SILVANI, SILVANI & SILVANI
5825 OLD SCHOOL ROAD
PLEASANTON, CA 94588

RECEIVED
By Alameda County Environmental Health at 12:17 pm, Aug 18, 2014

July 31, 2014

Ms. Karel Detterman, P.G.
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

SUBJECT: **PERJURY STATEMENT**

SITE: **FORMER CALIFORNIA GLASS COMPANY**
155 98TH AVENUE
OAKLAND, CA94603
FLC # RO0003126

Dear Ms. Detterman:

The information and/or recommendations contained in the attached document or report are true and correct to the best of my knowledge, information and belief after due and reasonable inquiry. I declare under penalty of perjury that the foregoing is true and correct.

Thank you for your cooperation and assistance on this project. If you have any questions, feel free to contact me at (510) 701-4446.

Sincerely,

Marc Silvani
Responsible Party

TEC Environmental
a division of **Technology, Engineering, & Construction, Inc.**
262 Michelle Court • So. San Francisco, CA 94080-6201 • www.tecenvironmental.com
Tel: (650) 616-1200 • Fax: (650) 616-1244 • Contractor's Lic. #762034

July 30, 2014

Ms. Karel Detterman, P.G.
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

SUBJECT: **SOIL AND GROUNDWATER REPORT**

SITE: **FORMER CALIFORNIA GLASS COMPANY**
155 98TH AVENUE
OAKLAND, CALIFORNIA 94603
FLC # RO0003126

Dear Ms. Detterman:

On behalf of Silvani, Silvani & Silvani (property owners), Technology, Engineering & Construction, Inc. has prepared this *Soil and Groundwater Investigation Report* for the above-referenced site.

Thank you for your cooperation and assistance on this project. If you have any questions or concerns, please contact the undersigned at (650) 222-0890.

Sincerely,
Technology, Engineering
& Construction, Inc.

Paul Dotson
Project Manager

cc: Mr. Marc Silvani, 625 Swainland Road, Oakland, CA 94611-1185

SOIL AND GROUNDWATER INVESTIGATION REPORT

FORMER CALIFORNIA GLASS COMPANY
155 98TH AVENUE
OAKLAND, CALIFORNIA 94603

FLC #: RO0003126

PREPARED FOR:

SILVANI, SILVANI & SILVANI
AND
ALAMEDA COUNTY HEALTH AGENCY

PREPARED BY:

TECHNOLOGY, ENGINEERING
& CONSTRUCTION, INC.
PROJECT NO. E-664

REPORT DATE:
JULY 30, 2014

TEC ENVIRONMENTAL

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1.0 INTRODUCTION

On behalf of Silvani, Silvani & Silvani (property owner) Technology, Engineering & Construction, Inc. (TEC) has prepared this Data Gap Investigation Workplan for the former California Glass Company located at 155 98th Avenue, Oakland, California. Gasoline and diesel underground storage tanks (USTs) were formerly located at the site; tanks were removed from different locations of the site in 1994 and 2009. This report documents procedures and results of a subsurface investigation completed on July 1, 2014. A vicinity map and site map are provided as Figures 1 and 2, respectively.

2.0 SITE DESCRIPTION

The site is located on 98th Avenue near the intersection with Kitty Lane in Oakland, California. The site is occupied by a large building with paved surfaces around the perimeter. Two generations of USTs have been used at the site, one located near the southwest corner of the building (southern tank pit, removed in 1994) and another near the middle of the western side of the building (northern tank pit, removed in 2009). TEC does not have information about the USTs removed in 1994 other than the tank closure case number (RO869) and a Remedial Action Completion Certification issued 1996. The USTs removed in 2009 were an 8,000-gallon gasoline storage tank and a 12,000-gallon diesel storage tank. Based on historical aerial photographs, the dispensers for the USTs removed in 2009 were located on top of the tank pit. Site features, including former tank locations, are shown on Figure 2.

The surrounding topography is flat and the site is approximately 12 feet above mean sea level. The site is situated in a mixed commercial/industrial area and is currently used as a warehouse and distribution center.

Groundwater was encountered at approximately 9.5 ft below surface grade (ft bsg) during the March 2009 tank removal and between 15 and 16 ft bsg during the July 2014 investigation. Based on a Geotracker review, groundwater occurs at similar depths at other sites near the property.

3.0 ENVIRONMENTAL BACKGROUND

A historical timeline of relevant activities at the subject site and a summary of chemicals of concern (COCs) are presented below.

3.1 Site Timeline

1994 USTs located in the southern tank pit removed (ACEH case number RO869).

1996 Remedial Action Completion Certification issued for RO869.

March 2009 One 8,000-gallon gasoline UST and one 1,2,000-gallon diesel UST removed from the site. Soil samples collected from the tank pit sidewalls did not contain petroleum hydrocarbons above laboratory reporting limits. A grab groundwater sample collected from the tank pit contained fuel-related

compounds above current Environmental Screening Limits (ESLs). The excavated soil (pea gravel) from the tank removal project was reinstalled in the excavation pit, compacted, and leveled. In addition, approximately 289 cubic yards of imported fill was used to fill the excavation and was compacted to grade minus 8 inches to allow room for paving.

3.2 Chemicals of Concern

Chemicals of concern (COCs) for the site include petroleum hydrocarbons as gasoline (TPHg) and as diesel (TPHd), benzene, toluene, ethylbenzene, and xylenes (BTEX compounds), and naphthalene.

Historical soil and groundwater analytical data are summarized in Table 1.

4.0 SITE CHARACTERIZATION ACTIVITIES

In order to characterize the extent of petroleum hydrocarbon contaminated soil and groundwater, TEC advanced six soil borings (B-1 through B-6) and installed one soil vapor point (SVP-1). Work was completed on July 1, 2014. Field point locations are shown on Figure 2.

4.1 Pre-Field Activities

4.1.1 Permitting

TEC obtained drilling permit number W2014-0603 from the Alameda County Public Works Agency (ACPWA) for borings B-1 through B-6. A copy of the permit is included in Attachment A.

4.1.2 Health and Safety Plan

As required by the Occupational Health and Safety Administration (OSHA) and by the California OSHA, TEC updated the existing site-specific *Health and Safety Plan* prior to the start of fieldwork. The plan was reviewed and signed by field personnel and contractors before beginning field operations, and remained in the possession of TEC personnel while conducting activities at the site.

4.1.3 Utility Clearance

The proposed drilling locations were marked with white paint and Underground Service Alert (USA) was contacted at least 48 hours prior to conducting fieldwork to identify underground utilities. In addition, TEC contracted Cruz Brothers Locators Inc., a private underground utility locator, to identify any subsurface structures or conduits that may interfere with drilling locations.

4.2 Procedures

TEC contracted PeneCore Drilling, a California C-57 licensed subcontractor (License #906899) to advance field points.

4.2.1 Soil Borings

Soil borings were advanced using a track-mounted Geoprobe 6610 direct push technology (DPT) drill rig. Borings B-1 through B-6 were advanced to a total depths of 20 ft bsg. Each boring was advanced by pushing 2.25-inch outer diameter dual tube rods into the subsurface using the static weight of the drill rig and the percussion head as needed. The drill rod string was equipped with a removable lead sampler lined with acetate sleeves. At the end of each 5-foot push, the sampler was retrieved and the core removed. Soil cores were collected continuously and logged in accordance with the Unified Soil Classification System; observed staining or odors were noted on the boring logs (Attachment B). Soil cores were screened using a calibrated photo-ionization detector (PID) for volatile organic compounds (VOCs). PID readings were recorded on the boring logs.

Soil samples were cut from the recovered soil cores at approximately 2 to 4 foot intervals in the unsaturated zone and from within the capillary fringe. At least one soil sample from each boring was collected from the smear zone. Samples were covered with Teflon liners, capped, properly labeled and placed in an ice chest with adequate ice for temporary storage pending delivery to an analytical laboratory. Two samples per boring were submitted to Torrent Laboratories, Inc. (Torrent), a California State-certified laboratory, under chain-of-custody protocol. Samples were analyzed for total petroleum hydrocarbons quantified as diesel (TPHd) by EPA Method 8015B(M), and TPH as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), fuel oxygenates including di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), methyl tert-butyl ether (MTBE), tert-amyl methyl ether (TAME) and tert-butyl alcohol (TBA) and naphthalene by EPA Method 8269B.

Temporary ¾-inch PVC well casings with 5-foot screens were installed in all borings to facilitate the collection of grab groundwater samples. Grab samples were collected through the temporary casing using a clean steel bailer (decontaminated between sampling locations) and transferred to 1-L glass amber containers and 40-mL volatile organic analysis vials, placed on ice, and delivered to Torrent under chain-of-custody protocol and were analyzed as described above.

After collecting grab samples, the temporary casings were removed and the boreholes were tremie grouted with neat cement and completed to match the existing surface grade. Grouting was completed under the observation of an AWPCA inspector.

4.2.2 Soil Vapor Point Installation

A pilot boring for soil vapor point SVP-1 was advanced to 5 ft bsg using a 3.25-inch diameter hand auger. A filter pack composed of #0/30 sand was installed from 4 to 5 ft bsg around a high-density porous polyethylene vapor implant set at 4.5 ft bsg. The implant was attached to ¼-inch diameter nylon tubing; the tubing was installed from the implant to approximately 18 inches above surface grade and sealed with an air-tight cap. A six inch transition seal composed of dry bentonite crumbles was installed above the filter pack (3.5 to 4 ft bsg); remaining annular space was filled to surface grade with hydrated bentonite crumbles.

4.3 Decontamination Procedures and Waste Disposal

All down-hole equipment including rods, hand augers, steel bailers and sampling equipment were thoroughly decontaminated between borings using an Alconox solution and were triple-rinsed with clean tap water.

Decontamination water, purge water and soil cuttings generated during field activities were contained in 55-gallon DOT-rated drums, labeled, and temporarily stored onsite pending characterization, profiling and transportation to an approved disposal or recycling facility. Waste disposal manifests will be provided under a separate cover upon receipt.

5.0 RESULTS

5.1 Field Observations

Encountered soil types were primarily fine-grained soils with subordinate amounts of sand from surface grade to approximately 18 to 19 feet bsg. Gravel was encountered in borings B-1, B-2, B-4, B-5 and B-6 between 18 to 19 ft bsg to total depth; the gravel interval was not encountered in boring B-6. Pea gravel was encountered in boring B-6 from just below the concrete surface material to 7.5 ft bsg. It appears pea gravel was used to backfill the tank pit following tank removal in 1997.

Slight petroleum hydrocarbon odor was noted in all borings between approximately 5 to 10 ft bsg with slightly elevated PID readings at these same depths in boring B-2, B-3 and B-4. Field observations were noted on the boring logs (Attachment B).

Water was first encountered in all borings at depths ranging from approximately 15 to 16.5 ft bsg.

5.2 Contaminants of Concern in Soil

With the exception of TPHd, soil samples did not contain target analytes above laboratory reporting limits. Detected TPHd concentrations ranged from 3.9 milligrams per kilogram (mg/kg) in sample B-3@6' to 21 mg/kg in sample B-4@8'. All detected concentrations of TPHd were below the most restrictive ESL[1].

A summary of soil analytical results is presented in Table 1. The laboratory analytical report is provided as Attachment C.

5.3 Contaminants of Concern in Groundwater

Grab groundwater samples B-1, B-2 and B-4 contained TPHd above the laboratory reporting limit at concentrations of 170 micrograms per liter (μg/L), 510 μg/L, and 290 μg/L. The laboratory report contain a note stating the chromatographic pattern for TPHd does not resemble the typical reference standard and that the detected concentrations are due to unknown organics present in the sample within the diesel range. Benzene and toluene were

[1] Environmental Screen Level, San Francisco Bay Regional Water Quality Control Board 2007, Rev. December 2013, Tier 1 ESLs, Groundwater is a current or potential drinking water resource.

detected in all grab groundwater samples at maximum concentrations of 0.23 μg/L and 0.22 μg/L; however, according to the laboratory report, the detected concentrations are estimates and lie between the method detection limit (MDL) and the practical quantitation limit (PQL). The fuel oxygenate MTBE was detected in samples from B-1, B-2, B-4 and B-5 at concentrations ranging from 0.54 μg/L (B-5) to 4.8 (B-2).

Other target analytes, including ethylbenzene, xylenes, DIPE, ETBE, TAME, TBA and naphthalene were not detected in any grab groundwater samples above laboratory reporting limits.

Grab groundwater analytical results are presented in Table 1 and a copy of the laboratory analytical report is included in Attachment C.

5.4 Free-Phase Hydrocarbons

Free-phase hydrocarbons were not encountered during the July 1, 2014 investigation.

6.0 ELECTRONIC LABORATORY DATA SUBMITTAL

All report documents and data, including boring logs, an updated site map and laboratory analytical reports, were submitted in electronic format to GeoTracker, the California online geospatial database. This report was converted to PDF format and submitted as a GEO_REPORT file. Attachment D contains the GeoTracker submission confirmations.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the site investigation, TEC provides the following conclusions and recommendations:

- Encountered soils were generally fine-grained (clay and silt) from near surface grade to 18 -19 ft bsg. Gravel was encountered below the fine-grained unit in borings B-1, B-2 and B-4 through B-6 to total depth; gravel was not encountered in B-3.

- Elevated PID readings recorded during drilling did not correlate to elevated concentrations of chemicals of concern.

