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September 21, 2015

Keith Nowell Hazardous Materials Specialist Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

Subject:

Robinson Property/Mohawk Oil Co. 5630 San Pablo Ave., Oakland, CA Fuel Leak Case No. RO0000182

Dear Mr. Nowell:

Enclosed is the Second Quarter 2012 Groundwater Monitoring & Sampling Report for the subject LUFT site. In compliance with state and local regulations, electronic submittals of this report have been uploaded to the Geotracker database and the Alameda County ftp website.

I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct to the best of my knowledge.

Please contact Tim Cook at Cook Environmental Services at (925) 478-8390 if you have questions or comments in regard to the technical content of this report.

Very truly yours,

Mehrdad Dokhanchy

cc: Tim Cook, Cook Environmental Services, Inc.

SECOND QUARTER 2012 GROUNDWATER MONITORING & SAMPLING FOR THE PROPERTY LOCATED AT 5630 SAN PABLO AVENUE OAKLAND, CALIFORNIA JULY 16, 2012

PREPARED FOR:
MR. ED HEMMAT
3840 SAN PABLO AVENUE
EMERYVILLE, CALIFORNIA 94608

BY: ENVIRO SOIL TECH CONSULTATNS 131 TULLY ROAD SAN JOSE, CALIFORNIA 95111

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Torrent Laboratory Report and Chain-of-Custody



Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 694-3447

July 16, 2012

File No. 12-04-770-GI

Mr. Ed Hemmat 3840 San Pablo Avenue Emeryville, California 94608

SUBJECT: SECOND QUARTER 2012 GROUNDWATER
MONITORING & SAMPLING FOR THE PROPERTY

Located at 5630 San Pablo Avenue, in Oakland, California

Dear Mr. Hemmat:

Enviro Soil Tech Consultants (ESTC) has recently been re-hired to continue the investigation of soil and groundwater contamination at 5630 San Pablo Avenue in Oakland, California. In 2010 and 2011, the site was under investigation by another consultant.

ESTC monitored groundwater conditions at the site in June 2012, and this report presents the results. The depth to groundwater was measured in the five monitoring wells and water samples were collected for laboratory analysis.

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD GENERAL MANAGER LAWRENCE KOC C. E. #34928

C 34928

VICTOR B. CHERVEN, PH.D. PROFESSIONAL GEOLOGIST #3475

SITE DESCRIPTION

The site is located on the southeast corner of San Pablo Avenue and Aileen Street in Oakland, California (Figure 1), and is currently being used as a storage site. The site contains one single story building. Underground gasoline storage tanks have not been removed from the site, and are located beneath the sidewalk along San Pablo Avenue. The subject property is located in an area of commercial development.

SCOPE OF PRESENT WORK

The scope of work included in the groundwater-monitoring program includes:

- Measure water depths in wells STMW-1 to STMW-5 and note whether petroleum sheen and/or odor are present.
- Purge the monitoring wells of standing water.
- Collect water samples from each well.
- Submit samples to a state-certified laboratory for chemical analyses of Total Petroleum Hydrocarbons as gasoline and diesel (TPHg and TPHd); Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX); Methyl Tertiary Butyl Ether (MTBE) and other fuel oxygenates.
- · Review results and prepare a report of the investigation.

FIELD ACTIVITIES

ESTC's staff monitored the five monitoring wells and collected water samples on June 19, 2012. Depth measurements and other observations were recorded on the field-monitoring sheet. After the depth to groundwater was measured, approximately four to five well volumes of water were bailed from each well in order to purge standing water from the casing and assure that water samples would be representative of surrounding

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groundwater. The purged water was stored on-site in a plastic storage tank. The monitoring data are shown in Tables 1 and 2.

Water samples were collected after purging. A stainless steel bailer was used for sample collection. Water sampling equipment was decontaminated before and after each well was sampled using Tri-sodium Phosphate (TSP) and water wash, followed by double rinsing. The samples were preserved in 1 liter amber glass bottles and 40-milliliter glass vials sealed with Teflon-lined screw caps, labeled and placed in a cold ice chest and then transported to Torrent Laboratory, a state-certified laboratory for analysis, with proper chain-of-custody. The sampling was conducted in accordance with ESTC's Standard Operation Procedures (Appendix "D") and ACHCSA-EHS guidelines.

DEPTH TO GROUNDWATER AND FLOW DIRECTION

The depth to groundwater was about 8 to 9 feet below surface grade. When converted to elevation, this equates to 33-34 feet above sea level (Table 2).

When the elevation data are plotted and contoured, it becomes evident that the water table is highest on the margins of the site and lowest in the center (Figure 2). This apparently implies that groundwater flows toward the center of the site, and then to the northeast along a linear axis.

ANALTYICAL RESULTS

The laboratory results are summarized in Table 2 (Appendix "A"), and the laboratory report is contained in Appendix "F". Data for all previous ESTC monitoring events are shown in Table 1; we currently do not have any data for monitoring events that may have taken place in 2010 or 2011.

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Hydrocarbon concentrations in STMW-1, STMW-2, and STMW-3 are essentially identical to those obtained in August 2009. These concentrations remain near or below the standard detection limits.

The TPHg concentration in STMW-4 continues to decline, from 1,000 μ g/L in July 2008, to 355 μ g/L in August 2009, to 290 μ g/L today. The TPHd concentration did not continue a similar decline, but instead rose from 105 μ g/L to 370 μ g/L. BTEX and gasoline oxygenate concentrations remain at or below the detection limit. BTEX and oxygenate concentrations in STMW-5 have been below the detection limit for some time, and this quarter the TPHg concentration was also below the limit.

The TPHg, Benzene, and MTBE concentrations are contoured in Figures 3 through 5.

