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	Ethyl-benzene ($\mu g/m^3$)	m,p-Xylene ($\mu g/m^3$)	o-Xylene ($\mu g/m^3$)	Acetone ($\mu g/m^3$)	Ethyl Acetate ($\mu g/m^3$)	Freon 113 ($\mu g/m^3$)	Tert-Butanol ($\mu g/m^3$)	2-Butanone ($\mu g/m^3$)	MIBK ($\mu g/m^3$)	Chloroform ($\mu g/m^3$)	Hexane ($\mu g/m^3$)	Tetrahydro-furan ($\mu g/m^3$)	Carbon Disulfide ($\mu g/m^3$)	Styrene ($\mu g/m^3$)	1,2,4-TMB ($\mu g/m^3$)	1,3,5-TMB ($\mu g/m^3$)	Trichloro-flouromethane ($\mu g/m^3$)	1,1-Difluoroethane (ug/m^3)	1,1-Difluoroethane (Shroud Sample) (mg/m^3)[1]
SV1	5.0	SV1-5.0	11/14/2014	**230**	< 2.4	**545**	**12.2**	**69.6**	**27.3**	**1,010**	**6.32**	**21.4**	**28.4**	< 2.3	< 3.1	< 7.4	< 2.6	< 2.3	< 4.7	< 3.3	< 3.7	< 3.7	< 8.4	**28.4**	**360**
	10.0	SV1-10.0	11/14/2014	**404**	**2.83**	**246**	**3.81**	**26.8**	**8.45**	**122**	< 2.7	**36.6**	< 13	< 2.3	< 3.1	< 7.4	**3.62**	**5.18**	< 4.7	< 3.3	< 3.7	< 3.7	< 8.4	**541**	**4,600**
SV2	5.0	SV2-5.0	11/14/2014	**176**	< 16	**676**	< 22	**95.5**	**28.8**	**2,550**	< 18	< 39	< 84	< 15	< 21	< 49	< 18	< 15	< 31	< 22	< 25	< 25	< 56	**806**	**6,750**
	10.0	SV2-10.0	11/14/2014	**559**	< 16	**1,470**	**24.9**	**212**	**83.9**	**4,390**	< 18	< 39	**17.2 J**	< 15	< 21	< 49	< 18	< 15	< 31	< 22	< 25	< 25	< 56	**919**	**24,500**
SV3	5.0	SV3-5.0	11/14/2014	**363**	< 16	**1,810**	**28.4**	**185**	**49.0**	**371**	< 18	< 39	**18.5**	< 15	< 21	< 49	< 18	< 15	< 31	< 22	< 25	< 25	< 56	**1,180**	**10,500**
SV4	5.0	SV4-5.0	11/14/2014	**219**	< 40	< 48	< 54	< 110	< 54	< 480	< 45	< 96	< 210	< 38	< 51	< 120	< 44	< 38	< 78	< 55	< 61	< 61	< 140	**7,550**	**6,880**
SV5	5.0	SV5-5.0	11/14/2014	**97.9**	< 32	**2,410**	< 43	**160**	< 43	**199 J**	< 36	< 77	< 170	< 30	< 41	< 98	**303**	< 30	< 62	< 44	< 49	< 49	**67.2 J**	**331**	**8,600**
SV6	5.0	SV6-5.0	11/14/2014	< 17	< 8.0	**660**	**5.16 J**	**52.5**	**14.6**	**251**	< 9.0	< 19	< 42	< 7.5	< 10	< 25	< 8.8	< 7.5	**11.6 J**	< 11	< 12	< 12	< 28	**733**	**17,600**
SV7	5.0	SV7-5.0	11/14/2014	**15.6 J**	< 16	**68.4**	< 22	< 43	< 22	**237**	< 18	< 39	< 84	< 15	< 21	< 49	< 18	< 15	< 31	< 22	< 25	< 25	< 56	**168**	**9,080**
SV8	5.0	SV8-5.0	12/16/2014	**7.34**	**7.22**	**115**	**9.54**	**38.8**	**10.7**	**24**	< 2.2	< 4.8	< 10	**3.57**	< 2.5	**6.68**	< 2.2	**12**	< 3.8	< 2.7	< 3.0	< 3.0	< 6.9	< 1.7	**7,160**
SV9	5.0	SV9-5.0	12/16/2014	< 6.5	**4.34**	**54**	**4.02**	**20.4**	**5.11**	< 23	< 2.2	< 4.6	< 10	**5.04**	< 2.5	< 5.9	**7.35**	< 1.8	**3.98**	< 2.6	< 2.9	< 2.9	< 6.7	< 1.6	**6,710**
SV10	5.0	SV10-5.0	12/16/2014	**91.6**	< 1.9	**23.3**	**157**	**734**	**324**	< 23	**6.35**	< 4.6	< 10	< 1.8	**35.1**	< 5.9	< 2.1	< 1.8	< 3.7	< 2.6	**4.12**	< 2.9	< 6.7	< 1.6	**5,400**
	10.0	SV10-10.0	12/16/2014	**147**	< 1.6	**15.7**	< 2.2	**7.57**	< 2.2	< 19	**4.68**	**7.93**	< 8.4	< 1.5	< 2.1	< 4.9	< 1.8	< 1.5	< 3.1	< 2.2	**2.84**	< 2.5	< 5.6	< 1.4	**5,520**
SV11	5.0	SV11-5.0	12/16/2014	**519**	< 2.1	**706**	**1140**	**5660**	**1940**	**34**	< 2.4	**10.1**	< 11	**3.58**	**54.2**	< 6.4	< 2.3	**3.14**	< 4.1	**4.32**	**54**	**18.7**	< 7.3	< 1.8	**6,460**
SV12	5.0	SV12-5.0	12/16/2014	**210**	< 1.9	**3.97**	< 2.6	< 5.2	< 2.6	< 23	< 2.2	**22.8**	< 10	< 1.8	< 2.5	< 5.9	< 2.1	< 1.8	< 3.7	< 2.6	< 2.9	< 2.9	< 6.7	< 1.6	**29,500**
	10.0	SV12-10.0	12/16/2014	**216**	**5.27**	**55.6**	< 2.6	**8.5**	< 2.6	**47.8**	**4.30**	**29.1**	< 10	**3.29**	< 2.5	< 6.0	< 2.1	**2.89**	< 3.8	< 2.7	< 3.0	< 3.0	< 6.8	< 1.6	**13,300**
SV13	5.0	SV13-5.0	12/16/2014	< 4.2	**5.83**	**84.5**	**5.81**	**22.7**	**5.23**	**43.2**	**7.10**	< 4.8	< 10	**3.91**	< 2.5	< 6.1	**2.78**	**7.96**	< 3.8	< 2.7	< 3.0	< 3.0	< 6.9	< 1.7	**12,100**
Residential land use ESL [2]				210	42	160,000	490	52,000	52,000	16,000,000	NE	NE	NE	2,600,000	1,600,000	230	NE	NE	NE	470,000	NE	NE	NE	NE	NE
Commercial/Industrial land use ESL [3]				2,100	420	1,300,000	4,900	440,000	440,000	140,000,000	NE	NE	NE	22,000,000	13,000,000	2,300	NE	NE	NE	3,900,000	NE	NE	NE	NE	NE

Notes:
Detections are shown in **bold**. Detections above the listed screening levels are shaded.
Feet bgs: Feet below ground surface.
$\mu g/m^3$: micrograms per cubic meter.
mg/m^3: milligrams per cubic meter.
PCE: Tetrachloroethene.
1,1-Difluoroethane (leak check compound).
MIBK: methyl isobutyl ketone (4-Methyl-2-Pentanone)
1,2,4-TMB: 1,2,4-Trimethylbenzene
1,3,5-TMB: 1,3,5-Trimethylbenzene
Only analytes detected are presented on this table.
< 2.4: not detected at or above the indicated laboratory reporting limit.
J: Indicates a value between the method detection limit and practical quantitation limit and that the reported concentration should be considered as estimated rather the quantitative.
NE: Not established.
ESL: Environmental Screening Level.
[1] Collected in a separate shroud sample at ground surface.
[2] December 2013 Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) ESLs, Table E-2 Soil Gas Screening Levels for Evaluation of Potential Vapor Intrusion, Residential Land Use.
[3] December 2013 SFRWQCB ESLs, Table E-2 Soil Gas Screening Levels for Evaluation of Potential Vapor Intrusion, Commercial/Industrial Land Use.

ILLUSTRATIONS



Aerial Photo: June 9, 2014 (Google 2014)

PES Environmental, Inc.
Engineering & Environmental Services

Site Location
22330 Main Street
Hayward, California

PLATE
1

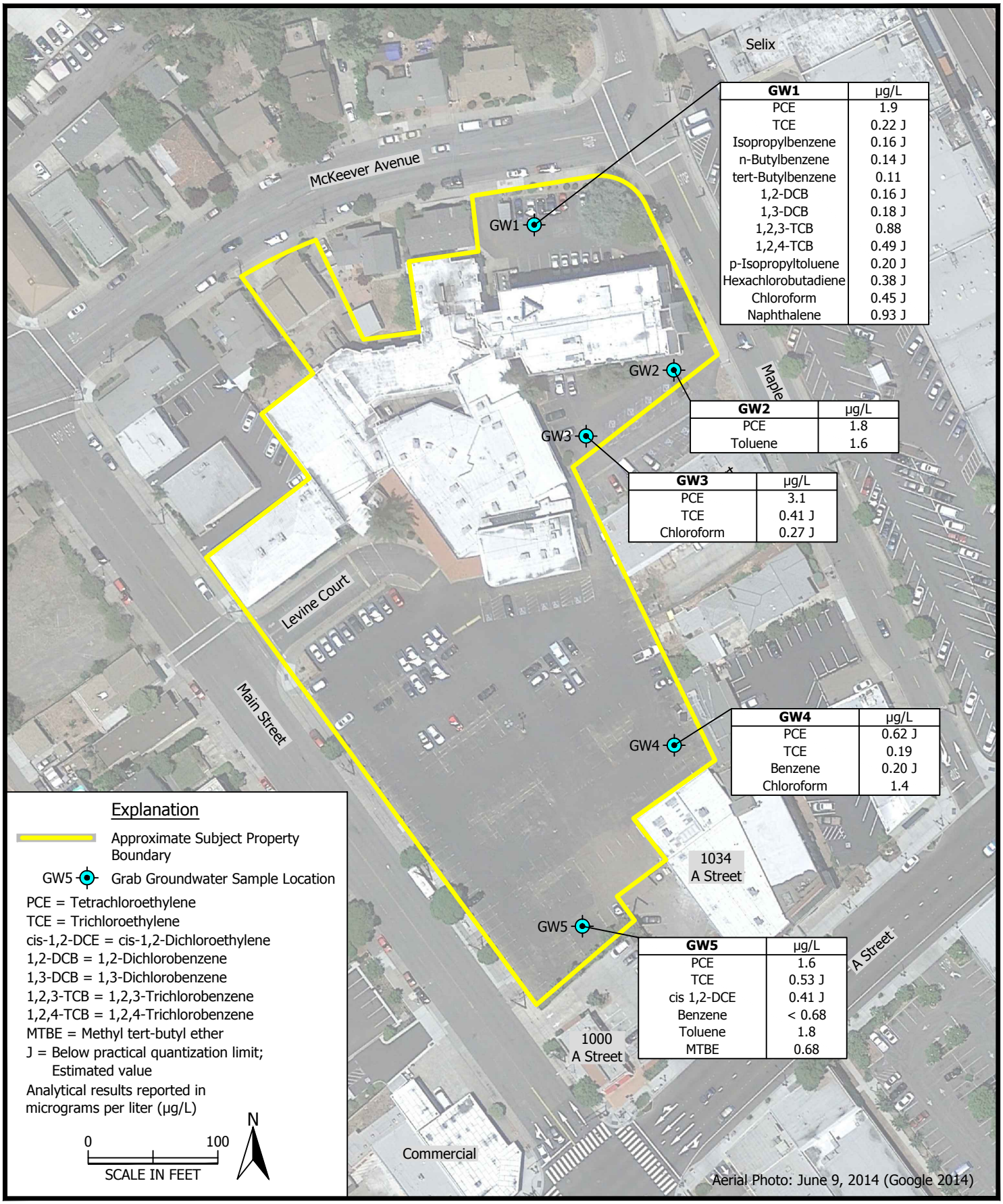
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE
1440.002.01.008	144000201008_1-4	CJB	8/15

PES Environmental, Inc.
Engineering & Environmental Services

Site Plan and Grab Groundwater and Soil Gas Sample Locations
22330 Main Street
Hayward, California

PLATE
2

1440.002.01.008	144000201008_1-4	CJB	8/15
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



GW1	µg/L
PCE	1.9
TCE	0.22 J
Isopropylbenzene	0.16 J
n-Butylbenzene	0.14 J
tert-Butylbenzene	0.11
1,2-DCB	0.16 J
1,3-DCB	0.18 J
1,2,3-TCB	0.88
1,2,4-TCB	0.49 J
p-Isopropyltoluene	0.20 J
Hexachlorobutadiene	0.38 J
Chloroform	0.45 J
Naphthalene	0.93 J

GW2	µg/L
PCE	1.8
Toluene	1.6

GW3	µg/L
PCE	3.1
TCE	0.41 J
Chloroform	0.27 J

GW4	µg/L
PCE	0.62 J
TCE	0.19
Benzene	0.20 J
Chloroform	1.4

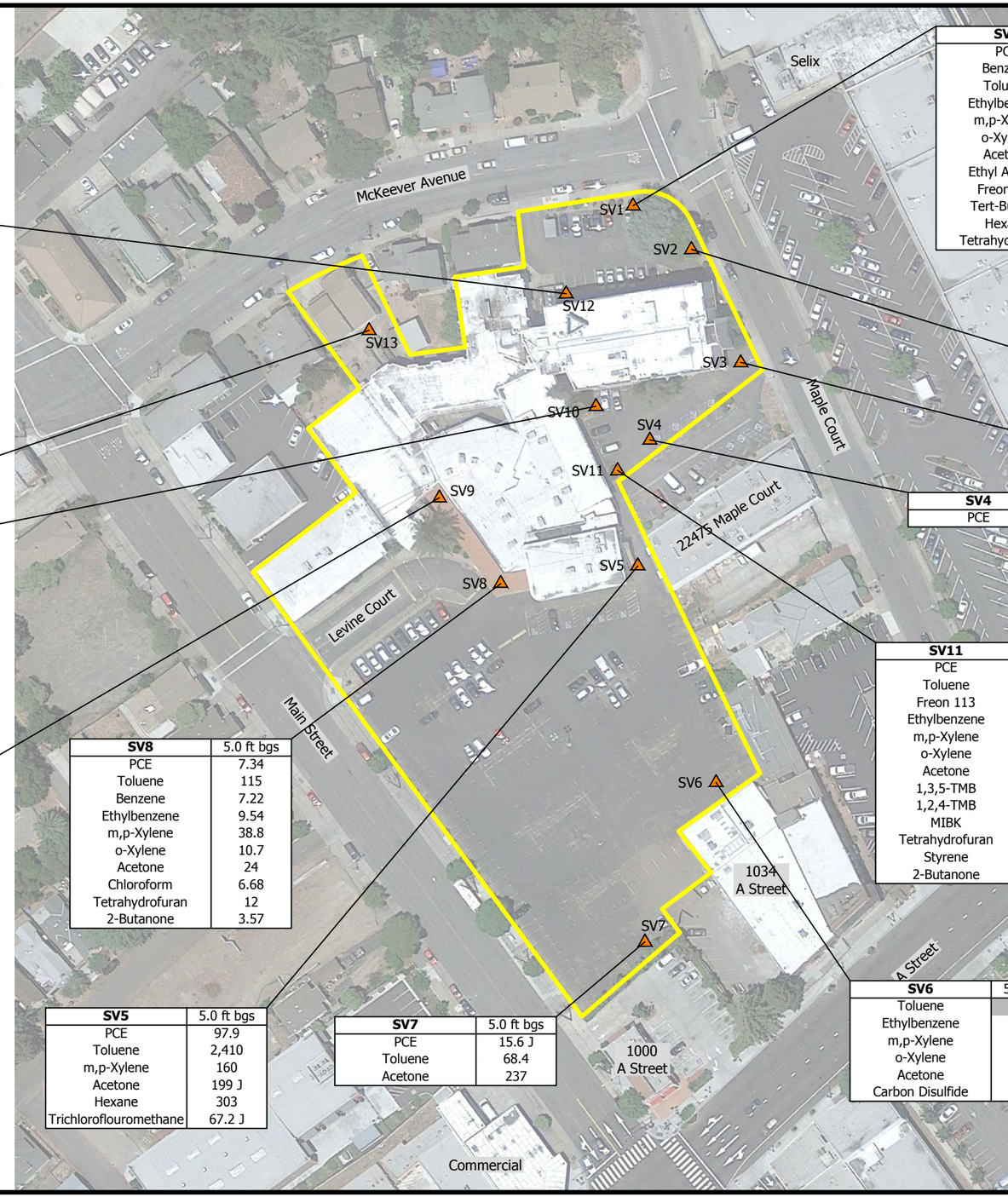
GW5	µg/L
PCE	1.6
TCE	0.53 J
cis 1,2-DCE	0.41 J
Benzene	< 0.68
Toluene	1.8
MTBE	0.68

PES Environmental, Inc.
Engineering & Environmental Services

Summary of Grab Groundwater Sample Analytical Results
22330 Main Street
Hayward, California

PLATE
3

1440.002.01.008	144000201008_1-4	CJB	8/15
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



SV12	5.0 ft bgs	10.0 ft bgs
PCE	210	216
Toluene	3.97	55.6
Benzene	< 1.9	5.27
m,p-Xylene	< 5.2	8.5
Tetrahydrofuran	< 1.8	2.89
Ethyl Acetate	< 2.2	4.30
2-Butanone	< 1.8	3.29
Freon 113	22.8	29.1
Acetone	< 23	47.8

SV13	5.0 ft bgs
Toluene	84.5
Ethyl Acetate	7.1
Benzene	5.83
Ethylbenzene	5.81
m,p-Xylene	22.7
o-Xylene	5.23
Acetone	43.2
Hexane	2.78
Tetrahydrofuran	7.96
2-Butanone	3.91

SV10	5.0 ft bgs	10.0 ft bgs
PCE	91.6	147
Toluene	23.3	15.7
Ethylbenzene	157	< 2.2
m,p-Xylene	734	7.57
o-Xylene	324	< 2.2
Ethyl Acetate	6.35	4.68
1,2,4-TMB	4.12	2.84
Freon 113	< 4.6	7.93
MIBK	35.1	< 2.1

SV9	5.0 ft bgs
Toluene	54
Benzene	4.34
Ethylbenzene	4.02
m,p-Xylene	20.4
o-Xylene	5.11
2-Butanone	5.04
Carbon Disulfide	3.98
Hexane	7.35

SV8	5.0 ft bgs
PCE	7.34
Toluene	115
Benzene	7.22
Ethylbenzene	9.54
m,p-Xylene	38.8
o-Xylene	10.7
Acetone	24
Chloroform	6.68
Tetrahydrofuran	12
2-Butanone	3.57

SV5	5.0 ft bgs
PCE	97.9
Toluene	2,410
m,p-Xylene	160
Acetone	199 J
Hexane	303
Trichloroflouromethane	67.2 J

SV7	5.0 ft bgs
PCE	15.6 J
Toluene	68.4
Acetone	237

SV1	5.0 ft bgs	10.0 ft bgs
PCE	230	404
Benzene	< 2.4	2.83
Toluene	545	246
Ethylbenzene	12.2	3.81
m,p-Xylene	69.6	26.8
o-Xylene	27.3	8.45
Acetone	1,010	122
Ethyl Acetate	6.32	< 2.7
Freon 113	21.4	36.6
Tert-Butanol	28.4	< 13
Hexane	< 2.6	3.62
Tetrahydrofuran	< 2.3	5.18

SV2	5.0 ft bgs	10.0 ft bgs
PCE	176	559
Toluene	676	1,470
Ethylbenzene	< 22	24.9
m,p-Xylene	95.5	212
o-Xylene	28.8	83.9
Acetone	2,550	4,390
Tert-Butanol	< 84	17.2 J

SV4	5.0 ft bgs
PCE	219

SV3	5.0 ft bgs
PCE	363
Toluene	1,810
Ethylbenzene	28.4
m,p-Xylene	185
o-Xylene	49.0
Acetone	371
Tert-Butanol	18.5

SV11	5.0 ft bgs
PCE	519
Toluene	706
Freon 113	10.1
Ethylbenzene	1,140
m,p-Xylene	5,660
o-Xylene	1,940
Acetone	33.8
1,3,5-TMB	18.7
1,2,4-TMB	54
MIBK	54.2
Tetrahydrofuran	3.14
Styrene	4.32
2-Butanone	3.58

SV6	5.0 ft bgs
Toluene	660
Ethylbenzene	5.16 J
m,p-Xylene	52.5
o-Xylene	14.6
Acetone	251
Carbon Disulfide	11.6 J

Explanation

Approximate Subject Property Boundary

SV5 Soil Gas Sample Location

PCE = Tetrachloroethylene
MIBK = Methyl isobutyl ketone
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
J = below practical quantization limit; estimated value
ft bgs = feet below ground surface

Analytical results reported in micrograms per cubic meter ($\mu g/m^3$)

Analytical results above residential screening levels are shaded

0 100
SCALE IN FEET

N

Aerial Photo: June 9, 2014 (Google 2014)

PES Environmental, Inc.
Engineering & Environmental Services

Summary of Soil Gas Sample Analytical Results
22330 Main Street
Hayward, California

PLATE
4

1440.002.01.008	144000201008_1-4	CJB	8/15
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

APPENDIX A

ALAMEDA COUNTY PUBLIC WORKS AGENCY SOIL BORING PERMITS

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 11/12/2014 By jamesy

Permit Numbers: W2014-1089
Permits Valid from 11/14/2014 to 11/14/2014

Application Id: 1415662248501
City of Project Site: Hayward
Site Location: 22330 Main St, Hayward
APN 428-61-61-1
Project Start Date: 11/14/2014
Completion Date: 11/14/2014
Assigned Inspector: Contact Balance Hydrologics, Inc at (510) 473-5663 or acwells@balancehydro.com

Applicant: PES Environmental, Inc. - Chris Baldassari
1682 Novato Bl., Ste 100, Novato, CA 94947
Phone: 415-899-1600

Property Owner: Michael Toshio
1415 Rollins Rd. Suite210, Burlingame, CA 94010
Phone: 650-348-6149

Client: Blake Peters, c/o BAPD
327 Waverley Street, Palo Alto, CA 94301
Phone: 650-288-5970

Contact: Gavin Creps
Phone: 415-899-1600
Cell: 415-497-2736

Total Due: $265.00
Receipt Number: WR2014-0463 **Total Amount Paid:** $265.00
Payer Name : Christopher Baldassari Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 17 Boreholes
Driller: Penecore - Lic #: 906899 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2014-1089	11/12/2014	02/12/2015	17	2.00 in.	30.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 12/11/2014 By priest

Permit Numbers: W2014-1148
Permits Valid from 12/16/2014 to 12/16/2014

Application Id:	1418067863408	**City of Project Site:**	Hayward
Site Location:	22330 Main Street		
Project Start Date:	12/16/2014	**Completion Date:**	12/16/2014
Assigned Inspector:	Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org		

Applicant:	PES Environmental, Inc. - Chris Baldassari 1682 Novato Bl., Ste 100, Novato, CA 94947	**Phone:** 415-899-1600
Property Owner:	Michael Toshio 1415 Rollins Rd. Suite210, Burlingame, CA 94010	**Phone:** 650-348-6149
Client:	Blake Peters, c/o BAPD 327 Waverley Street, Palo Alto, CA 94301	**Phone:** 650-288-5970
Contact:	Matt Eddy	**Phone:** 415-497-2741 **Cell:** --

	Total Due:	$265.00
Receipt Number: WR2014-0500	**Total Amount Paid:**	$265.00
Payer Name : Christopher Baldassari	Paid By: VISA	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 8 Boreholes
Driller: environmental control associates - Lic #: 695970 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2014-1148	12/11/2014	03/16/2015	8	2.00 in.	10.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

APPENDIX B

LITHOLOGIC LOG

MAJOR DIVISIONS				TYPICAL NAMES
COARSE-GRAINED SOILS MORE THAN HALF IS COARSER THAN NO. 200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS WITH LESS THAN 15% FINES	GW	WELL-GRADED GRAVELS WITH OR WITHOUT SAND
			GP	POORLY-GRADED GRAVELS WITH OR WITHOUT SAND
		GRAVELS WITH 15% OR MORE FINES	GM	SILTY GRAVELS WITH OR WITHOUT SAND
			GC	CLAYEY GRAVELS WITH OR WITHOUT SAND
	SANDS MORE THAN HALF COARSE FRACTION IS FINER THAN NO. 4 SIEVE SIZE	CLEAN SANDS WITH LESS THAN 15% FINES	SW	WELL-GRADED SANDS WITH OR WITHOUT GRAVEL
			SP	POORLY-GRADED SANDS WITH OR WITHOUT GRAVEL
		SANDS WITH 15% OR MORE FINES	SM	SILTY SANDS WITH OR WITHOUT GRAVEL
			SC	CLAYEY SANDS WITH OR WITHOUT GRAVEL
FINE-GRAINED SOILS MORE THAN HALF IS FINER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT 50% OR LESS		ML	INORGANIC SILTS OF LOW TO MEDIUM PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
			OL	ORGANIC SILTS OR CLAYS OF LOW TO MEDIUM PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50%		MH	INORGANIC SILTS OF HIGH PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
			CH	INORGANIC CLAYS OF HIGH PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
			OH	ORGANIC SILTS OR CLAYS OF HIGH PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
HIGHLY ORGANIC SOILS			PT	PEAT AND OTHER HIGHLY ORGANIC SOILS

ABBREVIATION KEY

PID (PPM)	- Photo Ionization Detector readings in parts per million from field headspace sample screening.
BLOWS/6IN	- Blows required to drive sampler 6 inches as indicated on the logs using sample drive hammer weight of 140 pounds falling 30 inches.
(10,60,30)	- Percent gravel, percent sand, percent silt/clay
2.5YR 6/2	- Soil Color according to Munsell Soil Color Charts (1994 Revised Edition)
feet MSL	- feet above Mean Sea Level
feet BGS	- feet below ground surface

SYMBOLS KEY

- ☐ - No Soil Sample Recovered
- ▨ - Partial Soil Sample Recovered
- ☒ - Undisturbed Soil Sample Recovered
- ■ - Soil Sample Submitted for Laboratory Analysis
- ⊞ - Hydropunch Sample
- ▽ - First Encountered Wet Soil
- ▼ - Piezometric Groundwater level

PES Environmental, Inc.
Engineering & Environmental Services

Unified Soil Classification System Chart
22330 Main Street
Hayward, CA

PLATE
B-0

1440.002.01	USCS Chart	KSF	1/15
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF SOIL BORING GW2

PID (ppm)	Blows/6-in.	DEPTH (FT)	GRAPHICS	MATERIALS DESCRIPTION
				CONCRETE
				DARK BROWN SILT WITH SAND (ML) 7.5YR 3/2, moist, very stiff, (0% gravel, 20% sand, 80% fines)
		5		Change in color to BROWN (7.5YR 4/3), change in moisture to dry at 5 feet bgs
		10		BROWN SANDY SILT (ML) 10YR 4/3, dry, stiff, (0% gravel, 35% sand, 65% fines)
		15		DARK YELLOWISH BROWN SILTY SAND (SM) 10YR 4/4, moist, (0% gravel, 60% sand, 40% fines)
				Change in moisture to dry
		20		Change in moisture to moist
		25		Change in moisture to wet
		30		Bottom of boring at 30 feet bgs. Boring backfilled with neat cement grout.

PROJECT	22330 Main Street	REVIEWED BY	KSF
LOCATION	Hayward, CA	DIAMETER OF HOLE	2.5 inches
JOB NUMBER	1440.002.01	TOTAL DEPTH OF HOLE	30 feet
LOGGED BY	M. Eddy	DATE STARTED	11/14/14
DRILL RIG	Geoprobe 6020 Direct Push	DATE COMPLETED	11/14/14

PLATE
B-1

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

PES Environmental, Inc
1682 Novato Blvd. STE#100
Novato, California 94947
Tel: (415) 899-1600
Fax: (415) 899-1601

RE: 22330 Main St./ Hayward

Work Order No.: 1411073

Dear Kyle Flory:

Torrent Laboratory, Inc. received 5 sample(s) on November 14, 2014 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.

Yelena Brodskaya
Technical Manager

November 20, 2014
Date

Date: 11/20/2014

Client: PES Environmental, Inc

Project: 22330 Main St./ Hayward

Work Order: 1411073

CASE 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.

