Apex Companies, LLC
3478 Buskirk Avenue, Suite 100 • Pleasant Hill, CA 94523
P: (925) 944-2856 • F: (925) 944-2859

March 23, 2017

Jessica De Wit
First Community Housing, Inc.
75 East Santa Clara Street, Suite 1300
San Jose, CA 95113

Subject: **Phase II Groundwater and Soil Vapor Investigation**
699 West San Carlos Street, San Jose, California

Dear Ms. De Wit:

The Source Group, Inc., a subsidiary of Apex Companies, LLC (Apex), is pleased to submit this Phase II Groundwater and Soil Vapor Investigation report to First Community Housing, Inc. for the property located at 699 West San Carlos Street, in San Jose, California (Subject Property or Site; Figure 1 and Figure 2).

The scope of work described herein was based on the results of a Phase I Environmental Site Assessment (Phase I ESA) prepared for the Subject Property by Apex, in order to assess the potential presence of impacted groundwater, soil, and/or soil vapors migrating beneath the Site from nearby facilities.

BACKGROUND

The Subject Property consists of approximately 1.0 acre of land at the northeast corner of the intersection of West San Carlos Street and McEvoy Street in a mixed residential and commercial land use area. The Subject Property is bordered by McEvoy Street to the west, commercial property to the north, West San Carlos Street to the south, and Dupont Street to the east. The southern portion of the Subject Property is developed with a two-story commercial building used for office space and welding operations, a single-story storage building and storage shed occupy the central portion of the site, and a paved yard area occupies the northern portion of the site.

Apex's review of available historic information indicates that the Subject Property appears to have been first developed as early as the 1890s (comprised of a hay warehouse and railroad tracks). The site was then developed with residences in the early 1900s and continued through the early 1980s, when the homes were demolished to allow for construction of the existing buildings on the site. Apex did not identify historic Site activities that would be considered a recognized environmental condition (REC).

Properties in the vicinity of the Subject Property have been used for mixed residential and commercial purposes since the 1930s. Notable operations on surrounding properties include used car sales, radio equipment company, Challenge Cream and Butter, an iron works, pump and supply company, gas station, auto wreckers, and Dupont Packing Corporation.

Based on information available on the California State Water Quality Control Board's Geotracker database, in 2015, an 18,800-gallon redwood-constructed fuel oil underground storage tank (UST) was discovered in the northeast area of located at 740 West San Carlos Street, approximately 150 feet south of the Subject Property. During subsequent investigations at this site, a second redwood-constructed fuel-oil UST of similar size was discovered approximately 30 feet west of the initial UST. Free-phase product was identified at the site at depths of approximately 12 to 23 feet below ground surface (bgs). Additionally, free-phase product and soil and groundwater impacts were also discovered in the vicinity of a former 5,000-gallon gasoline UST located in the central portion of this property. Subsurface investigations indicate that soil, soil vapor, and groundwater are all impacted by total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs). Groundwater flow direction is assumed to be to the north/northeast, towards the Subject Property.

Based on the elevated levels of contamination and unknown extent of soil vapor and groundwater impacts at 740 West San Carlos Street Apex recommended advancing two borings along the southern side of the Subject Property to collect groundwater and soil vapor samples. Apex recommended that samples collected from the borings be analyzed for constituents consistent with those identified on the 740 West San Carlos Street property.

SCOPE OF WORK

Preliminary Field Activities

Prior to initiation of field activities, Apex prepared a Site-specific Health and Safety Plan (HASP) describing safe work practices. A Site visit was then performed to mark the location of proposed drilling locations at the Site. Underground Service Alert (USA) was then notified 3-days in advance of drilling activities. Apex retained Subdynamic, a private utility contractor, to conduct a utility clearance survey on March 9, 2018. A copy of the utility locating field report is included as Attachment A.

No drilling permits were required for this scope of work.

Grab Groundwater and Soil Vapor Sampling

On March 9, 2018, under the oversight of Apex, Penecore Drilling, a C-57-licensed drilling contractor, advanced four soil borings (SB-1, SB-2, VP-1, and VP-2) at the Site to allow for the collection of grab groundwater and soil vapor samples for chemical analysis using a direct-push drilling rig.

A total of four borings were installed at two locations, as shown on Figure 2. At each location a boring for the shallow soil vapor probe was installed first to a depth of approximately 7 feet bgs, and a second boring for the collection of groundwater was advanced 3 to 5 feet away from the original borehole to a depth of approximately 30 feet bgs. Each boring was hand cleared with a 3.25-inch diameter hand auger to a depth of 5 feet below ground surface (bgs) to clear any subsurface obstructions. Continuous core soil samples were obtained from each borehole and the soil cores were logged in the field for lithology, moisture, and signs of impacts using Unified Soil Classification System. The soil cores were also field-screened for VOCs using a hand-held photo-ionization detector (PID). Soil boring logs are included as Attachment B.

Soils encountered in the borings were generally fine-grained, consisting of sandy silt and sandy clay with trace gravels. Groundwater was first encountered in the sandy silt at depths between19 to 20 feet bgs in the two deep borings.

No field indicators of impacts were observed in the soil cores; therefore, no soil samples were retained for laboratory analysis.

Groundwater Sampling

Grab groundwater samples were collected using a temporary five-foot long ¾-inch diameter PVC well screen and blank casing placed in each deep borehole and retrieved using disposable bailers. Groundwater samples were decanted into analysis-specific laboratory-supplied containers, labeled, placed on ice in an insulated cooler and handled under standard chain of custody (COC) procedures for delivery to Torrent Laboratory, Inc. of Milpitas, California, a California-certified analytical laboratory. The grab groundwater samples were analyzed for TPH as diesel (TPHd) and motor oil (TPHmo) United States Environmental Protection Agency (USEPA) Methods 8015M, and for TPH as gasoline (TPHg) and VOCs by USEPA Methods 8260B.

Soil Vapor Sampling

The temporary vapor probes, consisting of a 1-inch long stainless-steel mesh screen attached to 0.25-inch Teflon® tubing were installed at a depth of approximately 6.5 feet bgs and #2/12 Monterey sand was placed around the probe to 6 feet. Approximately 1-foot of dry granular bentonite was then placed on top of the sand pack, followed by neat cement grout to the surface.

Soil vapor samples were collected after allowing the temporary vapor probes to equilibrate for approximately 2 hours. After performing the leak check and purging as described below, soil vapor samples were collected using laboratory supplied 1-liter summa cannisters equipped with flow regulators calibrated to 150 milliliters per minute. Soil vapor samples were labeled, and handled under standard COC procedures for delivery to Torrent Laboratory, Inc. of Milpitas, California, a California certified analytical laboratory. The soil vapor samples were analyzed for TPHg and VOCs by USEPA Method TO-15.

Upon completion of sampling, the temporary vapor probes were abandoned in accordance Department of Toxic Substances Control's (DTSC) *Advisory – Active Soil Gas Investigations* (Advisory) document dated July 2015 guidelines.

Leak Testing

Leak testing was conducted to evaluate whether an adequate seal had been established in the sampling train, ground surface, and soil vapor probe boring to ensure that soil vapor samples were not being diluted by infiltrating ambient air.

A shut-in test was conducted on surface components of the sampling train to check for leaks prior to purging or sampling from each of the soil vapor probes. The above-ground sampling apparatus was assembled and attached to a soil vapor sampling probe, and a vacuum applied to the sampling train. A vacuum of approximately 100 inches of water column (in-H2O; or 7.3 inches of mercury [in-Hg]) was applied to evacuate the lines of the sample train. The sampling train remained under vacuum for approximately one minute to assess whether there was any loss of vacuum.

Tracer testing was conducted at each probe location to check for communication between the ground surface and the sampling implant at depth. A cloth towel and/or cotton balls saturated with the 1,1-difluoroethane tracer compound was placed at the ground surface adjacent to the soil vapor probe tubing to evaluate if ambient air had broken through the well seal (or sampling apparatus seals) during sample collection.