- Detected concentrations of chemicals of concern in soil were below laboratory reporting limits for all analytes with the exception of TPHd; all detected concentrations of TPHd in soil were below the most conservative ESL and the State Water Resources Control Board's Low Threat Underground Storage Tank Case Closure Policy (LTCP) criteria. Shallow soil samples (soil between 0 and 5 ft bsg) were not collected and analyzed because any potentially impacted shallow soil was removed during tank removal activities in 1997 and 2009. The tanks removed in 2009 were equipped with tank-top dispensers and piping and, therefore, any impacted shallow soil associated with fueling operations was removed during tank removal activity. In addition, pea gravel used to backfill the tank pit during the 1997 tank removal was encountered in boring B-6 from just below the concrete surface to 7.5 ft bsg. Any impacted shallow soil present while the tanks were in operation was removed during tank removal in 1997. Therefore, given that shallow soil was excavated during tank removal activities in 1997 and 2009 and that

concentrations of chemicals of concern in soil from 8 ft bsg at all locations were below the most stringent ESL, TEC believes that the site meets LTCP shallow soil criteria. Detected concentrations in deeper soil also meet the LTCP critera.

- Chemicals of concern, including TPHg, BTEX, fuel oxygenates and naphthalene were all either below laboratory reporting limits or below the most stringent ESL. Although TPHd was detected in three of the six samples above the most stringent ESL, the laboratory report the states detected concentrations of TPHd do not appear to be diesel but instead are non-diesel organics. Therefore, the site meets the LTCP criteria for groundwater.

- Volatile chemicals were not detected in soil or groundwater above LTCP thresholds and therefore, soil vapor sampling is not required to satisfy the LTCP.

- An updated Site Conceptual Model is included in Attachment E.

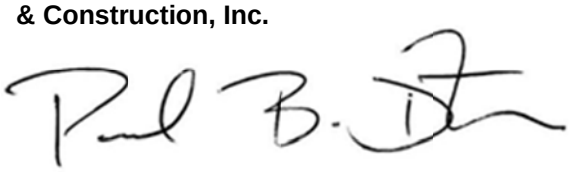
- TEC recommends no further action for this site.

8.0 LIMITATIONS AND SIGNATURES

Our services consist of professional opinions, conclusions, and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied. TEC's liability is limited to the dollar amount of the work performed.

TEC would like to thank you in advance for your assistance and prompt attention to this matter. Please feel free to contact Paul Dotson at (650) 616-1208 if you have any questions or comments.

Sincerely,
Technology, Engineering & Construction, Inc.



Paul Dotson, P.G. # 8237
California Professional Geologist

James M. Hanlon, Sr., P. E.
Project Engineer

TABLE

Table 1
Summary of Soil and Grab Groundwater Analytical Results
California Glass Company
155 98th Avenue
Oakland, California

Sample ID	Sample Matrix	Date Sampled	Sample Depth (ft bsg)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	DIPE	ETBE	TAME	TBA	Naphthalene
				(mg/kg)		(mg/kg)									
			[1]*ESL:*	*110*	*500*	*0.044*	*2.9*	*3.3*	*2.3*	*0.023*	*NA*	*NA*	*NA*	*0.075*	*1.200*
			[2]*ESL:*	*110*	*770*	*0.044*	*2.9*	*3.3*	*2.3*	*0.023*	*NA*	*NA*	*NA*	*0.075*	*1.2*
Stock Pile (Comp 1- 4)	Soil	3/11/2009	N/A	35	0.45[x]	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	--
NW	Soil	3/11/2009	10	3.36[y]	1.9[y]	<0.01	<0.01	0.03	0.14	<0.01	<0.01	<0.01	<0.01	<0.05	--
NE	Soil	3/11/2009	10	<2	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	--
SW	Soil	3/11/2009	10	<2	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	--
SE	Soil	3/11/2009	10	5.32	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	--
B-1 @ 8'	Soil	7/1/2014	8	4.0 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-1 @ 13'	Soil	7/1/2014	13	9.8 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-2 @ 8'	Soil	7/1/2014	8	6.7 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-2 @ 13'	Soil	7/1/2014	13	17 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-3 @ 8'	Soil	7/1/2014	8	3.9 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-3 @ 13'	Soil	7/1/2014	13	15 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-4 @ 8'	Soil	7/1/2014	8	21 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-4 @ 10'	Soil	7/1/2014	10	15 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-4 @ 13'	Soil	7/1/2014	13	11 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-5 @ 8'	Soil	7/1/2014	8	8.4 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-5 @ 13'	Soil	7/1/2014	13	5.3 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-6 @ 8'	Soil	7/1/2014	8	<40 [2]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
B-6 @ 13'	Soil	7/1/2014	13	7.5 [1]	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01

Sample ID	Sample Matrix	Date Sampled	Sample Depth (ft bsg)	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	DIPE	ETBE	TAME	TBA	Naphthalene
				(µg/L)		(µg/L)									
			[3]*ESL:*	*NA*	*NA*	*27*	*95,000*	*310*	*37,000*	*9,900*	*NA*	*NA*	*NA*	*NA*	*160*
			[4]*ESL:*	*100*	*100*	*1*	*40*	*30*	*20*	*5*	*NA*	*NA*	*NA*	*12*	*6*
			[5]*ESL:*	*640*	*500*	*27*	*130*	*43*	*100*	*1,800*	*NA*	*NA*	*NA*	*18,000*	*24*
Pit Water	Groundwater	3/11/2009	9	**8,790**[z]	**25,000**	**1,050**	**4,300**	**889**	**5,020**	<22	<22	<22	<22	<440	--
B-1	Groundwater	7/1/2014	20	**170** [1]	<62	0.19 [J]	0.12 [J]	<0.62	<1.82	0.72	<0.62	<0.62	<0.62	<6.2	<1.2
B-2	Groundwater	7/1/2014	20	**510** [1]	<60	0.12 [J]	0.072 [J]	<0.60	<1.82	4.8	<0.60	<0.60	<0.60	<6.0	<1.2
B-3	Groundwater	7/1/2014	20	<130	<59	0.16 [J]	0.11 [J]	<0.59	<1.79	<0.59	<0.59	<0.59	<0.59	<5.9	<1.2
B-4	Groundwater	7/1/2014	20	**290** [1]	<70	0.17 [J]	0.13 [J]	<0.70	<2.1	1.4	<0.70	<0.70	<0.70	<7.0	<1.4
B-5	Groundwater	7/1/2014	20	<130	<56	0.2	0.17	<0.56	<1.66	0.54 [J]	<0.56	<0.56	<0.56	<5.6	<1.1
B-6	Groundwater	7/1/2014	20	<130	<60	0.23	0.22	<0.60	<1.82	<0.60	<0.60	<0.60	<0.60	<6.0	<1.2

Table 1
Summary of Soil and Grab Groundwater Analytical Results
California Glass Company
155 98th Avenue
Oakland, California

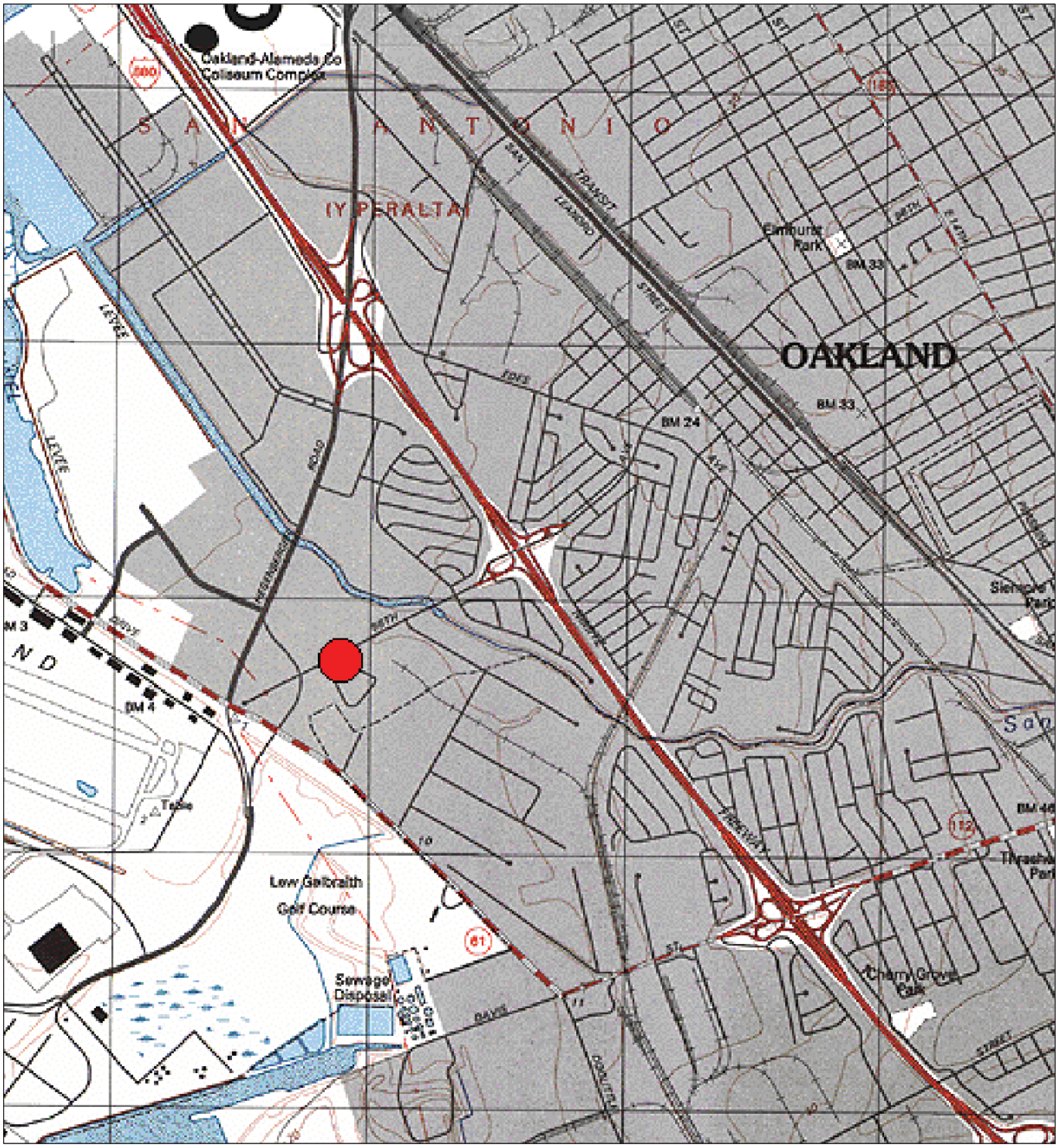
Abbreviations:
TPHd = total petroleum hydrocarbons quantified as diesel
TPHg = total petroleum hydrocarbon quantified as gasoline
MTBE = methyl tert-butyl ether
DIPE = diisopropyl ether
ETBE = ethyl tert-butyl ether
TAME = tert-amyl methyl ether
TBA = tert-butyl alcohol
mg/kg = milligrams per kilogram
µg/L = micrograms per liter
NA = not appliable; an ESL has not been established
ft bsg = feet below surface grade

Notes:
TPHd analyzed by EPA Method 8015B(M), all other compounds analyzed by EPA Method 8260B
Stock Pile (Comp 1 - 4) = soil stockpile sample, collected from four locations and composited into a single sample for analysis
UST removal soil samples collected from each corner of the open UST excavation pit (sample ID corresponds to pit location)
x = Not typical gasoline, reported value due to heavy amount of hydrocarbons (C5 - C12 range) quantified as gasoline
y = Although gasoline constituents present, result does not resemble typical gasoline. Reported value includes significant portion of heavy hydrocarbon (C5 - C12 range) quantified as gasoline
z = Not typical diesel, hydrocarbons within diesel range (possibly aged diesel) quantitiated as diesel
1 = Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.
2 = Sample analyzed at a dilution factor due to high concentration of non target compound supressing surrogate recovery.
J = Indicates a value between the MDL and PQL and that the reported concentration should be considered as estimated rather than quantitative.
< = Concentration less than laboratory reporting limits
-- = not analyzed
Highlighted rows are current data

ESL : Environmental Screening Level established by California Water Quality Control Board, San Francisco Bay Region: *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* ; revised December 2013
[1] = Environmental Screening Level for deep soil (>3 meters bgs), commercial/industrial area, groundwater is a current or potential drinking water resource, Table A-2
[2] = Environmental Screening Level for deep soil (>3 meters bgs), commercial/industrial area, groundwater is not a current or potential drinking water resource, Table C-2
[3] = Environmental Screening Level for groundwater, evaluation of potential vapor intrusions, Table E-1
[4] = Environmental Screening Level for groundwater, groundwater is a current or potential drinking water resource, Table F-1a
[5] = Environmental Screening Level for groundwater, groundwater is not a current or potential drinking water resource, Table F-1b