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Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

GW 1 1411073-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chloroform	SW8260B	1.4	0.18	0.70	0.45	ug/L
Trichloroethylene	SW8260B	1.4	0.18	0.70	0.22	ug/L
Tetrachloroethylene	SW8260B	1.4	0.20	0.70	1.9	ug/L
Isopropyl Benzene	SW8260B	1.4	0.14	0.70	0.16	ug/L
tert-Butylbenzene	SW8260B	1.4	0.11	0.70	0.11	ug/L
p-Isopropyltoluene	SW8260B	1.4	0.13	0.70	0.20	ug/L
1,3-Dichlorobenzene	SW8260B	1.4	0.15	0.70	0.18	ug/L
n-Butylbenzene	SW8260B	1.4	0.11	0.70	0.14	ug/L
1,2-Dichlorobenzene	SW8260B	1.4	0.080	0.70	0.16	ug/L
Hexachlorobutadiene	SW8260B	1.4	0.27	0.70	0.38	ug/L
1,2,4-Trichlorobenzene	SW8260B	1.4	0.17	0.70	0.49	ug/L
Naphthalene	SW8260B	1.4	0.19	1.4	0.93	ug/L
1,2,3-Trichlorobenzene	SW8260B	1.4	0.33	0.70	0.88	ug/L

GW 2 1411073-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Toluene	SW8260B	1	0.14	0.50	1.6	ug/L
Tetrachloroethylene	SW8260B	1	0.14	0.50	1.8	ug/L

GW 3 1411073-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chloroform	SW8260B	1.08	0.14	0.54	0.27	ug/L
Trichloroethylene	SW8260B	1.08	0.14	0.54	0.41	ug/L
Tetrachloroethylene	SW8260B	1.08	0.16	0.54	3.1	ug/L

GW 4 1411073-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chloroform	SW8260B	1.5	0.19	0.75	1.4	ug/L
Benzene	SW8260B	1.5	0.19	0.75	0.20	ug/L
Trichloroethylene	SW8260B	1.5	0.19	0.75	0.19	ug/L
Tetrachloroethylene	SW8260B	1.5	0.22	0.75	0.62	ug/L

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

GW 5

1411073-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1.35	0.23	0.68	0.68	ug/L
cis-1,2-Dichloroethene	SW8260B	1.35	0.26	0.68	0.41	ug/L
Trichloroethylene	SW8260B	1.35	0.17	0.68	0.53	ug/L
Toluene	SW8260B	1.35	0.20	0.68	1.8	ug/L
Tetrachloroethylene	SW8260B	1.35	0.20	0.68	1.6	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 1	**Lab Sample ID:**	1411073-001A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:20		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	NA	11/19/14	1.4	0.25	0.70	ND		ug/L	423300	NA
Chloromethane	SW8260B	NA	11/19/14	1.4	0.22	0.70	ND		ug/L	423300	NA
Vinyl Chloride	SW8260B	NA	11/19/14	1.4	0.22	0.70	ND		ug/L	423300	NA
Bromomethane	SW8260B	NA	11/19/14	1.4	0.25	0.70	ND		ug/L	423300	NA
Trichlorofluoromethane	SW8260B	NA	11/19/14	1.4	0.26	0.70	ND		ug/L	423300	NA
1,1-Dichloroethene	SW8260B	NA	11/19/14	1.4	0.21	0.70	ND		ug/L	423300	NA
Freon 113	SW8260B	NA	11/19/14	1.4	0.27	0.70	ND		ug/L	423300	NA
Methylene Chloride	SW8260B	NA	11/19/14	1.4	0.32	7.0	ND		ug/L	423300	NA
trans-1,2-Dichloroethene	SW8260B	NA	11/19/14	1.4	0.27	0.70	ND		ug/L	423300	NA
MTBE	SW8260B	NA	11/19/14	1.4	0.24	0.70	ND		ug/L	423300	NA
tert-Butanol	SW8260B	NA	11/19/14	1.4	2.2	7.0	ND		ug/L	423300	NA
Diisopropyl ether (DIPE)	SW8260B	NA	11/19/14	1.4	0.18	0.70	ND		ug/L	423300	NA
1,1-Dichloroethane	SW8260B	NA	11/19/14	1.4	0.18	0.70	ND		ug/L	423300	NA
ETBE	SW8260B	NA	11/19/14	1.4	0.24	0.70	ND		ug/L	423300	NA
cis-1,2-Dichloroethene	SW8260B	NA	11/19/14	1.4	0.27	0.70	ND		ug/L	423300	NA
2,2-Dichloropropane	SW8260B	NA	11/19/14	1.4	0.22	0.70	ND		ug/L	423300	NA
Bromochloromethane	SW8260B	NA	11/19/14	1.4	0.29	0.70	ND		ug/L	423300	NA
Chloroform	SW8260B	NA	11/19/14	1.4	0.18	0.70	0.45	J	ug/L	423300	NA
Carbon Tetrachloride	SW8260B	NA	11/19/14	1.4	0.21	0.70	ND		ug/L	423300	NA
1,1,1-Trichloroethane	SW8260B	NA	11/19/14	1.4	0.14	0.70	ND		ug/L	423300	NA
1,1-Dichloropropene	SW8260B	NA	11/19/14	1.4	0.21	0.70	ND		ug/L	423300	NA
Benzene	SW8260B	NA	11/19/14	1.4	0.18	0.70	ND		ug/L	423300	NA
TAME	SW8260B	NA	11/19/14	1.4	0.24	0.70	ND		ug/L	423300	NA
1,2-Dichloroethane	SW8260B	NA	11/19/14	1.4	0.20	0.70	ND		ug/L	423300	NA
Trichloroethylene	SW8260B	NA	11/19/14	1.4	0.18	0.70	0.22	J	ug/L	423300	NA
Dibromomethane	SW8260B	NA	11/19/14	1.4	0.21	0.70	ND		ug/L	423300	NA
1,2-Dichloropropane	SW8260B	NA	11/19/14	1.4	0.24	0.70	ND		ug/L	423300	NA
Bromodichloromethane	SW8260B	NA	11/19/14	1.4	0.18	0.70	ND		ug/L	423300	NA
cis-1,3-Dichloropropene	SW8260B	NA	11/19/14	1.4	0.13	0.70	ND		ug/L	423300	NA
Toluene	SW8260B	NA	11/19/14	1.4	0.20	0.70	ND		ug/L	423300	NA
Tetrachloroethylene	SW8260B	NA	11/19/14	1.4	0.20	0.70	1.9		ug/L	423300	NA
trans-1,3-Dichloropropene	SW8260B	NA	11/19/14	1.4	0.32	0.70	ND		ug/L	423300	NA
1,1,2-Trichloroethane	SW8260B	NA	11/19/14	1.4	0.20	0.70	ND		ug/L	423300	NA
Dibromochloromethane	SW8260B	NA	11/19/14	1.4	0.13	0.70	ND		ug/L	423300	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 1	**Lab Sample ID:**	1411073-001A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:20		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	NA	11/19/14	1.4	0.14	0.70	ND		ug/L	423300	NA
1,2-Dibromoethane	SW8260B	NA	11/19/14	1.4	0.27	0.70	ND		ug/L	423300	NA
Chlorobenzene	SW8260B	NA	11/19/14	1.4	0.20	0.70	ND		ug/L	423300	NA
Ethyl Benzene	SW8260B	NA	11/19/14	1.4	0.21	0.70	ND		ug/L	423300	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	11/19/14	1.4	0.13	0.70	ND		ug/L	423300	NA
m,p-Xylene	SW8260B	NA	11/19/14	1.4	0.19	1.4	ND		ug/L	423300	NA
o-Xylene	SW8260B	NA	11/19/14	1.4	0.21	0.70	ND		ug/L	423300	NA
Styrene	SW8260B	NA	11/19/14	1.4	0.29	0.70	ND		ug/L	423300	NA
Bromoform	SW8260B	NA	11/19/14	1.4	0.29	1.4	ND		ug/L	423300	NA
Isopropyl Benzene	SW8260B	NA	11/19/14	1.4	0.14	0.70	0.16	J	ug/L	423300	NA
Bromobenzene	SW8260B	NA	11/19/14	1.4	0.21	0.70	ND		ug/L	423300	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	11/19/14	1.4	0.15	0.70	ND		ug/L	423300	NA
n-Propylbenzene	SW8260B	NA	11/19/14	1.4	0.11	0.70	ND		ug/L	423300	NA
2-Chlorotoluene	SW8260B	NA	11/19/14	1.4	0.11	0.70	ND		ug/L	423300	NA
1,3,5-Trimethylbenzene	SW8260B	NA	11/19/14	1.4	0.10	0.70	ND		ug/L	423300	NA
4-Chlorotoluene	SW8260B	NA	11/19/14	1.4	0.12	0.70	ND		ug/L	423300	NA
tert-Butylbenzene	SW8260B	NA	11/19/14	1.4	0.11	0.70	0.11		ug/L	423300	NA
1,2,3-Trichloropropane	SW8260B	NA	11/19/14	1.4	0.20	0.70	ND		ug/L	423300	NA
1,2,4-Trimethylbenzene	SW8260B	NA	11/19/14	1.4	0.12	0.70	ND		ug/L	423300	NA
sec-Butyl Benzene	SW8260B	NA	11/19/14	1.4	0.13	0.70	ND		ug/L	423300	NA
p-Isopropyltoluene	SW8260B	NA	11/19/14	1.4	0.13	0.70	0.20	J	ug/L	423300	NA
1,3-Dichlorobenzene	SW8260B	NA	11/19/14	1.4	0.15	0.70	0.18	J	ug/L	423300	NA
1,4-Dichlorobenzene	SW8260B	NA	11/19/14	1.4	0.096	0.70	ND		ug/L	423300	NA
n-Butylbenzene	SW8260B	NA	11/19/14	1.4	0.11	0.70	0.14	J	ug/L	423300	NA
1,2-Dichlorobenzene	SW8260B	NA	11/19/14	1.4	0.080	0.70	0.16	J	ug/L	423300	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	11/19/14	1.4	0.22	0.70	ND		ug/L	423300	NA
Hexachlorobutadiene	SW8260B	NA	11/19/14	1.4	0.27	0.70	0.38	J	ug/L	423300	NA
1,2,4-Trichlorobenzene	SW8260B	NA	11/19/14	1.4	0.17	0.70	0.49	J	ug/L	423300	NA
Naphthalene	SW8260B	NA	11/19/14	1.4	0.19	1.4	0.93	J	ug/L	423300	NA
1,2,3-Trichlorobenzene	SW8260B	NA	11/19/14	1.4	0.33	0.70	0.88		ug/L	423300	NA
(S) Dibromofluoromethane	SW8260B	NA	11/19/14	1.4	61.2	131	84.8		%	423300	NA
(S) Toluene-d8	SW8260B	NA	11/19/14	1.4	75.1	127	87.6		%	423300	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	11/19/14	1.4	64.1	120	98.6		%	423300	NA

NOTE: Reporting limits were raised due to sediment in all VOAs.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 2	**Lab Sample ID:**	1411073-002A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:40		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	11/19/14	1	0.18	0.50	ND		ug/L	423300	NA
Chloromethane	SW8260B	NA	11/19/14	1	0.16	0.50	ND		ug/L	423300	NA
Vinyl Chloride	SW8260B	NA	11/19/14	1	0.16	0.50	ND		ug/L	423300	NA
Bromomethane	SW8260B	NA	11/19/14	1	0.18	0.50	ND		ug/L	423300	NA
Trichlorofluoromethane	SW8260B	NA	11/19/14	1	0.18	0.50	ND		ug/L	423300	NA
1,1-Dichloroethene	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
Freon 113	SW8260B	NA	11/19/14	1	0.19	0.50	ND		ug/L	423300	NA
Methylene Chloride	SW8260B	NA	11/19/14	1	0.23	5.0	ND		ug/L	423300	NA
trans-1,2-Dichloroethene	SW8260B	NA	11/19/14	1	0.19	0.50	ND		ug/L	423300	NA
MTBE	SW8260B	NA	11/19/14	1	0.17	0.50	ND		ug/L	423300	NA
tert-Butanol	SW8260B	NA	11/19/14	1	1.5	5.0	ND		ug/L	423300	NA
Diisopropyl ether (DIPE)	SW8260B	NA	11/19/14	1	0.13	0.50	ND		ug/L	423300	NA
1,1-Dichloroethane	SW8260B	NA	11/19/14	1	0.13	0.50	ND		ug/L	423300	NA
ETBE	SW8260B	NA	11/19/14	1	0.17	0.50	ND		ug/L	423300	NA
cis-1,2-Dichloroethene	SW8260B	NA	11/19/14	1	0.19	0.50	ND		ug/L	423300	NA
2,2-Dichloropropane	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
Bromochloromethane	SW8260B	NA	11/19/14	1	0.20	0.50	ND		ug/L	423300	NA
Chloroform	SW8260B	NA	11/19/14	1	0.13	0.50	ND		ug/L	423300	NA
Carbon Tetrachloride	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
1,1,1-Trichloroethane	SW8260B	NA	11/19/14	1	0.097	0.50	ND		ug/L	423300	NA
1,1-Dichloropropene	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
Benzene	SW8260B	NA	11/19/14	1	0.13	0.50	ND		ug/L	423300	NA
TAME	SW8260B	NA	11/19/14	1	0.17	0.50	ND		ug/L	423300	NA
1,2-Dichloroethane	SW8260B	NA	11/19/14	1	0.14	0.50	ND		ug/L	423300	NA
Trichloroethylene	SW8260B	NA	11/19/14	1	0.13	0.50	ND		ug/L	423300	NA
Dibromomethane	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
1,2-Dichloropropane	SW8260B	NA	11/19/14	1	0.17	0.50	ND		ug/L	423300	NA
Bromodichloromethane	SW8260B	NA	11/19/14	1	0.13	0.50	ND		ug/L	423300	NA
cis-1,3-Dichloropropene	SW8260B	NA	11/19/14	1	0.096	0.50	ND		ug/L	423300	NA
Toluene	SW8260B	NA	11/19/14	1	0.14	0.50	1.6		ug/L	423300	NA
Tetrachloroethylene	SW8260B	NA	11/19/14	1	0.14	0.50	1.8		ug/L	423300	NA
trans-1,3-Dichloropropene	SW8260B	NA	11/19/14	1	0.23	0.50	ND		ug/L	423300	NA
1,1,2-Trichloroethane	SW8260B	NA	11/19/14	1	0.14	0.50	ND		ug/L	423300	NA
Dibromochloromethane	SW8260B	NA	11/19/14	1	0.096	0.50	ND		ug/L	423300	NA
1,3-Dichloropropane	SW8260B	NA	11/19/14	1	0.10	0.50	ND		ug/L	423300	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 2	**Lab Sample ID:**	1411073-002A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:40		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	11/19/14	1	0.19	0.50	ND		ug/L	423300	NA
Chlorobenzene	SW8260B	NA	11/19/14	1	0.14	0.50	ND		ug/L	423300	NA
Ethyl Benzene	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	11/19/14	1	0.096	0.50	ND		ug/L	423300	NA
m,p-Xylene	SW8260B	NA	11/19/14	1	0.13	1.0	ND		ug/L	423300	NA
o-Xylene	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
Styrene	SW8260B	NA	11/19/14	1	0.21	0.50	ND		ug/L	423300	NA
Bromoform	SW8260B	NA	11/19/14	1	0.21	1.0	ND		ug/L	423300	NA
Isopropyl Benzene	SW8260B	NA	11/19/14	1	0.097	0.50	ND		ug/L	423300	NA
Bromobenzene	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	11/19/14	1	0.11	0.50	ND		ug/L	423300	NA
n-Propylbenzene	SW8260B	NA	11/19/14	1	0.078	0.50	ND		ug/L	423300	NA
2-Chlorotoluene	SW8260B	NA	11/19/14	1	0.076	0.50	ND		ug/L	423300	NA
1,3,5-Trimethylbenzene	SW8260B	NA	11/19/14	1	0.074	0.50	ND		ug/L	423300	NA
4-Chlorotoluene	SW8260B	NA	11/19/14	1	0.088	0.50	ND		ug/L	423300	NA
tert-Butylbenzene	SW8260B	NA	11/19/14	1	0.081	0.50	ND		ug/L	423300	NA
1,2,3-Trichloropropane	SW8260B	NA	11/19/14	1	0.14	0.50	ND		ug/L	423300	NA
1,2,4-Trimethylbenzene	SW8260B	NA	11/19/14	1	0.083	0.50	ND		ug/L	423300	NA
sec-Butyl Benzene	SW8260B	NA	11/19/14	1	0.092	0.50	ND		ug/L	423300	NA
p-Isopropyltoluene	SW8260B	NA	11/19/14	1	0.093	0.50	ND		ug/L	423300	NA
1,3-Dichlorobenzene	SW8260B	NA	11/19/14	1	0.10	0.50	ND		ug/L	423300	NA
1,4-Dichlorobenzene	SW8260B	NA	11/19/14	1	0.069	0.50	ND		ug/L	423300	NA
n-Butylbenzene	SW8260B	NA	11/19/14	1	0.081	0.50	ND		ug/L	423300	NA
1,2-Dichlorobenzene	SW8260B	NA	11/19/14	1	0.057	0.50	ND		ug/L	423300	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	11/19/14	1	0.15	0.50	ND		ug/L	423300	NA
Hexachlorobutadiene	SW8260B	NA	11/19/14	1	0.19	0.50	ND		ug/L	423300	NA
1,2,4-Trichlorobenzene	SW8260B	NA	11/19/14	1	0.12	0.50	ND		ug/L	423300	NA
Naphthalene	SW8260B	NA	11/19/14	1	0.14	1.0	ND		ug/L	423300	NA
1,2,3-Trichlorobenzene	SW8260B	NA	11/19/14	1	0.23	0.50	ND		ug/L	423300	NA
(S) Dibromofluoromethane	SW8260B	NA	11/19/14	1	61.2	131	86.3		%	423300	NA
(S) Toluene-d8	SW8260B	NA	11/19/14	1	75.1	127	86.9		%	423300	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	11/19/14	1	64.1	120	98.4		%	423300	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 3	**Lab Sample ID:**	1411073-003A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:00		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	NA	11/18/14	1.08	0.19	0.54	ND		ug/L	423272	NA
Chloromethane	SW8260B	NA	11/18/14	1.08	0.17	0.54	ND		ug/L	423272	NA
Vinyl Chloride	SW8260B	NA	11/18/14	1.08	0.17	0.54	ND		ug/L	423272	NA
Bromomethane	SW8260B	NA	11/18/14	1.08	0.20	0.54	ND		ug/L	423272	NA
Trichlorofluoromethane	SW8260B	NA	11/18/14	1.08	0.20	0.54	ND		ug/L	423272	NA
1,1-Dichloroethene	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
Freon 113	SW8260B	NA	11/18/14	1.08	0.21	0.54	ND		ug/L	423272	NA
Methylene Chloride	SW8260B	NA	11/18/14	1.08	0.25	5.4	ND		ug/L	423272	NA
trans-1,2-Dichloroethene	SW8260B	NA	11/18/14	1.08	0.21	0.54	ND		ug/L	423272	NA
MTBE	SW8260B	NA	11/18/14	1.08	0.19	0.54	ND		ug/L	423272	NA
tert-Butanol	SW8260B	NA	11/18/14	1.08	1.7	5.4	ND		ug/L	423272	NA
Diisopropyl ether (DIPE)	SW8260B	NA	11/18/14	1.08	0.14	0.54	ND		ug/L	423272	NA
1,1-Dichloroethane	SW8260B	NA	11/18/14	1.08	0.14	0.54	ND		ug/L	423272	NA
ETBE	SW8260B	NA	11/18/14	1.08	0.19	0.54	ND		ug/L	423272	NA
cis-1,2-Dichloroethene	SW8260B	NA	11/18/14	1.08	0.21	0.54	ND		ug/L	423272	NA
2,2-Dichloropropane	SW8260B	NA	11/18/14	1.08	0.17	0.54	ND		ug/L	423272	NA
Bromochloromethane	SW8260B	NA	11/18/14	1.08	0.22	0.54	ND		ug/L	423272	NA
Chloroform	SW8260B	NA	11/18/14	1.08	0.14	0.54	0.27	J	ug/L	423272	NA
Carbon Tetrachloride	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
1,1,1-Trichloroethane	SW8260B	NA	11/18/14	1.08	0.10	0.54	ND		ug/L	423272	NA
1,1-Dichloropropene	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
Benzene	SW8260B	NA	11/18/14	1.08	0.14	0.54	ND		ug/L	423272	NA
TAME	SW8260B	NA	11/18/14	1.08	0.19	0.54	ND		ug/L	423272	NA
1,2-Dichloroethane	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
Trichloroethylene	SW8260B	NA	11/18/14	1.08	0.14	0.54	0.41	J	ug/L	423272	NA
Dibromomethane	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
1,2-Dichloropropane	SW8260B	NA	11/18/14	1.08	0.19	0.54	ND		ug/L	423272	NA
Bromodichloromethane	SW8260B	NA	11/18/14	1.08	0.14	0.54	ND		ug/L	423272	NA
cis-1,3-Dichloropropene	SW8260B	NA	11/18/14	1.08	0.10	0.54	ND		ug/L	423272	NA
Toluene	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
Tetrachloroethylene	SW8260B	NA	11/18/14	1.08	0.16	0.54	3.1		ug/L	423272	NA
trans-1,3-Dichloropropene	SW8260B	NA	11/18/14	1.08	0.24	0.54	ND		ug/L	423272	NA
1,1,2-Trichloroethane	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
Dibromochloromethane	SW8260B	NA	11/18/14	1.08	0.10	0.54	ND		ug/L	423272	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 3	**Lab Sample ID:**	1411073-003A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:00		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	NA	11/18/14	1.08	0.11	0.54	ND		ug/L	423272	NA
1,2-Dibromoethane	SW8260B	NA	11/18/14	1.08	0.21	0.54	ND		ug/L	423272	NA
Chlorobenzene	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
Ethyl Benzene	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	11/18/14	1.08	0.10	0.54	ND		ug/L	423272	NA
m,p-Xylene	SW8260B	NA	11/18/14	1.08	0.15	1.1	ND		ug/L	423272	NA
o-Xylene	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
Styrene	SW8260B	NA	11/18/14	1.08	0.23	0.54	ND		ug/L	423272	NA
Bromoform	SW8260B	NA	11/18/14	1.08	0.23	1.1	ND		ug/L	423272	NA
Isopropyl Benzene	SW8260B	NA	11/18/14	1.08	0.10	0.54	ND		ug/L	423272	NA
Bromobenzene	SW8260B	NA	11/18/14	1.08	0.16	0.54	ND		ug/L	423272	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	11/18/14	1.08	0.12	0.54	ND		ug/L	423272	NA
n-Propylbenzene	SW8260B	NA	11/18/14	1.08	0.084	0.54	ND		ug/L	423272	NA
2-Chlorotoluene	SW8260B	NA	11/18/14	1.08	0.082	0.54	ND		ug/L	423272	NA
1,3,5-Trimethylbenzene	SW8260B	NA	11/18/14	1.08	0.080	0.54	ND		ug/L	423272	NA
4-Chlorotoluene	SW8260B	NA	11/18/14	1.08	0.095	0.54	ND		ug/L	423272	NA
tert-Butylbenzene	SW8260B	NA	11/18/14	1.08	0.087	0.54	ND		ug/L	423272	NA
1,2,3-Trichloropropane	SW8260B	NA	11/18/14	1.08	0.15	0.54	ND		ug/L	423272	NA
1,2,4-Trimethylbenzene	SW8260B	NA	11/18/14	1.08	0.090	0.54	ND		ug/L	423272	NA
sec-Butyl Benzene	SW8260B	NA	11/18/14	1.08	0.099	0.54	ND		ug/L	423272	NA
p-Isopropyltoluene	SW8260B	NA	11/18/14	1.08	0.10	0.54	ND		ug/L	423272	NA
1,3-Dichlorobenzene	SW8260B	NA	11/18/14	1.08	0.11	0.54	ND		ug/L	423272	NA
1,4-Dichlorobenzene	SW8260B	NA	11/18/14	1.08	0.074	0.54	ND		ug/L	423272	NA
n-Butylbenzene	SW8260B	NA	11/18/14	1.08	0.088	0.54	ND		ug/L	423272	NA
1,2-Dichlorobenzene	SW8260B	NA	11/18/14	1.08	0.062	0.54	ND		ug/L	423272	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	11/18/14	1.08	0.17	0.54	ND		ug/L	423272	NA
Hexachlorobutadiene	SW8260B	NA	11/18/14	1.08	0.21	0.54	ND		ug/L	423272	NA
1,2,4-Trichlorobenzene	SW8260B	NA	11/18/14	1.08	0.13	0.54	ND		ug/L	423272	NA
Naphthalene	SW8260B	NA	11/18/14	1.08	0.15	1.1	ND		ug/L	423272	NA
1,2,3-Trichlorobenzene	SW8260B	NA	11/18/14	1.08	0.25	0.54	ND		ug/L	423272	NA
(S) Dibromofluoromethane	SW8260B	NA	11/18/14	1.08	61.2	131	111		%	423272	NA
(S) Toluene-d8	SW8260B	NA	11/18/14	1.08	75.1	127	92.0		%	423272	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	11/18/14	1.08	64.1	120	110		%	423272	NA