Purge Volume Calculation

Purging is required to remove ambient air from, and induce the flow of in-situ soil vapor into, the sample train. In accordance with the DTSC Advisory, no purge volume test was conducted during the proposed assessment activities. Instead, a standard purge of three pore volumes was used for each sampling point. The purge volume was calculated using standard methods outlined in the guidance which account for the borehole diameter, well construction material porosity, and the tubing diameter and length. The probes were purged at a flow-rate of 150 milliliters per minute.

Management of Investigation Derived Waste

Investigation-derived waste (IDW) generated during this project including soil cuttings were stored in UN-rated, 55-gallon drums. We anticipate the IDW will be disposed as non-hazardous waste under bill of lading or manifest signed by the appropriate generator.

ANALYTICAL RESULTS

A summary of the analytical results for grab groundwater and soil vapor samples collected during this investigation are presented in Table 1 and Table 2, and discussed below. Analytical results were compared with applicable risk-based regulatory screening levels, which are the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs; SFRWQCB, 2016). Copies of the laboratory analytical reports are included as Attachment C.

Groundwater Analytical Results

Grab groundwater analytical results are summarized on Table 1. Results were compared to the SFRWQCB ESLs for groundwater direct exposure and for residential vapor intrusion and are as follows:

- TPHd was detected in the sample collected from SB-1 at a concentration of 146 micrograms per liter (µg/l); and
- No other compounds were detected.

The reported concentrations for TPHd did not exceed applicable groundwater screening levels for direct exposure or residential vapor intrusion.

Soil Vapor Analytical Results

Soil vapor analytical results are summarized on Table 2. The reported concentrations for VOCs in soil vapor did not exceed the SFRWQCB ESLs for soil gas residential vapor intrusion.

- Benzene was detected in both SV-1 and SV-2 with a maximum concentration of 4.5 micrograms per cubic meter (µg/m^3);
- Toluene was detected in both SV-1 and SV-2 with a maximum concentration of 9.4 µg/m^3;
- Ethylbenzene was detected in both SV-1 and SV-2 with a maximum concentration of 30 µg/m^3;
- m,p-xylene was detected in both SV-1 and SV-2 with a maximum concentration of150 µg/m^3;
- O-xylene was detected in both SV-1 and SV-2 with a maximum concentration of 81µg/m^3;

- Methyl-tert-butyl ether (MTBE) was detected in both SV-1 and SV-2 at a maximum concentration of 3.9 µg/m^3;
- Naphthalene was detected in both SV-1 and SV-2 at a maximum concentration of 4.3 µg/m^3;
- Tetrachloroethene (PCE) was detected in both SV-1 and SV-2 at a maximum concentration of 8.7 µg/m^3;
- Acetone was detected in both SV-1 and SV-2 at a maximum concentration of 40 µg/m^3;
- Carbon disulfide was detected in SV-1 at concentration of 2 µg/m^3;
- Hexane was detected in both SV-1 and SV-2 at a maximum concentration of 10 µg/m^3;
- 1,3,5 Trimethylbenzene was detected in both SV-1 and SV-2 at a maximum concentration of 6 µg/m^3;
- 1,2,4 Trimethylbenzene was detected in both SV-1 and SV-2 at a maximum concentration of 19 µg/m^3;
- 4-Ethyl toluene was detected in both SV-1 and SV-2 at a maximum concentration of 5 µg/m^3;
- Methyl isobutyl ketone was detected in VP-1 at a concentration of 2.6 µg/m^3;
- 2-Butanone (MEK) was detected in both SV-1 and SV-2 at a maximum concentration of 47 µg/m^3;
- tert-Butanol was detected in both SV-1 and SV-2 of 3.3 at a maximum concentration of 14 µg/m^3;
- Dichlorodifluoromethane was detected in SV-2 with a concentration of 2.5 µg/m^3; and
- No other compounds were detected above laboratory reporting limits.

The reported concentrations for each compound did not exceed applicable soil vapor screening levels for residential vapor intrusion.

The leak check compound, 1,1-difluoroethane, was not detected above laboratory reporting limits in the two soil vapor samples collected. Therefore, the soil vapor data presented are deemed valid with respect to sample train competency, and lack of significant leaks and atmospheric dilution. Soil vapor field measurement logs are on file with Apex and are available upon request.

CONCLUSIONS

The field activities completed on March 9, 2018 and documented in this report include the collection and analysis of two grab groundwater samples and two soil vapor samples from the Site subsurface. The activities were conducted at the request of First Community Housing to assess areas of environmental inquiry in advance of proposed Site redevelopment.

Based on the results presented herein, there does not appear to be a petroleum hydrocarbons or VOC source in the Site subsurface. No compounds were detected above their respective ESLs for groundwater or soil gas.

Results of the Phase II investigation indicate soil vapor impacted with VOCs has migrated beneath the Site. In addition, groundwater impacted by TPHd is present beneath the southeast portion of the Site. The source of the impacted soil vapor and groundwater is presumed to be the property located at 740 West San Carlos Street, located approximately 150 to the south.

RECOMMENDATIONS

- **Site Management Plan** – Due to the presence of VOCs in soil vapor, a site management plan (SMP) would outline precautionary steps to be taken to mitigate risks to future construction workers from identified chemicals during redevelopment and/or intrusive activities at the Site. Intrusive activities include soil grading, excavation, trenching and backfilling activities and utility repair; and
- **Existing Structure Demolition and Disposal** – The existing Site structures may contain lead-based paint (LBP), asbestos-containing materials (ACM), and other potentially hazardous building materials. Such assessment was not part of Apex's work scope. Apex recommends First Community Housing evaluate the Site for the presence and removal of building materials during demolition of the existing structures on the subject properties.

Apex would welcome the opportunity to discuss the results and recommendations presented in this Report at your convenience.

Sincerely,

Apex Companies, LLC

Paisha Jorgensen, P.G.
Project Manager

Bob Robitaille
Senior Geologist

Attachments

Figure 1 – Site Vicinity Map
Figure 2 – Grab Groundwater and Soil Vapor Sampling Locations

Table 1 –Summary of Select Groundwater Analytical Results
Table 2 – Summary of Soil Vapor Analytical Results

Attachment A – Utility Locating Field Report
Attachment B – Soil Boring Logs
Attachment C –Copies of Analytical Laboratory Results

References

Apex 2018. Phase I Environmental Site Assessment, 699 West San Carlos Street, San Jose, California. March 7.

DTSC. 2015. Advisory – Active Soil Gas Investigations. July.

San Francisco Bay - Regional Water Quality Control Board (SFRWQCB). 2016. Update to Environmental Screening Levels. Revision 3. February.

Limitations

This document has been prepared for the exclusive use of First Community Housing, and their representatives as it pertains to the affected property as described above. Any interpretation of the data represents our professional opinions, and is based in part on information supplied by the client. These opinions and information are based on currently available data and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location.

The data presented in this transmittal are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the site and should not be interpreted as such. The data reported are limited by the scope of the work as defined by the request of the client, the time, availability of access to the site, and information passed to Apex.

There are no representations or guarantees that the sampling points are representative of the entire site. Data collected in response to this work may reflect the conditions at specific locations at a specific point in time and does not reflect subsurface variations that may exist between sampling points. These variations cannot be anticipated nor can they be entirely accounted for even with exhaustive additional testing. No other interpretations, warranties, guarantees, expressed or implied, are included or intended in the contents of this transmittal.