FIGURES

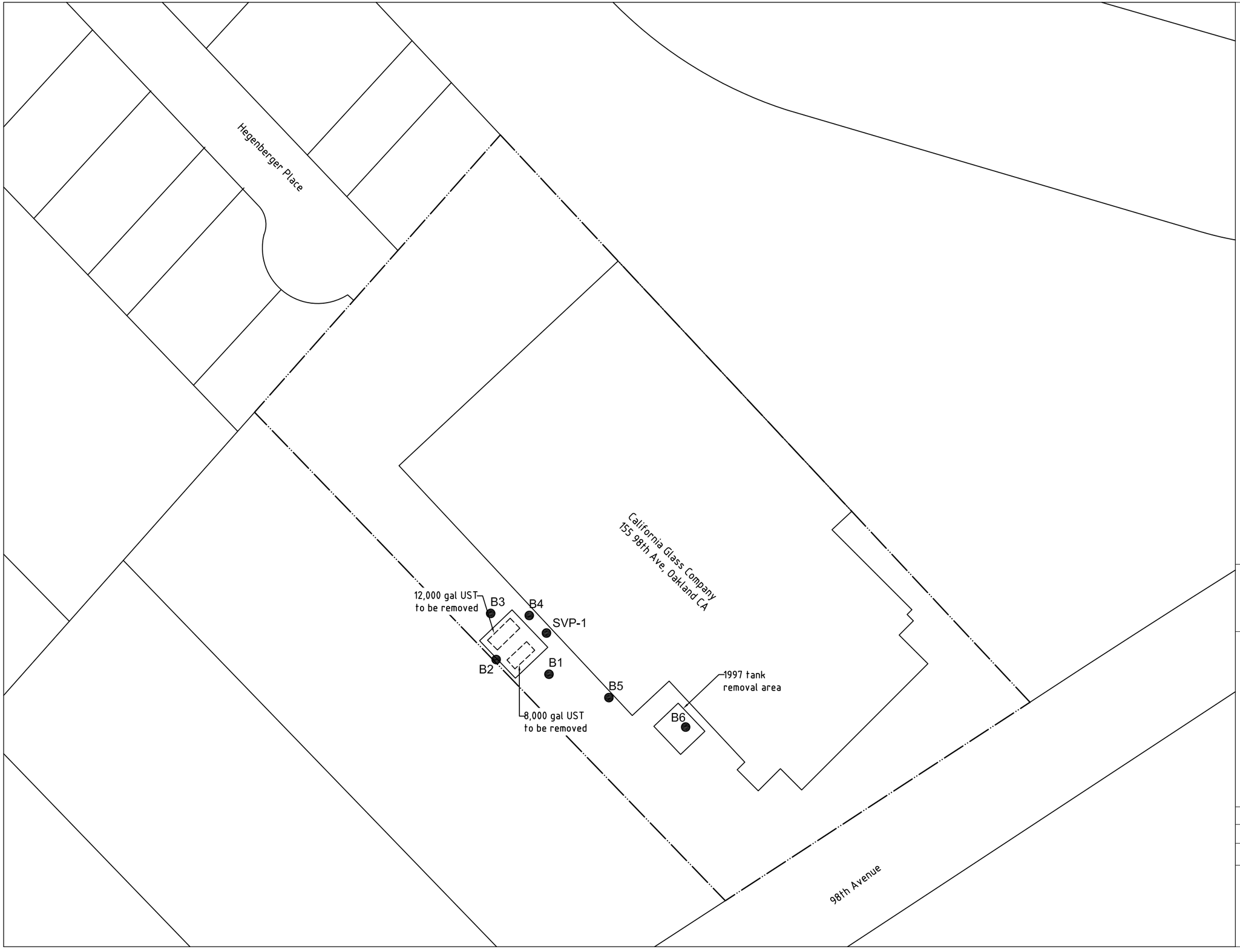
S:\1 Environmental_Dept\Active Sites\UST Removal\155 98th ave. Oakland, CA\2009 01 TP 155 98th Ave E306.dwg, 1/5/2009 11:58:14 AM, Ichan



0 1/2 1Mile

0 1,000m

N	Site Location	**California Glass Company** 155 98th Avenue Oakland, California	**FIGURE**	**TITLE**
	Map By: TOPO!			
	Date: 01/05/2009		**1**	**Vicinity Map**
	Drafted By: LC	TEC ACCUTITE 262 Michelle Court So. San Francisco, CA 94080 Main: (650) 616-1200 Fax: (650) 616-1244		



Former California Glass Company
155 98th Avenue
Oakland, California

FIGURE
2

Site Map

Revision:	
Date:	5/15/2014
Drafted By:	RD

TEC ACCUTITE
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

ATTACHMENT A

PERMIT

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: 06/20/2014 By jamesy

Permit Numbers: W2014-0603
Permits Valid from 07/01/2014 to 07/01/2014

Application Id:	1402945680629	**City of Project Site:**	Oakland
Site Location:	155 98th Avenue Oakland, CA 94603		
Project Start Date:	07/01/2014	**Completion Date:**	07/01/2014
Assigned Inspector:	Contact Sam Brathwaite at (925) 570-7609 or sbrathwaite@groundzonees.com		
Applicant:	TEC Accutite - Paul Dotson 262 Michelle Ct, South San Francisco, CA 94080	**Phone:**	650-222-0890
Property Owner:	Marc Silvani 5825 Old School Road, Pleasanton, CA 94588	**Phone:**	510-701-4446
Client:	Marc Silvani 5825 Old School Road, Pleasanton, CA 94588	**Phone:**	--
Contact:	Paul Dotson	**Phone:** **Cell:**	650-222-0890 --

Total Due: $265.00
Receipt Number: WR2014-0255 **Total Amount Paid:** $265.00
Payer Name : Technology, Engineering & Construction, Inc. TEC Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 6 Boreholes
Driller: Penecore - Lic #: 906899 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2014-0603	06/20/2014	09/29/2014	6	2.50 in.	20.00 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.

ATTACHMENT B

BORING LOGS

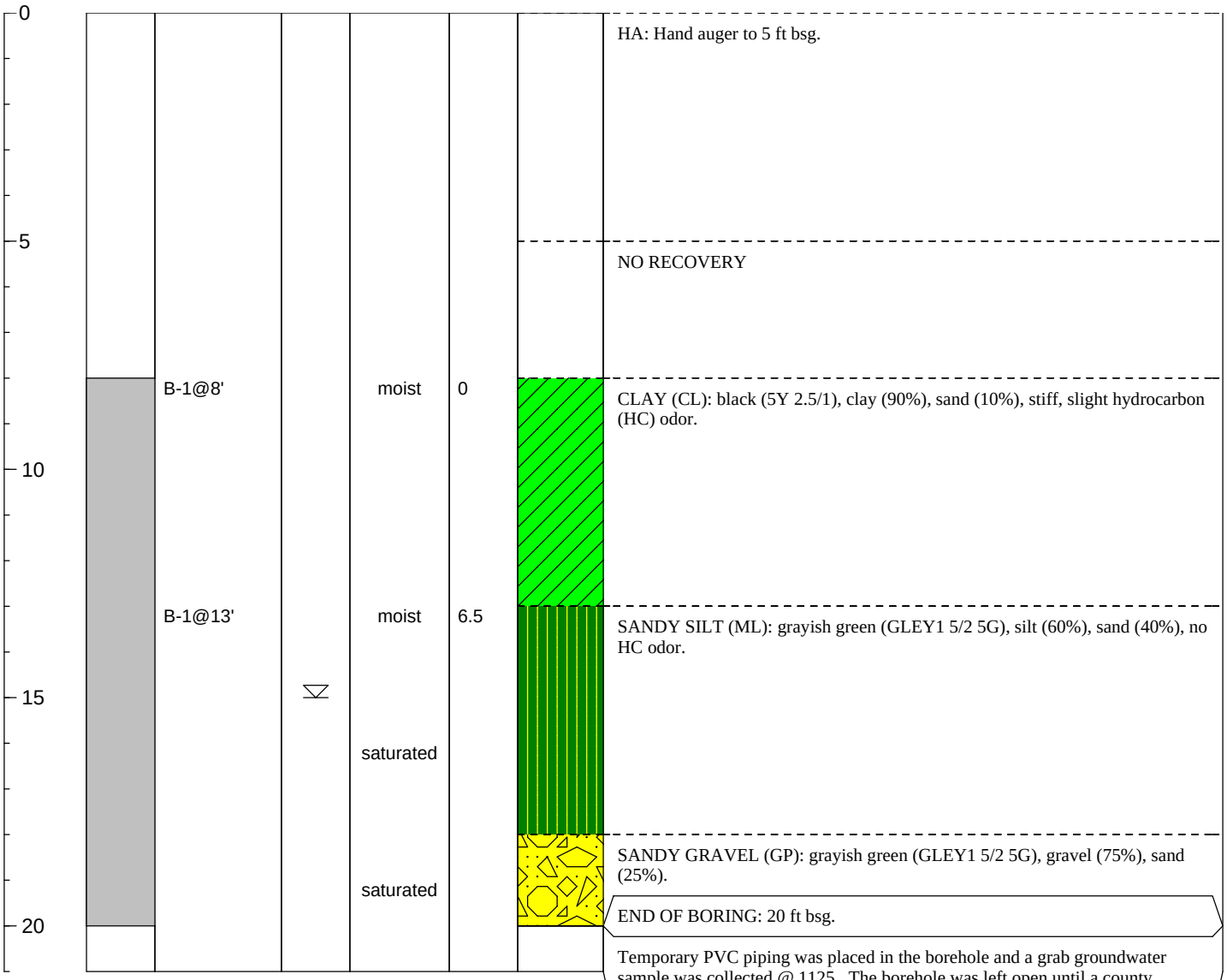
TEC ACCUTITE

SOIL BORING LOG

BORING NUMBER **B-1**

CLIENT:	**M. Silvani**	BORING DIAMETER:	**2.25 inches**
LOCATION:	**155 98th Avenue, Oakland**	TOTAL DEPTH:	**20 ft bsg**
DRILLING CO:	**Penecore**	DATE STARTED:	**7/1/14**
DRILLING METHOD:	**Direct Push Technology**	DATE COMPLETED:	**7/1/14**
SAMPLING METHOD:	**Macro-Core liners**	SURFACE ELEVATION	**Not measured**
GEOLOGIST:	**B. Doherty**	FIRST ENCOUNTERED WATER	**15 ft bsg**
REVIEWED BY:	**P. Dotson, PG #8237**	STATIC WATER LEVEL	**not measured**

FT BSG = FEET BELOW SURFACE GRADE



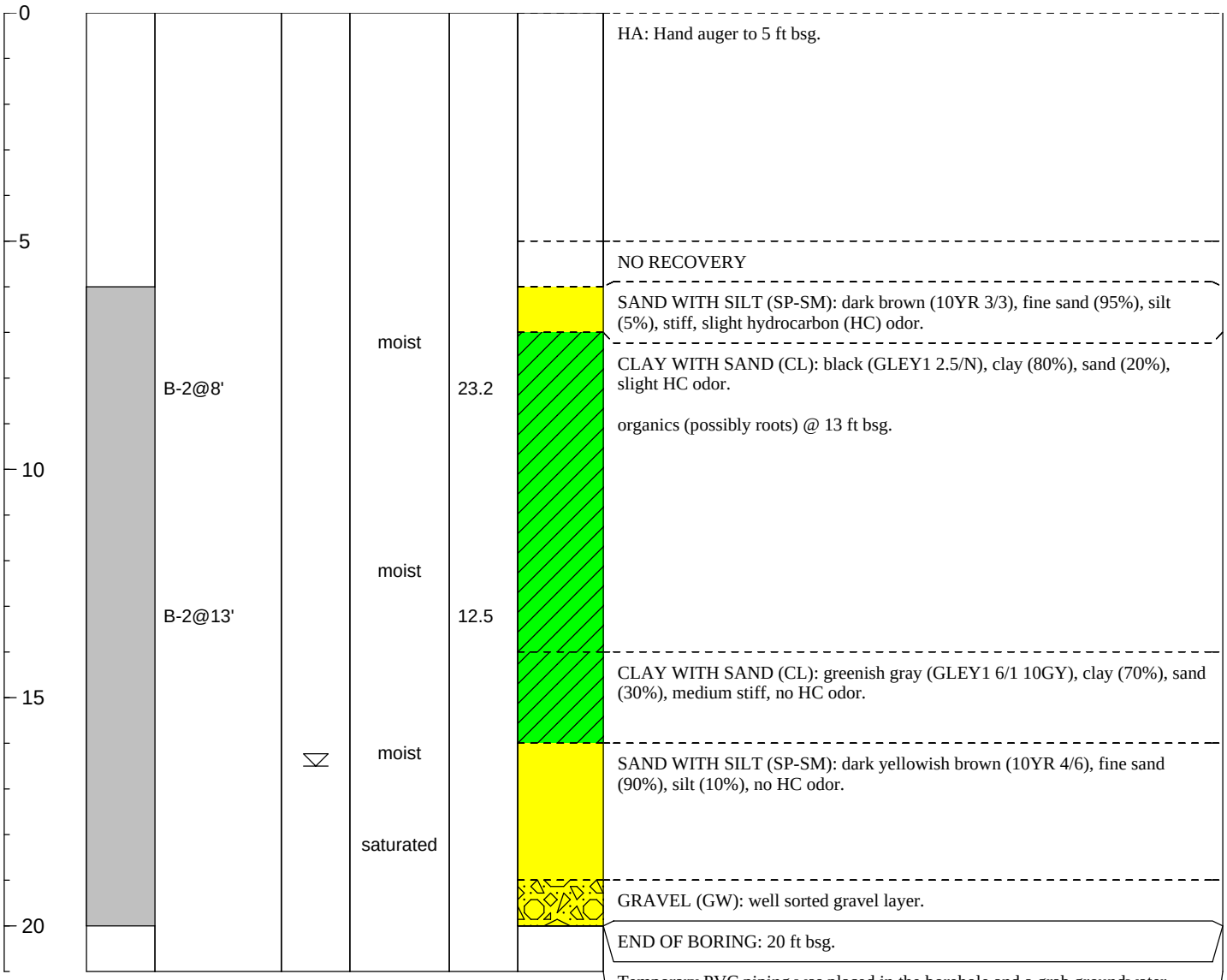
TEC ACCUTITE

SOIL BORING LOG

BORING NUMBER **B-2**

CLIENT:	**M. Silvani**	BORING DIAMETER:	**2.25 inches**
LOCATION:	**155 98th Avenue, Oakland**	TOTAL DEPTH:	**20 ft bsg**
DRILLING CO:	**Penecore**	DATE STARTED:	**7/1/14**
DRILLING METHOD:	**Direct Push Technology**	DATE COMPLETED:	**7/1/14**
SAMPLING METHOD:	**Macro-Core liners**	SURFACE ELEVATION	**Not measured**
GEOLOGIST:	**B. Doherty**	FIRST ENCOUNTERED WATER	**16.5 ft bsg**
REVIEWED BY:	**P. Dotson, PG #8237**	STATIC WATER LEVEL	**not measured**