NOTE: Reporting limits were raised due to sediment in all VOAs.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 4	**Lab Sample ID:**	1411073-004A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:25		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	NA	11/19/14	1.5	0.27	0.75	ND		ug/L	423300	NA
Chloromethane	SW8260B	NA	11/19/14	1.5	0.24	0.75	ND		ug/L	423300	NA
Vinyl Chloride	SW8260B	NA	11/19/14	1.5	0.24	0.75	ND		ug/L	423300	NA
Bromomethane	SW8260B	NA	11/19/14	1.5	0.27	0.75	ND		ug/L	423300	NA
Trichlorofluoromethane	SW8260B	NA	11/19/14	1.5	0.27	0.75	ND		ug/L	423300	NA
1,1-Dichloroethene	SW8260B	NA	11/19/14	1.5	0.23	0.75	ND		ug/L	423300	NA
Freon 113	SW8260B	NA	11/19/14	1.5	0.29	0.75	ND		ug/L	423300	NA
Methylene Chloride	SW8260B	NA	11/19/14	1.5	0.34	7.5	ND		ug/L	423300	NA
trans-1,2-Dichloroethene	SW8260B	NA	11/19/14	1.5	0.29	0.75	ND		ug/L	423300	NA
MTBE	SW8260B	NA	11/19/14	1.5	0.26	0.75	ND		ug/L	423300	NA
tert-Butanol	SW8260B	NA	11/19/14	1.5	2.3	7.5	ND		ug/L	423300	NA
Diisopropyl ether (DIPE)	SW8260B	NA	11/19/14	1.5	0.19	0.75	ND		ug/L	423300	NA
1,1-Dichloroethane	SW8260B	NA	11/19/14	1.5	0.19	0.75	ND		ug/L	423300	NA
ETBE	SW8260B	NA	11/19/14	1.5	0.26	0.75	ND		ug/L	423300	NA
cis-1,2-Dichloroethene	SW8260B	NA	11/19/14	1.5	0.29	0.75	ND		ug/L	423300	NA
2,2-Dichloropropane	SW8260B	NA	11/19/14	1.5	0.23	0.75	ND		ug/L	423300	NA
Bromochloromethane	SW8260B	NA	11/19/14	1.5	0.31	0.75	ND		ug/L	423300	NA
Chloroform	SW8260B	NA	11/19/14	1.5	0.19	0.75	1.4		ug/L	423300	NA
Carbon Tetrachloride	SW8260B	NA	11/19/14	1.5	0.23	0.75	ND		ug/L	423300	NA
1,1,1-Trichloroethane	SW8260B	NA	11/19/14	1.5	0.14	0.75	ND		ug/L	423300	NA
1,1-Dichloropropene	SW8260B	NA	11/19/14	1.5	0.23	0.75	ND		ug/L	423300	NA
Benzene	SW8260B	NA	11/19/14	1.5	0.19	0.75	0.20	J	ug/L	423300	NA
TAME	SW8260B	NA	11/19/14	1.5	0.26	0.75	ND		ug/L	423300	NA
1,2-Dichloroethane	SW8260B	NA	11/19/14	1.5	0.22	0.75	ND		ug/L	423300	NA
Trichloroethylene	SW8260B	NA	11/19/14	1.5	0.19	0.75	0.19		ug/L	423300	NA
Dibromomethane	SW8260B	NA	11/19/14	1.5	0.22	0.75	ND		ug/L	423300	NA
1,2-Dichloropropane	SW8260B	NA	11/19/14	1.5	0.26	0.75	ND		ug/L	423300	NA
Bromodichloromethane	SW8260B	NA	11/19/14	1.5	0.19	0.75	ND		ug/L	423300	NA
cis-1,3-Dichloropropene	SW8260B	NA	11/19/14	1.5	0.14	0.75	ND		ug/L	423300	NA
Toluene	SW8260B	NA	11/19/14	1.5	0.22	0.75	ND		ug/L	423300	NA
Tetrachloroethylene	SW8260B	NA	11/19/14	1.5	0.22	0.75	0.62	J	ug/L	423300	NA
trans-1,3-Dichloropropene	SW8260B	NA	11/19/14	1.5	0.34	0.75	ND		ug/L	423300	NA
1,1,2-Trichloroethane	SW8260B	NA	11/19/14	1.5	0.22	0.75	ND		ug/L	423300	NA
Dibromochloromethane	SW8260B	NA	11/19/14	1.5	0.14	0.75	ND		ug/L	423300	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 4	**Lab Sample ID:**	1411073-004A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:25		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	NA	11/19/14	1.5	0.15	0.75	ND		ug/L	423300	NA
1,2-Dibromoethane	SW8260B	NA	11/19/14	1.5	0.29	0.75	ND		ug/L	423300	NA
Chlorobenzene	SW8260B	NA	11/19/14	1.5	0.22	0.75	ND		ug/L	423300	NA
Ethyl Benzene	SW8260B	NA	11/19/14	1.5	0.23	0.75	ND		ug/L	423300	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	11/19/14	1.5	0.14	0.75	ND		ug/L	423300	NA
m,p-Xylene	SW8260B	NA	11/19/14	1.5	0.20	1.5	ND		ug/L	423300	NA
o-Xylene	SW8260B	NA	11/19/14	1.5	0.23	0.75	ND		ug/L	423300	NA
Styrene	SW8260B	NA	11/19/14	1.5	0.32	0.75	ND		ug/L	423300	NA
Bromoform	SW8260B	NA	11/19/14	1.5	0.32	1.5	ND		ug/L	423300	NA
Isopropyl Benzene	SW8260B	NA	11/19/14	1.5	0.14	0.75	ND		ug/L	423300	NA
Bromobenzene	SW8260B	NA	11/19/14	1.5	0.23	0.75	ND		ug/L	423300	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	11/19/14	1.5	0.16	0.75	ND		ug/L	423300	NA
n-Propylbenzene	SW8260B	NA	11/19/14	1.5	0.12	0.75	ND		ug/L	423300	NA
2-Chlorotoluene	SW8260B	NA	11/19/14	1.5	0.11	0.75	ND		ug/L	423300	NA
1,3,5-Trimethylbenzene	SW8260B	NA	11/19/14	1.5	0.11	0.75	ND		ug/L	423300	NA
4-Chlorotoluene	SW8260B	NA	11/19/14	1.5	0.13	0.75	ND		ug/L	423300	NA
tert-Butylbenzene	SW8260B	NA	11/19/14	1.5	0.12	0.75	ND		ug/L	423300	NA
1,2,3-Trichloropropane	SW8260B	NA	11/19/14	1.5	0.21	0.75	ND		ug/L	423300	NA
1,2,4-Trimethylbenzene	SW8260B	NA	11/19/14	1.5	0.12	0.75	ND		ug/L	423300	NA
sec-Butyl Benzene	SW8260B	NA	11/19/14	1.5	0.14	0.75	ND		ug/L	423300	NA
p-Isopropyltoluene	SW8260B	NA	11/19/14	1.5	0.14	0.75	ND		ug/L	423300	NA
1,3-Dichlorobenzene	SW8260B	NA	11/19/14	1.5	0.16	0.75	ND		ug/L	423300	NA
1,4-Dichlorobenzene	SW8260B	NA	11/19/14	1.5	0.10	0.75	ND		ug/L	423300	NA
n-Butylbenzene	SW8260B	NA	11/19/14	1.5	0.12	0.75	ND		ug/L	423300	NA
1,2-Dichlorobenzene	SW8260B	NA	11/19/14	1.5	0.086	0.75	ND		ug/L	423300	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	11/19/14	1.5	0.23	0.75	ND		ug/L	423300	NA
Hexachlorobutadiene	SW8260B	NA	11/19/14	1.5	0.29	0.75	ND		ug/L	423300	NA
1,2,4-Trichlorobenzene	SW8260B	NA	11/19/14	1.5	0.18	0.75	ND		ug/L	423300	NA
Naphthalene	SW8260B	NA	11/19/14	1.5	0.20	1.5	ND		ug/L	423300	NA
1,2,3-Trichlorobenzene	SW8260B	NA	11/19/14	1.5	0.35	0.75	ND		ug/L	423300	NA
(S) Dibromofluoromethane	SW8260B	NA	11/19/14	1.5	61.2	131	86.9		%	423300	NA
(S) Toluene-d8	SW8260B	NA	11/19/14	1.5	75.1	127	87.6		%	423300	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	11/19/14	1.5	64.1	120	98.6		%	423300	NA

NOTE: Reporting limits were raised due to sediment in all VOAs.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 5	**Lab Sample ID:**	1411073-005A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:55		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	NA	11/19/14	1.35	0.24	0.68	ND		ug/L	423300	NA
Chloromethane	SW8260B	NA	11/19/14	1.35	0.22	0.68	ND		ug/L	423300	NA
Vinyl Chloride	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
Bromomethane	SW8260B	NA	11/19/14	1.35	0.25	0.68	ND		ug/L	423300	NA
Trichlorofluoromethane	SW8260B	NA	11/19/14	1.35	0.25	0.68	ND		ug/L	423300	NA
1,1-Dichloroethene	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
Freon 113	SW8260B	NA	11/19/14	1.35	0.26	0.68	ND		ug/L	423300	NA
Methylene Chloride	SW8260B	NA	11/19/14	1.35	0.31	6.8	ND		ug/L	423300	NA
trans-1,2-Dichloroethene	SW8260B	NA	11/19/14	1.35	0.26	0.68	ND		ug/L	423300	NA
MTBE	SW8260B	NA	11/19/14	1.35	0.23	0.68	0.68		ug/L	423300	NA
tert-Butanol	SW8260B	NA	11/19/14	1.35	2.1	6.8	ND		ug/L	423300	NA
Diisopropyl ether (DIPE)	SW8260B	NA	11/19/14	1.35	0.17	0.68	ND		ug/L	423300	NA
1,1-Dichloroethane	SW8260B	NA	11/19/14	1.35	0.17	0.68	ND		ug/L	423300	NA
ETBE	SW8260B	NA	11/19/14	1.35	0.23	0.68	ND		ug/L	423300	NA
cis-1,2-Dichloroethene	SW8260B	NA	11/19/14	1.35	0.26	0.68	0.41	J	ug/L	423300	NA
2,2-Dichloropropane	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
Bromochloromethane	SW8260B	NA	11/19/14	1.35	0.28	0.68	ND		ug/L	423300	NA
Chloroform	SW8260B	NA	11/19/14	1.35	0.17	0.68	ND		ug/L	423300	NA
Carbon Tetrachloride	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
1,1,1-Trichloroethane	SW8260B	NA	11/19/14	1.35	0.13	0.68	ND		ug/L	423300	NA
1,1-Dichloropropene	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
Benzene	SW8260B	NA	11/19/14	1.35	0.17	0.68	ND		ug/L	423300	NA
TAME	SW8260B	NA	11/19/14	1.35	0.23	0.68	ND		ug/L	423300	NA
1,2-Dichloroethane	SW8260B	NA	11/19/14	1.35	0.20	0.68	ND		ug/L	423300	NA
Trichloroethylene	SW8260B	NA	11/19/14	1.35	0.17	0.68	0.53	J	ug/L	423300	NA
Dibromomethane	SW8260B	NA	11/19/14	1.35	0.20	0.68	ND		ug/L	423300	NA
1,2-Dichloropropane	SW8260B	NA	11/19/14	1.35	0.23	0.68	ND		ug/L	423300	NA
Bromodichloromethane	SW8260B	NA	11/19/14	1.35	0.17	0.68	ND		ug/L	423300	NA
cis-1,3-Dichloropropene	SW8260B	NA	11/19/14	1.35	0.13	0.68	ND		ug/L	423300	NA
Toluene	SW8260B	NA	11/19/14	1.35	0.20	0.68	1.8		ug/L	423300	NA
Tetrachloroethylene	SW8260B	NA	11/19/14	1.35	0.20	0.68	1.6		ug/L	423300	NA
trans-1,3-Dichloropropene	SW8260B	NA	11/19/14	1.35	0.31	0.68	ND		ug/L	423300	NA
1,1,2-Trichloroethane	SW8260B	NA	11/19/14	1.35	0.20	0.68	ND		ug/L	423300	NA
Dibromochloromethane	SW8260B	NA	11/19/14	1.35	0.13	0.68	ND		ug/L	423300	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 5	**Lab Sample ID:**	1411073-005A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:55		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	NA	11/19/14	1.35	0.14	0.68	ND		ug/L	423300	NA
1,2-Dibromoethane	SW8260B	NA	11/19/14	1.35	0.26	0.68	ND		ug/L	423300	NA
Chlorobenzene	SW8260B	NA	11/19/14	1.35	0.20	0.68	ND		ug/L	423300	NA
Ethyl Benzene	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	11/19/14	1.35	0.13	0.68	ND		ug/L	423300	NA
m,p-Xylene	SW8260B	NA	11/19/14	1.35	0.18	1.4	ND		ug/L	423300	NA
o-Xylene	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
Styrene	SW8260B	NA	11/19/14	1.35	0.28	0.68	ND		ug/L	423300	NA
Bromoform	SW8260B	NA	11/19/14	1.35	0.28	1.4	ND		ug/L	423300	NA
Isopropyl Benzene	SW8260B	NA	11/19/14	1.35	0.13	0.68	ND		ug/L	423300	NA
Bromobenzene	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	11/19/14	1.35	0.14	0.68	ND		ug/L	423300	NA
n-Propylbenzene	SW8260B	NA	11/19/14	1.35	0.10	0.68	ND		ug/L	423300	NA
2-Chlorotoluene	SW8260B	NA	11/19/14	1.35	0.10	0.68	ND		ug/L	423300	NA
1,3,5-Trimethylbenzene	SW8260B	NA	11/19/14	1.35	0.10	0.68	ND		ug/L	423300	NA
4-Chlorotoluene	SW8260B	NA	11/19/14	1.35	0.12	0.68	ND		ug/L	423300	NA
tert-Butylbenzene	SW8260B	NA	11/19/14	1.35	0.11	0.68	ND		ug/L	423300	NA
1,2,3-Trichloropropane	SW8260B	NA	11/19/14	1.35	0.19	0.68	ND		ug/L	423300	NA
1,2,4-Trimethylbenzene	SW8260B	NA	11/19/14	1.35	0.11	0.68	ND		ug/L	423300	NA
sec-Butyl Benzene	SW8260B	NA	11/19/14	1.35	0.12	0.68	ND		ug/L	423300	NA
p-Isopropyltoluene	SW8260B	NA	11/19/14	1.35	0.13	0.68	ND		ug/L	423300	NA
1,3-Dichlorobenzene	SW8260B	NA	11/19/14	1.35	0.14	0.68	ND		ug/L	423300	NA
1,4-Dichlorobenzene	SW8260B	NA	11/19/14	1.35	0.093	0.68	ND		ug/L	423300	NA
n-Butylbenzene	SW8260B	NA	11/19/14	1.35	0.11	0.68	ND		ug/L	423300	NA
1,2-Dichlorobenzene	SW8260B	NA	11/19/14	1.35	0.077	0.68	ND		ug/L	423300	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	11/19/14	1.35	0.21	0.68	ND		ug/L	423300	NA
Hexachlorobutadiene	SW8260B	NA	11/19/14	1.35	0.26	0.68	ND		ug/L	423300	NA
1,2,4-Trichlorobenzene	SW8260B	NA	11/19/14	1.35	0.16	0.68	ND		ug/L	423300	NA
Naphthalene	SW8260B	NA	11/19/14	1.35	0.18	1.4	ND		ug/L	423300	NA
1,2,3-Trichlorobenzene	SW8260B	NA	11/19/14	1.35	0.31	0.68	ND		ug/L	423300	NA
(S) Dibromofluoromethane	SW8260B	NA	11/19/14	1.35	61.2	131	86.6		%	423300	NA
(S) Toluene-d8	SW8260B	NA	11/19/14	1.35	75.1	127	87.1		%	423300	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	11/19/14	1.35	64.1	120	98.6		%	423300	NA

NOTE: Reporting limits were raised due to sediment in all VOAs.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/20/14

Client Sample ID:	GW 5	**Lab Sample ID:**	1411073-005A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Groundwater
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:55		
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH as Gasoline	8260TPH	11/19/14	11/19/14	1.35	42	68	ND		ug/L	423300	13196
(S) 4-Bromofluorobenzene	8260TPH	11/19/14	11/19/14	1.35	41.5	125	93.1		%	423300	13196

NOTE: Raised reporting limit - see comment for 8260B analysis.

MB Summary Report

Work Order:	1411073	**Prep Method:**	5030	**Prep Date:**	11/18/14	**Prep Batch:**	13171
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423272
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	31	50	ND	
(S) 4-Bromofluorobenzene			82.1	

Work Order:	1411073	**Prep Method:**	5030	**Prep Date:**	11/19/14	**Prep Batch:**	13196
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	11/19/14	**Analytical Batch:**	423300
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	31	50	ND	
(S) 4-Bromofluorobenzene			70.5	

Work Order:	1411073	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423272
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.18	0.50	ND	
Chloromethane	0.16	0.50	ND	
Vinyl Chloride	0.16	0.50	ND	
Bromomethane	0.18	0.50	ND	
Trichlorofluoromethane	0.18	0.50	ND	
1,1-Dichloroethene	0.15	0.50	ND	
Freon 113	0.19	0.50	ND	
Methylene Chloride	0.23	5.0	ND	
trans-1,2-Dichloroethene	0.19	0.50	ND	
MTBE	0.17	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.13	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.17	0.50	ND	
cis-1,2-Dichloroethene	0.19	0.50	ND	
2,2-Dichloropropane	0.15	0.50	ND	
Bromochloromethane	0.20	0.50	ND	
Chloroform	0.13	0.50	ND	
Carbon Tetrachloride	0.15	0.50	ND	

MB Summary Report

Work Order:	1411073	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423272
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,1-Trichloroethane	0.097	0.50	ND	
1,1-Dichloropropene	0.15	0.50	ND	
Benzene	0.13	0.50	ND	
TAME	0.17	0.50	ND	
1,2-Dichloroethane	0.14	0.50	ND	
Trichloroethylene	0.13	0.50	ND	
Dibromomethane	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.13	0.50	ND	
cis-1,3-Dichloropropene	0.096	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.14	0.50	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
1,1,2-Trichloroethane	0.14	0.50	ND	
Dibromochloromethane	0.096	0.50	ND	
1,3-Dichloropropane	0.10	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.096	0.50	ND	
m,p-Xylene	0.13	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.21	0.50	ND	
Bromoform	0.21	1.0	ND	
Isopropyl Benzene	0.097	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.11	0.50	ND	
n-Propylbenzene	0.078	0.50	ND	
2-Chlorotoluene	0.076	0.50	ND	
1,3,5,-Trimethylbenzene	0.074	0.50	ND	
4-Chlorotoluene	0.088	0.50	ND	
tert-Butylbenzene	0.081	0.50	ND	
1,2,3-Trichloropropane	0.14	0.50	ND	
1,2,4-Trimethylbenzene	0.083	0.50	ND	
sec-Butyl Benzene	0.092	0.50	ND	
p-Isopropyltoluene	0.093	0.50	ND	
1,3-Dichlorobenzene	0.10	0.50	ND	
1,4-Dichlorobenzene	0.069	0.50	ND	
n-Butylbenzene	0.081	0.50	ND	
1,2-Dichlorobenzene	0.057	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.15	0.50	ND	

MB Summary Report

Work Order:	1411073	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423272
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Hexachlorobutadiene	0.19	0.50	ND	
1,2,4-Trichlorobenzene	0.12	0.50	ND	
Naphthalene	0.14	1.0	ND	
1,2,3-Trichlorobenzene	0.23	0.50	ND	
(S) Dibromofluoromethane			92.3	
(S) Toluene-d8			92.7	
(S) 4-Bromofluorobenzene			108	
Ethanol	0.21	0.50	ND	TIC

MB Summary Report

Work Order:	1411073	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/19/14	**Analytical Batch:**	423300
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.18	0.50	ND	
Chloromethane	0.16	0.50	ND	
Vinyl Chloride	0.16	0.50	ND	
Bromomethane	0.18	0.50	ND	
Trichlorofluoromethane	0.18	0.50	ND	
1,1-Dichloroethene	0.15	0.50	ND	
Freon 113	0.19	0.50	ND	
Methylene Chloride	0.23	5.0	ND	
trans-1,2-Dichloroethene	0.19	0.50	ND	
MTBE	0.17	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.13	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.17	0.50	ND	
cis-1,2-Dichloroethene	0.19	0.50	ND	
2,2-Dichloropropane	0.15	0.50	ND	
Bromochloromethane	0.20	0.50	ND	
Chloroform	0.13	0.50	ND	
Carbon Tetrachloride	0.15	0.50	ND	
1,1,1-Trichloroethane	0.097	0.50	ND	
1,1-Dichloropropene	0.15	0.50	ND	
Benzene	0.13	0.50	ND	
TAME	0.17	0.50	ND	
1,2-Dichloroethane	0.14	0.50	ND	
Trichloroethylene	0.13	0.50	ND	
Dibromomethane	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.13	0.50	ND	
cis-1,3-Dichloropropene	0.096	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.14	0.50	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
1,1,2-Trichloroethane	0.14	0.50	ND	
Dibromochloromethane	0.096	0.50	ND	
1,3-Dichloropropane	0.10	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.096	0.50	ND	
m,p-Xylene	0.13	1.0	ND	
o-Xylene	0.15	0.50	ND	

MB Summary Report

Work Order:	1411073	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/19/14	**Analytical Batch:**	423300
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.21	0.50	ND	
Bromoform	0.21	1.0	ND	
Isopropyl Benzene	0.097	0.50	0.11	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.11	0.50	ND	
n-Propylbenzene	0.078	0.50	ND	
2-Chlorotoluene	0.076	0.50	ND	
1,3,5,-Trimethylbenzene	0.074	0.50	ND	
4-Chlorotoluene	0.088	0.50	ND	
tert-Butylbenzene	0.081	0.50	ND	
1,2,3-Trichloropropane	0.14	0.50	ND	
1,2,4-Trimethylbenzene	0.083	0.50	ND	
sec-Butyl Benzene	0.092	0.50	ND	
p-Isopropyltoluene	0.093	0.50	0.13	
1,3-Dichlorobenzene	0.10	0.50	0.12	
1,4-Dichlorobenzene	0.069	0.50	ND	
n-Butylbenzene	0.081	0.50	0.095	
1,2-Dichlorobenzene	0.057	0.50	0.11	
1,2-Dibromo-3-Chloropropane	0.15	0.50	ND	
Hexachlorobutadiene	0.19	0.50	0.27	
1,2,4-Trichlorobenzene	0.12	0.50	0.34	
Naphthalene	0.14	1.0	ND	
1,2,3-Trichlorobenzene	0.23	0.50	ND	
(S) Dibromofluoromethane			101	
(S) Toluene-d8			90.6	
(S) 4-Bromofluorobenzene			108	
Ethanol	0.21	0.50	ND	TIC

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1411073	**Prep Method:**	5030	**Prep Date:**	11/18/14	**Prep Batch:**	13171
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423272
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	31	50	ND	238.1	80.6	83.9	3.95	52.4 - 127	30	
(S) 4-Bromofluorobenzene			82.1	11.9	89.0	82.3		41.5 - 125		

Work Order:	1411073	**Prep Method:**	5030	**Prep Date:**	11/19/14	**Prep Batch:**	13196
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	11/19/14	**Analytical Batch:**	423300
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	31	50	ND	238.1	92.8	85.4	8.32	52.4 - 127	30	
(S) 4-Bromofluorobenzene			70.5	11.9	86.8	97.0		41.5 - 125		

Work Order:	1411073	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423272
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		17.86	80.8	81.6	1.17	61.4 - 129	30	
Benzene	0.087	0.50		17.86	79.4	80.1	0.744	66.9 - 140	30	
Trichloroethylene	0.057	0.50		17.86	87.4	89.3	2.19	69.3 - 144	30	
Toluene	0.059	0.50		17.86	82.8	82.7	0.237	76.6 - 123	30	
Chlorobenzene	0.068	0.50		17.86	85.0	85.5	0.446	73.9 - 137	30	
(S) Dibromofluoromethane				11.9	84.7	85.7		61.2 - 131		
(S) Toluene-d8				11.9	86.8	86.1		75.1 - 127		
(S) 4-Bromofluorobenzene				11.9	90.1	88.9		64.1 - 120		

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1411073	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/19/14	**Analytical Batch:**	423300
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	17.86	81.9	79.4	2.95	61.4 - 129	30	
Benzene	0.087	0.50	ND	17.86	79.7	78.2	1.60	66.9 - 140	30	
Trichloroethylene	0.057	0.50	ND	17.86	89.7	88.7	1.02	69.3 - 144	30	
Toluene	0.059	0.50	ND	17.86	81.1	78.3	3.59	76.6 - 123	30	
Chlorobenzene	0.068	0.50	ND	17.86	84.0	81.3	3.29	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.9	84.1	84.9		61.2 - 131		
(S) Toluene-d8			ND	11.9	85.1	84.9		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.9	89.6	90.8		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 (PQL) - 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 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 anlayte 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
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: 22330 Main St./ Hayward

Work Order No.: 1411073

Date and Time Received: 11/14/2014 18:06

Received By: ng

Physically Logged By: ldi

Checklist Completed By: ldi

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?	No
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: 4	°C
Water-VOA vials have zero headspace?	Yes		
Water-pH acceptable upon receipt?	No		

pH Checked by: n/a

pH Adjusted by: n/a

Sample labels do not match sample identification provided on CoC which lists 2 samples w/ ID GW3. Also, time on VOAs labelled GW4 does not match the time on the CoC for that sample. Time on the CoC matched the time on the samples labelled GW5. Accordingly, sample IDs for GW4 and GW5 taken from containers rather than CoC.

Login Summary Report

Client ID:	TL5146 PES Environmental, Inc	**QC Level:**	
Project Name:	22330 Main St./ Hayward	**TAT Requested:**	5+ day:0
Project # :	1440.002.01.002	**Date Received:**	11/14/2014
Report Due Date:	11/21/2014	**Time Received:**	18:06

Comments: Sample labels do not match sample identification provided on CoC which lists 2 samples w/ ID GW3. Also, time on VOAs labelled GW4 does not match the time on the CoC for that sample. Time on the CoC matched the time on the samples labelled GW5. Accordingly, sample IDs for GW4 and GW5 taken from containers (based upon times sampled) rather than CoC. Sample IDs confirmed by client on 11/17, and their revised CoC is attached.

Work Order # : ***1411073***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1411073-001A	GW 1	11/14/14 13:20	Water	12/29/14			W_8260Full	
1411073-002A	GW 2	11/14/14 13:40	Water	12/29/14			W_8260Full	
1411073-003A	GW 3	11/14/14 14:00	Water	12/29/14			W_8260Full	
1411073-004A	GW 4	11/14/14 14:25	Water	12/29/14			W_8260Full	
1411073-005A	GW 5	11/14/14 14:55	Water	12/29/14			W_GCMS-GRO W_8260Full	

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

1682 NOVATO BOULEVARD, SUITE 100
NOVATO, CALIFORNIA 94947
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent
JOB NUMBER: 1440-002-01-002
NAME / LOCATION: 22330 Main St., Hayward
PROJECT MANAGER: Chris Baldassari & K. Flory

SAMPLERS: Gavin Creps 1411073
RECORDER: Gavin Creps

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	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)	TPHg	
14	11	14	1320	GW1		X							3				X							-001A
			1340	GW2		X							3				X							-002A
			1400	GW3		X							3				X							-003A
			1425	GW3		X							3				X							-004A
			1455	GW4		X							3				X						X	-005A

FC Temp 4°C

NOTES

Turn Around Time: Standard

REC ~~N2~~ LI ~~LBL~~ LIR

Page 3 of 3

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
Gavin Creps	[signature]	11/14/14	1615
[signature]	[signature] NAVIN G	11/14/14	6:06

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

METHOD OF SHIPMENT:

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

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

1682 NOVATO BOULEVARD, SUITE 100
NOVATO, CALIFORNIA 94947
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent
JOB NUMBER: 1440-002-01-002
NAME / LOCATION: 22330 Main St., Hayward
PROJECT MANAGER: Chris Baldassari & K. Flory

SAMPLERS: Gavin Creps
RECORDER: Gavin Creps

DATE 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 ME	TPHg by 5035/8015M	TPHd by 8015M	TPHmo by 8015M	EPA 8270C	MNA Parameters (see notes)	TPHg by 8260B ME
14	11	14	1320	GW1		X							3				X						
↓	↓	↓	1340	GW2		X							3				X						
			1400	GW3		X							3				X						
			1425	GW~~3~~4 ME		X							3				X						
			1455	GW~~4~~5 ME		X							3				X						X

NOTES

Turn Around Time: Standard

Page 3 of 3

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
Gavin Creps	[illegible]	11/14/14	1615
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
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:			

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

PES Environmental, Inc
1682 Novato Blvd. STE#100
Novato, California 94947
Tel: (415) 899-1600
Fax: (415) 899-1601

RE: 22330 Main St./ Hayward

Work Order No.: 1411074

Dear Kyle Flory:

Torrent Laboratory, Inc. received 18 sample(s) on November 14, 2014 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.

Patti Sandrock
QA Officer

November 24, 2014
Date

Date: 11/24/2014

Client: PES Environmental, Inc

Project: 22330 Main St./ Hayward

Work Order: 1411074

CASE 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 Analytical, Inc.

A preliminary report was issued on 11/21/14 pending further testing on several samples. This is the final report.

Note for "Shroud" samples analyzed for 1,1 Diflouroethane only: Concentrations were extremely high, making dilutions impractical. Results are estimated, based on area count.