FIGURES

APEX 3478 BUSKIRK AVENUE, SUITE 100 PLEASANT HILL, CA 94523	669 WEST SAN CARLOS ST SAN JOSE, CA			SITE LOCATION MAP		
	FILE NAME	DATE 2/20/18	DR. BY PJ	APP. BY	PROJECT # 093-FCH-001	FIGURE # **1**

Sampling Location

Approximate Property Boundary

APEX

3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

699 W SAN CARLOS ST
SAN JOSE, CA

GRAB GROUNDWATER AND SOIL VAPOR SAMPLING LOCATIONS

FILE NAME	DATE	DR. BY	APP. BY	PROJECT #	FIGURE #
	3/21/18	PJ		093-FCH-001	**2**

TABLES

Table 1
Summary of Select Groundwater Analytical Results
699 West San Carlos Street
San Jose, California

Sample ID	Sample Date	Approximate Sample Depth	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylene-m,p	Xylene-o	MTBE	Naphthalene	PCE
		ft bgs	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SB-1	3/9/2018	19	<50	**146** X	<400	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.0	<0.50
SB-2	3/9/2018	20	<50	<100	<400	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.0	<0.50
SFRWQCB ESLs[1] Groundwater Direct Exposure			100	150	NV	1.0	40	30	20	20	5.0	0.17	5.0
SFRWCB ESLs[2] Deep Groundwater (>10 feet bgs) Residential Vapor Intrusion			NV	NV	NV	1.35	4,346	16	1,591	1,591	1510	25	3.7

Notes:
µg/L = Microgram per liter
Bold values were reported above laboratory detection limits
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8260B
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015M
TPHmo = Total petroleum hydrocarbons as motor oil by EPA Method 8015M
Volatile organic compounds measured by EPA Method 8260B
PCE = Tetrachloroethene
<0.05 = Not detected above indicated practical quantitation limt (PQL)/reporting limit (RL)
x = Not typical of Diesel reference standard, peaks within Diesel range quantified as diesel
NV = No value published
SFRWQCB ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (SFRWQCB, 2016)
[1] SFRWQCB ESL for groundwater direct exposure. The lowest value of the Maximum Contaminant Level (MCL) priority and human health risk based ESL is shown
[2] SFRWQCB ESL for groundwater vapor intrusion, deep groundwater (>10 feet below ground surface), sand scenario for residental land use

References:
SFRWQCB. 2016. Environmental Screening Levels (ESLs). Revision 3. February.

Table 2
Detected Volatile Organic Compounds in Soil Vapor
699 West San Carlos Street
San Jose, California

Sample ID	Sample Date	Sample Depth	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	MTBE	Naphthalene	PCE	Acetone	Carbon Disulfide	Hexane	1,3,5-TMB	1,2,4-TMB	4-Ethyl Toluene	MIBK	2-Butanone (MEK)	tert-Butanol	1,1-Difluoroethane (leak check)
		ft bgs	µg/m^3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
VP-1	3/9/2018	6.5	4.3	9.4	2.6	9.2	4.0	3.9	3.4	8.7	37	2	10	4.0	15	3.5	2.6	47	8.0	<0.35
VP-2	3/9/2018	6.5	4.5	9.2	30	150	81	3.8	4.3	7.7	40	<0.37	9.4	6.0	19	5.0	<0.75	40	14	<0.35
SFRWQCB ESLs[1] - Residential Vapor Intrusion			4.8E+01	1.6E+05	5.6E+02	5.2E+04	5.2E+04	5.4E+03	4.1E+01	2.4E+02	1.6E+07	NV	NV	NV	NV	NV	1.6E+06	2.6E+06	NV	NV

Notes:
Volatile organic compounds analyzed by EPA Method TO-15
MTBE = Methyl tertiary butyl ether
PCE = Tetrachloroethene
1,3,5-TMB = 1,3,5-Trimethylbenzene
1,2,4-TMB = 1,2,4-Trimethylbenzene
MIBK = Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)
µg/m^3 = Microgram per cubic meter
<0.35 = Not detected above indicated practical quantitation limt (PQL)/reporting limit (RL)
ft bgs = feet below ground surface
NV = No value published
SFRWQCB ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (SFRWQCB, 2016)
[1] SFRWQCB ESL for residential soil gas vapor intrusion human health risk screening levels

References:
SFRWQCB. 2016. Environmental Screening Levels (ESLs). Revision 3. February.

ATTACHMENT A

Subdynamic Locating Services Inc
274 Hillsdale Ave
San Jose, CA 95136
Phone 408-723-4191
Fax 408-723-4142
subdynamic@sbcglobal.net

SERVICE AGREEMENT

This is an agreement by and between Subdynamic Locating Services, Inc. hereafter referred to as "SLS" and the undersigned, hereafter referred to as "Customer"

NO. U18 - 1323

Date 3/9/2018

Complete

Customer Name	Apex
Billing Adrress	
City, State, Zip	
Requested By	Harlow Newton
Phone	(925) 864-9441
PO#	
JOB#	093-FCH-001

FINDINGS: You have typed too much text

At the location behind the building I detected two possible utilities with radio scans. One about two feet away from the building, the other running toward the building, in line with a light pole on the road behind the building. Power, induction and mag scans did not indicate any other detectable utilities within

Job Name	699 West San Carlos St.
Job Address	699 West San Carlos St.
City, State, Zip	San Jose, Ca.
Contact	Paisha 510-847-9217
E-mail:	Harlow.newton@apexcos.com

The scope of work for this site will be to perform locating services as outlined below

Scope of Work:

Clear two Boring Locations

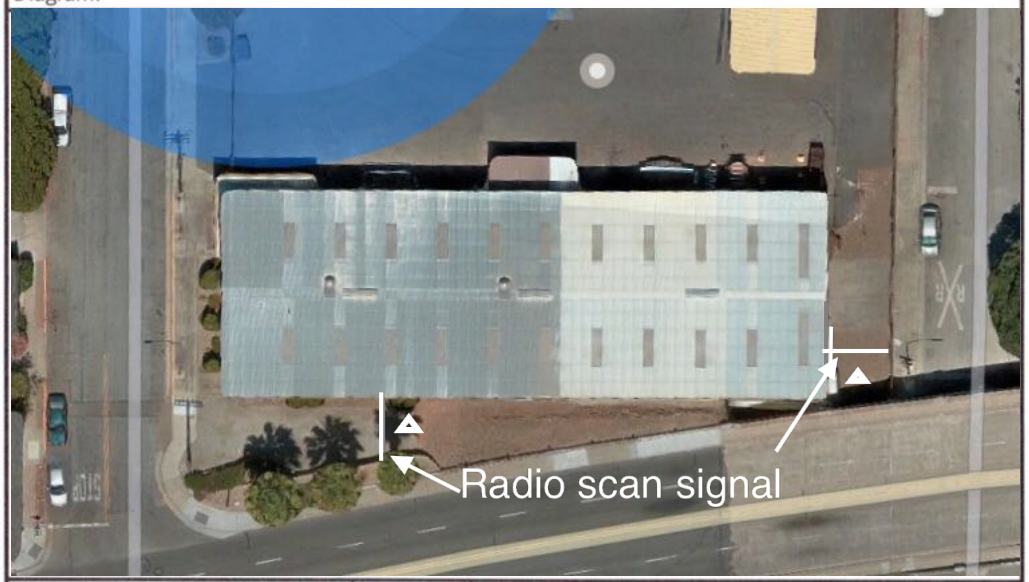
Note: All utilities will be marked according to USA North guidelines and SLS is not responsible for depth accuracy.

Work Authorization and Billing Terms: I the undersigned am owner / authorized representative of the property or company mentioned above. I hereby authorize SLS to perform the scope of work outlined above. I understand that the cost of performing this work is $ 175.00 Per Hour with a 2 hour minimum up to 8 hours in a day and time and a half for any time over 8 hours in a day and that SLS charges mob-de mob time (including travel time). I understand that downtime and standby time due to circumstances at the jobsite out of SLS control will be charged at the same rate.