FT BSG = FEET BELOW SURFACE GRADE

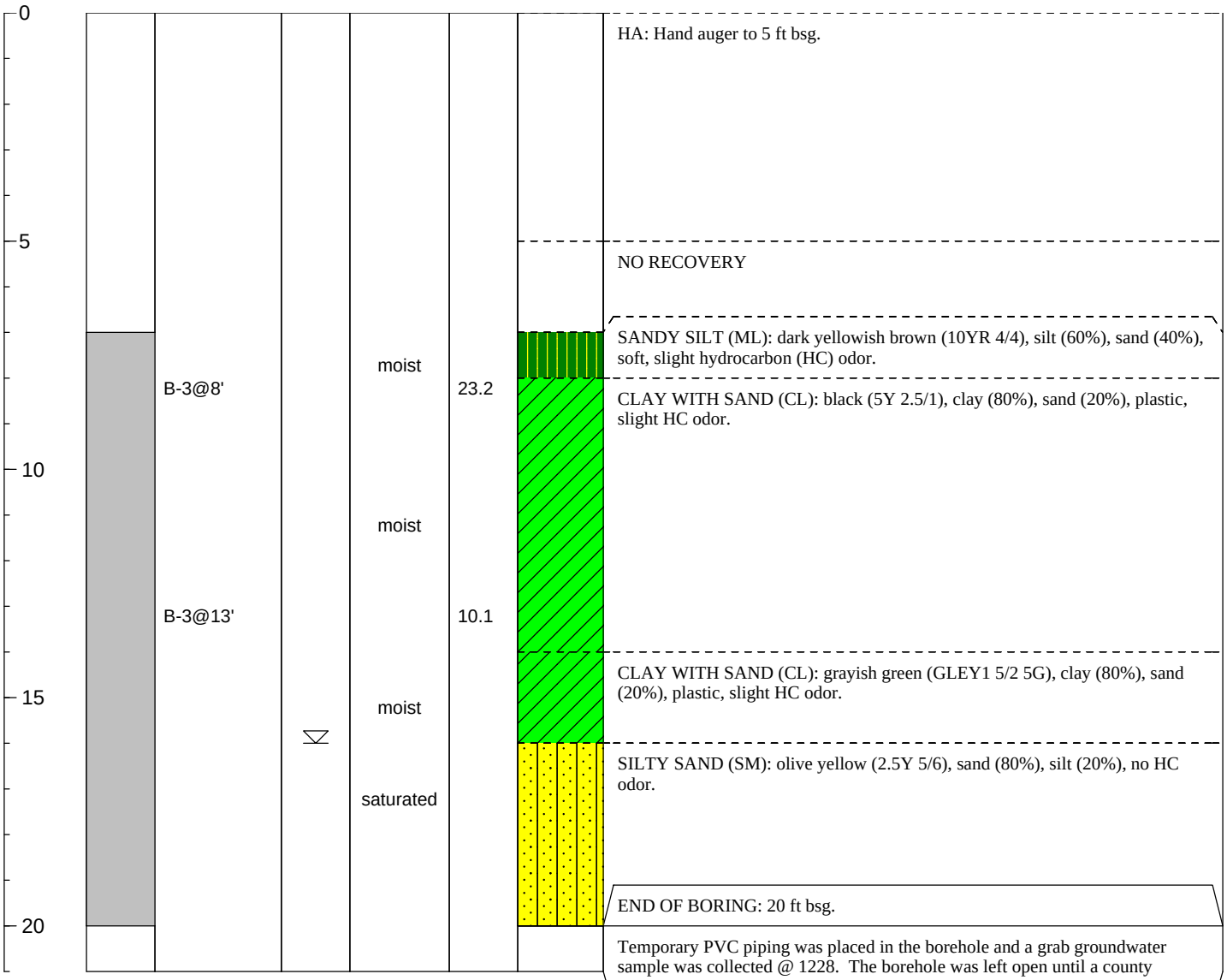


DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION

TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER B-3

CLIENT:	M. Silvani	BORING DIAMETER:	2.25 inches
LOCATION:	155 98th Avenue, Oakland	TOTAL DEPTH:	20 ft bsg
DRILLING CO:	Penecore	DATE STARTED:	7/1/14
DRILLING METHOD:	Direct Push Technology	DATE COMPLETED:	7/1/14
SAMPLING METHOD:	Macro-Core liners	SURFACE ELEVATION	Not measured
GEOLOGIST:	B. Doherty	FIRST ENCOUNTERED WATER	16 ft bsg
REVIEWED BY:	P. Dotson, PG #8237	STATIC WATER LEVEL	not measured

FT BSG = FEET BELOW SURFACE GRADE



TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER B-4

CLIENT:	M. Silvani	BORING DIAMETER:	2.25 inches
LOCATION:	155 98th Avenue, Oakland	TOTAL DEPTH:	20 ft bsg
DRILLING CO:	Penecore	DATE STARTED:	7/1/14
DRILLING METHOD:	Direct Push Technology	DATE COMPLETED:	7/1/14
SAMPLING METHOD:	Macro-Core liners	SURFACE ELEVATION	Not measured
GEOLOGIST:	B. Doherty	FIRST ENCOUNTERED WATER	16.5 ft bsg
REVIEWED BY:	P. Dotson, PG #8237	STATIC WATER LEVEL	not measured

FT BSG = FEET BELOW SURFACE GRADE

DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION
0							HA: Hand auger to 5 ft bsg.
5				moist			CLAY (CL): black (GLEY1 2.5/N), clay (90%), sand (10%), stiff, slight HC odor. HC odor and moisture increase with depth to 10 ft bsg.
		B-4@8'		wet	13.7		
10		B-4@10'		moist	93.7		
		B-4@13'			6.5		
15			▽	moist			SILTY SAND (SM): grayish green (GLEY1 5/2 5G), no odor.
				saturated			GRAVEL (GW): light olive brown (2.5Y 5/6), gravel (90%), sand (10%), no HC odor.
20							END OF BORING: 20 ft bsg.

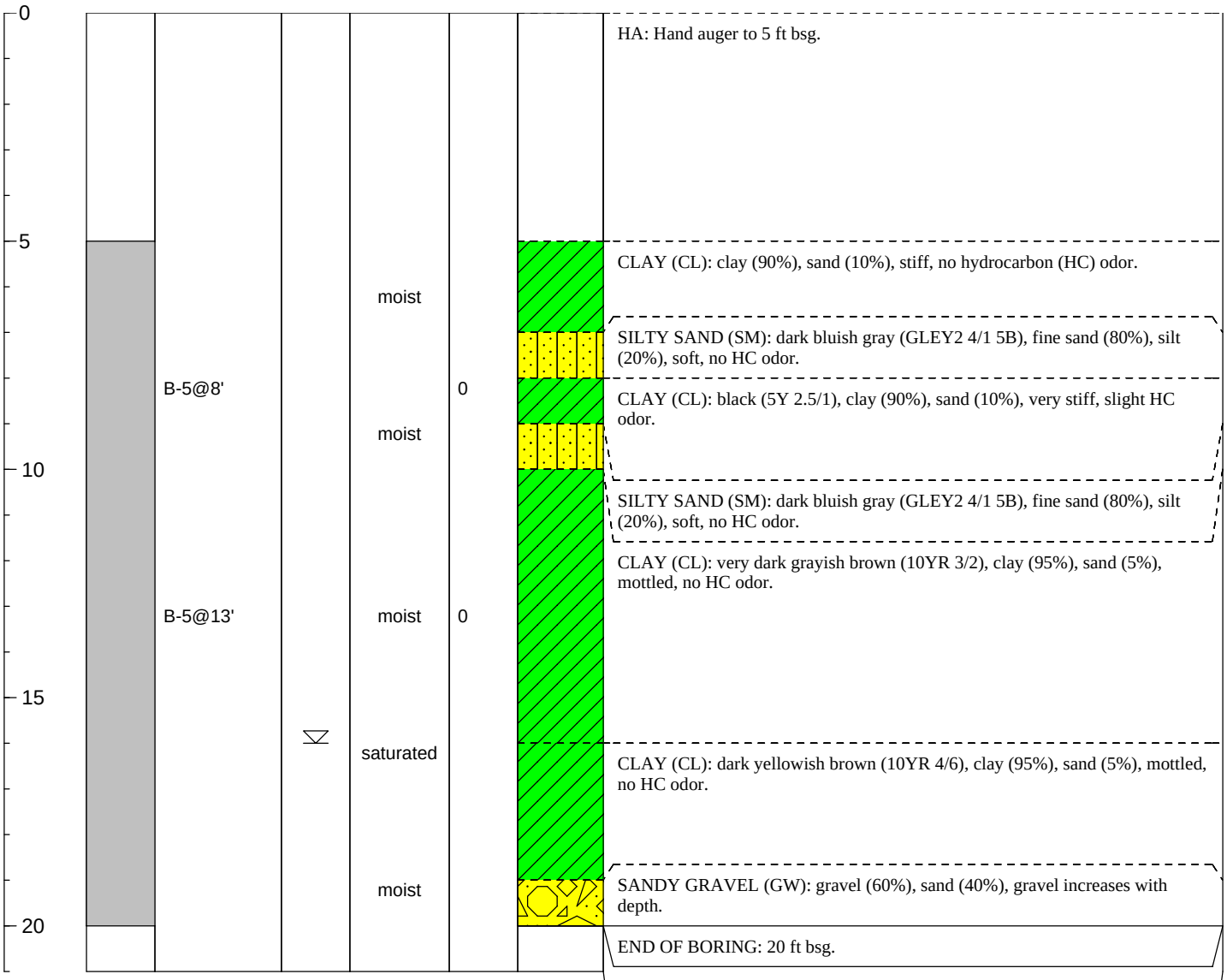
Temporary PVC piping was placed in the borehole and a grab groundwater sample was collected @ 1356. The borehole was left open until a county inspector was present. Hole was then tremmie grouted to surface grade.

TEC ACCUTITE

SOIL BORING LOG

BORING NUMBER **B-5**

CLIENT:	**M. Silvani**	BORING DIAMETER:	**2.25 inches**
LOCATION:	**155 98th Avenue, Oakland**	TOTAL DEPTH:	**20 ft bsg**
DRILLING CO:	**Penecore**	DATE STARTED:	**7/1/14**
DRILLING METHOD:	**Direct Push Technology**	DATE COMPLETED:	**7/1/14**
SAMPLING METHOD:	**Macro-Core liners**	SURFACE ELEVATION	**Not measured**
GEOLOGIST:	**B. Doherty**	FIRST ENCOUNTERED WATER	**16 ft bsg**
REVIEWED BY:	**P. Dotson, PG #8237**	STATIC WATER LEVEL	**not measured**
		FT BSG = FEET BELOW SURFACE GRADE	