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

SV1-5.0 (Shroud sample) 1411074-001A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	500	0.25	14	360

SV1-5.0 1411074-002A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Freon 113	ETO15	1.5	1.3	5.8	21.4
tert-Butanol	ETO15	1.5	1.4	13	28.4
Ethyl Acetate	ETO15	1.5	1.1	2.7	6.32
Tetrachloroethylene	ETO15	1.5	1.4	5.1	230
Ethyl Benzene	ETO15	1.5	1.5	3.2	12.2
m,p-Xylene	ETO15	1.5	2.4	6.5	69.6
o-Xylene	ETO15	1.5	1.2	3.2	27.3
1,1-Difluoroethane	ETO15	15	7.5	20	28.4
Acetone	ETO15	15	13	290	1010
Toluene	ETO15	15	14	29	545

SV1-10.0 (Shroud sample) 1411074-003A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	10000	5.0	270	4600

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

SV1-10.0 1411074-004A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Freon 113	ETO15	1.5	1.3	5.8	36.6
Acetone	ETO15	1.5	1.3	29	122
Hexane	ETO15	1.5	0.79	2.6	3.62
Tetrahydrofuran	ETO15	1.5	0.45	2.3	5.18
Benzene	ETO15	1.5	1.0	2.4	2.83
Toluene	ETO15	1.5	1.4	2.9	246
Tetrachloroethylene	ETO15	1.5	1.4	5.1	404
Ethyl Benzene	ETO15	1.5	1.5	3.2	3.81
m,p-Xylene	ETO15	1.5	2.4	6.5	26.8
o-Xylene	ETO15	1.5	1.2	3.2	8.45
1,1-Difluoroethane	ETO15	15	7.5	20	541

SV5-5.0 (Shroud sample) 1411074-005A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	20000	10	540	8600

SV3-5.0 (Shroud sample) 1411074-006A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	20000	10	540	10500

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

SV6-5.0 1411074-007A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	ETO15	50	25	68	733
Carbon Disulfide	ETO15	5	4.1	16	11.6
Acetone	ETO15	5	4.4	96	251
Toluene	ETO15	5	4.8	9.5	660
Ethyl Benzene	ETO15	5	5.0	11	5.16
m,p-Xylene	ETO15	5	8.1	22	52.5
o-Xylene	ETO15	5	4.0	11	14.6

SV2-5.0 (Shroud sample) 1411074-008A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	40000	20	1100	6750

SV5-5.0 1411074-009A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	ETO15	20	10	27	331
Trichlorofluoromethane	ETO15	20	36	110	67.2
Acetone	ETO15	20	18	380	199
Hexane	ETO15	20	11	35	303
Toluene	ETO15	20	19	38	2410
Tetrachloroethylene	ETO15	20	18	68	97.9
m,p-Xylene	ETO15	20	32	86	160

SV4-5.0 (Shroud sample) 1411074-010A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	ETO15	40000	20000	1100000	6880000

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

SV2-10.0 (Shroud sample) 1411074-011A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	40000	20	1100	24500

SV2-5.0 1411074-012A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Toluene	ETO15	10	9.5	19	676
Tetrachloroethylene	ETO15	10	9.1	34	176
m,p-Xylene	ETO15	10	16	43	95.5
o-Xylene	ETO15	10	8.1	22	28.8
1,1-Difluoroethane	ETO15	50	25	68	806
Acetone	ETO15	50	44	960	2550

SV6-5.0 (Shroud sample) 1411074-013A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	40000	20	1100	17600

S3-5.0 1411074-014A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	10	8.8	190	371
tert-Butanol	ETO15	10	9.1	84	18.5
Toluene	ETO15	10	9.5	19	1810
Tetrachloroethylene	ETO15	10	9.1	34	363
Ethyl Benzene	ETO15	10	9.9	22	28.4
m,p-Xylene	ETO15	10	16	43	185
o-Xylene	ETO15	10	8.1	22	49.0
1,1-Difluoroethane	ETO15	20	10	27	1180

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

SV4-5.0 1411074-015A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	ETO15	150	75	200	7550
Tetrachloroethylene	ETO15	25	23	85	219

SV2-10.0 1411074-016A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
tert-Butanol	ETO15	10	9.1	84	17.2
Toluene	ETO15	10	9.5	19	1470
Tetrachloroethylene	ETO15	10	9.1	34	559
Ethyl Benzene	ETO15	10	9.9	22	24.9
m,p-Xylene	ETO15	10	16	43	212
o-Xylene	ETO15	10	8.1	22	83.9
1,1-Difluoroethane	ETO15	50	25	68	919
Acetone	ETO15	50	44	960	4390

SV7-5.0 1411074-017A10x

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	10	8.8	190	237
Toluene	ETO15	10	9.5	19	68.4
Tetrachloroethylene	ETO15	10	9.1	34	15.6
1,1-Difluoroethane	ETO15	10	5.0	14	168

SV7-5.0 (Shroud sample) 1411074-018A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	40000	20	1100	9080

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV1-5.0 (Shroud sample)	**Lab Sample ID:**	1411074-001A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:45	**Certified Clean WO # :**	
Canister/Tube ID:	A7557	**Received PSI :**	14.5
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/19/14	500	0.25	14	360	133.33		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV1-5.0	**Lab Sample ID:**	1411074-002A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:45	**Certified Clean WO # :**	
Canister/Tube ID:	6124	**Received PSI :**	14.5
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	11/19/14	1.5	2.3	7.5	ND	ND		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	1.5	7.4	21	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	1.5	0.48	1.6	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	1.5	1.0	3.9	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	1.5	0.67	1.7	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	1.5	1.1	2.9	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	1.5	0.75	2.0	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	1.5	2.7	8.4	ND	ND		423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	1.5	0.92	3.0	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	1.5	1.3	5.8	21.4	2.78		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	1.5	1.2	4.7	ND	ND		423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	1.5	1.5	30	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	1.5	0.88	42	ND	ND		423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	1.5	0.96	3.0	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	1.5	0.79	2.6	ND	ND		423309	NA
MTBE	ETO15	NA	11/19/14	1.5	1.3	2.7	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	1.5	1.4	13	28.4	6.76		423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	1.5	1.3	3.2	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	1.5	1.1	3.1	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	1.5	1.0	3.2	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	1.5	0.81	3.0	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	1.5	1.8	7.4	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	1.5	0.85	2.6	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	1.5	1.3	4.7	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	1.5	1.3	4.1	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	1.5	0.94	2.3	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	1.5	1.1	2.7	6.32	1.76		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	1.5	0.45	2.3	ND	ND		423309	NA
Benzene	ETO15	NA	11/19/14	1.5	1.0	2.4	ND	ND		423309	NA
TAME	ETO15	NA	11/19/14	1.5	0.54	3.2	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	1.5	1.5	3.1	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	1.5	2.1	8.1	ND	ND		423309	NA
1,2-Dichloropropane	ETO15	NA	11/19/14	1.5	2.0	6.9	ND	ND		423309	NA
Bromodichloromethane	ETO15	NA	11/19/14	1.5	1.3	5.0	ND	ND		423309	NA
1,4-Dioxane	ETO15	NA	11/19/14	1.5	1.9	5.4	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV1-5.0	**Lab Sample ID:**	1411074-002A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:45	**Certified Clean WO # :**	
Canister/Tube ID:	6124	**Received PSI :**	14.5
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	1.5	1.3	3.4	ND	ND		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	1.5	1.3	3.1	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	1.5	1.7	3.4	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	1.5	1.4	5.1	230	33.82		423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	1.5	1.4	4.1	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	1.5	2.6	6.4	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	1.5	3.1	12	ND	ND		423309	NA
1,1-Difluoroethane	ETO15	NA	11/21/14	15	7.5	20	28.4	10.52		423345	NA
Acetone	ETO15	NA	11/21/14	15	13	290	1010	420.83		423345	NA
Toluene	ETO15	NA	11/21/14	15	14	29	545	143.42		423345	NA
2-Hexanone	ETO15	NA	11/19/14	1.5	1.7	6.2	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	1.5	1.5	3.2	12.2	2.84		423309	NA
Chlorobenzene	ETO15	NA	11/19/14	1.5	1.1	3.5	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	1.5	1.6	5.2	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	1.5	2.4	6.5	69.6	16.19		423309	NA
o-Xylene	ETO15	NA	11/19/14	1.5	1.2	3.2	27.3	6.35		423309	NA
Styrene	ETO15	NA	11/19/14	1.5	1.0	3.3	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	1.5	1.7	7.5	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	1.5	1.1	5.2	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	1.5	1.2	3.7	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	1.5	1.1	3.7	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	1.5	1.0	3.7	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	1.5	0.97	4.5	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	1.5	1.3	4.5	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	1.5	1.4	4.5	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	1.5	3.6	8.3	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	1.5	5.1	11	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	1.5	2.2	7.8	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	1.5	65	135	104 %			423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/21/14	15	65	135	101 %			423345	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV1-10.0 (Shroud sample)	**Lab Sample ID:**	1411074-003A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:15	**Certified Clean WO # :**	
Canister/Tube ID:	6108	**Received PSI :**	14.8
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/19/14	10000	5.0	270	4600	1,703.70		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV1-10.0	**Lab Sample ID:**	1411074-004A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:15	**Certified Clean WO # :**	
Canister/Tube ID:	6334	**Received PSI :**	14.8
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	11/19/14	1.5	2.3	7.5	ND	ND		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	1.5	7.4	21	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	1.5	0.48	1.6	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	1.5	1.0	3.9	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	1.5	0.67	1.7	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	1.5	1.1	2.9	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	1.5	0.75	2.0	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	1.5	2.7	8.4	ND	ND		423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	1.5	0.92	3.0	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	1.5	1.3	5.8	36.6	4.75		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	1.5	1.2	4.7	ND	ND		423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	1.5	1.5	30	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	1.5	0.88	42	ND	ND		423309	NA
Acetone	ETO15	NA	11/19/14	1.5	1.3	29	122	50.83		423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	1.5	0.96	3.0	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	1.5	0.79	2.6	3.62	1.03		423309	NA
MTBE	ETO15	NA	11/19/14	1.5	1.3	2.7	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	1.5	1.4	13	ND	ND		423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	1.5	1.3	3.2	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	1.5	1.1	3.1	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	1.5	1.0	3.2	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	1.5	0.81	3.0	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	1.5	1.8	7.4	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	1.5	0.85	2.6	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	1.5	1.3	4.7	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	1.5	1.3	4.1	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	1.5	0.94	2.3	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	1.5	1.1	2.7	ND	ND		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	1.5	0.45	2.3	5.18	1.73		423309	NA
Benzene	ETO15	NA	11/19/14	1.5	1.0	2.4	2.83	0.88		423309	NA
TAME	ETO15	NA	11/19/14	1.5	0.54	3.2	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	1.5	1.5	3.1	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	1.5	2.1	8.1	ND	ND		423309	NA
1,2-Dichloropropane	ETO15	NA	11/19/14	1.5	2.0	6.9	ND	ND		423309	NA
Bromodichloromethane	ETO15	NA	11/19/14	1.5	1.3	5.0	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV1-10.0	**Lab Sample ID:**	1411074-004A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:15	**Certified Clean WO # :**	
Canister/Tube ID:	6334	**Received PSI :**	14.8
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,4-Dioxane	ETO15	NA	11/19/14	1.5	1.9	5.4	ND	ND		423309	NA
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	1.5	1.3	3.4	ND	ND		423309	NA
Toluene	ETO15	NA	11/19/14	1.5	1.4	2.9	246	64.74		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	1.5	1.3	3.1	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	1.5	1.7	3.4	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	1.5	1.4	5.1	404	59.41		423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	1.5	1.4	4.1	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	1.5	2.6	6.4	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	1.5	3.1	12	ND	ND		423309	NA
1,1-Difluoroethane	ETO15	NA	11/21/14	15	7.5	20	541	200.37		423345	NA
2-Hexanone	ETO15	NA	11/19/14	1.5	1.7	6.2	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	1.5	1.5	3.2	3.81	0.89		423309	NA
Chlorobenzene	ETO15	NA	11/19/14	1.5	1.1	3.5	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	1.5	1.6	5.2	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	1.5	2.4	6.5	26.8	6.23		423309	NA
o-Xylene	ETO15	NA	11/19/14	1.5	1.2	3.2	8.45	1.97		423309	NA
Styrene	ETO15	NA	11/19/14	1.5	1.0	3.3	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	1.5	1.7	7.5	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	1.5	1.1	5.2	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	1.5	1.2	3.7	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	1.5	1.1	3.7	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	1.5	1.0	3.7	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	1.5	0.97	4.5	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	1.5	1.3	4.5	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	1.5	1.4	4.5	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	1.5	3.6	8.3	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	1.5	5.1	11	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	1.5	2.2	7.8	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	1.5	65	135	98.4 %			423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/21/14	15	65	135	77.6 %			423345	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV5-5.0 (Shroud sample)	**Lab Sample ID:**	1411074-005A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:10	**Certified Clean WO # :**	
Canister/Tube ID:	A7461	**Received PSI :**	14.3
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/19/14	20000	10	540	8600	3,185.19		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV3-5.0 (Shroud sample)	**Lab Sample ID:**	1411074-006A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:40	**Certified Clean WO # :**	
Canister/Tube ID:	6313	**Received PSI :**	10.5
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/19/14	20000	10	540	10500	3,888.89		423309	NA

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Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV6-5.0	**Lab Sample ID:**	1411074-007A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 12:30	**Certified Clean WO # :**	
Canister/Tube ID:	6328	**Received PSI :**	6.5
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/18/14	50	25	68	733	271.48		423292	NA
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	ETO15	NA	11/19/14	5	7.6	25	ND	ND		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	5	25	70	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	5	1.6	5.3	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	5	3.3	13	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	5	2.2	5.5	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	5	3.6	9.8	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	5	2.5	6.5	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	5	9.0	28	ND	ND		423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	5	3.1	10	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	5	4.2	19	ND	ND		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	5	4.1	16	11.6	3.74	J	423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	5	4.9	100	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	5	2.9	140	ND	ND		423309	NA
Acetone	ETO15	NA	11/19/14	5	4.4	96	251	104.58		423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	5	3.2	10	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	5	2.6	8.8	ND	ND		423309	NA
MTBE	ETO15	NA	11/19/14	5	4.3	9.0	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	5	4.6	42	ND	ND		423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	5	4.4	11	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	5	3.8	10	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	5	3.4	11	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	5	2.7	10	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	5	6.2	25	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	5	2.8	8.8	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	5	4.3	16	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	5	4.2	14	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	5	3.1	7.5	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	5	3.7	9.0	ND	ND		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	5	1.5	7.5	ND	ND		423309	NA
Benzene	ETO15	NA	11/19/14	5	3.4	8.0	ND	ND		423309	NA
TAME	ETO15	NA	11/19/14	5	1.8	11	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	5	4.9	10	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	5	6.9	27	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV6-5.0	**Lab Sample ID:**	1411074-007A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 12:30	**Certified Clean WO # :**	
Canister/Tube ID:	6328	**Received PSI :**	6.5
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,2-Dichloropropane	ETO15	NA	11/19/14	5	6.6	23	ND	ND		423309	NA
Bromodichloromethane	ETO15	NA	11/19/14	5	4.4	17	ND	ND		423309	NA
1,4-Dioxane	ETO15	NA	11/19/14	5	6.2	18	ND	ND		423309	NA
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	5	4.3	11	ND	ND		423309	NA
Toluene	ETO15	NA	11/19/14	5	4.8	9.5	660	173.68		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	5	4.2	10	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	5	5.6	11	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	5	4.5	17	ND	ND		423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	5	4.6	14	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	5	8.7	21	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	5	10	39	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/18/14	50	65	135	98.1 %			423292	NA
The results shown below are reported using their MDL.											
2-Hexanone	ETO15	NA	11/19/14	5	5.6	21	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	5	5.0	11	5.16	1.20	J	423309	NA
Chlorobenzene	ETO15	NA	11/19/14	5	3.6	12	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	5	5.2	17	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	5	8.1	22	52.5	12.21		423309	NA
o-Xylene	ETO15	NA	11/19/14	5	4.0	11	14.6	3.40		423309	NA
Styrene	ETO15	NA	11/19/14	5	3.4	11	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	5	5.5	25	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	5	3.5	17	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	5	4.1	12	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	5	3.8	12	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	5	3.4	12	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	5	3.2	15	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	5	4.2	15	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	5	4.5	15	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	5	12	28	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	5	17	37	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	5	7.3	26	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	5	65	135	101 %			423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV2-5.0 (Shroud sample)	**Lab Sample ID:**	1411074-008A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:36	**Certified Clean WO # :**	
Canister/Tube ID:	6122	**Received PSI :**	14.1
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/19/14	40000	20	1100	6750	2,500.00		423309	NA

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Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV5-5.0	**Lab Sample ID:**	1411074-009A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:10	**Certified Clean WO # :**	
Canister/Tube ID:	6116	**Received PSI :**	14.3
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	ETO15	NA	11/19/14	20	30	100	ND	ND		423309	NA
1,1-Difluoroethane	ETO15	NA	11/19/14	20	10	27	331	122.59		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	20	99	280	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	20	6.4	21	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	20	13	52	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	20	8.9	22	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	20	14	39	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	20	10	26	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	20	36	110	67.2	12.00	J	423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	20	12	40	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	20	17	77	ND	ND		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	20	16	62	ND	ND		423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	20	19	400	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	20	12	560	ND	ND		423309	NA
Acetone	ETO15	NA	11/19/14	20	18	380	199	82.92	J	423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	20	13	40	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	20	11	35	303	86.57		423309	NA
MTBE	ETO15	NA	11/19/14	20	17	36	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	20	18	170	ND	ND		423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	20	18	42	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	20	15	41	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	20	14	42	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	20	11	40	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	20	25	98	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	20	11	35	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	20	17	63	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	20	17	55	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	20	13	30	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	20	15	36	ND	ND		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	20	6.0	30	ND	ND		423309	NA
Benzene	ETO15	NA	11/19/14	20	14	32	ND	ND		423309	NA
TAME	ETO15	NA	11/19/14	20	7.2	42	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	20	20	41	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	20	28	110	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV5-5.0	**Lab Sample ID:**	1411074-009A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:10	**Certified Clean WO # :**	
Canister/Tube ID:	6116	**Received PSI :**	14.3
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,2-Dichloropropane	ETO15	NA	11/19/14	20	26	92	ND	ND		423309	NA
Bromodichloromethane	ETO15	NA	11/19/14	20	18	67	ND	ND		423309	NA
1,4-Dioxane	ETO15	NA	11/19/14	20	25	72	ND	ND		423309	NA
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	20	17	45	ND	ND		423309	NA
Toluene	ETO15	NA	11/19/14	20	19	38	2410	634.21		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	20	17	41	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	20	23	45	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	20	18	68	97.9	14.40		423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	20	19	55	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	20	35	85	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	20	41	150	ND	ND		423309	NA
2-Hexanone	ETO15	NA	11/19/14	20	22	82	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	20	20	43	ND	ND		423309	NA
Chlorobenzene	ETO15	NA	11/19/14	20	14	46	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	20	21	69	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	20	32	86	160	37.21		423309	NA
o-Xylene	ETO15	NA	11/19/14	20	16	43	ND	ND		423309	NA
Styrene	ETO15	NA	11/19/14	20	14	44	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	20	22	100	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	20	14	69	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	20	16	49	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	20	15	49	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	20	14	49	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	20	13	60	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	20	17	60	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	20	18	60	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	20	48	110	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	20	68	150	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	20	29	100	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	20	65	135	103 %			423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV4-5.0 (Shroud sample)	**Lab Sample ID:**	1411074-010A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:55	**Certified Clean WO # :**	
Canister/Tube ID:	6317	**Received PSI :**	14.4
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/23/14	40000	20000	1100000	6880000	2,548,148.15		423359	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/23/14	40000	38000	980000	ND	ND		423359	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV2-10.0 (Shroud sample)	**Lab Sample ID:**	1411074-011A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:15	**Certified Clean WO # :**	
Canister/Tube ID:	6110	**Received PSI :**	14.6
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/19/14	40000	20	1100	24500	9,074.07		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV2-5.0	**Lab Sample ID:**	1411074-012A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:36	**Certified Clean WO # :**	
Canister/Tube ID:	6121	**Received PSI :**	14.9
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	11/19/14	10	15	50	ND	ND		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	10	49	140	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	10	3.2	11	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	10	6.7	26	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	10	4.5	11	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	10	7.2	20	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	10	5.0	13	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	10	18	56	ND	ND		423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	10	6.1	20	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	10	8.5	39	ND	ND		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	10	8.1	31	ND	ND		423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	10	9.7	200	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	10	5.8	280	ND	ND		423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	10	6.4	20	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	10	5.3	18	ND	ND		423309	NA
MTBE	ETO15	NA	11/19/14	10	8.7	18	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	10	9.1	84	ND	ND		423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	10	8.8	21	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	10	7.5	21	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	10	6.8	21	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	10	5.4	20	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	10	12	49	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	10	5.7	18	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	10	8.6	32	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	10	8.5	28	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	10	6.3	15	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	10	7.4	18	ND	ND		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	10	3.0	15	ND	ND		423309	NA
Benzene	ETO15	NA	11/19/14	10	6.9	16	ND	ND		423309	NA
TAME	ETO15	NA	11/19/14	10	3.6	21	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	10	9.9	21	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	10	14	54	ND	ND		423309	NA
1,2-Dichloropropane	ETO15	NA	11/19/14	10	13	46	ND	ND		423309	NA
Bromodichloromethane	ETO15	NA	11/19/14	10	8.9	34	ND	ND		423309	NA
1,4-Dioxane	ETO15	NA	11/19/14	10	12	36	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV2-5.0	**Lab Sample ID:**	1411074-012A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:36	**Certified Clean WO # :**	
Canister/Tube ID:	6121	**Received PSI :**	14.9
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	10	8.7	23	ND	ND		423309	NA
Toluene	ETO15	NA	11/19/14	10	9.5	19	676	177.89		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	10	8.5	21	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	10	11	23	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	10	9.1	34	176	25.88		423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	10	9.3	28	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	10	17	43	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	10	20	77	ND	ND		423309	NA
1,1-Difluoroethane	ETO15	NA	11/18/14	50	25	68	806	298.52		423292	NA
Acetone	ETO15	NA	11/18/14	50	44	960	2550	1,062.50		423292	NA
2-Hexanone	ETO15	NA	11/19/14	10	11	41	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	10	9.9	22	ND	ND		423309	NA
Chlorobenzene	ETO15	NA	11/19/14	10	7.1	23	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	10	10	35	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	10	16	43	95.5	22.21		423309	NA
o-Xylene	ETO15	NA	11/19/14	10	8.1	22	28.8	6.70		423309	NA
Styrene	ETO15	NA	11/19/14	10	6.9	22	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	10	11	50	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	10	7.0	35	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	10	8.2	25	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	10	7.6	25	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	10	6.9	25	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	10	6.5	30	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	10	8.4	30	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	10	9.1	30	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	10	24	55	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	10	34	74	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	10	15	52	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	10	65	135	103 %			423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/18/14	50	65	135	92.7 %			423292	NA

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV6-5.0 (Shroud sample)	**Lab Sample ID:**	1411074-013A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 12:30	**Certified Clean WO # :**	
Canister/Tube ID:	6314	**Received PSI :**	14.4
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/19/14	40000	20	1100	17600	6,518.52		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	S3-5.0	**Lab Sample ID:**	1411074-014A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:40	**Certified Clean WO # :**	
Canister/Tube ID:	A7465	**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	ETO15	NA	11/19/14	10	15	50	ND	ND		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	10	49	140	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	10	3.2	11	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	10	6.7	26	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	10	4.5	11	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	10	7.2	20	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	10	5.0	13	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	10	18	56	ND	ND		423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	10	6.1	20	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	10	8.5	39	ND	ND		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	10	8.1	31	ND	ND		423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	10	9.7	200	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	10	5.8	280	ND	ND		423309	NA
Acetone	ETO15	NA	11/19/14	10	8.8	190	371	154.58		423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	10	6.4	20	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	10	5.3	18	ND	ND		423309	NA
MTBE	ETO15	NA	11/19/14	10	8.7	18	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	10	9.1	84	18.5	4.40	J	423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	10	8.8	21	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	10	7.5	21	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	10	6.8	21	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	10	5.4	20	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	10	12	49	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	10	5.7	18	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	10	8.6	32	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	10	8.5	28	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	10	6.3	15	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	10	7.4	18	ND	ND		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	10	3.0	15	ND	ND		423309	NA
Benzene	ETO15	NA	11/19/14	10	6.9	16	ND	ND		423309	NA
TAME	ETO15	NA	11/19/14	10	3.6	21	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	10	9.9	21	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	10	14	54	ND	ND		423309	NA
1,2-Dichloropropane	ETO15	NA	11/19/14	10	13	46	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	S3-5.0	**Lab Sample ID:**	1411074-014A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 14:40	**Certified Clean WO # :**	
Canister/Tube ID:	A7465	**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	11/19/14	10	8.9	34	ND	ND		423309	NA
1,4-Dioxane	ETO15	NA	11/19/14	10	12	36	ND	ND		423309	NA
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	10	8.7	23	ND	ND		423309	NA
Toluene	ETO15	NA	11/19/14	10	9.5	19	1810	476.32		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	10	8.5	21	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	10	11	23	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	10	9.1	34	363	53.38		423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	10	9.3	28	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	10	17	43	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	10	20	77	ND	ND		423309	NA
1,1-Difluoroethane	ETO15	NA	11/23/14	20	10	27	1180	437.04		423359	NA
The results shown below are reported using their MDL.											
2-Hexanone	ETO15	NA	11/19/14	10	11	41	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	10	9.9	22	28.4	6.60		423309	NA
Chlorobenzene	ETO15	NA	11/19/14	10	7.1	23	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	10	10	35	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	10	16	43	185	43.02		423309	NA
o-Xylene	ETO15	NA	11/19/14	10	8.1	22	49.0	11.40		423309	NA
Styrene	ETO15	NA	11/19/14	10	6.9	22	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	10	11	50	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	10	7.0	35	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	10	8.2	25	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	10	7.6	25	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	10	6.9	25	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	10	6.5	30	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	10	8.4	30	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	10	9.1	30	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	10	24	55	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	10	34	74	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	10	15	52	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	10	65	135	101 %			423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/23/14	20	65	135	118 %			423359	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV4-5.0	**Lab Sample ID:**	1411074-015A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:55	**Certified Clean WO # :**	
Canister/Tube ID:	A7482	**Received PSI :**	13.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/21/14	150	75	200	7550	2,796.30		423345	NA
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	ETO15	NA	11/19/14	25	38	130	ND	ND		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	25	120	350	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	25	8.0	26	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	25	17	65	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	25	11	28	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	25	18	49	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	25	13	33	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	25	45	140	ND	ND		423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	25	15	50	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	25	21	96	ND	ND		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	25	20	78	ND	ND		423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	25	24	500	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	25	15	700	ND	ND		423309	NA
Acetone	ETO15	NA	11/19/14	25	22	480	ND	ND		423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	25	16	50	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	25	13	44	ND	ND		423309	NA
MTBE	ETO15	NA	11/19/14	25	22	45	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	25	23	210	ND	ND		423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	25	22	53	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	25	19	51	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	25	17	53	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	25	13	50	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	25	31	120	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	25	14	44	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	25	22	79	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	25	21	69	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	25	16	38	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	25	19	45	ND	ND		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	25	7.5	38	ND	ND		423309	NA
Benzene	ETO15	NA	11/19/14	25	17	40	ND	ND		423309	NA
TAME	ETO15	NA	11/19/14	25	9.1	53	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	25	25	51	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	25	35	140	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV4-5.0	**Lab Sample ID:**	1411074-015A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:55	**Certified Clean WO # :**	
Canister/Tube ID:	A7482	**Received PSI :**	13.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,2-Dichloropropane	ETO15	NA	11/19/14	25	33	120	ND	ND		423309	NA
Bromodichloromethane	ETO15	NA	11/19/14	25	22	84	ND	ND		423309	NA
1,4-Dioxane	ETO15	NA	11/19/14	25	31	90	ND	ND		423309	NA
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	25	22	56	ND	ND		423309	NA
Toluene	ETO15	NA	11/19/14	25	24	48	ND	ND		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	25	21	51	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	25	28	56	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	25	23	85	219	32.21		423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	25	23	69	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	25	43	110	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	25	51	190	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/21/14	150	65	135	112 %			423345	NA
The results shown below are reported using their MDL.											
2-Hexanone	ETO15	NA	11/19/14	25	28	100	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	25	25	54	ND	ND		423309	NA
Chlorobenzene	ETO15	NA	11/19/14	25	18	58	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	25	26	86	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	25	40	110	ND	ND		423309	NA
o-Xylene	ETO15	NA	11/19/14	25	20	54	ND	ND		423309	NA
Styrene	ETO15	NA	11/19/14	25	17	55	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	25	28	130	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	25	18	86	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	25	20	61	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	25	19	61	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	25	17	61	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	25	16	75	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	25	21	75	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	25	23	75	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	25	60	140	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	25	85	190	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	25	36	130	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	25	65	135	99.2 %			423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV2-10.0	**Lab Sample ID:**	1411074-016A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:15	**Certified Clean WO # :**	
Canister/Tube ID:	6112	**Received PSI :**	14.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	ETO15	NA	11/19/14	10	15	50	ND	ND		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	10	49	140	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	10	3.2	11	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	10	6.7	26	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	10	4.5	11	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	10	7.2	20	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	10	5.0	13	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	10	18	56	ND	ND		423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	10	6.1	20	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	10	8.5	39	ND	ND		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	10	8.1	31	ND	ND		423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	10	9.7	200	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	10	5.8	280	ND	ND		423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	10	6.4	20	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	10	5.3	18	ND	ND		423309	NA
MTBE	ETO15	NA	11/19/14	10	8.7	18	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	10	9.1	84	17.2	4.10	J	423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	10	8.8	21	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	10	7.5	21	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	10	6.8	21	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	10	5.4	20	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	10	12	49	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	10	5.7	18	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	10	8.6	32	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	10	8.5	28	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	10	6.3	15	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	10	7.4	18	ND	ND		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	10	3.0	15	ND	ND		423309	NA
Benzene	ETO15	NA	11/19/14	10	6.9	16	ND	ND		423309	NA
TAME	ETO15	NA	11/19/14	10	3.6	21	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	10	9.9	21	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	10	14	54	ND	ND		423309	NA
1,2-Dichloropropane	ETO15	NA	11/19/14	10	13	46	ND	ND		423309	NA
Bromodichloromethane	ETO15	NA	11/19/14	10	8.9	34	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV2-10.0	**Lab Sample ID:**	1411074-016A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 13:15	**Certified Clean WO # :**	
Canister/Tube ID:	6112	**Received PSI :**	14.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,4-Dioxane	ETO15	NA	11/19/14	10	12	36	ND	ND		423309	NA
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	10	8.7	23	ND	ND		423309	NA
Toluene	ETO15	NA	11/19/14	10	9.5	19	1470	386.84		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	10	8.5	21	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	10	11	23	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	10	9.1	34	559	82.21		423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	10	9.3	28	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	10	17	43	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	10	20	77	ND	ND		423309	NA
1,1-Difluoroethane	ETO15	NA	11/21/14	50	25	68	919	340.37		423345	NA
Acetone	ETO15	NA	11/21/14	50	44	960	4390	1,829.17		423345	NA
The results shown below are reported using their MDL.											
2-Hexanone	ETO15	NA	11/19/14	10	11	41	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	10	9.9	22	24.9	5.79		423309	NA
Chlorobenzene	ETO15	NA	11/19/14	10	7.1	23	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	10	10	35	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	10	16	43	212	49.30		423309	NA
o-Xylene	ETO15	NA	11/19/14	10	8.1	22	83.9	19.51		423309	NA
Styrene	ETO15	NA	11/19/14	10	6.9	22	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	10	11	50	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	10	7.0	35	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	10	8.2	25	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	10	7.6	25	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	10	6.9	25	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	10	6.5	30	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	10	8.4	30	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	10	9.1	30	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	10	24	55	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	10	34	74	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	10	15	52	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	10	65	135	100 %			423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/21/14	50	65	135	99.4 %			423345	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV7-5.0	**Lab Sample ID:**	1411074-017A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 12:40	**Certified Clean WO # :**	
Canister/Tube ID:	A7473	**Received PSI :**	14.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	ETO15	NA	11/19/14	10	15	50	ND	ND		423309	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	11/19/14	10	49	140	ND	ND		423309	NA
Chloromethane	ETO15	NA	11/19/14	10	3.2	11	ND	ND		423309	NA
Vinyl Chloride	ETO15	NA	11/19/14	10	6.7	26	ND	ND		423309	NA
1,3-Butadiene	ETO15	NA	11/19/14	10	4.5	11	ND	ND		423309	NA
Bromomethane	ETO15	NA	11/19/14	10	7.2	20	ND	ND		423309	NA
Chloroethane	ETO15	NA	11/19/14	10	5.0	13	ND	ND		423309	NA
Trichlorofluoromethane	ETO15	NA	11/19/14	10	18	56	ND	ND		423309	NA
1,1-Dichloroethene	ETO15	NA	11/19/14	10	6.1	20	ND	ND		423309	NA
Freon 113	ETO15	NA	11/19/14	10	8.5	39	ND	ND		423309	NA
Carbon Disulfide	ETO15	NA	11/19/14	10	8.1	31	ND	ND		423309	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	11/19/14	10	9.7	200	ND	ND		423309	NA
Methylene Chloride	ETO15	NA	11/19/14	10	5.8	280	ND	ND		423309	NA
Acetone	ETO15	NA	11/19/14	10	8.8	190	237	98.75		423309	NA
trans-1,2-Dichloroethene	ETO15	NA	11/19/14	10	6.4	20	ND	ND		423309	NA
Hexane	ETO15	NA	11/19/14	10	5.3	18	ND	ND		423309	NA
MTBE	ETO15	NA	11/19/14	10	8.7	18	ND	ND		423309	NA
tert-Butanol	ETO15	NA	11/19/14	10	9.1	84	ND	ND		423309	NA
Diisopropyl ether (DIPE)	ETO15	NA	11/19/14	10	8.8	21	ND	ND		423309	NA
1,1-Dichloroethane	ETO15	NA	11/19/14	10	7.5	21	ND	ND		423309	NA
ETBE	ETO15	NA	11/19/14	10	6.8	21	ND	ND		423309	NA
cis-1,2-Dichloroethene	ETO15	NA	11/19/14	10	5.4	20	ND	ND		423309	NA
Chloroform	ETO15	NA	11/19/14	10	12	49	ND	ND		423309	NA
Vinyl Acetate	ETO15	NA	11/19/14	10	5.7	18	ND	ND		423309	NA
Carbon Tetrachloride	ETO15	NA	11/19/14	10	8.6	32	ND	ND		423309	NA
1,1,1-Trichloroethane	ETO15	NA	11/19/14	10	8.5	28	ND	ND		423309	NA
2-Butanone (MEK)	ETO15	NA	11/19/14	10	6.3	15	ND	ND		423309	NA
Ethyl Acetate	ETO15	NA	11/19/14	10	7.4	18	ND	ND		423309	NA
Tetrahydrofuran	ETO15	NA	11/19/14	10	3.0	15	ND	ND		423309	NA
Benzene	ETO15	NA	11/19/14	10	6.9	16	ND	ND		423309	NA
TAME	ETO15	NA	11/19/14	10	3.6	21	ND	ND		423309	NA
1,2-Dichloroethane (EDC)	ETO15	NA	11/19/14	10	9.9	21	ND	ND		423309	NA
Trichloroethylene	ETO15	NA	11/19/14	10	14	54	ND	ND		423309	NA
1,2-Dichloropropane	ETO15	NA	11/19/14	10	13	46	ND	ND		423309	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV7-5.0	**Lab Sample ID:**	1411074-017A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 12:40	**Certified Clean WO # :**	
Canister/Tube ID:	A7473	**Received PSI :**	14.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	11/19/14	10	8.9	34	ND	ND		423309	NA
1,4-Dioxane	ETO15	NA	11/19/14	10	12	36	ND	ND		423309	NA
trans-1,3-Dichloropropene	ETO15	NA	11/19/14	10	8.7	23	ND	ND		423309	NA
Toluene	ETO15	NA	11/19/14	10	9.5	19	68.4	18.00		423309	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	11/19/14	10	8.5	21	ND	ND		423309	NA
cis-1,3-Dichloropropene	ETO15	NA	11/19/14	10	11	23	ND	ND		423309	NA
Tetrachloroethylene	ETO15	NA	11/19/14	10	9.1	34	15.6	2.29	J	423309	NA
1,1,2-Trichloroethane	ETO15	NA	11/19/14	10	9.3	28	ND	ND		423309	NA
Dibromochloromethane	ETO15	NA	11/19/14	10	17	43	ND	ND		423309	NA
1,2-Dibromoethane (EDB)	ETO15	NA	11/19/14	10	20	77	ND	ND		423309	NA
1,1-Difluoroethane	ETO15	NA	11/23/14	10	5.0	14	168	62.22		423359	NA
The results shown below are reported using their MDL.											
2-Hexanone	ETO15	NA	11/19/14	10	11	41	ND	ND		423309	NA
Ethyl Benzene	ETO15	NA	11/19/14	10	9.9	22	ND	ND		423309	NA
Chlorobenzene	ETO15	NA	11/19/14	10	7.1	23	ND	ND		423309	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	11/19/14	10	10	35	ND	ND		423309	NA
m,p-Xylene	ETO15	NA	11/19/14	10	16	43	ND	ND		423309	NA
o-Xylene	ETO15	NA	11/19/14	10	8.1	22	ND	ND		423309	NA
Styrene	ETO15	NA	11/19/14	10	6.9	22	ND	ND		423309	NA
Bromoform	ETO15	NA	11/19/14	10	11	50	ND	ND		423309	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	11/19/14	10	7.0	35	ND	ND		423309	NA
4-Ethyl Toluene	ETO15	NA	11/19/14	10	8.2	25	ND	ND		423309	NA
1,3,5-Trimethylbenzene	ETO15	NA	11/19/14	10	7.6	25	ND	ND		423309	NA
1,2,4-Trimethylbenzene	ETO15	NA	11/19/14	10	6.9	25	ND	ND		423309	NA
1,4-Dichlorobenzene	ETO15	NA	11/19/14	10	6.5	30	ND	ND		423309	NA
1,3-Dichlorobenzene	ETO15	NA	11/19/14	10	8.4	30	ND	ND		423309	NA
Benzyl Chloride	ETO15	NA	11/19/14	10	6.2	26	ND	ND		423309	NA
1,2-Dichlorobenzene	ETO15	NA	11/19/14	10	9.1	30	ND	ND		423309	NA
Hexachlorobutadiene	ETO15	NA	11/19/14	10	24	55	ND	ND		423309	NA
1,2,4-Trichlorobenzene	ETO15	NA	11/19/14	10	34	74	ND	ND		423309	NA
Naphthalene	ETO15	NA	11/19/14	10	15	52	ND	ND		423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/19/14	10	65	135	100 %			423309	NA
(S) 4-Bromofluorobenzene	ETO15	NA	11/23/14	10	65	135	116 %			423359	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 11/14/14
Date Reported: 11/24/14