I understand that some buried utilities are not detectable using available nondestructive technology and agree to hold SLS harmless in the event that some non-detectable utility is later found to be present. CA Law requires the customer to pothole verify all market utilities within an excavation area. All work is to be done COD unless a previous agreement has been arranged in writing with SLS in which cash terms are net 30. I agree to pay reasonable attorney fees and court costs in the event of legal action pursuant to section 1717 and/or 1719 of the California Civil Code. I have read, agree to and will receive a copy of this Service Agreement.

SIGNATURE:

Diagram:



TECH/ITEM	DATE	Start Time	End Time	HOURS	AMOUNT
John Molchan	3/9/2018	7:00 AM	9:00 AM	2:00	

Total Amount Due: 2.0

Client OT Authorization

Credit Card

Name on Card

Billing Address

CVN II

Exp. Date

Payment To be billed

ALL WORK IS COMPLETE FOR THIS SERVICE AGREEMENT

Complete

Tech Signature:

Authorized Signature: Signature

Print Harlow

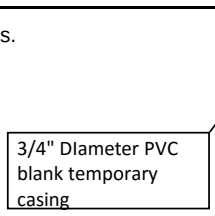
Service Agreement Page 2 Additional Notes, Findings, Pictures

At the location on the San Carlos St. side of the building, I detected another possible utility with radio scans. This line is just outside of the 5' clearance from the marked location. Power, induction, and magnetometer scans did not indicate any other detectable utilities within the scope.

ATTACHMENT B

APEX	Apex Companies, LLC		BORING/WELL ID: **SB-1**
PROJECT NAME AND ADDRESS:	FCH, 699 W. San Carlos Street, San Jose, CA		**Project No. :** 093-FCH-001
BORING LOCATION (AT SITE):	SB-1		**Logged By:** Harlow Newton
CONTRACTOR AND EQUIPMENT:	Penecore/Geoprobe hand auger		
SAMPLING METHOD:	Grab GW	**MONITORING DEVICE:**	Mini Rae 3000
START DATE/ (TIME):	3/9/2018 / 7:45:00 AM	**FINISH DATE/ TIME**	3/9/2018 / 9:40:00 AM
FIRST WATER (BGS):	19'	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	30'	**BORING DIAMETER/DEPTH:**	2.25" / 30'

Time	PID Reading	Water Level	Sample Interval	Recovery (%)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Well construction details
3/9/18 7:45	0.0				0		Gravel top cover (1").	
					1		Sandy silt with gravel, light brown, moist, non-plastic, loose, soft.	
					2		Sandy clay with gravel, brown, moist, non-plastic, loose, soft.	
8:00	0.0				3		Sandy clay, dark brown, moist, low plasticity, medium dense.	
					4		Sandy silt, light brown, dry, non-plastic, medium dense.	
					5			
					6			
8:50	0.0				7		No recovery	
					8			
					9		Sandy silt, light brown, dry, non-plastic, loose, soft.	
					10		Sandy silt, light brown, dry, non-plastic, loose, soft, with trace gravels.	
					11			
					12			
					13			
					14			
					15			
					16			
					17			
		▽			18			
					19			
					20			

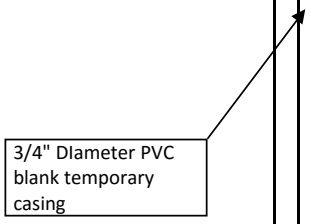


APEX	Apex Companies, LLC		BORING/WELL ID: **SB-1**
PROJECT NAME AND ADDRESS:	FCH, 699 W. San Carlos Street, San Jose, CA		**Project No. :** 093-FCH-001
BORING LOCATION (AT SITE):	SB-1		**Logged By:** Harlow Newton
CONTRACTOR AND EQUIPMENT:	Penecore/Geoprobe hand auger		
SAMPLING METHOD:	Grab GW	**MONITORING DEVICE:**	Mini Rae 3000
START DATE/ (TIME):	3/9/2018 / 7:45:00 AM	**FINISH DATE/ TIME**	3/9/2018 / 9:40:00 AM
FIRST WATER (BGS):	19'	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	30'	**BORING DIAMETER/DEPTH:**	2.25" / 30'

Time	PID Reading	Water Level	Sample Interval	Recovery (%)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Well construction details
					20		Sandy silt, brown, wet, low plasticity.	
					21		Medium dense, medium, gravels.	
					22			
					23			
					24			
					25			
					26			
					27		Sandy clay, dark brown, wet, medium dense, medium plasticity, with trace gravels	
					28			
					29		3/4" diameter PVC 0.01" slot temporary screen	
		0.0			30		**End of boring at 30'**	
					31			
					32			
					33			
					34			
					35			
					36			
					37			
					38			
					39			
					40			

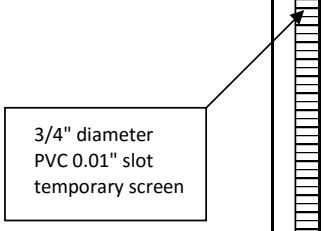
APEX	Apex Companies, LLC		BORING/WELL ID: **SB-2**
PROJECT NAME AND ADDRESS:	FCH, 699 W. San Carlos Street, San Jose, CA		**Project No. :** 093-FCH-001
BORING LOCATION (AT SITE):	SB-2		**Logged By:** Harlow Newton
CONTRACTOR AND EQUIPMENT:	Penecore/Geoprobe hand auger		
SAMPLING METHOD:		**MONITORING DEVICE:**	Mini Rae 3000
START DATE/ (TIME):	3/9/2018 / 10:10 AM	**FINISH DATE/ TIME**	3/9/18 11:15
FIRST WATER (BGS):	20'	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	30'	**BORING DIAMETER/DEPTH:**	2.25" / 30'

Time	PID Reading	Water Level	Sample Interval	Recovery (%)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Well construction details
3/9/18 10:10	0.0				0		0-1" asphalt.	
					1		Sandy silt with gravel, brown, moist, non-plastic, loose, soft.	
					2			
					3		Sandy clay, dark brown, moist, medium plasticity, medium dense.	
					4			
10:25	0.0				5		Sandy clay, dark brown, moist, medium plasticity, medium dense.	
					6			
					7			
					8			
					9			
10:50	0.0				10		Sandy silt, brown, dry, non-plastic, loose, soft, trace gravel.	
					11			
					12			
					13			
					14			
					15			
					16			
					17			
					18			
		▽			19			
					20			



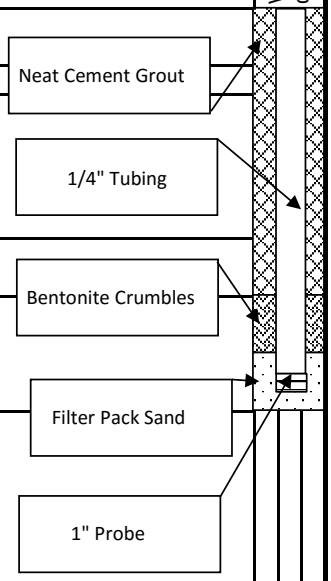
APEX	Apex Companies, LLC		BORING/WELL ID: **SB-2**
PROJECT NAME AND ADDRESS:	FCH, 699 W. San Carlos Street, San Jose, CA		**Project No. :** 093-FCH-001
BORING LOCATION (AT SITE):	SB-2		**Logged By:** Harlow Newton
CONTRACTOR AND EQUIPMENT:	Penecore/Geoprobe hand auger		
SAMPLING METHOD:		**MONITORING DEVICE:**	Mini Rae 3000
START DATE/ (TIME):	3/9/2018 / 10:10:00 AM	**FINISH DATE/ TIME**	3/9/18 11:15
FIRST WATER (BGS):	20'	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	30'	**BORING DIAMETER/DEPTH:**	2.25" / 30'