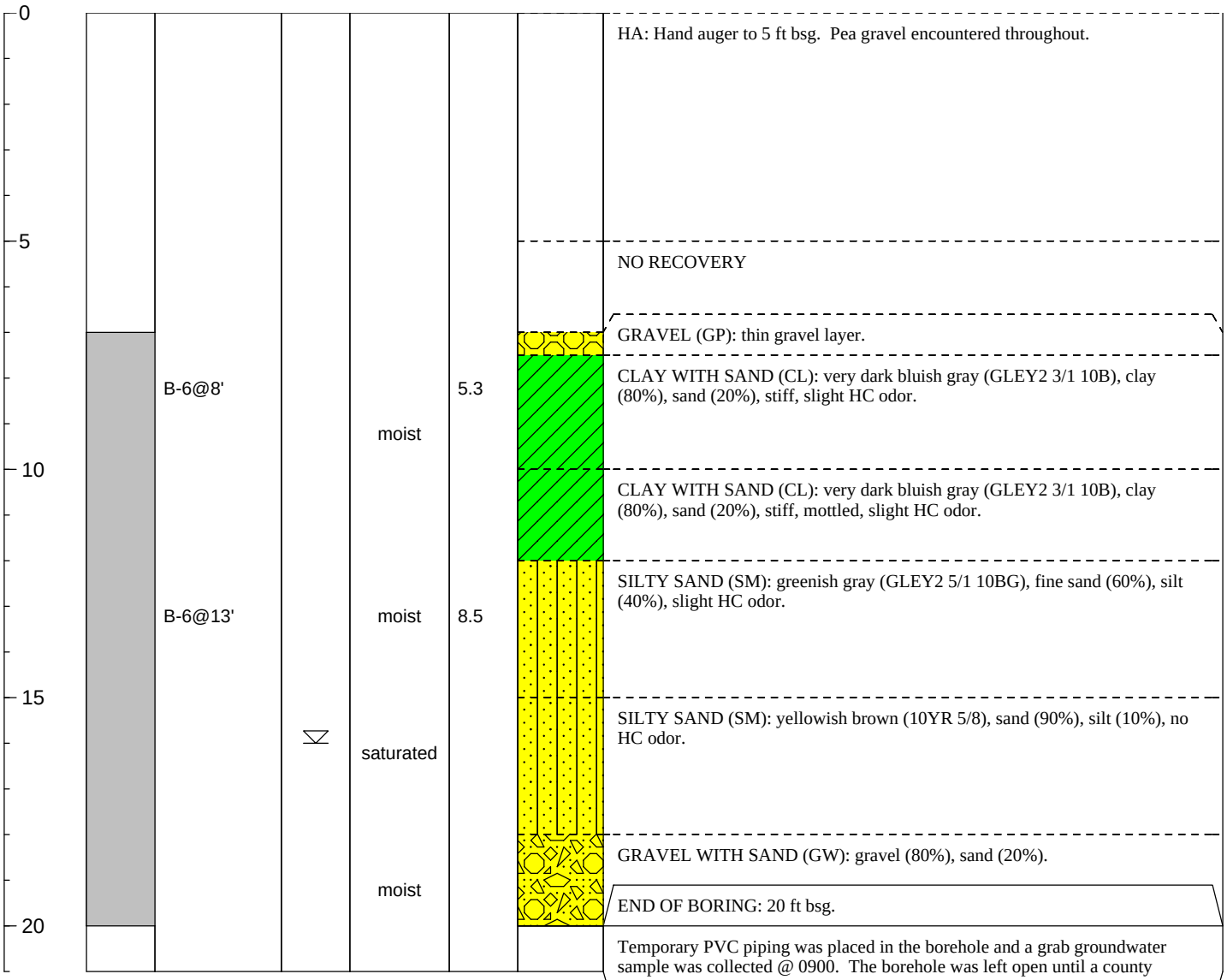


DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION

TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER B-6

CLIENT:	M. Silvani	BORING DIAMETER:	2.25 inches
LOCATION:	155 98th Avenue, Oakland	TOTAL DEPTH:	20 ft bsg
DRILLING CO:	Penecore	DATE STARTED:	7/1/14
DRILLING METHOD:	Direct Push Technology	DATE COMPLETED:	7/1/14
SAMPLING METHOD:	Macro-Core liners	SURFACE ELEVATION	Not measured
GEOLOGIST:	B. Doherty	FIRST ENCOUNTERED WATER	16 ft bsg
REVIEWED BY:	P. Dotson, PG #8237	STATIC WATER LEVEL	not measured

FT BSG = FEET BELOW SURFACE GRADE



DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION

ATTACHMENT C

LABORATORY ANALYTICAL REPORTS

Tec Accutite
262 Michelle Ct
South San Francisco, California 94080
Tel: (650) 616-1200
Fax: (650) 616-1244
Email: tecaccutite@gmail.com

RE: 155 98th Avenue,Oakland

Work Order No.: 1407023

Dear Paul Dotson:

Torrent Laboratory, Inc. received 19 sample(s) on July 03, 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

July 11, 2014
Date

Date: 7/11/2014

Client: Tec Accutite

Project: 155 98th Avenue,Oakland

Work Order: 1407023

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: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

B-1 @ 8' 1407023-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	4.0	mg/Kg

B-1 @ 13' 1407023-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	9.8	mg/Kg

B-2 @ 8' 1407023-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	6.7	mg/Kg

B-2 @ 13' 1407023-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	17	mg/Kg

B-3 @ 8' 1407023-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	3.9	mg/Kg

Sample Result Summary

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

B-3 @ 13' 1407023-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	15	mg/Kg

B-4 @ 8' 1407023-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	21	mg/Kg

B-4 @ 10' 1407023-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	15	mg/Kg

B-4 @ 13' 1407023-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	11	mg/Kg

B-5 @ 8' 1407023-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	8.4	mg/Kg

Sample Result Summary

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

B-5 @ 13' 1407023-011

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	5.3	mg/Kg

B-6 @ 8' 1407023-012

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

B-6 @ 13' 1407023-013

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B(M)	1	0.500	2.0	7.5	mg/Kg

B-1 1407023-014

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1.24	0.21	0.62	0.72	ug/L
Benzene	SW8260B	1.24	0.11	0.62	0.19	ug/L
Toluene	SW8260B	1.24	0.073	0.62	0.12	ug/L
TPH as Diesel	SW8015B(M)	1	0.0612	0.15	0.17	mg/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

B-2 1407023-015

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1.20	0.21	0.60	4.8	ug/L
Benzene	SW8260B	1.20	0.10	0.60	0.12	ug/L
Toluene	SW8260B	1.20	0.071	0.60	0.072	ug/L
TPH as Diesel	SW8015B(M)	1	0.0532	0.13	0.51	mg/L

B-3 1407023-016

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	1.17	0.10	0.59	0.16	ug/L
Toluene	SW8260B	1.17	0.069	0.59	0.11	ug/L

B-4 1407023-017

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1.40	0.24	0.70	1.4	ug/L
Benzene	SW8260B	1.40	0.12	0.70	0.17	ug/L
Toluene	SW8260B	1.40	0.083	0.70	0.13	ug/L
TPH as Diesel	SW8015B(M)	1	0.0612	0.15	0.29	mg/L

B-5 1407023-018

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1.11	0.19	0.56	0.54	ug/L
Benzene	SW8260B	1.11	0.097	0.56	0.20	ug/L
Toluene	SW8260B	1.11	0.066	0.56	0.17	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Paul Dotson

Tec Accutite

Date Received: 07/03/14

Date Reported: 07/11/14

B-6

1407023-019

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1.20	0.21	0.60	2.7	ug/L
Benzene	SW8260B	1.20	0.10	0.60	0.23	ug/L
Toluene	SW8260B	1.20	0.071	0.60	0.22	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-1 @ 8'	**Lab Sample ID:**	1407023-001A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 11:10		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	130		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	118		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	125		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	68.1		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	4.0	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	103		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-1 @ 13'	**Lab Sample ID:**	1407023-002A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 11:15		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	124		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	117		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	127		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	73.0		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	9.8	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	107		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-2 @ 8'	**Lab Sample ID:**	1407023-003A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 14:20		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	126		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	121		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	115		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	68.9		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	6.7	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	121		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-2 @ 13'	**Lab Sample ID:**	1407023-004A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 14:29		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	127		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	118		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	126		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	74.8		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	17	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	129		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-3 @ 8'	**Lab Sample ID:**	1407023-005A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 12:13		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	133		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	121		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	132		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	63.0		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	3.9	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	85.5		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-3 @ 13'	**Lab Sample ID:**	1407023-006A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 12:17		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	130		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	123		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	130		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	66.8		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	15	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	103		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-4 @ 8'	**Lab Sample ID:**	1407023-007A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 13:39		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	131		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	116		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	128		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	70.1		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	21	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	123		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-4 @ 10'	**Lab Sample ID:**	1407023-008A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 13:48		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	129		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	117		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	132		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	80.8		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	15	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	109		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-4 @ 13'	**Lab Sample ID:**	1407023-009A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 13:51		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	128		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	118		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	128		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	77.6		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	11	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	99.6		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-5 @ 8'	**Lab Sample ID:**	1407023-010A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 10:08		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/09/14	1	2.6	10	ND		ug/Kg	421458	NA
tert-Butanol	SW8260B	NA	07/09/14	1	21	50	ND		ug/Kg	421458	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/09/14	1	2.2	10	ND		ug/Kg	421458	NA
ETBE	SW8260B	NA	07/09/14	1	2.4	10	ND		ug/Kg	421458	NA
Benzene	SW8260B	NA	07/09/14	1	1.5	10	ND		ug/Kg	421458	NA
TAME	SW8260B	NA	07/09/14	1	2.1	10	ND		ug/Kg	421458	NA
Toluene	SW8260B	NA	07/09/14	1	0.98	10	ND		ug/Kg	421458	NA
Ethyl Benzene	SW8260B	NA	07/09/14	1	0.86	10	ND		ug/Kg	421458	NA
m,p-Xylene	SW8260B	NA	07/09/14	1	1.9	10	ND		ug/Kg	421458	NA
o-Xylene	SW8260B	NA	07/09/14	1	0.66	5.0	ND		ug/Kg	421458	NA
Naphthalene	SW8260B	NA	07/09/14	1	2.8	10	ND		ug/Kg	421458	NA
(S) Dibromofluoromethane	SW8260B	NA	07/09/14	1	59.8	148	126		%	421458	NA
(S) Toluene-d8	SW8260B	NA	07/09/14	1	55.2	133	132		%	421458	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/09/14	1	55.8	141	130		%	421458	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/9/14	07/09/14	1	30	100	ND		ug/Kg	421458	12139
(S) 4-Bromofluorobenzene	8260TPH	7/9/14	07/09/14	1	43.9	127	56.0		%	421458	12139

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	8.4	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	97.1		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-5 @ 13'	**Lab Sample ID:**	1407023-011A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 10:16		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	134		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	119		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	127		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	76.3		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	5.3	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	105		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-6 @ 8'	**Lab Sample ID:**	1407023-012A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 8:47		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	120		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	123		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	134		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	65.2		%	421464	12143

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 Diesel	SW8015B(M)	7/7/14	07/07/14	5	10.0	40	ND		mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	5	57.9	129	127		%	421429	12108

NOTE: Sample analyzed at a dilution factor sue to high concentration of a non target compound supressing surrogate recovery.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-6 @ 13'	**Lab Sample ID:**	1407023-013A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	07/01/14 / 8:53		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/08/14	1	2.6	10	ND		ug/Kg	421464	NA
tert-Butanol	SW8260B	NA	07/08/14	1	21	50	ND		ug/Kg	421464	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1	2.2	10	ND		ug/Kg	421464	NA
ETBE	SW8260B	NA	07/08/14	1	2.4	10	ND		ug/Kg	421464	NA
Benzene	SW8260B	NA	07/08/14	1	1.5	10	ND		ug/Kg	421464	NA
TAME	SW8260B	NA	07/08/14	1	2.1	10	ND		ug/Kg	421464	NA
Toluene	SW8260B	NA	07/08/14	1	0.98	10	ND		ug/Kg	421464	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1	0.86	10	ND		ug/Kg	421464	NA
m,p-Xylene	SW8260B	NA	07/08/14	1	1.9	10	ND		ug/Kg	421464	NA
o-Xylene	SW8260B	NA	07/08/14	1	0.66	5.0	ND		ug/Kg	421464	NA
Naphthalene	SW8260B	NA	07/08/14	1	2.8	10	ND		ug/Kg	421464	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1	59.8	148	125		%	421464	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1	55.2	133	114		%	421464	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1	55.8	141	123		%	421464	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/8/14	07/08/14	1	30	100	ND		ug/Kg	421464	12143
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1	43.9	127	81.3		%	421464	12143

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.500	2.0	7.5	x	mg/Kg	421429	12108
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	57.9	129	110		%	421429	12108

NOTE: x- Chromatographic pattern does not resemble typical reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-1	**Lab Sample ID:**	1407023-014A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 11:25		
Tag Number:	155 98th Avenue,Oakland		

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.											
MTBE	SW8260B	NA	07/08/14	1.24	0.21	0.62	0.72		ug/L	421446	NA
tert-Butanol	SW8260B	NA	07/08/14	1.24	1.9	6.2	ND		ug/L	421446	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1.24	0.19	0.62	ND		ug/L	421446	NA
ETBE	SW8260B	NA	07/08/14	1.24	0.16	0.62	ND		ug/L	421446	NA
Benzene	SW8260B	NA	07/08/14	1.24	0.11	0.62	0.19	J	ug/L	421446	NA
TAME	SW8260B	NA	07/08/14	1.24	0.12	0.62	ND		ug/L	421446	NA
Toluene	SW8260B	NA	07/08/14	1.24	0.073	0.62	0.12	J	ug/L	421446	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1.24	0.092	0.62	ND		ug/L	421446	NA
m,p-Xylene	SW8260B	NA	07/08/14	1.24	0.17	1.2	ND		ug/L	421446	NA
o-Xylene	SW8260B	NA	07/08/14	1.24	0.094	0.62	ND		ug/L	421446	NA
Naphthalene	SW8260B	NA	07/08/14	1.24	0.17	1.2	ND		ug/L	421446	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1.24	61.2	131	90.3		%	421446	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1.24	75.1	127	88.1		%	421446	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1.24	64.1	120	84.1		%	421446	NA

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

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	7/8/14	07/08/14	1.24	39	62	ND		ug/L	421446	12145
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1.24	41.5	125	80.3		%	421446	12145

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-1	**Lab Sample ID:**	1407023-014B
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 11:25		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.0612	0.15	0.17	x	mg/L	421427	12106
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	64.2	123	118		%	421427	12106