Client Sample ID:	SV7-5.0 (Shroud sample)	**Lab Sample ID:**	1411074-018A
Project Name/Location:	22330 Main St./ Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.002		
Date/Time Sampled:	11/14/14 / 12:40	**Certified Clean WO # :**	
Canister/Tube ID:	6109	**Received PSI :**	14.6
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St./ Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	11/19/14	40000	20	1100	9080	3,362.96		423309	NA

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MB Summary Report

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423292
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.30	1.00	ND	
1,1-Difluoroethane	0.18	10.0	ND	
1,2-Dichlorotetrafluoroethane	0.70	2.00	ND	
Chloromethane	0.15	0.500	ND	
Vinyl Chloride	0.26	1.00	ND	
1,3-Butadiene	0.20	0.500	ND	
Bromomethane	0.18	0.500	ND	
Chloroethane	0.19	0.500	ND	
Trichlorofluoromethane	0.32	1.00	ND	
1,1-Dichloroethene	0.15	0.500	ND	
Freon 113	0.11	0.500	ND	
Carbon Disulfide	0.26	1.00	ND	
2-Propanol (Isopropyl Alcohol)	0.39	8.00	ND	
Methylene Chloride	0.17	8.00	ND	
Acetone	0.37	8.00	ND	
trans-1,2-Dichloroethene	0.16	0.500	ND	
Hexane	0.15	0.500	ND	
MTBE	0.24	0.500	ND	
tert-Butanol	0.22	2.00	ND	
Diisopropyl ether (DIPE)	0.21	0.500	ND	
1,1-Dichloroethane	0.18	0.500	ND	
ETBE	0.16	0.500	ND	
cis-1,2-Dichloroethene	0.13	0.500	ND	
Chloroform	0.25	1.00	ND	
Vinyl Acetate	0.16	0.500	ND	
Carbon Tetrachloride	0.14	0.500	ND	
1,1,1-Trichloroethane	0.15	0.500	ND	
2-Butanone (MEK)	0.21	0.500	ND	
Ethyl Acetate	0.21	0.500	ND	
Tetrahydrofuran	0.10	0.500	ND	
Benzene	0.21	0.500	ND	
TAME	0.086	0.500	ND	
1,2-Dichloroethane (EDC)	0.24	0.500	ND	
Trichloroethylene	0.26	1.00	ND	
1,2-Dichloropropane	0.29	1.00	ND	
Bromodichloromethane	0.13	0.500	ND	
1,4-Dioxane	0.35	1.00	ND	
trans-1,3-Dichloropropene	0.19	0.500	ND	
Toluene	0.25	0.500	ND	
4-Methyl-2-Pentanone (MIBK)	0.21	0.500	ND	
cis-1,3-Dichloropropene	0.25	0.500	ND	

MB Summary Report

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423292
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.13	0.500	ND	
1,1,2-Trichloroethane	0.17	0.500	ND	
Dibromochloromethane	0.20	0.500	ND	
1,2-Dibromoethane (EDB)	0.27	1.00	ND	
2-Hexanone	0.27	1.00	ND	
Ethyl Benzene	0.23	0.500	ND	
Chlorobenzene	0.15	0.500	ND	
1,1,1,2-Tetrachloroethane	0.15	0.500	ND	
m,p-Xylene	0.38	1.00	ND	
o-Xylene	0.19	0.500	ND	
Styrene	0.16	0.500	ND	
Bromoform	0.11	0.500	ND	
1,1,2,2-Tetrachloroethane	0.10	0.500	ND	
4-Ethyl Toluene	0.17	0.500	ND	
1,3,5-Trimethylbenzene	0.15	0.500	ND	
1,2,4-Trimethylbenzene	0.14	0.500	ND	
1,4-Dichlorobenzene	0.11	0.500	ND	
1,3-Dichlorobenzene	0.14	0.500	ND	
1,2-Dichlorobenzene	0.15	0.500	ND	
Hexachlorobutadiene	0.22	0.500	ND	
1,2,4-Trichlorobenzene	0.46	1.00	ND	
Naphthalene	0.28	1.00	ND	
(S) 4-Bromofluorobenzene			86.9	

MB Summary Report

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/19/14	**Analytical Batch:**	423309
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.30	1.00	ND	
1,1-Difluoroethane	0.18	10.0	ND	
1,2-Dichlorotetrafluoroethane	0.70	2.00	ND	
Chloromethane	0.15	0.500	ND	
Vinyl Chloride	0.26	1.00	ND	
1,3-Butadiene	0.20	0.500	ND	
Bromomethane	0.18	0.500	ND	
Chloroethane	0.19	0.500	ND	
Trichlorofluoromethane	0.32	1.00	ND	
1,1-Dichloroethene	0.15	0.500	ND	
Freon 113	0.11	0.500	ND	
Carbon Disulfide	0.26	1.00	ND	
2-Propanol (Isopropyl Alcohol)	0.39	8.00	ND	
Methylene Chloride	0.17	8.00	ND	
Acetone	0.37	8.00	ND	
trans-1,2-Dichloroethene	0.16	0.500	ND	
Hexane	0.15	0.500	ND	
MTBE	0.24	0.500	ND	
tert-Butanol	0.22	2.00	ND	
Diisopropyl ether (DIPE)	0.21	0.500	ND	
1,1-Dichloroethane	0.18	0.500	ND	
ETBE	0.16	0.500	ND	
cis-1,2-Dichloroethene	0.13	0.500	ND	
Chloroform	0.25	1.00	ND	
Vinyl Acetate	0.16	0.500	ND	
Carbon Tetrachloride	0.14	0.500	ND	
1,1,1-Trichloroethane	0.15	0.500	ND	
2-Butanone (MEK)	0.21	0.500	ND	
Ethyl Acetate	0.21	0.500	ND	
Tetrahydrofuran	0.10	0.500	ND	
Benzene	0.21	0.500	ND	
TAME	0.086	0.500	ND	
1,2-Dichloroethane (EDC)	0.24	0.500	ND	
Trichloroethylene	0.26	1.00	ND	
1,2-Dichloropropane	0.29	1.00	ND	
Bromodichloromethane	0.13	0.500	ND	
1,4-Dioxane	0.35	1.00	ND	
trans-1,3-Dichloropropene	0.19	0.500	ND	
Toluene	0.25	0.500	ND	
4-Methyl-2-Pentanone (MIBK)	0.21	0.500	ND	
cis-1,3-Dichloropropene	0.25	0.500	ND	

MB Summary Report

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/19/14	**Analytical Batch:**	423309
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.13	0.500	ND	
1,1,2-Trichloroethane	0.17	0.500	ND	
Dibromochloromethane	0.20	0.500	ND	
1,2-Dibromoethane (EDB)	0.27	1.00	ND	
2-Hexanone	0.27	1.00	ND	
Ethyl Benzene	0.23	0.500	ND	
Chlorobenzene	0.15	0.500	ND	
1,1,1,2-Tetrachloroethane	0.15	0.500	ND	
m,p-Xylene	0.38	1.00	ND	
o-Xylene	0.19	0.500	ND	
Styrene	0.16	0.500	ND	
Bromoform	0.11	0.500	ND	
1,1,2,2-Tetrachloroethane	0.10	0.500	ND	
4-Ethyl Toluene	0.17	0.500	ND	
1,3,5-Trimethylbenzene	0.15	0.500	ND	
1,2,4-Trimethylbenzene	0.14	0.500	ND	
1,4-Dichlorobenzene	0.11	0.500	ND	
1,3-Dichlorobenzene	0.14	0.500	ND	
1,2-Dichlorobenzene	0.15	0.500	ND	
Hexachlorobutadiene	0.22	0.500	ND	
1,2,4-Trichlorobenzene	0.46	1.00	ND	
Naphthalene	0.28	1.00	ND	
(S) 4-Bromofluorobenzene			96.1	

MB Summary Report

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/21/14	**Analytical Batch:**	423345
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.30	1.00	ND	
1,1-Difluoroethane	0.18	10.0	0.210	
1,2-Dichlorotetrafluoroethane	0.70	2.00	ND	
Chloromethane	0.15	0.500	ND	
Vinyl Chloride	0.26	1.00	ND	
1,3-Butadiene	0.20	0.500	ND	
Bromomethane	0.18	0.500	ND	
Chloroethane	0.19	0.500	ND	
Trichlorofluoromethane	0.32	1.00	ND	
1,1-Dichloroethene	0.15	0.500	ND	
Freon 113	0.11	0.500	ND	
Carbon Disulfide	0.26	1.00	ND	
2-Propanol (Isopropyl Alcohol)	0.39	8.00	ND	
Methylene Chloride	0.17	8.00	ND	
Acetone	0.37	8.00	ND	
trans-1,2-Dichloroethene	0.16	0.500	ND	
Hexane	0.15	0.500	ND	
MTBE	0.24	0.500	ND	
tert-Butanol	0.22	2.00	ND	
Diisopropyl ether (DIPE)	0.21	0.500	ND	
1,1-Dichloroethane	0.18	0.500	ND	
ETBE	0.16	0.500	ND	
cis-1,2-Dichloroethene	0.13	0.500	ND	
Chloroform	0.25	1.00	ND	
Vinyl Acetate	0.16	0.500	ND	
Carbon Tetrachloride	0.14	0.500	ND	
1,1,1-Trichloroethane	0.15	0.500	ND	
2-Butanone (MEK)	0.21	0.500	ND	
Ethyl Acetate	0.21	0.500	ND	
Tetrahydrofuran	0.10	0.500	ND	
Benzene	0.21	0.500	ND	
TAME	0.086	0.500	ND	
1,2-Dichloroethane (EDC)	0.24	0.500	ND	
Trichloroethylene	0.26	1.00	ND	
1,2-Dichloropropane	0.29	1.00	ND	
Bromodichloromethane	0.13	0.500	ND	
1,4-Dioxane	0.35	1.00	ND	
trans-1,3-Dichloropropene	0.19	0.500	ND	
Toluene	0.25	0.500	ND	
4-Methyl-2-Pentanone (MIBK)	0.21	0.500	ND	
cis-1,3-Dichloropropene	0.25	0.500	ND	

MB Summary Report

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/21/14	**Analytical Batch:**	423345
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.13	0.500	ND	
1,1,2-Trichloroethane	0.17	0.500	ND	
Dibromochloromethane	0.20	0.500	ND	
1,2-Dibromoethane (EDB)	0.27	1.00	ND	
2-Hexanone	0.27	1.00	ND	
Ethyl Benzene	0.23	0.500	ND	
Chlorobenzene	0.15	0.500	ND	
1,1,1,2-Tetrachloroethane	0.15	0.500	ND	
m,p-Xylene	0.38	1.00	ND	
o-Xylene	0.19	0.500	ND	
Styrene	0.16	0.500	ND	
Bromoform	0.11	0.500	ND	
1,1,2,2-Tetrachloroethane	0.10	0.500	ND	
4-Ethyl Toluene	0.17	0.500	ND	
1,3,5-Trimethylbenzene	0.15	0.500	ND	
1,2,4-Trimethylbenzene	0.14	0.500	ND	
1,4-Dichlorobenzene	0.11	0.500	ND	
1,3-Dichlorobenzene	0.14	0.500	ND	
1,2-Dichlorobenzene	0.15	0.500	ND	
Hexachlorobutadiene	0.22	0.500	ND	
1,2,4-Trichlorobenzene	0.46	1.00	ND	
Naphthalene	0.28	1.00	ND	
(S) 4-Bromofluorobenzene			104	

MB Summary Report

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/23/14	**Analytical Batch:**	423359
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.30	1.00	ND	
1,1-Difluoroethane	0.18	10.0	0.490	
1,2-Dichlorotetrafluoroethane	0.70	2.00	ND	
Chloromethane	0.15	0.500	ND	
Vinyl Chloride	0.26	1.00	ND	
1,3-Butadiene	0.20	0.500	ND	
Bromomethane	0.18	0.500	ND	
Chloroethane	0.19	0.500	ND	
Trichlorofluoromethane	0.32	1.00	ND	
1,1-Dichloroethene	0.15	0.500	ND	
Freon 113	0.11	0.500	ND	
Carbon Disulfide	0.26	1.00	ND	
2-Propanol (Isopropyl Alcohol)	0.39	8.00	ND	
Methylene Chloride	0.17	8.00	ND	
Acetone	0.37	8.00	ND	
trans-1,2-Dichloroethene	0.16	0.500	ND	
Hexane	0.15	0.500	ND	
MTBE	0.24	0.500	ND	
tert-Butanol	0.22	2.00	ND	
Diisopropyl ether (DIPE)	0.21	0.500	ND	
1,1-Dichloroethane	0.18	0.500	ND	
ETBE	0.16	0.500	ND	
cis-1,2-Dichloroethene	0.13	0.500	ND	
Chloroform	0.25	1.00	ND	
Vinyl Acetate	0.16	0.500	ND	
Carbon Tetrachloride	0.14	0.500	ND	
1,1,1-Trichloroethane	0.15	0.500	ND	
2-Butanone (MEK)	0.21	0.500	ND	
Ethyl Acetate	0.21	0.500	ND	
Tetrahydrofuran	0.10	0.500	ND	
Benzene	0.21	0.500	ND	
TAME	0.086	0.500	ND	
1,2-Dichloroethane (EDC)	0.24	0.500	ND	
Trichloroethylene	0.26	1.00	ND	
1,2-Dichloropropane	0.29	1.00	ND	
Bromodichloromethane	0.13	0.500	ND	
1,4-Dioxane	0.35	1.00	ND	
trans-1,3-Dichloropropene	0.19	0.500	ND	
Toluene	0.25	0.500	ND	
4-Methyl-2-Pentanone (MIBK)	0.21	0.500	ND	
cis-1,3-Dichloropropene	0.25	0.500	ND	

MB Summary Report

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/23/14	**Analytical Batch:**	423359
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.13	0.500	ND	
1,1,2-Trichloroethane	0.17	0.500	ND	
Dibromochloromethane	0.20	0.500	ND	
1,2-Dibromoethane (EDB)	0.27	1.00	ND	
2-Hexanone	0.27	1.00	ND	
Ethyl Benzene	0.23	0.500	ND	
Chlorobenzene	0.15	0.500	ND	
1,1,1,2-Tetrachloroethane	0.15	0.500	ND	
m,p-Xylene	0.38	1.00	ND	
o-Xylene	0.19	0.500	ND	
Styrene	0.16	0.500	ND	
Bromoform	0.11	0.500	ND	
1,1,2,2-Tetrachloroethane	0.10	0.500	ND	
4-Ethyl Toluene	0.17	0.500	ND	
1,3,5-Trimethylbenzene	0.15	0.500	ND	
1,2,4-Trimethylbenzene	0.14	0.500	ND	
1,4-Dichlorobenzene	0.11	0.500	ND	
1,3-Dichlorobenzene	0.14	0.500	ND	
1,2-Dichlorobenzene	0.15	0.500	ND	
Hexachlorobutadiene	0.22	0.500	ND	
1,2,4-Trichlorobenzene	0.46	1.00	ND	
Naphthalene	0.28	1.00	ND	
(S) 4-Bromofluorobenzene			113	

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/18/14	**Analytical Batch:**	423292
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.15	0.500	ND	20	104	95.2	8.98	65 - 135	30	
Benzene	0.21	0.500	ND	20	105	94.9	10.1	65 - 135	30	
Trichloroethylene	0.26	1.00	ND	20	90.6	89.8	0.887	65 - 135	30	
Toluene	0.25	0.500	ND	20	88.9	87.7	1.36	65 - 135	30	
Chlorobenzene	0.15	0.500	ND	20	82.6	82.9	0.302	65 - 135	30	
(S) 4-Bromofluorobenzene			ND	20	95.0	90.0		65 - 135		

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/19/14	**Analytical Batch:**	423309
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.15	0.500	ND	20	103	94.3	8.63	65 - 135	30	
Benzene	0.21	0.500	ND	20	94.3	87.1	7.89	65 - 135	30	
Trichloroethylene	0.26	1.00	ND	20	99.4	96.6	2.81	65 - 135	30	
Toluene	0.25	0.500	ND	20	94.9	96.6	1.78	65 - 135	30	
Chlorobenzene	0.15	0.500	ND	20	96.2	97.5	1.29	65 - 135	30	
(S) 4-Bromofluorobenzene			ND	20	105	105		65 - 135		

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/21/14	**Analytical Batch:**	423345
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.15	0.500	ND	20	102	119	15.5	65 - 135	30	
Benzene	0.21	0.500	0.210	20	104	119	13.5	65 - 135	30	
Trichloroethylene	0.26	1.00	ND	20	102	106	3.81	65 - 135	30	
Toluene	0.25	0.500	ND	20	104	103	1.01	65 - 135	30	
Chlorobenzene	0.15	0.500	ND	20	103	77.7	28.5	65 - 135	30	
(S) 4-Bromofluorobenzene			ND	20	115	120		65 - 135		

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1411074	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	11/23/14	**Analytical Batch:**	423359
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.15	0.500	ND	20	98.9	99.7	0.806	65 - 135	30	
Benzene	0.21	0.500	0.490	20	105	103	2.12	65 - 135	30	
Trichloroethylene	0.26	1.00	ND	20	109	114	4.17	65 - 135	30	
Toluene	0.25	0.500	ND	20	108	108	0.0928	65 - 135	30	
Chlorobenzene	0.15	0.500	ND	20	102	102	0.441	65 - 135	30	
(S) 4-Bromofluorobenzene			ND	20	130	130		65 - 135		

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 (PQL) - 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 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 anlayte 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
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: 22330 Main St./ Hayward

Work Order No.: 1411074

Date and Time Received: 11/14/2014 18:06

Received By: ng

Physically Logged By: ldi

Checklist Completed By: ldi

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:	°C
Water-VOA vials have zero headspace?	No VOA vials submitted		
Water-pH acceptable upon receipt?	N/A		

pH Checked by: n/a

pH Adjusted by: n/a

Rec'd 2 canisters w/ sample ID's SV7-5.0 / Serial #'s 6105 and A7466 not listed on COC

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

1411074

1682 NOVATO BOULEVARD, SUITE 100
NOVATO, CALIFORNIA 94947
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent
JOB NUMBER: 1440.002.01.002
NAME / LOCATION: 22330 Main St. / Hayward
PROJECT MANAGER: K. Flory

SAMPLERS: M. Eddy, A. Kalter
RECORDER: M. Eddy

DATE YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	Vapor	Water	Soil	Sedim't	Unpres.	EnCore	H_2SO_4	HNO_3 + HCl	Start time	Stop time	Start Vac ("Hg)	End Vac ("Hg)	Can DEPTH ~~FEET~~ Serial	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 EPA TO-15	
14	11	14		SV1-5.0 *S	X							1438	1445		-30	0	A7557								X		-001A
				SV1-5.0	X							1438	1445		-30	0	6124										-002A
				SV1-10.0 *S	X							1402	1415		-30	0	6108										-003A
				SV1-10.0	X							1402	1415		-30	-4	6334										-004A
				SV5-5.0 *S	X							1255	1310		-26	0	A7461										-005A
				SV3-5.0 *S	X							1430	1440		-28	-8	6313										-006A
				SV6-5.0	X							1215	1230		-28	-12	6328										-007A
				SV2-5.0 *S	X							1328	1336		-30	0	6122										-008A
				SV5-5.0	X							1255	1310		-24	-4	6116										-009A
				SV4-5.0 *S	X							1345	1355		-30	-4	6317										-010A
				SV2-10.0 *S	X							1305	1315		-29	0	6110										-011A
				SV2-5.0	X							1328	1336		-28	0	6121										-012A

NOTES

Turn Around Time: Standard

*S = Shroud Sample

REC ~~NGL~~ ~~LBL~~ ~~LIR~~

Page 1 of 3

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
[signature]	[signature]	11/14/14	1615
RELINQUISHED BY: (Signature) [signature]	RECEIVED BY: (Signature) [signature] NAVEN G	11/14/14	6:06
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:			

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

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

1682 NOVATO BOULEVARD, SUITE 100
NOVATO, CALIFORNIA 94947
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent
JOB NUMBER: 1440.002.01.002
NAME / LOCATION: 22330 Main St. / Hayward
PROJECT MANAGER: K. Flory

SAMPLERS: M. Eddy 1411074
A. Kalter
RECORDER: M. Eddy

DATE YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	Vapor	Water	Soil	Sedim't	Unpres.	EnCore	H_2SO_4	HNO_3	HCl	Start time	Stop time	Start Vac ("Hg)	End Vac ("Hg)	CAN DEPTH ~~FEET~~ Serial	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 EPA TO-15
14	11	14		SV6-5.0 *S										1215	1230	-28.5	0	6314									-013A
				SV3-5.0										1430	1440	-30	0	A7465									-014A
				SV4-5.0										1345	1355	-28	0	A7482									-015A
				SV2-10.0										1305	1315	-28	0	6112									-016A
				SV7-5.0										1222	1240	-30	0	A7473									-017A
				SV7-5.0 *S										1222	1240	-30	0	6109									-018A

NOTES

Turn Around Time: Standard

REC NGLI LBL LIR

Page 2 of 3

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
[signature]	[signature]	11/14/14	1615
RELINQUISHED BY: (Signature) [signature]	RECEIVED BY: (Signature) NAVEN G [signature]	11/14/14	6:06
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:			

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

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.