Time	PID Reading	Water Level	Sample Interval	Recovery (%)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Well construction details
					20		Sandy silt, brown, wet, low plasticity.	
					21		Medium dense.	
					22			
					23			
					24			
					25		Sandy clay, dark brown, wet, medium dense, medium plasticity.	
					26			
					27			
					28			
					29			
					30		**End of boring at 30'**	
					31			
					32			
					33			
					34			
					35			
					36			
					37			
					38			
					39			
					40			



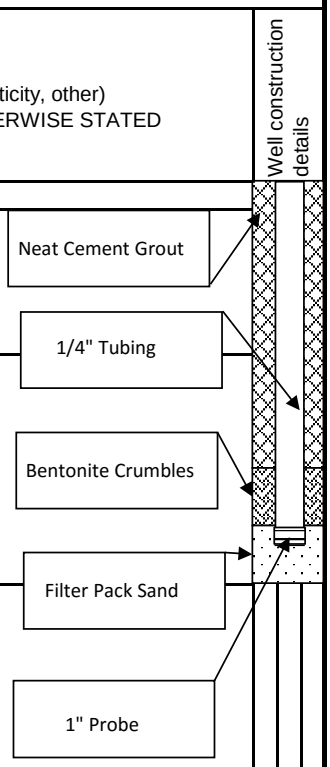
APEX	**Apex Companies, LLC**		BORING/WELL ID: **VP-1**
PROJECT NAME AND ADDRESS:	FCH, 699 W. San Carlos Street, San Jose, CA		**Project No. :** 093-FCH-001
BORING LOCATION (AT SITE):	VP-1		**Logged By:** Harlow Newton
CONTRACTOR AND EQUIPMENT:	Penecore/Geoprobe hand auger		
SAMPLING METHOD:	Summa	**MONITORING DEVICE:**	Mini Rae 3000
START DATE/ (TIME):	3/9/2018 / 7:45 AM	**FINISH DATE/ TIME**	3/9/2018 / 8:39 AM
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	7'	**BORING DIAMETER/DEPTH:**	2.25" / 7'

Time	PID Reading	Water Level	Sample Interval	Recovery (%)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED
3/9/18 7:45	0.0				0		Gravel top cover (1").
					1		Sandy silt with gravel, lignt brown, moist, non-plastic.
					2		Sandy clay with gravel, brown, moist, non-plastic.
8:00	0.0				3		Sandy clay with gravel, dark brown, moist, low plasticity.
					4		Sandy silt, light brown, dry, non-plastic.
					5		
8:50	0.0				6		Sandy clay, brown, dry, low plasticity.
					7		
					8		
					9		
					10		
					11		
					12		
					13		
					14		
					15		
					16		
					17		
					18		
					19		
					20		



APEX	**Apex Companies, LLC**		BORING/WELL ID: **VP-2**
PROJECT NAME AND ADDRESS:	FCH, 699 W. San Carlos Street, San Jose, CA		**Project No. :** 093-FCH-001
BORING LOCATION (AT SITE):	VP-2		**Logged By:** Harlow Newton
CONTRACTOR AND EQUIPMENT:	Penecore/Geoprobe hand auger		
SAMPLING METHOD:	Summa	**MONITORING DEVICE:**	Mini Rae 3000
START DATE/ (TIME):	3/9/2018 / 10:10 AM	**FINISH DATE/ TIME**	3/9/2018 / 10:38 AM
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	7'	**BORING DIAMETER/DEPTH:**	2.25" / 7'

Time	PID Reading	Water Level	Sample Interval	Recovery (%)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED
3/9/18 10:10	0.0				0		Asphalt (1")
					1		Sandy silt with gravel, brown, moist, non-plastic, loose, soft.
					2		
					3		Sandy clay, dark brown, moist, medium plasticity, medium dense.
10:25	0.0				4		
					5		Sandy clay, brown, moist, medium plasticity, medium dense.
10:30	0.0				6		
					7		
					8		
					9		
					10		
					11		
					12		
					13		
					14		
					15		
					16		
					17		
					18		
					19		
					20		



ATTACHMENT C

Apex Companies LLC
3478 Buskirk Ave
Suite 100
Pleasant Hill, California 94523
Tel: 925-551-6375

RE: First Community Housing

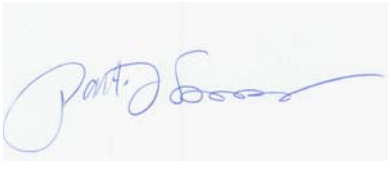
Work Order No.: 1803122

Dear Paisha Jorgensen:

Torrent Laboratory, Inc. received 2 sample(s) on March 09, 2018 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 L Sandrock
QA Officer

March 14, 2018
Date

Date: 3/14/2018

Client: Apex Companies LLC

Project: First Community Housing

Work Order: 1803122

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.

Sample Result Summary

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date Received: 03/09/18
Date Reported: 03/14/18

SB-1 1803122-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

SB-2 1803122-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B	1	0.037	0.10	0.146	mg/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	SB-1	**Lab Sample ID:**	1803122-001A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Groundwater
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:20		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/13/18 10:44:00PM
Prep Batch ID:	1103489	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Methylene Chloride	SW8260B	1	0.13	0.50	ND		ug/L	03/14/18	2:11	BP	430255
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:11	BP	430255
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/14/18	2:11	BP	430255
tert-Butanol	SW8260B	1	7.4	10	ND		ug/L	03/14/18	2:11	BP	430255
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/14/18	2:11	BP	430255
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/14/18	2:11	BP	430255
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:11	BP	430255
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:11	BP	430255
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/14/18	2:11	BP	430255
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/14/18	2:11	BP	430255
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/14/18	2:11	BP	430255

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	SB-1	**Lab Sample ID:**	1803122-001A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Groundwater
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:20		
SDG:			

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/13/18 10:44:00PM
Prep Batch ID: 1103489 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/14/18	2:11	BP	430255
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/14/18	2:11	BP	430255
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/14/18	2:11	BP	430255
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/14/18	2:11	BP	430255
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/14/18	2:11	BP	430255
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:11	BP	430255
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/14/18	2:11	BP	430255
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/14/18	2:11	BP	430255
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/14/18	2:11	BP	430255
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/14/18	2:11	BP	430255
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:11	BP	430255
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/14/18	2:11	BP	430255
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/14/18	2:11	BP	430255
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/14/18	2:11	BP	430255
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/14/18	2:11	BP	430255
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/14/18	2:11	BP	430255
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**137**	S	%	03/14/18	2:11	BP	430255
(S) Toluene-d8	SW8260B		75.1 - 127		**100**		%	03/14/18	2:11	BP	430255
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**95.8**		%	03/14/18	2:11	BP	430255

NOTE: S-Surrogate recovery out of limit-high bias. Data was acceptable as no target analytes were observed in the sample. No corrective action required.