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-2	**Lab Sample ID:**	1407023-015A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 14:45		
Tag Number:	155 98th Avenue,Oakland		

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.											
MTBE	SW8260B	NA	07/08/14	1.20	0.21	0.60	4.8		ug/L	421446	NA
tert-Butanol	SW8260B	NA	07/08/14	1.20	1.8	6.0	ND		ug/L	421446	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1.20	0.18	0.60	ND		ug/L	421446	NA
ETBE	SW8260B	NA	07/08/14	1.20	0.15	0.60	ND		ug/L	421446	NA
Benzene	SW8260B	NA	07/08/14	1.20	0.10	0.60	0.12	J	ug/L	421446	NA
TAME	SW8260B	NA	07/08/14	1.20	0.11	0.60	ND		ug/L	421446	NA
Toluene	SW8260B	NA	07/08/14	1.20	0.071	0.60	0.072	J	ug/L	421446	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1.20	0.089	0.60	ND		ug/L	421446	NA
m,p-Xylene	SW8260B	NA	07/08/14	1.20	0.16	1.2	ND		ug/L	421446	NA
o-Xylene	SW8260B	NA	07/08/14	1.20	0.091	0.60	ND		ug/L	421446	NA
Naphthalene	SW8260B	NA	07/08/14	1.20	0.16	1.2	ND		ug/L	421446	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1.20	61.2	131	88.9		%	421446	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1.20	75.1	127	87.5		%	421446	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1.20	64.1	120	85.0		%	421446	NA

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

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	7/8/14	07/08/14	1.20	38	60	ND		ug/L	421446	12145
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1.20	41.5	125	92.4		%	421446	12145

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-2	**Lab Sample ID:**	1407023-015B
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 14:45		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.0532	0.13	0.51	x	mg/L	421427	12106
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	64.2	123	123		%	421427	12106

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-3	**Lab Sample ID:**	1407023-016A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 12:28		
Tag Number:	155 98th Avenue,Oakland		

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.											
MTBE	SW8260B	NA	07/08/14	1.17	0.20	0.59	ND		ug/L	421446	NA
tert-Butanol	SW8260B	NA	07/08/14	1.17	1.8	5.9	ND		ug/L	421446	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1.17	0.18	0.59	ND		ug/L	421446	NA
ETBE	SW8260B	NA	07/08/14	1.17	0.15	0.59	ND		ug/L	421446	NA
Benzene	SW8260B	NA	07/08/14	1.17	0.10	0.59	0.16	J	ug/L	421446	NA
TAME	SW8260B	NA	07/08/14	1.17	0.11	0.59	ND		ug/L	421446	NA
Toluene	SW8260B	NA	07/08/14	1.17	0.069	0.59	0.11	J	ug/L	421446	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1.17	0.086	0.59	ND		ug/L	421446	NA
m,p-Xylene	SW8260B	NA	07/08/14	1.17	0.16	1.2	ND		ug/L	421446	NA
o-Xylene	SW8260B	NA	07/08/14	1.17	0.088	0.59	ND		ug/L	421446	NA
Naphthalene	SW8260B	NA	07/08/14	1.17	0.16	1.2	ND		ug/L	421446	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1.17	61.2	131	90.0		%	421446	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1.17	75.1	127	88.6		%	421446	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1.17	64.1	120	84.4		%	421446	NA

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

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	7/8/14	07/08/14	1.17	37	59	ND		ug/L	421446	12145
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1.17	41.5	125	87.1		%	421446	12145

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-3	**Lab Sample ID:**	1407023-016B
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 12:28		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.0532	0.13	ND		mg/L	421427	12106
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	64.2	123	109		%	421427	12106

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-4	**Lab Sample ID:**	1407023-017A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 13:56		
Tag Number:	155 98th Avenue,Oakland		

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.											
MTBE	SW8260B	NA	07/08/14	1.40	0.24	0.70	1.4		ug/L	421446	NA
tert-Butanol	SW8260B	NA	07/08/14	1.40	2.2	7.0	ND		ug/L	421446	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1.40	0.21	0.70	ND		ug/L	421446	NA
ETBE	SW8260B	NA	07/08/14	1.40	0.18	0.70	ND		ug/L	421446	NA
Benzene	SW8260B	NA	07/08/14	1.40	0.12	0.70	0.17	J	ug/L	421446	NA
TAME	SW8260B	NA	07/08/14	1.40	0.13	0.70	ND		ug/L	421446	NA
Toluene	SW8260B	NA	07/08/14	1.40	0.083	0.70	0.13	J	ug/L	421446	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1.40	0.10	0.70	ND		ug/L	421446	NA
m,p-Xylene	SW8260B	NA	07/08/14	1.40	0.19	1.4	ND		ug/L	421446	NA
o-Xylene	SW8260B	NA	07/08/14	1.40	0.11	0.70	ND		ug/L	421446	NA
Naphthalene	SW8260B	NA	07/08/14	1.40	0.19	1.4	ND		ug/L	421446	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1.40	61.2	131	92.5		%	421446	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1.40	75.1	127	87.6		%	421446	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1.40	64.1	120	83.7		%	421446	NA

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

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	7/8/14	07/08/14	1.40	44	70	ND		ug/L	421446	12145
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1.40	41.5	125	91.0		%	421446	12145

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-4	**Lab Sample ID:**	1407023-017B
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 13:56		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.0612	0.15	0.29	x	mg/L	421427	12106
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	64.2	123	119		%	421427	12106

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-5	**Lab Sample ID:**	1407023-018A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 10:22		
Tag Number:	155 98th Avenue,Oakland		

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.											
MTBE	SW8260B	NA	07/08/14	1.11	0.19	0.56	0.54	J	ug/L	421446	NA
tert-Butanol	SW8260B	NA	07/08/14	1.11	1.7	5.6	ND		ug/L	421446	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1.11	0.17	0.56	ND		ug/L	421446	NA
ETBE	SW8260B	NA	07/08/14	1.11	0.14	0.56	ND		ug/L	421446	NA
Benzene	SW8260B	NA	07/08/14	1.11	0.097	0.56	0.20	J	ug/L	421446	NA
TAME	SW8260B	NA	07/08/14	1.11	0.11	0.56	ND		ug/L	421446	NA
Toluene	SW8260B	NA	07/08/14	1.11	0.066	0.56	0.17	J	ug/L	421446	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1.11	0.082	0.56	ND		ug/L	421446	NA
m,p-Xylene	SW8260B	NA	07/08/14	1.11	0.15	1.1	ND		ug/L	421446	NA
o-Xylene	SW8260B	NA	07/08/14	1.11	0.084	0.56	ND		ug/L	421446	NA
Naphthalene	SW8260B	NA	07/08/14	1.11	0.15	1.1	ND		ug/L	421446	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1.11	61.2	131	95.0		%	421446	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1.11	75.1	127	89.3		%	421446	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1.11	64.1	120	83.7		%	421446	NA

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

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	7/8/14	07/08/14	1.11	35	56	ND		ug/L	421446	12145
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1.11	41.5	125	73.7		%	421446	12145

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-5	**Lab Sample ID:**	1407023-018B
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 10:22		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.0532	0.13	ND		mg/L	421427	12106
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	64.2	123	106		%	421427	12106

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-6	**Lab Sample ID:**	1407023-019A
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 9:00		
Tag Number:	155 98th Avenue,Oakland		

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.											
MTBE	SW8260B	NA	07/08/14	1.20	0.21	0.60	2.7		ug/L	421446	NA
tert-Butanol	SW8260B	NA	07/08/14	1.20	1.8	6.0	ND		ug/L	421446	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/08/14	1.20	0.18	0.60	ND		ug/L	421446	NA
ETBE	SW8260B	NA	07/08/14	1.20	0.15	0.60	ND		ug/L	421446	NA
Benzene	SW8260B	NA	07/08/14	1.20	0.10	0.60	0.23	J	ug/L	421446	NA
TAME	SW8260B	NA	07/08/14	1.20	0.11	0.60	ND		ug/L	421446	NA
Toluene	SW8260B	NA	07/08/14	1.20	0.071	0.60	0.22	J	ug/L	421446	NA
Ethyl Benzene	SW8260B	NA	07/08/14	1.20	0.089	0.60	ND		ug/L	421446	NA
m,p-Xylene	SW8260B	NA	07/08/14	1.20	0.16	1.2	ND		ug/L	421446	NA
o-Xylene	SW8260B	NA	07/08/14	1.20	0.091	0.60	ND		ug/L	421446	NA
Naphthalene	SW8260B	NA	07/08/14	1.20	0.16	1.2	ND		ug/L	421446	NA
(S) Dibromofluoromethane	SW8260B	NA	07/08/14	1.20	61.2	131	88.8		%	421446	NA
(S) Toluene-d8	SW8260B	NA	07/08/14	1.20	75.1	127	86.8		%	421446	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/08/14	1.20	64.1	120	83.7		%	421446	NA

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

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	7/8/14	07/08/14	1.20	38	60	ND		ug/L	421446	12145
(S) 4-Bromofluorobenzene	8260TPH	7/8/14	07/08/14	1.20	41.5	125	90.6		%	421446	12145

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Paul Dotson
Tec Accutite

Date Received: 07/03/14
Date Reported: 07/11/14

Client Sample ID:	B-6	**Lab Sample ID:**	1407023-019B
Project Name/Location:	155 98th Avenue,Oakland	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	07/01/14 / 9:00		
Tag Number:	155 98th Avenue,Oakland		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/7/14	07/07/14	1	0.0532	0.13	ND		mg/L	421427	12106
Pentacosane (S)	SW8015B(M)	7/7/14	07/07/14	1	64.2	123	116		%	421427	12106

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1407023	**Prep Method:**	3510_TPH	**Prep Date:**	07/07/14	**Prep Batch:**	12106
Matrix:	Water	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	07/07/14	**Analytical Batch:**	421427
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.0440	0.10	ND	
TPH as Motor Oil	0.0920	0.40	ND	
Pentacosane (S)			96.8	

Work Order:	1407023	**Prep Method:**	3546_TPH	**Prep Date:**	07/07/14	**Prep Batch:**	12108
Matrix:	Soil	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	07/07/14	**Analytical Batch:**	421429
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.497	2.0	0.51	
TPH as Motor Oil	1.03	10	3.0	
Pentacosane (S)			114	

Work Order:	1407023	**Prep Method:**	5035	**Prep Date:**	07/09/14	**Prep Batch:**	12139
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	07/09/14	**Analytical Batch:**	421458
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	30	100	ND	
(S) 4-Bromofluorobenzene			86.9	