Change Order

Work Order: 1411074 **Serial #:** CO14-0335 **Print Date:** 11/17/2014

Project Name: 22330 Main St./ Hayward

Client: PES Environmental, Inc **Requested By:** Matt Eddy

	Requested Date	Requested Time	Extended Price
"Shroud" samples (001, 003, 005, 006, 008, 010, 011, 013, 018) should only be analyzed for 1,1 DFA, not full list TO15	11/17/2014	2:00:00PM	

Page 1 of 1

483 Sinclair Frontage Rd., Milpitas, CA 95035 | *tel:* 408.263.5258 | *fax:* 408.263.8293 | www.torrentlab.com

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

1682 NOVATO BOULEVARD, SUITE 100
NOVATO, CALIFORNIA 94947
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent
JOB NUMBER: 1440.002.01.002
NAME / LOCATION: 22330 Main St. / Hayward
PROJECT MANAGER: K. Flory

SAMPLERS: M. Eddy, A. Kalter
RECORDER: M. Eddy

DATE YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	MATRIX Vapor	Water	Soil	Sedim't	Start time Unpres.	EnCore	H_2SO_4	Stop time HNO_3 + HCl	Start Vac ("Hg)	End Vac ("Hg)	Can DEPTH IN FEET Serial	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 EPA TO-15	1,1-DFA by TO-15
14	11	14		SV1-5.0 *S	X				1438			1445	-30	0	A7557								ME	X	X
				SV1-5.0	X				1438			1445	-30	0	6124										
				SV1-10.0 *S	X				1402			1415	-30	0	6108								ME		X
				SV1-10.0	X				1402			1415	-30	-4	6334										
				SV5-5.0 *S	X				1255			1310	-26	0	A7461								ME		X
				SV3-5.0 *S	X				1430			1440	-28	-8	6313								ME		X
				SV6-5.0	X				1215			1230	-28	-12	6328										
				SV2-5.0 *S	X				1328			1336	-30	0	6122								ME		X
				SV5-5.0	X				1255			1310	-24	-4	6116										
				SV4-5.0 *S	X				1345			1355	-30	-4	6317								ME		X
				SV2-10.0 *S	X				1305			1315	-29	0	6110								ME		X
				SV2-5.0	X				1328			1336	-28	0	6121										

NOTES

Turn Around Time: Standard

*S = Shroud Sample
ME → Run only for 1,1-DFA

Page 1 of 3

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
[signature]	[signature]	11/14/14	1615
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
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:			

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

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

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NOVATO, CALIFORNIA 94947
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent
JOB NUMBER: 1440.002.01.002
NAME / LOCATION: 22330 Main St. / Hayward
PROJECT MANAGER: K. Flory

SAMPLERS: M. Eddy, A. Kalter
RECORDER: M. Eddy

DATE YR	MO	DY	TIME	SAMPLE NUMBER / DESIGNATION	Vapor	Water	Soil	Sedim't	Unpres.	EnCore	H_2SO_4	HNO_3	HCl	Start time	Stop time	Start Vac ("Hg)	End Vac ("Hg)	CAN DEPTH ~~IN FEET~~ Serial	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 EPA TO-15	1,1-DFA by TO-15
14	11	14		SV6-5.0 *S										1215	1230	-28.5	0	6314									ME X	X
↓	↓	↓		SV3-5.0										1430	1440	-30	0	A7465										
				SV4-5.0										1345	1355	-28	0	A7482										
				SV2-10.0										1305	1315	-28	0	6112										
				SV7-5.0										1222	1240	-30	0	A7473										
				SV7-5.0 *S										1222	1240	-30	0	6109									ME X	X

NOTES

Turn Around Time: Standard

ME *S = Shroud Sample
ME → Run only for 1,1-DFA

Page 2 of 3

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
[signature]	[signature]	1/14/14	1615
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
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:

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

PES Environmental, Inc
1682 Novato Blvd. STE#100
Novato, California 94947
Tel: (415) 899-1600
Fax: (415) 899-1601

RE: 22330 Main St., Hayward

Work Order No.: 1412106

Dear Kyle Flory:

Torrent Laboratory, Inc. received 16 sample(s) on December 16, 2014 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.

Yelena Brodskaya
Technical Manager

December 17, 2014
Date

Date: 12/17/2014

Client: PES Environmental, Inc

Project: 22330 Main St., Hayward

Work Order: 1412106

CASE 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 Analytical, Inc.

Note for all Shroud samples: E - Reported results should be considered as estimated values because the concentration exceeds the calibration range of the instrument. Results reported in mg/m3.

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

SV8 1412106-001A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	1.24	1.1	24	24.0
Chloroform	ETO15	1.24	1.5	6.1	6.68
2-Butanone (MEK)	ETO15	1.24	0.78	1.9	3.57
Tetrahydrofuran	ETO15	1.24	0.37	1.9	12.0
Benzene	ETO15	1.24	0.85	2.0	7.22
Toluene	ETO15	1.24	1.2	2.4	115
Tetrachloroethylene	ETO15	1.24	1.1	4.2	7.34
Ethyl Benzene	ETO15	1.24	1.2	2.7	9.54
m,p-Xylene	ETO15	1.24	2.0	5.3	38.8
o-Xylene	ETO15	1.24	1.0	2.7	10.7

SV9 1412106-002A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	ETO15	1.20	0.97	3.7	3.98
Hexane	ETO15	1.20	0.63	2.1	7.35
2-Butanone (MEK)	ETO15	1.20	0.75	1.8	5.04
Benzene	ETO15	1.20	0.82	1.9	4.34
Toluene	ETO15	1.20	1.1	2.3	54.0
Ethyl Benzene	ETO15	1.20	1.2	2.6	4.02
m,p-Xylene	ETO15	1.20	1.9	5.2	20.4
o-Xylene	ETO15	1.20	0.97	2.6	5.11

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

SV10-5.0 1412106-003A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Ethyl Acetate	ETO15	1.20	0.89	2.2	6.35
Toluene	ETO15	1.20	1.1	2.3	23.3
4-Methyl-2-Pentanone (MIBK)	ETO15	1.20	1.0	2.5	35.1
Tetrachloroethylene	ETO15	1.20	1.1	4.1	91.6
Ethyl Benzene	ETO15	1.20	1.2	2.6	157
1,2,4-Trimethylbenzene	ETO15	1.20	0.83	2.9	4.12
m,p-Xylene	ETO15	6	9.7	26	734
o-Xylene	ETO15	6	4.8	13	324

SV10-10.0 1412106-004A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Freon 113	ETO15	1	0.85	3.9	7.93
Ethyl Acetate	ETO15	1	0.74	1.8	4.68
Toluene	ETO15	1	0.95	1.9	15.7
Tetrachloroethylene	ETO15	1	0.91	3.4	147
m,p-Xylene	ETO15	1	1.6	4.3	7.57
1,2,4-Trimethylbenzene	ETO15	1	0.69	2.5	2.84

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

SV11 1412106-005A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Freon 113	ETO15	1.31	1.1	5.0	10.1
Acetone	ETO15	1.31	1.2	25	33.8
2-Butanone (MEK)	ETO15	1.31	0.82	2.0	3.58
Tetrahydrofuran	ETO15	1.31	0.40	2.0	3.14
4-Methyl-2-Pentanone (MIBK)	ETO15	1.31	1.1	2.7	54.2
Styrene	ETO15	1.31	0.90	2.9	4.32
1,3,5-Trimethylbenzene	ETO15	1.31	0.99	3.2	18.7
1,2,4-Trimethylbenzene	ETO15	1.31	0.90	3.2	54.0
Toluene	ETO15	13.1	12	25	706
Tetrachloroethylene	ETO15	13.1	12	45	519
Ethyl Benzene	ETO15	13.1	13	28	1140
m,p-Xylene	ETO15	13.1	21	56	5660
o-Xylene	ETO15	13.1	11	28	1940

SV12-5.0 1412106-006A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Freon 113	ETO15	1.20	1.0	4.6	22.8
Toluene	ETO15	1.20	1.1	2.3	3.97
Tetrachloroethylene	ETO15	1.20	1.1	4.1	210

SV12-10.0 1412106-007A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Freon 113	ETO15	1.22	1.0	4.7	29.1
Acetone	ETO15	1.22	1.1	23	47.8
2-Butanone (MEK)	ETO15	1.22	0.77	1.8	3.29
Ethyl Acetate	ETO15	1.22	0.90	2.2	4.30
Tetrahydrofuran	ETO15	1.22	0.37	1.8	2.89
Benzene	ETO15	1.22	0.84	2.0	5.27
Toluene	ETO15	1.22	1.2	2.3	55.6
Tetrachloroethylene	ETO15	1.22	1.1	4.1	216
m,p-Xylene	ETO15	1.22	2.0	5.2	8.50

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

SV13 1412106-008A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	1.24	1.1	24	43.2
Hexane	ETO15	1.24	0.65	2.2	2.78
2-Butanone (MEK)	ETO15	1.24	0.78	1.9	3.91
Ethyl Acetate	ETO15	1.24	0.92	2.2	7.10
Tetrahydrofuran	ETO15	1.24	0.37	1.9	7.96
Benzene	ETO15	1.24	0.85	2.0	5.83
Toluene	ETO15	1.24	1.2	2.4	84.5
Ethyl Benzene	ETO15	1.24	1.2	2.7	5.81
m,p-Xylene	ETO15	1.24	2.0	5.3	22.7
o-Xylene	ETO15	1.24	1.0	2.7	5.23

SV8-Shroud 1412106-009A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	5000	2.5	140	7160

SV9-Shroud 1412106-010A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	5000	2.5	140	6710

SV10-5.0-Shroud 1412106-011A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	5000	2.5	140	5400

SV10-10.0-Shroud 1412106-012A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	5000	2.5	140	5520

Sample Result Summary

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

SV11-Shroud 1412106-013A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	5000	2.5	140	6460

SV12-5.0-Shroud 1412106-014A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	5000	2.5	140	29500

SV12-10.0-Shroud 1412106-015A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	10000	5.0	270	13300

SV13-Shroud 1412106-016A

Parameters:	Analysis Method	DF	MDL	PQL	Results mg/m3
1,1-Difluoroethane	ETO15	10000	5.0	270	12100