Prep Method: 5030GRO **Prep Batch Date/Time:** 3/13/18 10:44:00PM
Prep Batch ID: 1103493 **Prep Analyst:** BPATEL

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	SB-1	**Lab Sample ID:**	1803122-001A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Groundwater
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:20		
SDG:			

Prep Method:	5030GRO	**Prep Batch Date/Time:**	3/13/18	10:44:00PM
Prep Batch ID:	1103493	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	03/14/18	2:11	BP	430255
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**67.5**		%	03/14/18	2:11	BP	430255

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	SB-1	**Lab Sample ID:**	1803122-001B
Project Name/Location:	First Community Housing	**Sample Matrix:**	Groundwater
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:20		
SDG:			

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	3/12/18 6:20:00PM
Prep Batch ID:	1103419	**Prep Analyst:**	MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	03/13/18	21:15	mk	430260
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	03/13/18	21:15	mk	430260
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**88.8**		%	03/13/18	21:15	mk	430260

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	SB-2	**Lab Sample ID:**	1803122-002A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Groundwater
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:40		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/13/18 10:44:00PM
Prep Batch ID:	1103489	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Methylene Chloride	SW8260B	1	0.13	0.50	ND		ug/L	03/14/18	2:40	BP	430255
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:40	BP	430255
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/14/18	2:40	BP	430255
tert-Butanol	SW8260B	1	7.4	10	ND		ug/L	03/14/18	2:40	BP	430255
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/14/18	2:40	BP	430255
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/14/18	2:40	BP	430255
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:40	BP	430255
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:40	BP	430255
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/14/18	2:40	BP	430255
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	03/14/18	2:40	BP	430255
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/14/18	2:40	BP	430255

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	SB-2	**Lab Sample ID:**	1803122-002A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Groundwater
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:40		
SDG:			

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/13/18 10:44:00PM
Prep Batch ID: 1103489 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/14/18	2:40	BP	430255
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/14/18	2:40	BP	430255
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/14/18	2:40	BP	430255
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/14/18	2:40	BP	430255
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/14/18	2:40	BP	430255
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/14/18	2:40	BP	430255
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/14/18	2:40	BP	430255
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/14/18	2:40	BP	430255
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/14/18	2:40	BP	430255
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/14/18	2:40	BP	430255
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/14/18	2:40	BP	430255
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/14/18	2:40	BP	430255
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/14/18	2:40	BP	430255
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/14/18	2:40	BP	430255
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/14/18	2:40	BP	430255
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/14/18	2:40	BP	430255
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**124**		%	03/14/18	2:40	BP	430255
(S) Toluene-d8	SW8260B		75.1 - 127		**101**		%	03/14/18	2:40	BP	430255
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**96.2**		%	03/14/18	2:40	BP	430255

Prep Method: 5030GRO **Prep Batch Date/Time:** 3/13/18 10:44:00PM
Prep Batch ID: 1103493 **Prep Analyst:** BPATEL

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	SB-2	**Lab Sample ID:**	1803122-002A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Groundwater
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:40		
SDG:			

Prep Method:	5030GRO	**Prep Batch Date/Time:**	3/13/18	10:44:00PM
Prep Batch ID:	1103493	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	03/14/18	2:40	BP	430255
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**74.5**		%	03/14/18	2:40	BP	430255

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	SB-2	**Lab Sample ID:**	1803122-002B
Project Name/Location:	First Community Housing	**Sample Matrix:**	Groundwater
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:40		
SDG:			

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	3/12/18 6:20:00PM
Prep Batch ID:	1103419	**Prep Analyst:**	MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.146**	x	mg/L	03/13/18	21:39	mk	430260
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	03/13/18	21:39	mk	430260
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**88.9**		%	03/13/18	21:39	mk	430260

NOTE: x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1803122	**Prep Method:**	3510_TPH	**Prep Date:**	03/12/18	**Prep Batch:**	1103419
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	3/12/2018	**Analytical Batch:**	430199
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.037	0.10	ND	
TPH as Motor Oil	0.11	0.40	ND	
Pentacosane (S)			82.7	

Work Order:	1803122	**Prep Method:**	5030VOC	**Prep Date:**	03/13/18	**Prep Batch:**	1103489
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/14/2018	**Analytical Batch:**	430255
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	0.50	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	7.4	10	ND	
Diisopropyl ether (DIPE)	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	0.25	
Benzene	0.16	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1803122	**Prep Method:**	5030VOC	**Prep Date:**	03/13/18	**Prep Batch:**	1103489
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/14/2018	**Analytical Batch:**	430255
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethyl Benzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	0.34	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			125	
(S) Toluene-d8			103	
(S) 4-Bromofluorobenzene			95.4	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1803122	**Prep Method:**	5030GRO	**Prep Date:**	03/13/18	**Prep Batch:**	1103493
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/14/2018	**Analytical Batch:**	430255
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	29	50	ND		
(S) 4-Bromofluorobenzene			71.0		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1803122	**Prep Method:**	3510_TPH	**Prep Date:**	03/12/18	**Prep Batch:**	1103419
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	3/12/2018	**Analytical Batch:**	430199
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.037	0.10	ND	1.0	84.8	74.8	12.5	52 - 115	30	
Pentacosane (S)				200	83.3	74.6		59 - 129		

Work Order:	1803122	**Prep Method:**	5030VOC	**Prep Date:**	03/13/18	**Prep Batch:**	1103489
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/14/2018	**Analytical Batch:**	430255
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	114	115	1.47	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	112	112	0.000	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	90.2	96.4	6.61	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	106	105	0.533	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	93.4	95.1	1.78	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	110	109		61.2 - 131		
(S) Toluene-d8				17.9	103	105		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	91.9	93.3		64.1 - 120		

Work Order:	1803122	**Prep Method:**	5030GRO	**Prep Date:**	03/13/18	**Prep Batch:**	1103493
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/14/2018	**Analytical Batch:**	430255
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(Gasoline)	29	50	ND	238	92.0	101	9.15	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	80.1	74.8		41.5 - 125		

Laboratory Qualifiers and Definitions

DEFINITIONS:

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

LABORATORY QUALIFIERS:

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

Sample Receipt Checklist

Client Name: Apex Companies LLC

Project Name: First Community Housing

Work Order No.: 1803122

Date and Time Received: 3/9/2018 1:40:00PM

Received By: Helena Ueng

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

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:	11.0 °C
Water-VOA vials have zero headspace?	Yes		
Water-pH acceptable upon receipt?	N/A		

pH Checked by: N/A

pH Adjusted by: N/A

Comments:

Sample chilling begun

Login Summary Report

Client ID: TL5743 Apex Companies LLC
Project Name: First Community Housing
Project # : 093-FCH-001
Report Due Date: 3/14/2018

QC Level: II
TAT Requested: 3 Day Rush:3
Date Received: 3/9/2018
Time Received: 1:40 pm

Comments:

Work Order # : ***1803122***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1803122-001A	SB-1	03/09/18 11:20	Water	04/23/18			VOC_W_8260B VOC_W_GRO	
1803122-001B	SB-1	03/09/18 11:20	Water	04/23/18			TPHDO_W_8015B(M)	
1803122-002A	SB-2	03/09/18 11:40	Water	04/23/18			VOC_W_8260B VOC_W_GRO	
1803122-002B	SB-2	03/09/18 11:40	Water	04/23/18			TPHDO_W_8015B(M)	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
Fax: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 803122

Company Name: Apex ☐ Env. ☐ Special			Project #: 093-FCH-001 PO#: 093-FCH-001
Address: 3478 Buskirk Ave Ste 100			Project Name: First Community Housing
City: Pleasant Hill	State: CA	Zip Code: 94523	Comments:
Telephone: 925-944-2856 Cell:			SAMPLER: Harlow Newton
REPORT TO: Paisha Jorgensen BILL TO: Apex			EMAIL: Paisha.jorgensen@apexcos.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☒ 3 Work Days ☐ Noon - Nxt Day
☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Wipe
☒ Ground Water ☐ Other
☐ Soil ☐ Product / Bulk

REPORT FORMAT:
☐ Level II - Std.
☐ Excel - EDD
☐ EDF ☐ Std.-EDD
☐ QC Level III
☐ QC Level IV

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	8260 VOCs	TPH 8015	REMARKS
001A/B		SB-1	3-9-18/1120	GW	5	VOAS/1L Amber	X	X	
002A/B		SB-2	3-9-18/1140	GW	5	VOAS/1L Amber	X	X	

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Harlow Newton	3-9-18	1340		Helen Gilley	3/9/18	13:40
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☒ Yes ☐ NO Samples on Ice? ☒ Yes ☐ NO Method of Shipment Driven Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

#2 Sample cutting begun

Log In By: _____ Date: _____ Labeled By: _____ Date: _____ Temp 4 °C Page ___ of ___ Rev. 3