Work Order:	1407023	**Prep Method:**	5035	**Prep Date:**	07/08/14	**Prep Batch:**	12143
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421464
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	30	100	ND	
(S) 4-Bromofluorobenzene			84.1	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1407023	**Prep Method:**	5030	**Prep Date:**	07/08/14	**Prep Batch:**	12145
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421446
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Gasoline	31	50	ND		
(S) 4-Bromofluorobenzene			77.6		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421446
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		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421446
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	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		
Hexachlorobutadiene	0.19	0.50	ND		
1,2,4-Trichlorobenzene	0.12	0.50	0.13		
Naphthalene	0.14	1.0	0.17		
1,2,3-Trichlorobenzene	0.23	0.50	ND		
(S) Dibromofluoromethane			89.2		
(S) Toluene-d8			88.8		
(S) 4-Bromofluorobenzene			85.7		
Ethanol	0.21	0.50	ND	TIC	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/09/14	**Analytical Batch:**	421458
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	4.4	10	ND		
Chloromethane	4.6	10	ND		
Vinyl Chloride	2.6	10	ND		
Bromomethane	4.7	10	ND		
Trichlorofluoromethane	2.9	10	ND		
1,1-Dichloroethene	1.5	10	ND		
Freon 113	3.7	10	ND		
Methylene Chloride	2.0	50	ND		
trans-1,2-Dichloroethene	1.1	10	ND		
MTBE	2.6	10	ND		
tert-Butanol	21	50	ND		
Diisopropyl ether (DIPE)	2.2	10	ND		
1,1-Dichloroethane	1.3	10	ND		
ETBE	2.4	10	ND		
cis-1,2-Dichloroethene	1.8	10	ND		
2,2-Dichloropropane	1.2	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	1.2	10	ND		
Carbon Tetrachloride	1.6	10	ND		
1,1,1-Trichloroethane	1.2	10	ND		
1,1-Dichloropropene	1.4	10	ND		
Benzene	1.5	10	ND		
TAME	2.1	10	ND		
1,2-Dichloroethane	1.9	10	ND		
Trichloroethylene	3.9	10	ND		
Dibromomethane	2.2	10	ND		
1,2-Dichloropropane	1.3	10	ND		
Bromodichloromethane	1.1	10	ND		
cis-1,3-Dichloropropene	1.4	10	ND		
Toluene	0.98	10	0.98		
Tetrachloroethylene	1.8	10	ND		
trans-1,3-Dichloropropene	1.2	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.1	10	ND		
1,3-Dichloropropane	2.1	10	ND		
1,2-Dibromoethane	1.7	10	ND		
Ethyl Benzene	0.86	10	ND		
Chlorobenzene	4.2	10	ND		
1,1,1,2-Tetrachloroethane	0.86	10	ND		
m,p-Xylene	1.9	10	ND		
o-Xylene	0.66	5.0	1.0		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/09/14	**Analytical Batch:**	421458
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.77	10	1.5		
Bromoform	1.9	10	ND		
Isopropyl Benzene	1.2	10	1.3		
n-Propylbenzene	1.4	10	ND		
Bromobenzene	1.2	10	ND		
1,1,2,2-Tetrachloroethane	3.0	10	ND		
1,3,5-Trimethylbenzene	1.1	10	1.3		
1,2,3-Trichloropropane	3.3	10	ND		
4-Chlorotoluene	1.6	10	ND		
2-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.4	10	ND		
1,2,4-Trimethylbenzene	1.1	10	1.3		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.8	10	ND		
1,4-Dichlorobenzene	1.5	10	ND		
n-Butylbenzene	2.2	10	ND		
1,2-Dichlorobenzene	1.3	10	ND		
1,2-Dibromo-3-Chloropropane	4.2	10	ND		
Hexachlorobutadiene	2.6	10	ND		
1,2,4-Trichlorobenzene	2.1	10	ND		
Naphthalene	2.8	10	ND		
1,2,3-Trichlorobenzene	2.9	10	ND		
Ethanol	5.0	20	ND		
(S) Dibromofluoromethane			121		
(S) Toluene-d8			113		
(S) 4-Bromofluorobenzene			116		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421464
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	4.4	10	ND		
Chloromethane	4.6	10	ND		
Vinyl Chloride	2.6	10	ND		
Bromomethane	4.7	10	ND		
Trichlorofluoromethane	2.9	10	ND		
1,1-Dichloroethene	1.5	10	ND		
Freon 113	3.7	10	ND		
Methylene Chloride	2.0	50	ND		
trans-1,2-Dichloroethene	1.1	10	ND		
MTBE	2.6	10	ND		
tert-Butanol	21	50	ND		
Diisopropyl ether (DIPE)	2.2	10	ND		
1,1-Dichloroethane	1.3	10	ND		
ETBE	2.4	10	ND		
cis-1,2-Dichloroethene	1.8	10	ND		
2,2-Dichloropropane	1.2	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	1.2	10	ND		
Carbon Tetrachloride	1.6	10	ND		
1,1,1-Trichloroethane	1.2	10	ND		
1,1-Dichloropropene	1.4	10	ND		
Benzene	1.5	10	ND		
TAME	2.1	10	ND		
1,2-Dichloroethane	1.9	10	ND		
Trichloroethylene	3.9	10	ND		
Dibromomethane	2.2	10	ND		
1,2-Dichloropropane	1.3	10	ND		
Bromodichloromethane	1.1	10	ND		
cis-1,3-Dichloropropene	1.4	10	ND		
Toluene	0.98	10	0.98		
Tetrachloroethylene	1.8	10	ND		
trans-1,3-Dichloropropene	1.2	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.1	10	ND		
1,3-Dichloropropane	2.1	10	ND		
1,2-Dibromoethane	1.7	10	ND		
Ethyl Benzene	0.86	10	ND		
Chlorobenzene	4.2	10	ND		
1,1,1,2-Tetrachloroethane	0.86	10	ND		
m,p-Xylene	1.9	10	ND		
o-Xylene	0.66	5.0	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421464
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.77	10	ND		
Bromoform	1.9	10	ND		
Isopropyl Benzene	1.2	10	ND		
n-Propylbenzene	1.4	10	ND		
Bromobenzene	1.2	10	ND		
1,1,2,2-Tetrachloroethane	3.0	10	ND		
1,3,5-Trimethylbenzene	1.1	10	ND		
1,2,3-Trichloropropane	3.3	10	ND		
4-Chlorotoluene	1.6	10	ND		
2-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.4	10	ND		
1,2,4-Trimethylbenzene	1.1	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.8	10	ND		
1,4-Dichlorobenzene	1.5	10	ND		
n-Butylbenzene	2.2	10	ND		
1,2-Dichlorobenzene	1.3	10	ND		
1,2-Dibromo-3-Chloropropane	4.2	10	ND		
Hexachlorobutadiene	2.6	10	ND		
1,2,4-Trichlorobenzene	2.1	10	ND		
Naphthalene	2.8	10	ND		
1,2,3-Trichlorobenzene	2.9	10	ND		
Ethanol	5.0	20	ND		
(S) Dibromofluoromethane			121		
(S) Toluene-d8			113		
(S) 4-Bromofluorobenzene			115		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1407023	**Prep Method:**	3510_TPH	**Prep Date:**	07/07/14	**Prep Batch:**	12106
Matrix:	Water	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	07/07/14	**Analytical Batch:**	421427
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.0440	0.10	ND	1	82.0	78.8	3.88	50.3 - 125	30	
Pentacosane (S)			ND	100	84.0	79.1		57.9 - 125		

Work Order:	1407023	**Prep Method:**	3546_TPH	**Prep Date:**	07/07/14	**Prep Batch:**	12108
Matrix:	Soil	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	07/07/14	**Analytical Batch:**	421429
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	0.497	2	0.51	25	83.2	89.8	7.66	50.3 - 115	30	
Pentacosane (S)			3.0	100	95.4	99.7		57.9 - 129		

Work Order:	1407023	**Prep Method:**	5035	**Prep Date:**	07/09/14	**Prep Batch:**	12139
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	07/09/14	**Analytical Batch:**	421458
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	30	100	ND	1000	105	80.5	26.7	64.0 - 133.2	30	
(S) 4-Bromofluorobenzene			86.9	50	93.9	92.4		43.9 - 127		

Work Order:	1407023	**Prep Method:**	5035	**Prep Date:**	07/08/14	**Prep Batch:**	12143
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421464
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	30	100	ND	1000	93.2	87.0	6.90	64.0 - 133.2	30	
(S) 4-Bromofluorobenzene			84.1	50	90.5	87.4		43.9 - 127		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1407023	**Prep Method:**	5030	**Prep Date:**	07/08/14	**Prep Batch:**	12145
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421446
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	91.9	89.7	2.48	52.4 - 127	30	
(S) 4-Bromofluorobenzene			77.6	11.9	102	104		41.5 - 125		

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421446
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	81.1	0.825	61.4 - 129	30	
Benzene	0.087	0.50	ND	17.86	87.7	83.9	4.69	66.9 - 140	30	
Trichloroethylene	0.057	0.50	ND	17.86	87.9	78.7	11.1	69.3 - 144	30	
Toluene	0.059	0.50	ND	17.86	86.5	82.8	4.11	76.6 - 123	30	
Chlorobenzene	0.068	0.50	ND	17.86	87.4	76.0	13.9	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.9	85.9	86.4		61.2 - 131		
(S) Toluene-d8			ND	11.9	86.8	89.2		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.9	84.6	84.6		64.1 - 120		

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/09/14	**Analytical Batch:**	421458
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	79.4	82.6	3.89	53.7 - 139	30	
Benzene	1.5	10	ND	50	88.6	92.9	4.75	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	95.8	97.3	1.58	57.5 - 150	30	
Toluene	0.98	10	ND	50	92.1	94.0	1.98	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	94.2	97.4	3.31	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	111	116		59.8 - 148		
(S) Toluene-d8			ND	50	114	114		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	113	118		55.8 - 141		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421464
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	75.0	75.6	0.815	53.7 - 139	30	
Benzene	1.5	10	ND	50	83.4	83.8	0.452	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	81.7	82.8	1.45	57.5 - 150	30	
Toluene	0.98	10	ND	50	82.4	82.2	0.238	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	82.8	82.1	0.854	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	121	123		59.8 - 148		
(S) Toluene-d8			ND	50	114	118		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	121	118		55.8 - 141		

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1407023	**Prep Method:**	3546_TPH	**Prep Date:**	07/07/14	**Prep Batch:**	12108
Matrix:	**Soil**	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	07/07/14	**Analytical Batch:**	421429
Spiked Sample:	1407023-005A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.50	2.0	156.68349	25	73.0	62.8	12.2	50.3 - 115	30	
Pentacosane (S)				100	108	90.0		57.9 - 129		

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Soil**	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/09/14	**Analytical Batch:**	421458
Spiked Sample:	1407023-010A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Benzene	1.5	10	0	50	86.5	90.6	4.62	66.5 - 135	30	
Toluene	0.98	10	0	50	91.3	100	9.16	56.8 - 134	30	
(S) Dibromofluoromethane				50	126	129		59.8 - 148		
(S) Toluene-d8				50	122	130		55.2 - 133		
(S) 4-Bromofluorobenzene				50	121	130		55.8 - 141		

Work Order:	1407023	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Soil**	**Analytical Method:**	SW8260B	**Analyzed Date:**	07/08/14	**Analytical Batch:**	421464
Spiked Sample:	1407023-013A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Benzene	1.5	10	0	50	96.4	91.9	4.75	66.5 - 135	30	
Toluene	0.98	10	0	50	84.7	82.2	3.02	56.8 - 134	30	
(S) Dibromofluoromethane				50	128	123		59.8 - 148		
(S) Toluene-d8				50	114	115		55.2 - 133		
(S) 4-Bromofluorobenzene				50	124	124		55.8 - 141		

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: Tec Accutite

Project Name: 155 98th Avenue,Oakland

Work Order No.: 1407023

Date and Time Received: 7/3/2014 15:47

Received By: ldi

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:	4	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	Yes			

pH Checked by: n/a

pH Adjusted by: n/a

Recv'd 13 soils and 6 waters only first page of COC page 2 NOT recv'd.Sample labels do not match sample identification provided on CoC. Sample-012A labelled as B-6 @ 7.5 COC B6-8'

Login Summary Report

Client ID: TL5132 Tec Accutite

Project Name: 155 98th Avenue,Oakland

Project # :

Report Due Date: 7/11/2014

QC Level:

TAT Requested: 5+ day:0

Date Received: 7/3/2014

Time Received: 15:47

Comments:

Work Order # : ***1407023***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1407023-001A	B-1 @ 8'	07/01/14 11:10	Soil	12/30/14			EDF S_GCMS-GRO S_8260PetE S_TPHDO	
Sample Note:	EDF,TPHg,BTEX,OxygenatesNapthaleneand TPHD							
1407023-002A	B-1 @ 13'	07/01/14 11:15	Soil	12/30/14			S_GCMS-GRO S_TPHDO S_8260PetE	
1407023-003A	B-2 @ 8'	07/01/14 14:20	Soil	12/30/14			S_GCMS-GRO S_8260PetE S_TPHDO	
1407023-004A	B-2 @ 13'	07/01/14 14:29	Soil	12/30/14			S_GCMS-GRO S_8260PetE S_TPHDO	
1407023-005A	B-3 @ 8'	07/01/14 12:13	Soil	12/30/14			S_GCMS-GRO S_8260PetE S_TPHDO	
1407023-006A	B-3 @ 13'	07/01/14 12:17	Soil	12/30/14			S_GCMS-GRO S_8260PetE S_TPHDO	
1407023-007A	B-4 @ 8'	07/01/14 13:39	Soil	12/30/14			S_GCMS-GRO S_8260PetE S_TPHDO	
1407023-008A	B-4 @ 10'	07/01/14 13:48	Soil	12/30/14			S_GCMS-GRO S_8260PetE S_TPHDO	
1407023-009A	B-4 @ 13'	07/01/14 13:51	Soil	12/30/14			S_GCMS-GRO	

Login Summary Report

Client ID: TL5132 Tec Accutite

Project Name: 155 98th Avenue,Oakland

Project # :

Report Due Date: 7/11/2014

QC Level:

TAT Requested: 5+ day:0

Date Received: 7/3/2014

Time Received: 15:47

Comments:

Work Order # : ***1407023***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1407023-010A	B-5 @ 8'	07/01/14 10:08	Soil	12/30/14			S_8260PetE S_TPHDO	
1407023-011A	B-5 @ 13'	07/01/14 10:16	Soil	12/30/14			S_GCMS-GRO S_8260PetE S_TPHDO	
1407023-012A	B-6 @ 8'	07/01/14 8:47	Soil	12/30/14			S_GCMS-GRO S_8260PetE S_TPHDO	
Sample Note:	sample ID on the chain does not match with ID on the sample. YB 7/7/14							
1407023-013A	B-6 @ 13'	07/01/14 8:53	Soil	12/30/14			S_8260PetE S_TPHDO S_GCMS-GRO	
1407023-014A	B-1	07/01/14 11:25	Water	12/30/14			W_8260PetE W_GCMS-GRO	
1407023-014B	B-1	07/01/14 11:25	Water	12/30/14			W_TPHDO	
1407023-015A	B-2	07/01/14 14:45	Water	12/30/14			W_8260PetE W_GCMS-GRO	
1407023-015B	B-2	07/01/14 14:45	Water	12/30/14			W_TPHDO	
1407023-016A	B-3	07/01/14 12:28	Water	12/30/14			W_8260PetE W_GCMS-GRO	
1407023-016B	B-3	07/01/14 12:28	Water	12/30/14			W_TPHDO	
1407023-017A	B-4	07/01/14 13:56	Water	12/30/14			W_8260PetE	

Login Summary Report

Client ID: TL5132 Tec Accutite

Project Name: 155 98th Avenue,Oakland

Project # :

Report Due Date: 7/11/2014

QC Level:

TAT Requested: 5+ day:0

Date Received: 7/3/2014

Time Received: 15:47

Comments:

Work Order # : ***1407023***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1407023-017B	B-4	07/01/14 13:56	Water	12/30/14			W_GCMS-GRO W_TPHDO	
1407023-018A	B-5	07/01/14 10:22	Water	12/30/14			W_8260PetE W_GCMS-GRO	
1407023-018B	B-5	07/01/14 10:22	Water	12/30/14			W_TPHDO	
1407023-019A	B-6	07/01/14 9:00	Water	12/30/14			W_8260PetE W_GCMS-GRO	
1407023-019B	B-6	07/01/14 9:00	Water	12/30/14			W_TPHDO	

Torrent LABORATORY, INC.