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV8	**Lab Sample ID:**	1412106-001A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 13:24	**Certified Clean WO # :**	
Canister/Tube ID:	6123	**Received PSI :**	12.3
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	12/16/14	1.24	1.9	6.2	ND	ND		423614	NA
1,1-Difluoroethane	ETO15	NA	12/16/14	1.24	0.62	1.7	ND	ND		423614	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	12/16/14	1.24	6.1	17	ND	ND		423614	NA
Chloromethane	ETO15	NA	12/16/14	1.24	0.39	1.3	ND	ND		423614	NA
Vinyl Chloride	ETO15	NA	12/16/14	1.24	0.83	3.2	ND	ND		423614	NA
1,3-Butadiene	ETO15	NA	12/16/14	1.24	0.55	1.4	ND	ND		423614	NA
Bromomethane	ETO15	NA	12/16/14	1.24	0.89	2.4	ND	ND		423614	NA
Chloroethane	ETO15	NA	12/16/14	1.24	0.62	1.6	ND	ND		423614	NA
Trichlorofluoromethane	ETO15	NA	12/16/14	1.24	2.2	6.9	ND	ND		423614	NA
1,1-Dichloroethene	ETO15	NA	12/16/14	1.24	0.76	2.5	ND	ND		423614	NA
Freon 113	ETO15	NA	12/16/14	1.24	1.1	4.8	ND	ND		423614	NA
Carbon Disulfide	ETO15	NA	12/16/14	1.24	1.0	3.8	ND	ND		423614	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	12/16/14	1.24	1.2	25	ND	ND		423614	NA
Methylene Chloride	ETO15	NA	12/16/14	1.24	0.72	35	ND	ND		423614	NA
Acetone	ETO15	NA	12/16/14	1.24	1.1	24	24.0	10.00		423614	NA
trans-1,2-Dichloroethene	ETO15	NA	12/16/14	1.24	0.79	2.5	ND	ND		423614	NA
Hexane	ETO15	NA	12/16/14	1.24	0.65	2.2	ND	ND		423614	NA
MTBE	ETO15	NA	12/16/14	1.24	1.1	2.2	ND	ND		423614	NA
tert-Butanol	ETO15	NA	12/16/14	1.24	1.1	10	ND	ND		423614	NA
Diisopropyl ether (DIPE)	ETO15	NA	12/16/14	1.24	1.1	2.6	ND	ND		423614	NA
1,1-Dichloroethane	ETO15	NA	12/16/14	1.24	0.93	2.5	ND	ND		423614	NA
ETBE	ETO15	NA	12/16/14	1.24	0.84	2.6	ND	ND		423614	NA
cis-1,2-Dichloroethene	ETO15	NA	12/16/14	1.24	0.67	2.5	ND	ND		423614	NA
Chloroform	ETO15	NA	12/16/14	1.24	1.5	6.1	6.68	1.36		423614	NA
Vinyl Acetate	ETO15	NA	12/16/14	1.24	0.70	2.2	ND	ND		423614	NA
Carbon Tetrachloride	ETO15	NA	12/16/14	1.24	1.1	3.9	ND	ND		423614	NA
1,1,1-Trichloroethane	ETO15	NA	12/16/14	1.24	1.1	3.4	ND	ND		423614	NA
2-Butanone (MEK)	ETO15	NA	12/16/14	1.24	0.78	1.9	3.57	1.19		423614	NA
Ethyl Acetate	ETO15	NA	12/16/14	1.24	0.92	2.2	ND	ND		423614	NA
Tetrahydrofuran	ETO15	NA	12/16/14	1.24	0.37	1.9	12.0	4.00		423614	NA
Benzene	ETO15	NA	12/16/14	1.24	0.85	2.0	7.22	2.26		423614	NA
TAME	ETO15	NA	12/16/14	1.24	0.45	2.6	ND	ND		423614	NA
1,2-Dichloroethane (EDC)	ETO15	NA	12/16/14	1.24	1.2	2.5	ND	ND		423614	NA
Trichloroethylene	ETO15	NA	12/16/14	1.24	1.7	6.7	ND	ND		423614	NA
1,2-Dichloropropane	ETO15	NA	12/16/14	1.24	1.6	5.7	ND	ND		423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV8	**Lab Sample ID:**	1412106-001A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 13:24	**Certified Clean WO # :**	
Canister/Tube ID:	6123	**Received PSI :**	12.3
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	12/16/14	1.24	1.1	4.2	ND	ND		423614	NA
1,4-Dioxane	ETO15	NA	12/16/14	1.24	1.5	4.5	ND	ND		423614	NA
trans-1,3-Dichloropropene	ETO15	NA	12/16/14	1.24	1.1	2.8	ND	ND		423614	NA
Toluene	ETO15	NA	12/16/14	1.24	1.2	2.4	115	30.26		423614	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	12/16/14	1.24	1.1	2.5	ND	ND		423614	NA
cis-1,3-Dichloropropene	ETO15	NA	12/16/14	1.24	1.4	2.8	ND	ND		423614	NA
Tetrachloroethylene	ETO15	NA	12/16/14	1.24	1.1	4.2	7.34	1.08		423614	NA
1,1,2-Trichloroethane	ETO15	NA	12/16/14	1.24	1.2	3.4	ND	ND		423614	NA
Dibromochloromethane	ETO15	NA	12/16/14	1.24	2.2	5.3	ND	ND		423614	NA
1,2-Dibromoethane (EDB)	ETO15	NA	12/16/14	1.24	2.5	9.5	ND	ND		423614	NA
2-Hexanone	ETO15	NA	12/16/14	1.24	1.4	5.1	ND	ND		423614	NA
Ethyl Benzene	ETO15	NA	12/16/14	1.24	1.2	2.7	9.54	2.22		423614	NA
Chlorobenzene	ETO15	NA	12/16/14	1.24	0.88	2.9	ND	ND		423614	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	12/16/14	1.24	1.3	4.3	ND	ND		423614	NA
m,p-Xylene	ETO15	NA	12/16/14	1.24	2.0	5.3	38.8	9.02		423614	NA
o-Xylene	ETO15	NA	12/16/14	1.24	1.0	2.7	10.7	2.49		423614	NA
Styrene	ETO15	NA	12/16/14	1.24	0.85	2.7	ND	ND		423614	NA
Bromoform	ETO15	NA	12/16/14	1.24	1.4	6.2	ND	ND		423614	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	12/16/14	1.24	0.87	4.3	ND	ND		423614	NA
4-Ethyl Toluene	ETO15	NA	12/16/14	1.24	1.0	3.0	ND	ND		423614	NA
1,3,5-Trimethylbenzene	ETO15	NA	12/16/14	1.24	0.94	3.0	ND	ND		423614	NA
1,2,4-Trimethylbenzene	ETO15	NA	12/16/14	1.24	0.85	3.0	ND	ND		423614	NA
1,4-Dichlorobenzene	ETO15	NA	12/16/14	1.24	0.80	3.7	ND	ND		423614	NA
1,3-Dichlorobenzene	ETO15	NA	12/16/14	1.24	1.0	3.7	ND	ND		423614	NA
1,2-Dichlorobenzene	ETO15	NA	12/16/14	1.24	1.1	3.7	ND	ND		423614	NA
Hexachlorobutadiene	ETO15	NA	12/16/14	1.24	3.0	6.8	ND	ND		423614	NA
1,2,4-Trichlorobenzene	ETO15	NA	12/16/14	1.24	4.2	9.2	ND	ND		423614	NA
Naphthalene	ETO15	NA	12/16/14	1.24	1.8	6.4	ND	ND		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	1.24	65	135	107 %			423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV9	**Lab Sample ID:**	1412106-002A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 12:57	**Certified Clean WO # :**	
Canister/Tube ID:	A7561	**Received PSI :**	12.9
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	12/16/14	1.20	1.8	6.0	ND	ND		423614	NA
1,1-Difluoroethane	ETO15	NA	12/16/14	1.20	0.60	1.6	ND	ND		423614	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	12/16/14	1.20	5.9	17	ND	ND		423614	NA
Chloromethane	ETO15	NA	12/16/14	1.20	0.38	1.3	ND	ND		423614	NA
Vinyl Chloride	ETO15	NA	12/16/14	1.20	0.80	3.1	ND	ND		423614	NA
1,3-Butadiene	ETO15	NA	12/16/14	1.20	0.53	1.3	ND	ND		423614	NA
Bromomethane	ETO15	NA	12/16/14	1.20	0.86	2.3	ND	ND		423614	NA
Chloroethane	ETO15	NA	12/16/14	1.20	0.60	1.6	ND	ND		423614	NA
Trichlorofluoromethane	ETO15	NA	12/16/14	1.20	2.2	6.7	ND	ND		423614	NA
1,1-Dichloroethene	ETO15	NA	12/16/14	1.20	0.73	2.4	ND	ND		423614	NA
Freon 113	ETO15	NA	12/16/14	1.20	1.0	4.6	ND	ND		423614	NA
Carbon Disulfide	ETO15	NA	12/16/14	1.20	0.97	3.7	3.98	1.28		423614	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	12/16/14	1.20	1.2	24	ND	ND		423614	NA
Methylene Chloride	ETO15	NA	12/16/14	1.20	0.70	34	ND	ND		423614	NA
Acetone	ETO15	NA	12/16/14	1.20	1.1	23	ND	ND		423614	NA
trans-1,2-Dichloroethene	ETO15	NA	12/16/14	1.20	0.77	2.4	ND	ND		423614	NA
Hexane	ETO15	NA	12/16/14	1.20	0.63	2.1	7.35	2.10		423614	NA
MTBE	ETO15	NA	12/16/14	1.20	1.0	2.2	ND	ND		423614	NA
tert-Butanol	ETO15	NA	12/16/14	1.20	1.1	10	ND	ND		423614	NA
Diisopropyl ether (DIPE)	ETO15	NA	12/16/14	1.20	1.1	2.5	ND	ND		423614	NA
1,1-Dichloroethane	ETO15	NA	12/16/14	1.20	0.90	2.5	ND	ND		423614	NA
ETBE	ETO15	NA	12/16/14	1.20	0.81	2.5	ND	ND		423614	NA
cis-1,2-Dichloroethene	ETO15	NA	12/16/14	1.20	0.64	2.4	ND	ND		423614	NA
Chloroform	ETO15	NA	12/16/14	1.20	1.5	5.9	ND	ND		423614	NA
Vinyl Acetate	ETO15	NA	12/16/14	1.20	0.68	2.1	ND	ND		423614	NA
Carbon Tetrachloride	ETO15	NA	12/16/14	1.20	1.0	3.8	ND	ND		423614	NA
1,1,1-Trichloroethane	ETO15	NA	12/16/14	1.20	1.0	3.3	ND	ND		423614	NA
2-Butanone (MEK)	ETO15	NA	12/16/14	1.20	0.75	1.8	5.04	1.68		423614	NA
Ethyl Acetate	ETO15	NA	12/16/14	1.20	0.89	2.2	ND	ND		423614	NA
Tetrahydrofuran	ETO15	NA	12/16/14	1.20	0.36	1.8	ND	ND		423614	NA
Benzene	ETO15	NA	12/16/14	1.20	0.82	1.9	4.34	1.36		423614	NA
TAME	ETO15	NA	12/16/14	1.20	0.43	2.5	ND	ND		423614	NA
1,2-Dichloroethane (EDC)	ETO15	NA	12/16/14	1.20	1.2	2.5	ND	ND		423614	NA
Trichloroethylene	ETO15	NA	12/16/14	1.20	1.7	6.5	ND	ND		423614	NA
1,2-Dichloropropane	ETO15	NA	12/16/14	1.20	1.6	5.5	ND	ND		423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV9	**Lab Sample ID:**	1412106-002A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 12:57	**Certified Clean WO # :**	
Canister/Tube ID:	A7561	**Received PSI :**	12.9
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	12/16/14	1.20	1.1	4.0	ND	ND		423614	NA
1,4-Dioxane	ETO15	NA	12/16/14	1.20	1.5	4.3	ND	ND		423614	NA
trans-1,3-Dichloropropene	ETO15	NA	12/16/14	1.20	1.0	2.7	ND	ND		423614	NA
Toluene	ETO15	NA	12/16/14	1.20	1.1	2.3	54.0	14.21		423614	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	12/16/14	1.20	1.0	2.5	ND	ND		423614	NA
cis-1,3-Dichloropropene	ETO15	NA	12/16/14	1.20	1.4	2.7	ND	ND		423614	NA
Tetrachloroethylene	ETO15	NA	12/16/14	1.20	1.1	4.1	ND	ND		423614	NA
1,1,2-Trichloroethane	ETO15	NA	12/16/14	1.20	1.1	3.3	ND	ND		423614	NA
Dibromochloromethane	ETO15	NA	12/16/14	1.20	2.1	5.1	ND	ND		423614	NA
1,2-Dibromoethane (EDB)	ETO15	NA	12/16/14	1.20	2.5	9.2	ND	ND		423614	NA
2-Hexanone	ETO15	NA	12/16/14	1.20	1.3	4.9	ND	ND		423614	NA
Ethyl Benzene	ETO15	NA	12/16/14	1.20	1.2	2.6	4.02	0.93		423614	NA
Chlorobenzene	ETO15	NA	12/16/14	1.20	0.85	2.8	ND	ND		423614	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	12/16/14	1.20	1.2	4.1	ND	ND		423614	NA
m,p-Xylene	ETO15	NA	12/16/14	1.20	1.9	5.2	20.4	4.74		423614	NA
o-Xylene	ETO15	NA	12/16/14	1.20	0.97	2.6	5.11	1.19		423614	NA
Styrene	ETO15	NA	12/16/14	1.20	0.83	2.6	ND	ND		423614	NA
Bromoform	ETO15	NA	12/16/14	1.20	1.3	6.0	ND	ND		423614	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	12/16/14	1.20	0.84	4.1	ND	ND		423614	NA
4-Ethyl Toluene	ETO15	NA	12/16/14	1.20	0.98	2.9	ND	ND		423614	NA
1,3,5-Trimethylbenzene	ETO15	NA	12/16/14	1.20	0.91	2.9	ND	ND		423614	NA
1,2,4-Trimethylbenzene	ETO15	NA	12/16/14	1.20	0.83	2.9	ND	ND		423614	NA
1,4-Dichlorobenzene	ETO15	NA	12/16/14	1.20	0.77	3.6	ND	ND		423614	NA
1,3-Dichlorobenzene	ETO15	NA	12/16/14	1.20	1.0	3.6	ND	ND		423614	NA
1,2-Dichlorobenzene	ETO15	NA	12/16/14	1.20	1.1	3.6	ND	ND		423614	NA
Hexachlorobutadiene	ETO15	NA	12/16/14	1.20	2.9	6.6	ND	ND		423614	NA
1,2,4-Trichlorobenzene	ETO15	NA	12/16/14	1.20	4.1	8.9	ND	ND		423614	NA
Naphthalene	ETO15	NA	12/16/14	1.20	1.7	6.2	ND	ND		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	1.20	65	135	107 %			423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV10-5.0	**Lab Sample ID:**	1412106-003A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:28	**Certified Clean WO # :**	
Canister/Tube ID:	6331	**Received PSI :**	13.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	12/16/14	1.20	1.8	6.0	ND	ND		423614	NA
1,1-Difluoroethane	ETO15	NA	12/16/14	1.20	0.60	1.6	ND	ND		423614	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	12/16/14	1.20	5.9	17	ND	ND		423614	NA
Chloromethane	ETO15	NA	12/16/14	1.20	0.38	1.3	ND	ND		423614	NA
Vinyl Chloride	ETO15	NA	12/16/14	1.20	0.80	3.1	ND	ND		423614	NA
1,3-Butadiene	ETO15	NA	12/16/14	1.20	0.53	1.3	ND	ND		423614	NA
Bromomethane	ETO15	NA	12/16/14	1.20	0.86	2.3	ND	ND		423614	NA
Chloroethane	ETO15	NA	12/16/14	1.20	0.60	1.6	ND	ND		423614	NA
Trichlorofluoromethane	ETO15	NA	12/16/14	1.20	2.2	6.7	ND	ND		423614	NA
1,1-Dichloroethene	ETO15	NA	12/16/14	1.20	0.73	2.4	ND	ND		423614	NA
Freon 113	ETO15	NA	12/16/14	1.20	1.0	4.6	ND	ND		423614	NA
Carbon Disulfide	ETO15	NA	12/16/14	1.20	0.97	3.7	ND	ND		423614	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	12/16/14	1.20	1.2	24	ND	ND		423614	NA
Methylene Chloride	ETO15	NA	12/16/14	1.20	0.70	34	ND	ND		423614	NA
Acetone	ETO15	NA	12/16/14	1.20	1.1	23	ND	ND		423614	NA
trans-1,2-Dichloroethene	ETO15	NA	12/16/14	1.20	0.77	2.4	ND	ND		423614	NA
Hexane	ETO15	NA	12/16/14	1.20	0.63	2.1	ND	ND		423614	NA
MTBE	ETO15	NA	12/16/14	1.20	1.0	2.2	ND	ND		423614	NA
tert-Butanol	ETO15	NA	12/16/14	1.20	1.1	10	ND	ND		423614	NA
Diisopropyl ether (DIPE)	ETO15	NA	12/16/14	1.20	1.1	2.5	ND	ND		423614	NA
1,1-Dichloroethane	ETO15	NA	12/16/14	1.20	0.90	2.5	ND	ND		423614	NA
ETBE	ETO15	NA	12/16/14	1.20	0.81	2.5	ND	ND		423614	NA
cis-1,2-Dichloroethene	ETO15	NA	12/16/14	1.20	0.64	2.4	ND	ND		423614	NA
Chloroform	ETO15	NA	12/16/14	1.20	1.5	5.9	ND	ND		423614	NA
Vinyl Acetate	ETO15	NA	12/16/14	1.20	0.68	2.1	ND	ND		423614	NA
Carbon Tetrachloride	ETO15	NA	12/16/14	1.20	1.0	3.8	ND	ND		423614	NA
1,1,1-Trichloroethane	ETO15	NA	12/16/14	1.20	1.0	3.3	ND	ND		423614	NA
2-Butanone (MEK)	ETO15	NA	12/16/14	1.20	0.75	1.8	ND	ND		423614	NA
Ethyl Acetate	ETO15	NA	12/16/14	1.20	0.89	2.2	6.35	1.76		423614	NA
Tetrahydrofuran	ETO15	NA	12/16/14	1.20	0.36	1.8	ND	ND		423614	NA
Benzene	ETO15	NA	12/16/14	1.20	0.82	1.9	ND	ND		423614	NA
TAME	ETO15	NA	12/16/14	1.20	0.43	2.5	ND	ND		423614	NA
1,2-Dichloroethane (EDC)	ETO15	NA	12/16/14	1.20	1.2	2.5	ND	ND		423614	NA
Trichloroethylene	ETO15	NA	12/16/14	1.20	1.7	6.5	ND	ND		423614	NA
1,2-Dichloropropane	ETO15	NA	12/16/14	1.20	1.6	5.5	ND	ND		423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV10-5.0	**Lab Sample ID:**	1412106-003A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:28	**Certified Clean WO # :**	
Canister/Tube ID:	6331	**Received PSI :**	13.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	12/16/14	1.20	1.1	4.0	ND	ND		423614	NA
1,4-Dioxane	ETO15	NA	12/16/14	1.20	1.5	4.3	ND	ND		423614	NA
trans-1,3-Dichloropropene	ETO15	NA	12/16/14	1.20	1.0	2.7	ND	ND		423614	NA
Toluene	ETO15	NA	12/16/14	1.20	1.1	2.3	23.3	6.13		423614	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	12/16/14	1.20	1.0	2.5	35.1	8.56		423614	NA
cis-1,3-Dichloropropene	ETO15	NA	12/16/14	1.20	1.4	2.7	ND	ND		423614	NA
Tetrachloroethylene	ETO15	NA	12/16/14	1.20	1.1	4.1	91.6	13.47		423614	NA
1,1,2-Trichloroethane	ETO15	NA	12/16/14	1.20	1.1	3.3	ND	ND		423614	NA
Dibromochloromethane	ETO15	NA	12/16/14	1.20	2.1	5.1	ND	ND		423614	NA
1,2-Dibromoethane (EDB)	ETO15	NA	12/16/14	1.20	2.5	9.2	ND	ND		423614	NA
2-Hexanone	ETO15	NA	12/16/14	1.20	1.3	4.9	ND	ND		423614	NA
Ethyl Benzene	ETO15	NA	12/16/14	1.20	1.2	2.6	157	36.51		423614	NA
Chlorobenzene	ETO15	NA	12/16/14	1.20	0.85	2.8	ND	ND		423614	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	12/16/14	1.20	1.2	4.1	ND	ND		423614	NA
Styrene	ETO15	NA	12/16/14	1.20	0.83	2.6	ND	ND		423614	NA
Bromoform	ETO15	NA	12/16/14	1.20	1.3	6.0	ND	ND		423614	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	12/16/14	1.20	0.84	4.1	ND	ND		423614	NA
4-Ethyl Toluene	ETO15	NA	12/16/14	1.20	0.98	2.9	ND	ND		423614	NA
1,3,5-Trimethylbenzene	ETO15	NA	12/16/14	1.20	0.91	2.9	ND	ND		423614	NA
1,2,4-Trimethylbenzene	ETO15	NA	12/16/14	1.20	0.83	2.9	4.12	0.84		423614	NA
1,4-Dichlorobenzene	ETO15	NA	12/16/14	1.20	0.77	3.6	ND	ND		423614	NA
1,3-Dichlorobenzene	ETO15	NA	12/16/14	1.20	1.0	3.6	ND	ND		423614	NA
1,2-Dichlorobenzene	ETO15	NA	12/16/14	1.20	1.1	3.6	ND	ND		423614	NA
Hexachlorobutadiene	ETO15	NA	12/16/14	1.20	2.9	6.6	ND	ND		423614	NA
1,2,4-Trichlorobenzene	ETO15	NA	12/16/14	1.20	4.1	8.9	ND	ND		423614	NA
Naphthalene	ETO15	NA	12/16/14	1.20	1.7	6.2	ND	ND		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	1.20	65	135	111 %			423614	NA
m,p-Xylene	ETO15	NA	12/16/14	6	9.7	26	734	170.70		423614	NA
o-Xylene	ETO15	NA	12/16/14	6	4.8	13	324	75.35		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	6	65	135	116 %			423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV10-10.0	**Lab Sample ID:**	1412106-004A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:55	**Certified Clean WO # :**	
Canister/Tube ID:	6128	**Received PSI :**	14.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	12/16/14	1	1.5	5.0	ND	ND		423614	NA
1,1-Difluoroethane	ETO15	NA	12/16/14	1	0.50	1.4	ND	ND		423614	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	12/16/14	1	4.9	14	ND	ND		423614	NA
Chloromethane	ETO15	NA	12/16/14	1	0.32	1.1	ND	ND		423614	NA
Vinyl Chloride	ETO15	NA	12/16/14	1	0.67	2.6	ND	ND		423614	NA
1,3-Butadiene	ETO15	NA	12/16/14	1	0.45	1.1	ND	ND		423614	NA
Bromomethane	ETO15	NA	12/16/14	1	0.72	2.0	ND	ND		423614	NA
Chloroethane	ETO15	NA	12/16/14	1	0.50	1.3	ND	ND		423614	NA
Trichlorofluoromethane	ETO15	NA	12/16/14	1	1.8	5.6	ND	ND		423614	NA
1,1-Dichloroethene	ETO15	NA	12/16/14	1	0.61	2.0	ND	ND		423614	NA
Freon 113	ETO15	NA	12/16/14	1	0.85	3.9	7.93	1.03		423614	NA
Carbon Disulfide	ETO15	NA	12/16/14	1	0.81	3.1	ND	ND		423614	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	12/16/14	1	0.97	20	ND	ND		423614	NA
Methylene Chloride	ETO15	NA	12/16/14	1	0.58	28	ND	ND		423614	NA
Acetone	ETO15	NA	12/16/14	1	0.88	19	ND	ND		423614	NA
trans-1,2-Dichloroethene	ETO15	NA	12/16/14	1	0.64	2.0	ND	ND		423614	NA
Hexane	ETO15	NA	12/16/14	1	0.53	1.8	ND	ND		423614	NA
MTBE	ETO15	NA	12/16/14	1	0.87	1.8	ND	ND		423614	NA
tert-Butanol	ETO15	NA	12/16/14	1	0.91	8.4	ND	ND		423614	NA
Diisopropyl ether (DIPE)	ETO15	NA	12/16/14	1	0.88	2.1	ND	ND		423614	NA
1,1-Dichloroethane	ETO15	NA	12/16/14	1	0.75	2.1	ND	ND		423614	NA
ETBE	ETO15	NA	12/16/14	1	0.68	2.1	ND	ND		423614	NA
cis-1,2-Dichloroethene	ETO15	NA	12/16/14	1	0.54	2.0	ND	ND		423614	NA
Chloroform	ETO15	NA	12/16/14	1	1.2	4.9	ND	ND		423614	NA
Vinyl Acetate	ETO15	NA	12/16/14	1	0.57	1.8	ND	ND		423614	NA
Carbon Tetrachloride	ETO15	NA	12/16/14	1	0.86	3.2	ND	ND		423614	NA
1,1,1-Trichloroethane	ETO15	NA	12/16/14	1	0.85	2.8	ND	ND		423614	NA
2-Butanone (MEK)	ETO15	NA	12/16/14	1	0.63	1.5	ND	ND		423614	NA
Ethyl Acetate	ETO15	NA	12/16/14	1	0.74	1.8	4.68	1.30		423614	NA
Tetrahydrofuran	ETO15	NA	12/16/14	1	0.30	1.5	ND	ND		423614	NA
Benzene	ETO15	NA	12/16/14	1	0.69	1.6	ND	ND		423614	NA
TAME	ETO15	NA	12/16/14	1	0.36	2.1	ND	ND		423614	NA
1,2-Dichloroethane (EDC)	ETO15	NA	12/16/14	1	0.99	2.1	ND	ND		423614	NA
Trichloroethylene	ETO15	NA	12/16/14	1	1.4	5.4	ND	ND		423614	NA
1,2-Dichloropropane	ETO15	NA	12/16/14	1	1.3	4.6	ND	ND		423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV10-10.0	**Lab Sample ID:**	1412106-004A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:55	**Certified Clean WO # :**	
Canister/Tube ID:	6128	**Received PSI :**	14.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	12/16/14	1	0.89	3.4	ND	ND		423614	NA
1,4-Dioxane	ETO15	NA	12/16/14	1	1.2	3.6	ND	ND		423614	NA
trans-1,3-Dichloropropene	ETO15	NA	12/16/14	1	0.87	2.3	ND	ND		423614	NA
Toluene	ETO15	NA	12/16/14	1	0.95	1.9	15.7	4.13		423614	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	12/16/14	1	0.85	2.1	ND	ND		423614	NA
cis-1,3-Dichloropropene	ETO15	NA	12/16/14	1	1.1	2.3	ND	ND		423614	NA
Tetrachloroethylene	ETO15	NA	12/16/14	1	0.91	3.4	147	21.62		423614	NA
1,1,2-Trichloroethane	ETO15	NA	12/16/14	1	0.93	2.8	ND	ND		423614	NA
Dibromochloromethane	ETO15	NA	12/16/14	1	1.7	4.3	ND	ND		423614	NA
1,2-Dibromoethane (EDB)	ETO15	NA	12/16/14	1	2.0	7.7	ND	ND		423614	NA
2-Hexanone	ETO15	NA	12/16/14	1	1.1	4.1	ND	ND		423614	NA
Ethyl Benzene	ETO15	NA	12/16/14	1	0.99	2.2	ND	ND		423614	NA
Chlorobenzene	ETO15	NA	12/16/14	1	0.71	2.3	ND	ND		423614	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	12/16/14	1	1.0	3.5	ND	ND		423614	NA
m,p-Xylene	ETO15	NA	12/16/14	1	1.6	4.3	7.57	1.76		423614	NA
o-Xylene	ETO15	NA	12/16/14	1	0.81	2.2	ND	ND		423614	NA
Styrene	ETO15	NA	12/16/14	1	0.69	2.2	ND	ND		423614	NA
Bromoform	ETO15	NA	12/16/14	1	1.1	5.0	ND	ND		423614	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	12/16/14	1	0.70	3.5	ND	ND		423614	NA
4-Ethyl Toluene	ETO15	NA	12/16/14	1	0.82	2.5	ND	ND		423614	NA
1,3,5-Trimethylbenzene	ETO15	NA	12/16/14	1	0.76	2.5	ND	ND		423614	NA
1,2,4-Trimethylbenzene	ETO15	NA	12/16/14	1	0.69	2.5	2.84	0.58		423614	NA
1,4-Dichlorobenzene	ETO15	NA	12/16/14	1	0.65	3.0	ND	ND		423614	NA
1,3-Dichlorobenzene	ETO15	NA	12/16/14	1	0.84	3.0	ND	ND		423614	NA
1,2-Dichlorobenzene	ETO15	NA	12/16/14	1	0.91	3.0	ND	ND		423614	NA
Hexachlorobutadiene	ETO15	NA	12/16/14	1	2.4	5.5	ND	ND		423614	NA
1,2,4-Trichlorobenzene	ETO15	NA	12/16/14	1	3.4	7.4	ND	ND		423614	NA
Naphthalene	ETO15	NA	12/16/14	1	1.5	5.2	ND	ND		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	1	65	135	103 %			423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV11	**Lab Sample ID:**	1412106-005A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:00	**Certified Clean WO # :**	
Canister/Tube ID:	6324	**Received PSI :**	11.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	12/16/14	1.31	2.0	6.6	ND	ND		423614	NA
1,1-Difluoroethane	ETO15	NA	12/16/14	1.31	0.65	1.8	ND	ND		423614	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	12/16/14	1.31	6.5	18	ND	ND		423614	NA
Chloromethane	ETO15	NA	12/16/14	1.31	0.42	1.4	ND	ND		423614	NA
Vinyl Chloride	ETO15	NA	12/16/14	1.31	0.88	3.4	ND	ND		423614	NA
1,3-Butadiene	ETO15	NA	12/16/14	1.31	0.58	1.4	ND	ND		423614	NA
Bromomethane	ETO15	NA	12/16/14	1.31	0.94	2.6	ND	ND		423614	NA
Chloroethane	ETO15	NA	12/16/14	1.31	0.66	1.7	ND	ND		423614	NA
Trichlorofluoromethane	ETO15	NA	12/16/14	1.31	2.4	7.3	ND	ND		423614	NA
1,1-Dichloroethene	ETO15	NA	12/16/14	1.31	0.80	2.6	ND	ND		423614	NA
Freon 113	ETO15	NA	12/16/14	1.31	1.1	5.0	10.1	1.31		423614	NA
Carbon Disulfide	ETO15	NA	12/16/14	1.31	1.1	4.1	ND	ND		423614	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	12/16/14	1.31	1.3	26	ND	ND		423614	NA
Methylene Chloride	ETO15	NA	12/16/14	1.31	0.77	37	ND	ND		423614	NA
Acetone	ETO15	NA	12/16/14	1.31	1.2	25	33.8	14.08		423614	NA
trans-1,2-Dichloroethene	ETO15	NA	12/16/14	1.31	0.84	2.6	ND	ND		423614	NA
Hexane	ETO15	NA	12/16/14	1.31	0.69	2.3	ND	ND		423614	NA
MTBE	ETO15	NA	12/16/14	1.31	1.1	2.4	ND	ND		423614	NA
tert-Butanol	ETO15	NA	12/16/14	1.31	1.2	11	ND	ND		423614	NA
Diisopropyl ether (DIPE)	ETO15	NA	12/16/14	1.31	1.1	2.8	ND	ND		423614	NA
1,1-Dichloroethane	ETO15	NA	12/16/14	1.31	0.99	2.7	ND	ND		423614	NA
ETBE	ETO15	NA	12/16/14	1.31	0.89	2.8	ND	ND		423614	NA
cis-1,2-Dichloroethene	ETO15	NA	12/16/14	1.31	0.70	2.6	ND	ND		423614	NA
Chloroform	ETO15	NA	12/16/14	1.31	1.6	6.4	ND	ND		423614	NA
Vinyl Acetate	ETO15	NA	12/16/14	1.31	0.74	2.3	ND	ND		423614	NA
Carbon Tetrachloride	ETO15	NA	12/16/14	1.31	1.1	4.1	ND	ND		423614	NA
1,1,1-Trichloroethane	ETO15	NA	12/16/14	1.31	1.1	3.6	ND	ND		423614	NA
2-Butanone (MEK)	ETO15	NA	12/16/14	1.31	0.82	2.0	3.58	1.19		423614	NA
Ethyl Acetate	ETO15	NA	12/16/14	1.31	0.97	2.4	ND	ND		423614	NA
Tetrahydrofuran	ETO15	NA	12/16/14	1.31	0.40	2.0	3.14	1.05		423614	NA
Benzene	ETO15	NA	12/16/14	1.31	0.90	2.1	ND	ND		423614	NA
TAME	ETO15	NA	12/16/14	1.31	0.47	2.8	ND	ND		423614	NA
1,2-Dichloroethane (EDC)	ETO15	NA	12/16/14	1.31	1.3	2.7	ND	ND		423614	NA
Trichloroethylene	ETO15	NA	12/16/14	1.31	1.8	7.1	ND	ND		423614	NA
1,2-Dichloropropane	ETO15	NA	12/16/14	1.31	1.7	6.0	ND	ND		423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV11	**Lab Sample ID:**	1412106-005A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:00	**Certified Clean WO # :**	
Canister/Tube ID:	6324	**Received PSI :**	11.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	12/16/14	1.31	1.2	4.4	ND	ND		423614	NA
1,4-Dioxane	ETO15	NA	12/16/14	1.31	1.6	4.7	ND	ND		423614	NA
trans-1,3-Dichloropropene	ETO15	NA	12/16/14	1.31	1.1	2.9	ND	ND		423614	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	12/16/14	1.31	1.1	2.7	54.2	13.22		423614	NA
cis-1,3-Dichloropropene	ETO15	NA	12/16/14	1.31	1.5	2.9	ND	ND		423614	NA
1,1,2-Trichloroethane	ETO15	NA	12/16/14	1.31	1.2	3.6	ND	ND		423614	NA
Dibromochloromethane	ETO15	NA	12/16/14	1.31	2.3	5.6	ND	ND		423614	NA
1,2-Dibromoethane (EDB)	ETO15	NA	12/16/14	1.31	2.7	10	ND	ND		423614	NA
Toluene	ETO15	NA	12/17/14	13.1	12	25	706	185.79		423630	NA
Tetrachloroethylene	ETO15	NA	12/17/14	13.1	12	45	519	76.32		423630	NA
2-Hexanone	ETO15	NA	12/16/14	1.31	1.5	5.4	ND	ND		423614	NA
Chlorobenzene	ETO15	NA	12/16/14	1.31	0.93	3.0	ND	ND		423614	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	12/16/14	1.31	1.4	4.5	ND	ND		423614	NA
Styrene	ETO15	NA	12/16/14	1.31	0.90	2.9	4.32	0.98		423614	NA
Bromoform	ETO15	NA	12/16/14	1.31	1.5	6.6	ND	ND		423614	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	12/16/14	1.31	0.92	4.5	ND	ND		423614	NA
4-Ethyl Toluene	ETO15	NA	12/16/14	1.31	1.1	3.2	ND	ND		423614	NA
1,3,5-Trimethylbenzene	ETO15	NA	12/16/14	1.31	0.99	3.2	18.7	3.82		423614	NA
1,2,4-Trimethylbenzene	ETO15	NA	12/16/14	1.31	0.90	3.2	54.0	11.02		423614	NA
1,4-Dichlorobenzene	ETO15	NA	12/16/14	1.31	0.85	3.9	ND	ND		423614	NA
1,3-Dichlorobenzene	ETO15	NA	12/16/14	1.31	1.1	3.9	ND	ND		423614	NA
1,2-Dichlorobenzene	ETO15	NA	12/16/14	1.31	1.2	3.9	ND	ND		423614	NA
Hexachlorobutadiene	ETO15	NA	12/16/14	1.31	3.2	7.2	ND	ND		423614	NA
1,2,4-Trichlorobenzene	ETO15	NA	12/16/14	1.31	4.4	9.7	ND	ND		423614	NA
Naphthalene	ETO15	NA	12/16/14	1.31	1.9	6.8	ND	ND		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	1.31	65	135	98.3 %			423614	NA
Ethyl Benzene	ETO15	NA	12/17/14	13.1	13	28	1140	265.12		423630	NA
m,p-Xylene	ETO15	NA	12/17/14	13.1	21	56	5660	1,316.28		423630	NA
o-Xylene	ETO15	NA	12/17/14	13.1	11	28	1940	451.16		423630	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/17/14	13.1	65	135	118 %			423630	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV12-5.0	**Lab Sample ID:**	1412106-006A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 15:21	**Certified Clean WO # :**	
Canister/Tube ID:	6107	**Received PSI :**	12.8
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	12/16/14	1.20	1.8	6.0	ND	ND		423614	NA
1,1-Difluoroethane	ETO15	NA	12/16/14	1.20	0.60	1.6	ND	ND		423614	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	12/16/14	1.20	5.9	17	ND	ND		423614	NA
Chloromethane	ETO15	NA	12/16/14	1.20	0.38	1.3	ND	ND		423614	NA
Vinyl Chloride	ETO15	NA	12/16/14	1.20	0.80	3.1	ND	ND		423614	NA
1,3-Butadiene	ETO15	NA	12/16/14	1.20	0.53	1.3	ND	ND		423614	NA
Bromomethane	ETO15	NA	12/16/14	1.20	0.86	2.3	ND	ND		423614	NA
Chloroethane	ETO15	NA	12/16/14	1.20	0.60	1.6	ND	ND		423614	NA
Trichlorofluoromethane	ETO15	NA	12/16/14	1.20	2.2	6.7	ND	ND		423614	NA
1,1-Dichloroethene	ETO15	NA	12/16/14	1.20	0.73	2.4	ND	ND		423614	NA
Freon 113	ETO15	NA	12/16/14	1.20	1.0	4.6	22.8	2.96		423614	NA
Carbon Disulfide	ETO15	NA	12/16/14	1.20	0.97	3.7	ND	ND		423614	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	12/16/14	1.20	1.2	24	ND	ND		423614	NA
Methylene Chloride	ETO15	NA	12/16/14	1.20	0.70	34	ND	ND		423614	NA
Acetone	ETO15	NA	12/16/14	1.20	1.1	23	ND	ND		423614	NA
trans-1,2-Dichloroethene	ETO15	NA	12/16/14	1.20	0.77	2.4	ND	ND		423614	NA
Hexane	ETO15	NA	12/16/14	1.20	0.63	2.1	ND	ND		423614	NA
MTBE	ETO15	NA	12/16/14	1.20	1.0	2.2	ND	ND		423614	NA
tert-Butanol	ETO15	NA	12/16/14	1.20	1.1	10	ND	ND		423614	NA
Diisopropyl ether (DIPE)	ETO15	NA	12/16/14	1.20	1.1	2.5	ND	ND		423614	NA
1,1-Dichloroethane	ETO15	NA	12/16/14	1.20	0.90	2.5	ND	ND		423614	NA
ETBE	ETO15	NA	12/16/14	1.20	0.81	2.5	ND	ND		423614	NA
cis-1,2-Dichloroethene	ETO15	NA	12/16/14	1.20	0.64	2.4	ND	ND		423614	NA
Chloroform	ETO15	NA	12/16/14	1.20	1.5	5.9	ND	ND		423614	NA
Vinyl Acetate	ETO15	NA	12/16/14	1.20	0.68	2.1	ND	ND		423614	NA
Carbon Tetrachloride	ETO15	NA	12/16/14	1.20	1.0	3.8	ND	ND		423614	NA
1,1,1-Trichloroethane	ETO15	NA	12/16/14	1.20	1.0	3.3	ND	ND		423614	NA
2-Butanone (MEK)	ETO15	NA	12/16/14	1.20	0.75	1.8	ND	ND		423614	NA
Ethyl Acetate	ETO15	NA	12/16/14	1.20	0.89	2.2	ND	ND		423614	NA
Tetrahydrofuran	ETO15	NA	12/16/14	1.20	0.36	1.8	ND	ND		423614	NA
Benzene	ETO15	NA	12/16/14	1.20	0.82	1.9	ND	ND		423614	NA
TAME	ETO15	NA	12/16/14	1.20	0.43	2.5	ND	ND		423614	NA
1,2-Dichloroethane (EDC)	ETO15	NA	12/16/14	1.20	1.2	2.5	ND	ND		423614	NA
Trichloroethylene	ETO15	NA	12/16/14	1.20	1.7	6.5	ND	ND		423614	NA
1,2-Dichloropropane	ETO15	NA	12/16/14	1.20	1.6	5.5	ND	ND		423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV12-5.0	**Lab Sample ID:**	1412106-006A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 15:21	**Certified Clean WO # :**	
Canister/Tube ID:	6107	**Received PSI :**	12.8
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	12/16/14	1.20	1.1	4.0	ND	ND		423614	NA
1,4-Dioxane	ETO15	NA	12/16/14	1.20	1.5	4.3	ND	ND		423614	NA
trans-1,3-Dichloropropene	ETO15	NA	12/16/14	1.20	1.0	2.7	ND	ND		423614	NA
Toluene	ETO15	NA	12/16/14	1.20	1.1	2.3	3.97	1.04		423614	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	12/16/14	1.20	1.0	2.5	ND	ND		423614	NA
cis-1,3-Dichloropropene	ETO15	NA	12/16/14	1.20	1.4	2.7	ND	ND		423614	NA
Tetrachloroethylene	ETO15	NA	12/16/14	1.20	1.1	4.1	210	30.88		423614	NA
1,1,2-Trichloroethane	ETO15	NA	12/16/14	1.20	1.1	3.3	ND	ND		423614	NA
Dibromochloromethane	ETO15	NA	12/16/14	1.20	2.1	5.1	ND	ND		423614	NA
1,2-Dibromoethane (EDB)	ETO15	NA	12/16/14	1.20	2.5	9.2	ND	ND		423614	NA
2-Hexanone	ETO15	NA	12/16/14	1.20	1.3	4.9	ND	ND		423614	NA
Ethyl Benzene	ETO15	NA	12/16/14	1.20	1.2	2.6	ND	ND		423614	NA
Chlorobenzene	ETO15	NA	12/16/14	1.20	0.85	2.8	ND	ND		423614	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	12/16/14	1.20	1.2	4.1	ND	ND		423614	NA
m,p-Xylene	ETO15	NA	12/16/14	1.20	1.9	5.2	ND	ND		423614	NA
o-Xylene	ETO15	NA	12/16/14	1.20	0.97	2.6	ND	ND		423614	NA
Styrene	ETO15	NA	12/16/14	1.20	0.83	2.6	ND	ND		423614	NA
Bromoform	ETO15	NA	12/16/14	1.20	1.3	6.0	ND	ND		423614	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	12/16/14	1.20	0.84	4.1	ND	ND		423614	NA
4-Ethyl Toluene	ETO15	NA	12/16/14	1.20	0.98	2.9	ND	ND		423614	NA
1,3,5-Trimethylbenzene	ETO15	NA	12/16/14	1.20	0.91	2.9	ND	ND		423614	NA
1,2,4-Trimethylbenzene	ETO15	NA	12/16/14	1.20	0.83	2.9	ND	ND		423614	NA
1,4-Dichlorobenzene	ETO15	NA	12/16/14	1.20	0.77	3.6	ND	ND		423614	NA
1,3-Dichlorobenzene	ETO15	NA	12/16/14	1.20	1.0	3.6	ND	ND		423614	NA
1,2-Dichlorobenzene	ETO15	NA	12/16/14	1.20	1.1	3.6	ND	ND		423614	NA
Hexachlorobutadiene	ETO15	NA	12/16/14	1.20	2.9	6.6	ND	ND		423614	NA
1,2,4-Trichlorobenzene	ETO15	NA	12/16/14	1.20	4.1	8.9	ND	ND		423614	NA
Naphthalene	ETO15	NA	12/16/14	1.20	1.7	6.2	ND	ND		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	1.20	65	135	102 %			423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV12-10.0	**Lab Sample ID:**	1412106-007A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 15:55	**Certified Clean WO # :**	
Canister/Tube ID:	A7550	**Received PSI :**	12.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	12/16/14	1.22	1.8	6.1	ND	ND		423614	NA
1,1-Difluoroethane	ETO15	NA	12/16/14	1.22	0.61	1.6	ND	ND		423614	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	12/16/14	1.22	6.0	17	ND	ND		423614	NA
Chloromethane	ETO15	NA	12/16/14	1.22	0.39	1.3	ND	ND		423614	NA
Vinyl Chloride	ETO15	NA	12/16/14	1.22	0.82	3.2	ND	ND		423614	NA
1,3-Butadiene	ETO15	NA	12/16/14	1.22	0.54	1.3	ND	ND		423614	NA
Bromomethane	ETO15	NA	12/16/14	1.22	0.88	2.4	ND	ND		423614	NA
Chloroethane	ETO15	NA	12/16/14	1.22	0.61	1.6	ND	ND		423614	NA
Trichlorofluoromethane	ETO15	NA	12/16/14	1.22	2.2	6.8	ND	ND		423614	NA
1,1-Dichloroethene	ETO15	NA	12/16/14	1.22	0.75	2.4	ND	ND		423614	NA
Freon 113	ETO15	NA	12/16/14	1.22	1.0	4.7	29.1	3.78		423614	NA
Carbon Disulfide	ETO15	NA	12/16/14	1.22	0.99	3.8	ND	ND		423614	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	12/16/14	1.22	1.2	24	ND	ND		423614	NA
Methylene Chloride	ETO15	NA	12/16/14	1.22	0.71	34	ND	ND		423614	NA
Acetone	ETO15	NA	12/16/14	1.22	1.1	23	47.8	19.92		423614	NA
trans-1,2-Dichloroethene	ETO15	NA	12/16/14	1.22	0.78	2.4	ND	ND		423614	NA
Hexane	ETO15	NA	12/16/14	1.22	0.64	2.1	ND	ND		423614	NA
MTBE	ETO15	NA	12/16/14	1.22	1.1	2.2	ND	ND		423614	NA
tert-Butanol	ETO15	NA	12/16/14	1.22	1.1	10	ND	ND		423614	NA
Diisopropyl ether (DIPE)	ETO15	NA	12/16/14	1.22	1.1	2.6	ND	ND		423614	NA
1,1-Dichloroethane	ETO15	NA	12/16/14	1.22	0.92	2.5	ND	ND		423614	NA
ETBE	ETO15	NA	12/16/14	1.22	0.83	2.6	ND	ND		423614	NA
cis-1,2-Dichloroethene	ETO15	NA	12/16/14	1.22	0.65	2.4	ND	ND		423614	NA
Chloroform	ETO15	NA	12/16/14	1.22	1.5	6.0	ND	ND		423614	NA
Vinyl Acetate	ETO15	NA	12/16/14	1.22	0.69	2.1	ND	ND		423614	NA
Carbon Tetrachloride	ETO15	NA	12/16/14	1.22	1.1	3.8	ND	ND		423614	NA
1,1,1-Trichloroethane	ETO15	NA	12/16/14	1.22	1.0	3.4	ND	ND		423614	NA
2-Butanone (MEK)	ETO15	NA	12/16/14	1.22	0.77	1.8	3.29	1.10		423614	NA
Ethyl Acetate	ETO15	NA	12/16/14	1.22	0.90	2.2	4.30	1.19		423614	NA
Tetrahydrofuran	ETO15	NA	12/16/14	1.22	0.37	1.8	2.89	0.96		423614	NA
Benzene	ETO15	NA	12/16/14	1.22	0.84	2.0	5.27	1.65		423614	NA
TAME	ETO15	NA	12/16/14	1.22	0.44	2.6	ND	ND		423614	NA
1,2-Dichloroethane (EDC)	ETO15	NA	12/16/14	1.22	1.2	2.5	ND	ND		423614	NA
Trichloroethylene	ETO15	NA	12/16/14	1.22	1.7	6.6	ND	ND		423614	NA
1,2-Dichloropropane	ETO15	NA	12/16/14	1.22	1.6	5.6	ND	ND		423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV12-10.0	**Lab Sample ID:**	1412106-007A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 15:55	**Certified Clean WO # :**	
Canister/Tube ID:	A7550	**Received PSI :**	12.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	12/16/14	1.22	1.1	4.1	ND	ND		423614	NA
1,4-Dioxane	ETO15	NA	12/16/14	1.22	1.5	4.4	ND	ND		423614	NA
trans-1,3-Dichloropropene	ETO15	NA	12/16/14	1.22	1.1	2.7	ND	ND		423614	NA
Toluene	ETO15	NA	12/16/14	1.22	1.2	2.3	55.6	14.63		423614	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	12/16/14	1.22	1.0	2.5	ND	ND		423614	NA
cis-1,3-Dichloropropene	ETO15	NA	12/16/14	1.22	1.4	2.7	ND	ND		423614	NA
Tetrachloroethylene	ETO15	NA	12/16/14	1.22	1.1	4.1	216	31.76		423614	NA
1,1,2-Trichloroethane	ETO15	NA	12/16/14	1.22	1.1	3.4	ND	ND		423614	NA
Dibromochloromethane	ETO15	NA	12/16/14	1.22	2.1	5.2	ND	ND		423614	NA
1,2-Dibromoethane (EDB)	ETO15	NA	12/16/14	1.22	2.5	9.4	ND	ND		423614	NA
2-Hexanone	ETO15	NA	12/16/14	1.22	1.4	5.0	ND	ND		423614	NA
Ethyl Benzene	ETO15	NA	12/16/14	1.22	1.2	2.6	ND	ND		423614	NA
Chlorobenzene	ETO15	NA	12/16/14	1.22	0.87	2.8	ND	ND		423614	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	12/16/14	1.22	1.3	4.2	ND	ND		423614	NA
m,p-Xylene	ETO15	NA	12/16/14	1.22	2.0	5.2	8.50	1.98		423614	NA
o-Xylene	ETO15	NA	12/16/14	1.22	0.99	2.6	ND	ND		423614	NA
Styrene	ETO15	NA	12/16/14	1.22	0.84	2.7	ND	ND		423614	NA
Bromoform	ETO15	NA	12/16/14	1.22	1.4	6.1	ND	ND		423614	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	12/16/14	1.22	0.86	4.2	ND	ND		423614	NA
4-Ethyl Toluene	ETO15	NA	12/16/14	1.22	1.0	3.0	ND	ND		423614	NA
1,3,5-Trimethylbenzene	ETO15	NA	12/16/14	1.22	0.92	3.0	ND	ND		423614	NA
1,2,4-Trimethylbenzene	ETO15	NA	12/16/14	1.22	0.84	3.0	ND	ND		423614	NA
1,4-Dichlorobenzene	ETO15	NA	12/16/14	1.22	0.79	3.7	ND	ND		423614	NA
1,3-Dichlorobenzene	ETO15	NA	12/16/14	1.22	1.0	3.7	ND	ND		423614	NA
1,2-Dichlorobenzene	ETO15	NA	12/16/14	1.22	1.1	3.7	ND	ND		423614	NA
Hexachlorobutadiene	ETO15	NA	12/16/14	1.22	2.9	6.7	ND	ND		423614	NA
1,2,4-Trichlorobenzene	ETO15	NA	12/16/14	1.22	4.1	9.0	ND	ND		423614	NA
Naphthalene	ETO15	NA	12/16/14	1.22	1.8	6.3	ND	ND		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	1.22	65	135	101 %			423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV13	**Lab Sample ID:**	1412106-008A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 16:35	**Certified Clean WO # :**	
Canister/Tube ID:	6333	**Received PSI :**	12.8
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	12/16/14	1.24	1.9	6.2	ND	ND		423614	NA
1,1-Difluoroethane	ETO15	NA	12/16/14	1.24	0.62	1.7	ND	ND		423614	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	12/16/14	1.24	6.1	17	ND	ND		423614	NA
Chloromethane	ETO15	NA	12/16/14	1.24	0.39	1.3	ND	ND		423614	NA
Vinyl Chloride	ETO15	NA	12/16/14	1.24	0.83	3.2	ND	ND		423614	NA
1,3-Butadiene	ETO15	NA	12/16/14	1.24	0.55	1.4	ND	ND		423614	NA
Bromomethane	ETO15	NA	12/16/14	1.24	0.89	2.4	ND	ND		423614	NA
Chloroethane	ETO15	NA	12/16/14	1.24	0.62	1.6	ND	ND		423614	NA
Trichlorofluoromethane	ETO15	NA	12/16/14	1.24	2.2	6.9	ND	ND		423614	NA
1,1-Dichloroethene	ETO15	NA	12/16/14	1.24	0.76	2.5	ND	ND		423614	NA
Freon 113	ETO15	NA	12/16/14	1.24	1.1	4.8	ND	ND		423614	NA
Carbon Disulfide	ETO15	NA	12/16/14	1.24	1.0	3.8	ND	ND		423614	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	12/16/14	1.24	1.2	25	ND	ND		423614	NA
Methylene Chloride	ETO15	NA	12/16/14	1.24	0.72	35	ND	ND		423614	NA
Acetone	ETO15	NA	12/16/14	1.24	1.1	24	43.2	18.00		423614	NA
trans-1,2-Dichloroethene	ETO15	NA	12/16/14	1.24	0.79	2.5	ND	ND		423614	NA
Hexane	ETO15	NA	12/16/14	1.24	0.65	2.2	2.78	0.79		423614	NA
MTBE	ETO15	NA	12/16/14	1.24	1.1	2.2	ND	ND		423614	NA
tert-Butanol	ETO15	NA	12/16/14	1.24	1.1	10	ND	ND		423614	NA
Diisopropyl ether (DIPE)	ETO15	NA	12/16/14	1.24	1.1	2.6	ND	ND		423614	NA
1,1-Dichloroethane	ETO15	NA	12/16/14	1.24	0.93	2.5	ND	ND		423614	NA
ETBE	ETO15	NA	12/16/14	1.24	0.84	2.6	ND	ND		423614	NA
cis-1,2-Dichloroethene	ETO15	NA	12/16/14	1.24	0.67	2.5	ND	ND		423614	NA
Chloroform	ETO15	NA	12/16/14	1.24	1.5	6.1	ND	ND		423614	NA
Vinyl Acetate	ETO15	NA	12/16/14	1.24	0.70	2.2	ND	ND		423614	NA
Carbon Tetrachloride	ETO15	NA	12/16/14	1.24	1.1	3.9	ND	ND		423614	NA
1,1,1-Trichloroethane	ETO15	NA	12/16/14	1.24	1.1	3.4	ND	ND		423614	NA
2-Butanone (MEK)	ETO15	NA	12/16/14	1.24	0.78	1.9	3.91	1.30		423614	NA
Ethyl Acetate	ETO15	NA	12/16/14	1.24	0.92	2.2	7.10	1.97		423614	NA
Tetrahydrofuran	ETO15	NA	12/16/14	1.24	0.37	1.9	7.96	2.65		423614	NA
Benzene	ETO15	NA	12/16/14	1.24	0.85	2.0	5.83	1.82		423614	NA
TAME	ETO15	NA	12/16/14	1.24	0.45	2.6	ND	ND		423614	NA
1,2-Dichloroethane (EDC)	ETO15	NA	12/16/14	1.24	1.2	2.5	ND	ND		423614	NA
Trichloroethylene	ETO15	NA	12/16/14	1.24	1.7	6.7	ND	ND		423614	NA
1,2-Dichloropropane	ETO15	NA	12/16/14	1.24	1.6	5.7	ND	ND		423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV13	**Lab Sample ID:**	1412106-008A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 16:35	**Certified Clean WO # :**	
Canister/Tube ID:	6333	**Received PSI :**	12.8
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St. Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	12/16/14	1.24	1.1	4.2	ND	ND		423614	NA
1,4-Dioxane	ETO15	NA	12/16/14	1.24	1.5	4.5	ND	ND		423614	NA
trans-1,3-Dichloropropene	ETO15	NA	12/16/14	1.24	1.1	2.8	ND	ND		423614	NA
Toluene	ETO15	NA	12/16/14	1.24	1.2	2.4	84.5	22.24		423614	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	12/16/14	1.24	1.1	2.5	ND	ND		423614	NA
cis-1,3-Dichloropropene	ETO15	NA	12/16/14	1.24	1.4	2.8	ND	ND		423614	NA
Tetrachloroethylene	ETO15	NA	12/16/14	1.24	1.1	4.2	ND	ND		423614	NA
1,1,2-Trichloroethane	ETO15	NA	12/16/14	1.24	1.2	3.4	ND	ND		423614	NA
Dibromochloromethane	ETO15	NA	12/16/14	1.24	2.2	5.3	ND	ND		423614	NA
1,2-Dibromoethane (EDB)	ETO15	NA	12/16/14	1.24	2.5	9.5	ND	ND		423614	NA
2-Hexanone	ETO15	NA	12/16/14	1.24	1.4	5.1	ND	ND		423614	NA
Ethyl Benzene	ETO15	NA	12/16/14	1.24	1.2	2.7	5.81	1.35		423614	NA
Chlorobenzene	ETO15	NA	12/16/14	1.24	0.88	2.9	ND	ND		423614	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	12/16/14	1.24	1.3	4.3	ND	ND		423614	NA
m,p-Xylene	ETO15	NA	12/16/14	1.24	2.0	5.3	22.7	5.28		423614	NA
o-Xylene	ETO15	NA	12/16/14	1.24	1.0	2.7	5.23	1.22		423614	NA
Styrene	ETO15	NA	12/16/14	1.24	0.85	2.7	ND	ND		423614	NA
Bromoform	ETO15	NA	12/16/14	1.24	1.4	6.2	ND	ND		423614	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	12/16/14	1.24	0.87	4.3	ND	ND		423614	NA
4-Ethyl Toluene	ETO15	NA	12/16/14	1.24	1.0	3.0	ND	ND		423614	NA
1,3,5-Trimethylbenzene	ETO15	NA	12/16/14	1.24	0.94	3.0	ND	ND		423614	NA
1,2,4-Trimethylbenzene	ETO15	NA	12/16/14	1.24	0.85	3.0	ND	ND		423614	NA
1,4-Dichlorobenzene	ETO15	NA	12/16/14	1.24	0.80	3.7	ND	ND		423614	NA
1,3-Dichlorobenzene	ETO15	NA	12/16/14	1.24	1.0	3.7	ND	ND		423614	NA
1,2-Dichlorobenzene	ETO15	NA	12/16/14	1.24	1.1	3.7	ND	ND		423614	NA
Hexachlorobutadiene	ETO15	NA	12/16/14	1.24	3.0	6.8	ND	ND		423614	NA
1,2,4-Trichlorobenzene	ETO15	NA	12/16/14	1.24	4.2	9.2	ND	ND		423614	NA
Naphthalene	ETO15	NA	12/16/14	1.24	1.8	6.4	ND	ND		423614	NA
(S) 4-Bromofluorobenzene	ETO15	NA	12/16/14	1.24	65	135	101 %			423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV8-Shroud	**Lab Sample ID:**	1412106-009A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 13:24	**Certified Clean WO # :**	
Canister/Tube ID:	A7472	**Received PSI :**	13.5
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St., Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	12/16/14	5000	2.5	140	7160	2,651.85	E	423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV9-Shroud	**Lab Sample ID:**	1412106-010A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 12:57	**Certified Clean WO # :**	
Canister/Tube ID:	6118	**Received PSI :**	13.6
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St., Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	12/16/14	5000	2.5	140	6710	2,485.19	E	423614	NA