Apex Companies LLC
3478 Buskirk Ave
Suite 100
Pleasant Hill, California 94523
Tel: 925-551-6375

RE: First Community Housing

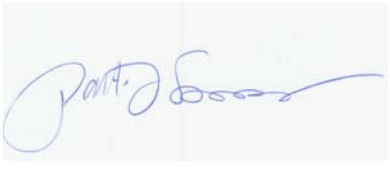
Work Order No.: 1803125

Dear Paisha Jorgensen:

Torrent Laboratory, Inc. received 2 sample(s) on March 09, 2018 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 L Sandrock
QA Officer

March 14, 2018
Date

Date: 3/14/2018

Client: Apex Companies LLC

Project: First Community Housing

Work Order: 1803125

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.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date Received: 03/09/18
Date Reported: 03/14/18

VP-1 1803125-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	1	0.40	12	37
Hexane	ETO15	1	0.46	1.8	10
MTBE	ETO15	1	0.44	1.8	3.9
tert-Butanol	ETO15	1	0.62	1.5	8.0
2-Butanone (MEK)	ETO15	1	0.39	1.5	47
Benzene	ETO15	1	0.44	1.6	4.3
Toluene	ETO15	1	0.75	1.9	9.4
4-Methyl-2-Pentanone (MIBK)	ETO15	1	0.75	2.1	2.6
Tetrachloroethylene	ETO15	1	1.5	3.4	8.7
Ethyl Benzene	ETO15	1	0.63	2.2	2.6
m,p-Xylene	ETO15	1	0.98	2.2	9.2
o-Xylene	ETO15	1	0.30	2.2	4.0
4-Ethyl Toluene	ETO15	1	0.55	2.5	3.5
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	4.0
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	15
Naphthalene	ETO15	1	1.3	2.6	3.4

VP-2 1803125-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	ETO15	1	0.37	1.6	1.9
Acetone	ETO15	1	0.40	12	40
Hexane	ETO15	1	0.46	1.8	9.4
MTBE	ETO15	1	0.44	1.8	3.8
tert-Butanol	ETO15	1	0.62	1.5	14
2-Butanone (MEK)	ETO15	1	0.39	1.5	40
Benzene	ETO15	1	0.44	1.6	4.5
Toluene	ETO15	1	0.75	1.9	9.2
Tetrachloroethylene	ETO15	1	1.5	3.4	7.7
Ethyl Benzene	ETO15	1	0.63	2.2	30
m,p-Xylene	ETO15	1	0.98	2.2	150
o-Xylene	ETO15	1	0.30	2.2	81
4-Ethyl Toluene	ETO15	1	0.55	2.5	5.0
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	6.0
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	19
Naphthalene	ETO15	1	1.3	2.6	4.3

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	VP-1	**Lab Sample ID:**	1803125-001A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Air
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:01	**Certified Clean WO # :**	
Canister/Tube ID:	A7470	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/9/18	11:30:00AM
Prep Batch ID:	1103372	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		03/09/18	20:59	BA	430157
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		03/09/18	20:59	BA	430157
1,2-Dichlorotetrafluoroethane	ETO15	1.00	28	56	ND	ND		03/09/18	20:59	BA	430157
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		03/09/18	20:59	BA	430157
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		03/09/18	20:59	BA	430157
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		03/09/18	20:59	BA	430157
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		03/09/18	20:59	BA	430157
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		03/09/18	20:59	BA	430157
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		03/09/18	20:59	BA	430157
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		03/09/18	20:59	BA	430157
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		03/09/18	20:59	BA	430157
Carbon Disulfide	ETO15	1.00	0.37	1.6	ND	ND		03/09/18	20:59	BA	430157
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		03/09/18	20:59	BA	430157
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		03/09/18	20:59	BA	430157
Acetone	ETO15	1.00	0.40	12	37	15.55		03/09/18	20:59	BA	430157
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		03/09/18	20:59	BA	430157
Hexane	ETO15	1.00	0.46	1.8	10	2.84		03/09/18	20:59	BA	430157
MTBE	ETO15	1.00	0.44	1.8	3.9	1.08		03/09/18	20:59	BA	430157
tert-Butanol	ETO15	1.00	0.62	1.5	8.0	2.64		03/09/18	20:59	BA	430157
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		03/09/18	20:59	BA	430157
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		03/09/18	20:59	BA	430157
ETBE	ETO15	1.00	0.33	2.1	ND	ND		03/09/18	20:59	BA	430157
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		03/09/18	20:59	BA	430157
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		03/09/18	20:59	BA	430157
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		03/09/18	20:59	BA	430157
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		03/09/18	20:59	BA	430157
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		03/09/18	20:59	BA	430157
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	47	15.93		03/09/18	20:59	BA	430157
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		03/09/18	20:59	BA	430157
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		03/09/18	20:59	BA	430157
Benzene	ETO15	1.00	0.44	1.6	4.3	1.35		03/09/18	20:59	BA	430157
TAME	ETO15	1.00	0.67	2.1	ND	ND		03/09/18	20:59	BA	430157
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		03/09/18	20:59	BA	430157

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	VP-1	**Lab Sample ID:**	1803125-001A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Air
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 11:01	**Certified Clean WO # :**	
Canister/Tube ID:	A7470	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/9/18	11:30:00AM
Prep Batch ID:	1103372	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		03/09/18	20:59	BA	430157
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		03/09/18	20:59	BA	430157
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		03/09/18	20:59	BA	430157
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		03/09/18	20:59	BA	430157
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		03/09/18	20:59	BA	430157
Toluene	ETO15	1.00	0.75	1.9	9.4	2.49		03/09/18	20:59	BA	430157
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	2.6	0.63		03/09/18	20:59	BA	430157
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		03/09/18	20:59	BA	430157
Tetrachloroethylene	ETO15	1.00	1.5	3.4	8.7	1.28		03/09/18	20:59	BA	430157
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		03/09/18	20:59	BA	430157
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		03/09/18	20:59	BA	430157
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		03/09/18	20:59	BA	430157
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		03/09/18	20:59	BA	430157
Ethyl Benzene	ETO15	1.00	0.63	2.2	2.6	0.60		03/09/18	20:59	BA	430157
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		03/09/18	20:59	BA	430157
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		03/09/18	20:59	BA	430157
m,p-Xylene	ETO15	1.00	0.98	2.2	9.2	2.12		03/09/18	20:59	BA	430157
o-Xylene	ETO15	1.00	0.30	2.2	4.0	0.92		03/09/18	20:59	BA	430157
Styrene	ETO15	1.00	0.46	2.1	ND	ND		03/09/18	20:59	BA	430157
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		03/09/18	20:59	BA	430157
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		03/09/18	20:59	BA	430157
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	3.5	0.71		03/09/18	20:59	BA	430157
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	4.0	0.81		03/09/18	20:59	BA	430157
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	15	3.05		03/09/18	20:59	BA	430157
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		03/09/18	20:59	BA	430157
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		03/09/18	20:59	BA	430157
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		03/09/18	20:59	BA	430157
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		03/09/18	20:59	BA	430157
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		03/09/18	20:59	BA	430157
Naphthalene	ETO15	1.00	1.3	2.6	3.4	0.65		03/09/18	20:59	BA	430157
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	110 %			03/09/18	20:59	BA	430157