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

RESET

CHAIN OF CUSTODY

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

LAB WORK ORDER NO: 1407023

Company Name: TEC Accutite		Location of Sampling: 155 98th Avenue, Oakland
Address: 262 Michelle Court		Purpose: Data Gap Investigation Soil and GW sampling
City: South San Francisco	State: CA Zip Code: 94080	Special Instructions / Comments: Run to ESLs
Telephone: 6506161200	FAX: 6506161244	Global ID: T10000005132
REPORT TO: Paul Dotson	SAMPLER: Brian Doherty	P.O. #: 22825 EMAIL: tecaccutite@gmail.com

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

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☑ Ground Water
☑ Soil

REPORT FORMAT:
☐ QC Level IV
☑ EDF
☐ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	8015 TPHd	8260 TPHg BTEX	DIPE, ETBE, MTBE fuel oxygenates TAME, TBA	naphthalene						REMARKS
011A	B-5@13'	7/1/14 1016	S	1	acetate	✓	✓	✓	✓						
012A	B-6@8'	7/1/14 0847	S	1	acetate	✓	✓	✓	✓						
013A	B-6@13'	7/1/14 0853	S	1	acetate	✓	✓	✓	✓						
-014A	B-1	7/1/14 1125	W	5	mber/voa	✓	✓	✓	✓						
-015A	B-2	7/1/14 1445	W	5	mber/voa	✓	✓	✓	✓						
-016A	B-3	7/1/14 1228	W	5	mber/voa	✓	✓	✓	✓						
-017A	B-4	7/1/14 1356	W	5	mber/voa	✓	✓	✓	✓						
-018A	B-5	7/1/14 1022	W	5	mber/voa	✓	✓	✓	✓						
-019A	B-6	7/1/14 0900	W	5	mber/voa	✓	✓	✓	✓						

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Brian Doherty	Brian Doherty	7/3/14				7.3.14	12:35
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 _____ Sample seals intact? ☐ Yes ☐ NO ☐ N/A

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

Page 2 of 2

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date:

REC LI LBL LIR

Torrent LABORATORY, INC.

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

RESET

CHAIN OF CUSTODY

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

LAB WORK ORDER NO: 1407023

Company Name: TEC Accutite	Location of Sampling: 155 98th Avenue, Oakland
Address: 262 Michelle Court	Purpose: Data Gap Investigation Soil and GW sampling
City: South San Francisco State: CA Zip Code: 94080	Special Instructions / Comments: Run to ESLs
Telephone: 6506161200 FAX: 6506161244	Global ID: T10000005132
REPORT TO: Paul Dotson SAMPLER: Brian Doherty	P.O. #: 22825 EMAIL: tecaccutite@gmail.com

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

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☑ Ground Water
☑ Soil

REPORT FORMAT:
☐ QC Level IV
☑ EDF
☐ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	8015 TPHd	8260 TPHg BTEX	DIPE, ETBE, MTBE fuel oxygenates TAME, TBA	naphthalene						REMARKS
001A	B-1@8'	7/1/14 1110	S	1	acetate	✓	✓	✓	✓						
002A	B-1@13'	7/1/14 1115	S	1	acetate	✓	✓	✓	✓						
003A	B-2@8'	7/1/14 1420	S	1	acetate	✓	✓	✓	✓						
004A	B-2@13'	7/1/14 1429	S	1	acetate	✓	✓	✓	✓						
005A	B-3@8'	7/1/14 1213	S	1	acetate	✓	✓	✓	✓						
006A	B-3@13'	7/1/14 1217	S	1	acetate	✓	✓	✓	✓						
007A	B-4@8'	7/1/14 1339	S	1	acetate	✓	✓	✓	✓						
008A	B-4@10'	7/1/14 1348	S	1	acetate	✓	✓	✓	✓						
009A	B-4@13'	7/1/14 1351	S	1	acetate	✓	✓	✓	✓						
010A	B-5@8'	7/1/14 1008	S	1	acetate	✓	✓	✓	✓						

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Brian Doherty	Brian Doherty	7/3/14	12:25	SOARE C.	SOARE C.	7-3-14	12:27
2	SOARE C.	SOARE C.	7-3-14	12:25	[illegible]	L. D. Imbeau	7-3-14	15:47

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

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

Page 1 of 2

Log In By: REC - LI - LBL - LIR Date: Log In Reviewed By: Date:

Temp 4°c

ATTACHMENT D

GEOTRACKER SUBMISSION CONFIRMATIONS

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T10000005132**
Field Point:	**B-1**
Facility Name:	**CALIFORNIA GLASS COMPANY**
File Name:	**B-1.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-INDEPENDENT**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**7/30/2014 10:13:15 AM**
Confirmation Number:	**4216666519**

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GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	GEO_BORE
Facility Global ID:	T10000005132
Field Point:	B-2
Facility Name:	CALIFORNIA GLASS COMPANY
File Name:	B-2.pdf
Organization Name:	TEC Accutite
Username:	TEC-INDEPENDENT
IP Address:	67.126.45.211
Submittal Date/Time:	7/30/2014 10:16:45 AM
Confirmation Number:	4506568253

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GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T10000005132**
Field Point:	**B-3**
Facility Name:	**CALIFORNIA GLASS COMPANY**
File Name:	**B-3.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-INDEPENDENT**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**7/30/2014 10:17:20 AM**
Confirmation Number:	**5476032316**

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GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T10000005132**
Field Point:	**B-4**
Facility Name:	**CALIFORNIA GLASS COMPANY**
File Name:	**B-4.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-INDEPENDENT**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**7/30/2014 10:18:40 AM**
Confirmation Number:	**1848365545**

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GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T10000005132**
Field Point:	**B-5**
Facility Name:	**CALIFORNIA GLASS COMPANY**
File Name:	**B-5.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-INDEPENDENT**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**7/30/2014 10:19:28 AM**
Confirmation Number:	**5570319473**

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GEOTRACKER ESI

UPLOADING A GEO_MAP FILE

SUCCESS

Your GEO_MAP file has been successfully submitted!

Submittal Type:	GEO_MAP
Facility Global ID:	T10000005132
Facility Name:	CALIFORNIA GLASS COMPANY
File Name:	2014 01 TP 155 98th Ave E306 F(2) (1).pdf
Organization Name:	TEC Accutite
Username:	TEC-INDEPENDENT
IP Address:	67.126.45.211
Submittal Date/Time:	7/30/2014 11:46:48 AM
Confirmation Number:	2045218765

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UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	GEO_BORE
Facility Global ID:	T10000005132
Field Point:	B-6
Facility Name:	CALIFORNIA GLASS COMPANY
File Name:	B-6.pdf
Organization Name:	TEC Accutite
Username:	TEC-INDEPENDENT
IP Address:	67.126.45.211
Submittal Date/Time:	7/30/2014 10:20:07 AM
Confirmation Number:	2731798291

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GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF**
Report Title:	**Soil and Groundwater Report**
Report Type:	**Soil and Water Investigation Report**
Facility Global ID:	**T10000005132**
Facility Name:	**CALIFORNIA GLASS COMPANY**
File Name:	**TEC Accutite 1407023 Rev EDF.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-INDEPENDENT**
IP Address:	**24.143.224.103**
Submittal Date/Time:	**7/30/2014 2:12:48 PM**
Confirmation Number:	**5371604263**

VIEW QC REPORT

VIEW DETECTIONS REPORT

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ATTACHMENT E

SITE CONCEPTUAL MODEL

Attachment A
Site Conceptual Model

CSM Element	CSM Sub-Element	Description	Data Gap Item #	Resolution
Geology and Hydrogeology	Regional	**Geology**: According to the East Bay Plain Groundwater Basin Beneficial Use Evaluation Report, the Site is located within the Oakland Sub-Area of the East Bay Plain of the San Francisco Basin. The Oakland Sub- Area contains a sequence of alluvial fans. The alluvial fill thickness ranges from 300 to 700 feet deep. Quaternary age bay mud composed of unconsolidated plastic clay and silty clay rich in organic material with some lenses of silt and sand overlay the alluvial fans. **Hydrogeology**: Throughout most of the Alameda County portion of the East Bay Plain, from Hayward north to Albany, water level contours show that the general direction of ground-water flow is from east to west or from the Hayward Fault to the San Francisco Bay. Ground-water flow direction generally correlates to topography. Flow direction and velocity are also influenced by buried stream channels that typically are oriented in an east to west direction. In the southern end of the study area however, near the San Lorenzo Sub-Area, the direction of flow may not be this simple. According to information presented in East Bay Plain Groundwater Basin Beneficial Use Evaluation Report, the small set of water level measurements available seemed to show that the ground water in the upper aquifers may be flowing south, with the deeper aquifers, the Alameda Formation, moving north.	None	NA
Geology and Hydrogeology	Site	**Geology**: Explored sites nearby show primarily imported fill (sand with some minor clay and shells included). Soil types encountered during the July 1, 2014 investigation included fine-grained silt and clay with subordinate amounts of sand to approximately 18 to 19 feet below surface grade (ft bsg). A gravel unit was identified below	None	NA

Attachment A
Site Conceptual Model

CSM Element	CSM Sub-Element	Description	Data Gap Item #	Resolution
		the fined grained unit to total depth of 20 ft bsg in borings B-1, B-2, B-4, B-5 and B-6. Silty sand was encountered in boring B-3 below the fine-grained unit. **Hydrogeology**: Groundwater was encountered in the six soil boring advanced in July 2014 at 15 to 16.5 ft bsg.		
Surface Water Bodies		San Leandro Creek is approximately 250 feet to the north. San Francisco Bay lies to the west of the site about 11,000 feet away. Inlets from the Bay are within 3,300 feet to the northwest and 5,500 feet to the south.	None	NA
Nearby Wells		Results of the soil and groundwater investigation indicate that concentrations of chemicals of concern are not a threat to drinking water and therefore a sensitive receptor survey is not required.	None	NA
Release Source and Volume		There is no known release from the tanks removed in March 2009. They were subject to current leak detection standards and no leaks were reported. The tanks were intact when removed. Historical photographic data shows that the pumps for these tanks were located above the tanks. Analytical results from soil borings B-1 through B-4, advanced around the perimeter of the former tank pit, indicate that a release from these tanks did not occur. Soil boring B-6 was advanced at the location of the former tanks removed from the site in 1994. Detected concentrations of chemicals of concern were not above ESLs in soil and grab groundwater samples collected from B-6. Based on these results, there is no evidence of a release from the tanks removed in 1994.	None	NA
LNAPL		LNAPL was not encountered in the six soil borings completed in July 2014 and was not observed during tank removal in 2009.	None	NA

Attachment A
Site Conceptual Model

CSM Element	CSM Sub-Element	Description	Data Gap Item #	Resolution
Source Removal Activities		The tanks were removed in March 2009. The tanks were double wall fiberglass and had no visible holes or damage. The dispensers and piping were located above the tanks and therefore samples collected from below and around the tanks satisfy the requirement for dispenser and piping sampling. Based on results of the July 2014 investigation, a secondary source does not exist at the site.	None	NA
Contaminants of Concern		Potential COCs for the site include total petroleum hydrocarbons as diesel (THPd), benzene, toluene, ethylbenzene, and MTBE. Naphthalene was not detected in any of the analyzed samples collected during the July 2014 investigation.	None	NA
Petroleum Hydrocarbons in Soil		Four soil samples were collected from the tank pit during tank removal. The samples were collected from the four corners of the pit at a depth of 10 fbg. All of the samples were non detect except for the following: southeast corner (SE) TPHd 5.32 mg/kg; northwest corner (NE) 3.36 mg/kg TPHd, 1.9 mg/kg TPHg, 30 mg/kg ethylbenzene, 140 mg/kg xylene. Soil samples collected during the July 2014 investigation contained THPd only and at levels below the most stringent ESL.	None	NA
Petroleum Hydrocarbons in Groundwater		One sample was collected from groundwater in the pit during tank removal. The laboratory analysis showed: 8,790 µg/L TPHd, 25,000 µg/L TPHg, 1,050 µg/L benzene, 4,300 µg/L toluene, 889 µg/L ethylbenzene, and 5,020 µg/L xylene. MTBE was below detection limits. With the exception of TPHd in grab groundwater samples B-1, B-2	None	NA

Attachment A
Site Conceptual Model

CSM Element	CSM Sub-Element	Description	Data Gap Item #	Resolution
		and B-4, all chemicals of concern were below ESLs in all samples. The laboratory report states the detected concentrations of TPHd do not resemble diesel and are non-fuel organics reported in the TPHd range.		
Petroleum Hydrocarbons in Soil Vapor		Detected concentrations of volatile chemicals of concern were all below the ESL for vapor intrusion. Therefore, soil vapor intrusion does not pose a risk at the site.	None	NA
Risk Evaluation		The site meets all criteria of the LTCP and therefore a risk evaluation is unnecessary.	None	NA