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV10-5.0-Shroud	**Lab Sample ID:**	1412106-011A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:28	**Certified Clean WO # :**	
Canister/Tube ID:	6335	**Received PSI :**	12.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St., Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	12/16/14	5000	2.5	140	5400	2,000.00	E	423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV10-10.0-Shroud	**Lab Sample ID:**	1412106-012A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:55	**Certified Clean WO # :**	
Canister/Tube ID:	A7459	**Received PSI :**	13.4
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St., Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	12/16/14	5000	2.5	140	5520	2,044.44	E	423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV11-Shroud	**Lab Sample ID:**	1412106-013A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 14:00	**Certified Clean WO # :**	
Canister/Tube ID:	A7546	**Received PSI :**	12.7
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St., Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	12/16/14	5000	2.5	140	6460	2,392.59	E	423614	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV12-5.0-Shroud	**Lab Sample ID:**	1412106-014A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 15:15	**Certified Clean WO # :**	
Canister/Tube ID:	6325	**Received PSI :**	13.5
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St., Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	12/16/14	5000	2.5	140	29500	10,925.93	E	423614	NA

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV12-10.0-Shroud	**Lab Sample ID:**	1412106-015A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 15:15	**Certified Clean WO # :**	
Canister/Tube ID:	A7563	**Received PSI :**	14.4
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St., Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	12/16/14	10000	5.0	270	13300	4,925.93	E	423614	NA

SAMPLE RESULTS

Report prepared for: Kyle Flory
PES Environmental, Inc

Date Received: 12/16/14
Date Reported: 12/17/14

Client Sample ID:	SV13-Shroud	**Lab Sample ID:**	1412106-016A
Project Name/Location:	22330 Main St., Hayward	**Sample Matrix:**	Air
Project Number:	1440.002.01.007		
Date/Time Sampled:	12/16/14 / 16:35	**Certified Clean WO # :**	
Canister/Tube ID:	6125	**Received PSI :**	13.8
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	22330 Main St., Hayward		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL mg/m3	PQL mg/m3	Results mg/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
1,1-Difluoroethane	ETO15	NA	12/16/14	10000	5.0	270	12100	4,481.48	E	423614	NA

MB Summary Report

Work Order:	1412106	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	12/16/14	**Analytical Batch:**	423614
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.30	1.00	ND	
1,1-Difluoroethane	0.18	10.0	ND	
1,2-Dichlorotetrafluoroethane	0.70	2.00	ND	
Chloromethane	0.15	0.500	ND	
Vinyl Chloride	0.26	1.00	ND	
1,3-Butadiene	0.20	0.500	ND	
Bromomethane	0.18	0.500	ND	
Chloroethane	0.19	0.500	ND	
Trichlorofluoromethane	0.32	1.00	ND	
1,1-Dichloroethene	0.15	0.500	ND	
Freon 113	0.11	0.500	ND	
Carbon Disulfide	0.26	1.00	ND	
2-Propanol (Isopropyl Alcohol)	0.39	8.00	ND	
Methylene Chloride	0.17	8.00	ND	
Acetone	0.37	8.00	ND	
trans-1,2-Dichloroethene	0.16	0.500	ND	
Hexane	0.15	0.500	ND	
MTBE	0.24	0.500	ND	
tert-Butanol	0.22	2.00	ND	
Diisopropyl ether (DIPE)	0.21	0.500	ND	
1,1-Dichloroethane	0.18	0.500	ND	
ETBE	0.16	0.500	ND	
cis-1,2-Dichloroethene	0.13	0.500	ND	
Chloroform	0.25	1.00	ND	
Vinyl Acetate	0.16	0.500	ND	
Carbon Tetrachloride	0.14	0.500	ND	
1,1,1-Trichloroethane	0.15	0.500	ND	
2-Butanone (MEK)	0.21	0.500	ND	
Ethyl Acetate	0.21	0.500	ND	
Tetrahydrofuran	0.10	0.500	ND	
Benzene	0.21	0.500	ND	
TAME	0.086	0.500	ND	
1,2-Dichloroethane (EDC)	0.24	0.500	ND	
Trichloroethylene	0.26	1.00	ND	
1,2-Dichloropropane	0.29	1.00	ND	
Bromodichloromethane	0.13	0.500	ND	
1,4-Dioxane	0.35	1.00	ND	
trans-1,3-Dichloropropene	0.19	0.500	ND	
Toluene	0.25	0.500	ND	
4-Methyl-2-Pentanone (MIBK)	0.21	0.500	ND	
cis-1,3-Dichloropropene	0.25	0.500	ND	

MB Summary Report

Work Order:	1412106	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	12/16/14	**Analytical Batch:**	423614
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.13	0.500	ND	
1,1,2-Trichloroethane	0.17	0.500	ND	
Dibromochloromethane	0.20	0.500	ND	
1,2-Dibromoethane (EDB)	0.27	1.00	ND	
2-Hexanone	0.27	1.00	ND	
Ethyl Benzene	0.23	0.500	ND	
Chlorobenzene	0.15	0.500	ND	
1,1,1,2-Tetrachloroethane	0.15	0.500	ND	
m,p-Xylene	0.38	1.00	ND	
o-Xylene	0.19	0.500	ND	
Styrene	0.16	0.500	ND	
Bromoform	0.11	0.500	ND	
1,1,2,2-Tetrachloroethane	0.10	0.500	ND	
4-Ethyl Toluene	0.17	0.500	ND	
1,3,5-Trimethylbenzene	0.15	0.500	ND	
1,2,4-Trimethylbenzene	0.14	0.500	ND	
1,4-Dichlorobenzene	0.11	0.500	ND	
1,3-Dichlorobenzene	0.14	0.500	ND	
1,2-Dichlorobenzene	0.15	0.500	ND	
Hexachlorobutadiene	0.22	0.500	ND	
1,2,4-Trichlorobenzene	0.46	1.00	ND	
Naphthalene	0.28	1.00	ND	
(S) 4-Bromofluorobenzene			107	

MB Summary Report

Work Order:	1412106	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	12/17/14	**Analytical Batch:**	423630
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.30	1.00	ND	
1,1-Difluoroethane	0.18	10.0	ND	
1,2-Dichlorotetrafluoroethane	0.70	2.00	ND	
Chloromethane	0.15	0.500	ND	
Vinyl Chloride	0.26	1.00	ND	
1,3-Butadiene	0.20	0.500	ND	
Bromomethane	0.18	0.500	ND	
Chloroethane	0.19	0.500	ND	
Trichlorofluoromethane	0.32	1.00	ND	
1,1-Dichloroethene	0.15	0.500	ND	
Freon 113	0.11	0.500	ND	
Carbon Disulfide	0.26	1.00	ND	
2-Propanol (Isopropyl Alcohol)	0.39	8.00	ND	
Methylene Chloride	0.17	8.00	ND	
Acetone	0.37	8.00	ND	
trans-1,2-Dichloroethene	0.16	0.500	ND	
Hexane	0.15	0.500	ND	
MTBE	0.24	0.500	ND	
tert-Butanol	0.22	2.00	ND	
Diisopropyl ether (DIPE)	0.21	0.500	ND	
1,1-Dichloroethane	0.18	0.500	ND	
ETBE	0.16	0.500	ND	
cis-1,2-Dichloroethene	0.13	0.500	ND	
Chloroform	0.25	1.00	ND	
Vinyl Acetate	0.16	0.500	ND	
Carbon Tetrachloride	0.14	0.500	ND	
1,1,1-Trichloroethane	0.15	0.500	ND	
2-Butanone (MEK)	0.21	0.500	ND	
Ethyl Acetate	0.21	0.500	ND	
Tetrahydrofuran	0.10	0.500	ND	
Benzene	0.21	0.500	ND	
TAME	0.086	0.500	ND	
1,2-Dichloroethane (EDC)	0.24	0.500	ND	
Trichloroethylene	0.26	1.00	ND	
1,2-Dichloropropane	0.29	1.00	ND	
Bromodichloromethane	0.13	0.500	ND	
1,4-Dioxane	0.35	1.00	ND	
trans-1,3-Dichloropropene	0.19	0.500	ND	
Toluene	0.25	0.500	ND	
4-Methyl-2-Pentanone (MIBK)	0.21	0.500	ND	
cis-1,3-Dichloropropene	0.25	0.500	ND	

MB Summary Report

Work Order:	1412106	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	12/17/14	**Analytical Batch:**	423630
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.13	0.500	ND	
1,1,2-Trichloroethane	0.17	0.500	ND	
Dibromochloromethane	0.20	0.500	ND	
1,2-Dibromoethane (EDB)	0.27	1.00	ND	
2-Hexanone	0.27	1.00	ND	
Ethyl Benzene	0.23	0.500	ND	
Chlorobenzene	0.15	0.500	ND	
1,1,1,2-Tetrachloroethane	0.15	0.500	ND	
m,p-Xylene	0.38	1.00	ND	
o-Xylene	0.19	0.500	ND	
Styrene	0.16	0.500	ND	
Bromoform	0.11	0.500	ND	
1,1,2,2-Tetrachloroethane	0.10	0.500	ND	
4-Ethyl Toluene	0.17	0.500	ND	
1,3,5-Trimethylbenzene	0.15	0.500	ND	
1,2,4-Trimethylbenzene	0.14	0.500	ND	
1,4-Dichlorobenzene	0.11	0.500	ND	
1,3-Dichlorobenzene	0.14	0.500	ND	
1,2-Dichlorobenzene	0.15	0.500	ND	
Hexachlorobutadiene	0.22	0.500	ND	
1,2,4-Trichlorobenzene	0.46	1.00	ND	
Naphthalene	0.28	1.00	ND	
(S) 4-Bromofluorobenzene			115	

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1412106	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	12/16/14	**Analytical Batch:**	423614
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.15	0.500	ND	20	105	103	2.60	65 - 135	30	
Benzene	0.21	0.500	ND	20	98.1	101	3.41	65 - 135	30	
Trichloroethylene	0.26	1.00	ND	20	102	102	0.295	65 - 135	30	
Toluene	0.25	0.500	ND	20	105	108	2.58	65 - 135	30	
Chlorobenzene	0.15	0.500	ND	20	90.9	93.5	2.77	65 - 135	30	
(S) 4-Bromofluorobenzene			ND	20	95.0	100		65 - 135		

Work Order:	1412106	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	12/17/14	**Analytical Batch:**	423630
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.15	0.500	ND	20	109	103	5.05	65 - 135	30	
Benzene	0.21	0.500	ND	20	102	96.3	5.55	65 - 135	30	
Trichloroethylene	0.26	1.00	ND	20	135	104	26.0	65 - 135	30	
Toluene	0.25	0.500	ND	20	113	116	3.32	65 - 135	30	
Chlorobenzene	0.15	0.500	ND	20	114	108	5.72	65 - 135	30	
(S) 4-Bromofluorobenzene			ND	20	110	100		65 - 135		

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 (PQL) - 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 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 anlayte 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
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: 22330 Main St., Hayward

Work Order No.: 1412106

Date and Time Received: 12/16/2014 18:30

Received By: ke

Physically Logged By: ke

Checklist Completed By: ke

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?	Temperature: 0 °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A

pH Checked by: na

pH Adjusted by: na

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

1412104

1682 NOVATO BOULEVARD, SUITE 100
NOVATO, CALIFORNIA 94947
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent
JOB NUMBER: 1440.002.01.007
NAME / LOCATION: B+A PD / 22330 Main St. Hayward CA
PROJECT MANAGER: K. Flory

SAMPLERS: M. Eddy
RECORDER: M. Eddy

DATE YR	MO	DY	Start TIME	Stop TIME	SAMPLE NUMBER / DESIGNATION	MATRIX Vapor	Water	Soil	Sedim't	" Hg Before	" Hg After	# of Containers & Preservatives: Unpres.	EnCore	H_2SO_4	HNO_3	HCl	unpres	DEPTH IN FEET	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 EPA TO15 1,1 DFA	
14	12	16	1320	1324	S V 8					-29"	-4"	X															X	001A
			1246	1257	S V 9					-29"	-4"																	002A
			1423	1428	S V 10-5.0					-28"	-3"																	003A
			1447	1455	S V 10-10.0					-30"	-4"																	004A
			1352	1400	S V 11					-28"	-4"																	005A
			1515	1521	S V 12-5.0					-30"	-3"																	006A
			1549	1555	S V 12-10.0					-28"	-4"																	007A
			1625	1635	S V 13					-26"	-4"																	008A
			1320	1324	S V 9-Shroud					-30"	-2"																X	009A
			1246	1257	S V 9-Shroud					-29"	-2"																	010A
			1423	1428	S V 10-5.0-Shroud					-28"	-3"																	011A
			1447	1455	S V 10-10.0 Shroud					-30"	-2"																	012A

RUSH 1 DAY

NOTES

Turn Around Time: 24 hr TAT

Page _____ of _____

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
[signature]	Ross Falchetta	12/16	1730
RELINQUISHED BY: (Signature) Ross Falchetta	RECEIVED BY: (Signature) Kasme [signature]	12/16	1830
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:

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

REC KE LI KE LBL KE LIR

FCS

Torrent LABORATORY, INC.

PES Environmental, Inc.
Engineering & Environmental Services

CHAIN OF CUSTODY RECORD

1412106

1682 NOVATO BOULEVARD, SUITE 100
NOVATO, CALIFORNIA 94947
(415) 899-1600 FAX (415) 899-1601

LABORATORY: Torrent
JOB NUMBER: 1440.002.01.007
NAME / LOCATION: BHAPD / 22370 Main St Hayward CA
PROJECT MANAGER: K. Flory

SAMPLERS: M. Eddy
RECORDER: M. Eddy

DATE YR	MO	DY	Start TIME	Stop TIME	SAMPLE NUMBER / DESIGNATION	MATRIX Vapor	Water	Soil	Sedim't	"Hg Before	"Hg After	# of Containers & Preservatives Unpres.	EnCore	H_2SO_4	HNO_3	HCl	DEPTH IN FEET	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)	1,1 DFA		
14	12	16	1352	1400	SV11-Shroud					-28"	-4"	X													X	1,1 DFA		013A
			1515	1524	SV12-5.0-Shroud					~~-30"~~ -28"	~~-3"~~ -2"																	014A
			1548	1575	SV12-10.0-Shroud					-28"	0"																	015A
			1625	1635	SV13-Shroud					-27"	0"																	016A

ANALYSIS REQUESTED

RUSH 1 DAY

NOTES
Turn Around Time: 24 hr TAT
Page ____ of ____

CHAIN OF CUSTODY RECORD			
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature) Ross Falchitta	DATE 12/16	TIME 1730
RELINQUISHED BY: (Signature) Ross Falchitta	RECEIVED BY: (Signature) Kathie Eiß	DATE 12/16/14	TIME 18:30
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:			

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

REC KE LI KE LBL KE LIR

Torrent LABORATORY, INC.

Rush Turnaround Services REQUEST FORM

Same Day • 24 Hrs • 48 Hrs • 72 Hrs
Torrent Express™

Confirmation Number |

Date | 12/16/14

Company | PES Environmental

Ordered By | Kyle Flory

Email | xxxxxxxxxxxxxxxxxxxxx
(for Rush report)

For Torrent Lab Use Only

Project Name | xxxxxxxxxxxxxxx

Project Number | xxxxxxxxxxxxxx

Order ID | 1412106

Order Taken By | xxxxxxxxxxxxxxx

Accounting |

Project Details

TAT Requested
(please check one)

- ☐ Same Day (2-8 Hours)
- ☑ One Day → ☐ Noon
- ☐ 2 Day → ☐ Noon
- ☐ 3 Day → ☐ Noon
- ☐ 4 Day → ☐ Noon

Number of Samples | 16

Matrix | Air
(i.e., sample type: Is your sample soil, water, etc?)

Analysis | 8 samples for TO15, 8 samples for 1,1-DFA

☐ Weekend work required (refer to chart below for respective surcharge)

This request form may be a courtesy notice which reflects the rush services requested on the chain-of-custody. Please contact *Torrent Express*™ project management immediately at pm@torrentlab.com with the subject line "Rush TAT Cancellation" if you do not want the analysis(es) to proceed. **Cancellation of a *Torrent Express*™ service may be subject to a cancellation fee.**

In order to facilitate processing and scheduling, please notify Torrent Laboratory at least 24 hours in advance for any *Torrent Express*™ service.

Sample(s) must be received or scheduled for pick-up before 5:00 pm in order to be processed that day; all samples received after 5:00 pm will be processed the following day.

All *Torrent Express*™ Same Day and Next Day rush services will be charged a $250.00 minimum (excluding certain fees) plus the respective surcharge(s); all other *Torrent Express*™ rush services will be charged a $150.00 minimum (excluding certain fees) plus the respective surcharge(s).

The following table briefly describes Torrent Laboratory's *Torrent Express*™ surcharge pricing structure, please refer to your company specific price list for the precise surcharges.

	Same Day	Next Day*	2 Day*	3 Day*	4 Day*
Regular Rush	300%	150%	75%	50%	37.5%
Noon	–	200%	100%	62.5%	50%
Weekend	300%	300%	–	–	–

*business day(s)

483 Sinclair Frontage Rd., Milpitas, CA 95035 | tel: 408.263.5258 | fax: 408.263.8293 | www.torrentlab.com

DISTRIBUTION

SUBSURFACE INVESTIGATION REPORT
PARCEL 428-61-1
22330 MAIN STREET
HAYWARD, CALIFORNIA

AUGUST 6, 2015

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