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	VP-2	**Lab Sample ID:**	1803125-002A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Air
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 12:56	**Certified Clean WO # :**	
Canister/Tube ID:	6119	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/9/18	11:30:00AM
Prep Batch ID:	1103372	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		03/09/18	21:34	BA	430157
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		03/09/18	21:34	BA	430157
1,2-Dichlorotetrafluoroethane	ETO15	1.00	28	56	ND	ND		03/09/18	21:34	BA	430157
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		03/09/18	21:34	BA	430157
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		03/09/18	21:34	BA	430157
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		03/09/18	21:34	BA	430157
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		03/09/18	21:34	BA	430157
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		03/09/18	21:34	BA	430157
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		03/09/18	21:34	BA	430157
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		03/09/18	21:34	BA	430157
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		03/09/18	21:34	BA	430157
Carbon Disulfide	ETO15	1.00	0.37	1.6	1.9	0.61		03/09/18	21:34	BA	430157
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		03/09/18	21:34	BA	430157
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		03/09/18	21:34	BA	430157
Acetone	ETO15	1.00	0.40	12	40	16.81		03/09/18	21:34	BA	430157
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		03/09/18	21:34	BA	430157
Hexane	ETO15	1.00	0.46	1.8	9.4	2.67		03/09/18	21:34	BA	430157
MTBE	ETO15	1.00	0.44	1.8	3.8	1.05		03/09/18	21:34	BA	430157
tert-Butanol	ETO15	1.00	0.62	1.5	14	4.62		03/09/18	21:34	BA	430157
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		03/09/18	21:34	BA	430157
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		03/09/18	21:34	BA	430157
ETBE	ETO15	1.00	0.33	2.1	ND	ND		03/09/18	21:34	BA	430157
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		03/09/18	21:34	BA	430157
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		03/09/18	21:34	BA	430157
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		03/09/18	21:34	BA	430157
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		03/09/18	21:34	BA	430157
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		03/09/18	21:34	BA	430157
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	40	13.56		03/09/18	21:34	BA	430157
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		03/09/18	21:34	BA	430157
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		03/09/18	21:34	BA	430157
Benzene	ETO15	1.00	0.44	1.6	4.5	1.41		03/09/18	21:34	BA	430157
TAME	ETO15	1.00	0.67	2.1	ND	ND		03/09/18	21:34	BA	430157
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		03/09/18	21:34	BA	430157

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paisha Jorgensen
Apex Companies LLC

Date/Time Received: 03/09/18, 1:40 pm
Date Reported: 03/14/18

Client Sample ID:	VP-2	**Lab Sample ID:**	1803125-002A
Project Name/Location:	First Community Housing	**Sample Matrix:**	Air
Project Number:	093-FCH-001		
Date/Time Sampled:	03/09/18 / 12:56	**Certified Clean WO # :**	
Canister/Tube ID:	6119	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/9/18	11:30:00AM
Prep Batch ID:	1103372	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		03/09/18	21:34	BA	430157
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		03/09/18	21:34	BA	430157
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		03/09/18	21:34	BA	430157
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		03/09/18	21:34	BA	430157
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		03/09/18	21:34	BA	430157
Toluene	ETO15	1.00	0.75	1.9	9.2	2.44		03/09/18	21:34	BA	430157
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		03/09/18	21:34	BA	430157
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		03/09/18	21:34	BA	430157
Tetrachloroethylene	ETO15	1.00	1.5	3.4	7.7	1.14		03/09/18	21:34	BA	430157
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		03/09/18	21:34	BA	430157
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		03/09/18	21:34	BA	430157
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		03/09/18	21:34	BA	430157
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		03/09/18	21:34	BA	430157
Ethyl Benzene	ETO15	1.00	0.63	2.2	30	6.91		03/09/18	21:34	BA	430157
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		03/09/18	21:34	BA	430157
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		03/09/18	21:34	BA	430157
m,p-Xylene	ETO15	1.00	0.98	2.2	150	34.56		03/09/18	21:34	BA	430157
o-Xylene	ETO15	1.00	0.30	2.2	81	18.66		03/09/18	21:34	BA	430157
Styrene	ETO15	1.00	0.46	2.1	ND	ND		03/09/18	21:34	BA	430157
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		03/09/18	21:34	BA	430157
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		03/09/18	21:34	BA	430157
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	5.0	1.02		03/09/18	21:34	BA	430157
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	6.0	1.22		03/09/18	21:34	BA	430157
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	19	3.86		03/09/18	21:34	BA	430157
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		03/09/18	21:34	BA	430157
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		03/09/18	21:34	BA	430157
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		03/09/18	21:34	BA	430157
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		03/09/18	21:34	BA	430157
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		03/09/18	21:34	BA	430157
Naphthalene	ETO15	1.00	1.3	2.6	4.3	0.82		03/09/18	21:34	BA	430157
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	100 %			03/09/18	21:34	BA	430157

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1803125	**Prep Method:**	TO15-P	**Prep Date:**	03/09/18	**Prep Batch:**	1103372
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/9/2018	**Analytical Batch:**	430157
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	4.0	8.0	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	0.20	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	0.29	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	0.39	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	0.19	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	0.19	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	0.31	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1803125	**Prep Method:**	TO15-P	**Prep Date:**	03/09/18	**Prep Batch:**	1103372
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/9/2018	**Analytical Batch:**	430157
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	0.080	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
(S) 4-Bromofluorobenzene			100	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1803125	**Prep Method:**	TO15-P	**Prep Date:**	03/09/18	**Prep Batch:**	1103372
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/9/2018	**Analytical Batch:**	430157
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	0.21	0.50	ND	8.00	96.0	93.3	2.91	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	90.8	89.1	1.94	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	95.7	98.2	2.58	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	94.4	92.7	1.74	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	94.9	92.6	2.54	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	96.6	98.9		50 - 150		

Laboratory Qualifiers and Definitions

DEFINITIONS:

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

LABORATORY QUALIFIERS:

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

Sample Receipt Checklist

Client Name: Apex Companies LLC

Project Name: First Community Housing

Work Order No.: 1803125

Date and Time Received: 3/9/2018 1:40:00PM

Received By: HU

Physically Logged By: Katherene Evans

Checklist Completed By: Katherene Evans

Carrier Name: Client Drop Off

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: °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

Comments:

Login Summary Report

Client ID: TL5743 Apex Companies LLC

Project Name: First Community Housing

Project # : 093-FCH-001

Report Due Date: 3/14/2018

QC Level: II

TAT Requested: 3 Day Rush:3

Date Received: 3/9/2018

Time Received: 1:40 pm

Comments:

Work Order # : ***1803125***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1803125-001A	VP-1	03/09/18 11:01	Air				VOC_A_TO15	
1803125-002A	VP-2	03/09/18 12:56	Air				VOC_A_TO15	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
Fax: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 1803125

Company Name: Apex	☐ Env. ☐ Special	Project #: 093-FCH-001	PO#: 093-FCH-001
Address: 3478 Buskirk Ave Ste 100		Project Name: First Community Housing	
City: Pleasant Hill	State: CA	Zip Code: 94523	Comments:
Telephone: 925-944-2356	Cell:		SAMPLER: Harlow Newton
REPORT TO: Paisha Jurgensen	BILL TO: Apex		EMAIL: Paisha.jurgensen@apexcos.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☒ 3 Work Days ☐ Noon - Nxt Day
☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:
☐ Storm Water ☒ Air
☐ Waste Water ☐ Wipe
☐ Ground Water ☐ Other
☐ Soil ☐ Product / Bulk

REPORT FORMAT:
☐ Level II - Std.
☐ Excel - EDD
☐ EDF ☐ Std.-EDD
☐ QC Level III
☐ QC Level IV

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TO-15	REMARKS
001A	A7470	VP-1	3-9-18/1101	Air	1	summa canister	X	RUSH 3 DAYS
002A	6119	VP-2	3-9-18/1256	Air	1	summa canister	X	

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Harlow Newton	3-9-18	1340		Helena Wong	3/9/18	13:40
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☒ Yes ☐ NO Samples on Ice? ☐ Yes ☒ NO Method of Shipment D/OFF Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

summas @ ambient temp

Log In By: _____ Date: _____ Labeled By: _____ Date: _____ Temp _____ °C Page ___ of ___ Rev. 3