RECOMMENDATIONS

The groundwater gradient at this site is relatively flat, and the water table slopes inward toward the center of the site, which reduces the potential for contaminated groundwater to flow away from the site. In addition, the concentrations of hydrocarbons are very low and do not pose a risk to public health or to groundwater. Because of this, and the evidence for gradual decline, we recommend closing the site with no further action.

A copy of this report should be forwarded to ACHCSA-EHS and the Regional Water Quality Control Board for their review and comments.

LIMITATIONS

This report and the associated work have been provided in accordance with the general principles and practices currently employed in the environmental consulting profession. The contents of this report reflect the conditions of the site at this particular time. The findings of this report are based on:

- 1) The observations of field personnel.
- 2) The results of laboratory analyses performed by a state-certified laboratory.

It is possible that variations in the soil and groundwater could exist beyond the points explored in this investigation. Also, changes in groundwater conditions of a property can occur with the passage of time due to variations in rainfall, temperature, regional water usage and other natural processes or the works of man on this property or adjacent property.

The services that ESTC provided have been in accordance with generally accepted environmental professional practices for the nature and conditions of work completed in the same or similar localities at the time the work was performed. The contents of this report reflect the conditions of the subject site at this particular time. No other warranties, expressed or implied as to the professional advice provided are made.

APPENDIX "A"

TABLES

ENVIRO SOIL TECH CONSULTANTS

TABLE 1 GROUNDWATER MONITORING DATA (feet) AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	В	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs By 82060B
5/19/05a	STMW-1 (41.92)*	20	5-20	6.68*	35.24	No sheen or odor	220	ND <50b	11	18	3.1	20	ND <1	NA	NA	NA	Not Analyzed
4/06/06	*			4.16*	37.76	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	1.7	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/05/07				8,38*	33.54	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	5.4	ND <0.5	ND <10	ND <0.5	None Detected<0.5
10/15/07	4 =			6.44*	35.48	No sheen or odor	ND <50	ND <52	ND <0.5	ND <0.5	ND <0.5	ND <0.5	4.1	ND <0.5	ND	ND	None Detected<0.5
1/18/08		*		5.50*	34.42	No sheen or odor	ND .	ND <50	ND <0.5	0.64	ND <0.5	ND <0.5	2.7	ND	<10 ND .	<0.5 ND	None Detected<0.5
4/11/08				6.90*	35.02	No sheen or odor	ND <50	ND <52	ND <0.5	ND <0.5	ND <0.5	ND	ND	<0.5 ND	<10 ND	<0.5 ND	None Detected<0.5
7/14/08				8.46*	33.46	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND	<1 1.3	<0.5 ND	<10 ND	<0.5 ND	None Detected<0.5
8/20/09		-		9.00*	32.92	No sheen or odor	ND <50	ND <94	ND <1	ND <1	ND <1	<1 ND <2	1.8	<0.5 ND	<10 ND	<0.5 ND	None Detected<1
6/19/12	1			7.84*	34.08	No sheen or odor	ND <50	ND <260	ND <0.5	ND <0.5	ND <0.5	ND <1	1.6	<1 ND <0.5	<10 ND <5	<1 ND <0.5	None Detected<0.5
5/19/05a	STMW-2 (41.74)*	20	5.20	7.32*	34.42	No sheen or odor	170	ND <50b	11	18	3.5	21	ND <1	NA-	NA	NA	Not Analyzed
4/06/06				4.36*	37.38	Rainbow sheen No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0,5	ND <1	ND <0.5	ND <10	ND	None Detected<0.5
2/05/07				8.06*	33.68	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND	<0.5 ND	None Detected<0.5
10/15/07				7.23*	34.51	No sheen or odor	ND <50	ND <58	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	<10 ND	<0.5 ND	None Detected<0.5
1/18/08				6.32*	35.42	No sheen or odor	ND <50	ND <50	ND <0.5	1	ND <0.5	ND <0.5	ND <1	ND <0.5	<10 ND	<0.5 ND	None Detected<0.5
4/11/08	1			7.82*	33.92	Rainbow sheen No odor	ND <50	ND <50j	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND	ND	<10 ND	<0.5 ND	None Detected<0.5
7/14/08				8.84*	32.90	No sheen or odor	ND <50	ND <51	ND <0.5	ND <0.5	ND <0.5	ND	<i ND</i 	<0.5 ND	<10 ND	<0.5 ND	None Detected<0.5
8/20/09		1.13		9.46*	32.28	No sheen or odor	ND <50	ND <94	ND <1	ND <1	<0.5 ND <1	<1 ND <2	<1 ND <1	<0.5 ND	<10 ND <10	<0.5 ND	None Detected<1

TABLE 1 CONT'D GROUNDWATER MONITORING DATA (feet) AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	В	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs By 82060B
6/19/12	STMW-2 (41.74)	20	5.20	8.34*	33.40	No sheen or odor	ND <50	ND <94	ND <0,5	ND <0.5	ND <0.5	ND <1	0.54	ND <0.5	ND <5	ND <0.5	None Detected<0.5
5/19/05a	STMW-3 (42.01)*	20	5-20	8.26*	33.75	No sheen or odor	470	ND <50 b	13	18	4.9	22	ND <1	NA	NA	NA	Not Analyzed
4/06/06				6.02*	35.99	Rainbow sheen No odor	2200	ND <50c	ND <0.5	ND <0.5	ND <0.5	ND <0.5	1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/05/07				9.32*	32.69	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
10/15/07				8.20* •	33,81	No sheen or odor	ND <50	ND <55	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	<0.5 ND <0.5	None Detected<0.5
1/18/08h				7.70*	34.31	Rainbow sheen No odor	820f	390g	ND <2.5	ND <2.5	ND <2.5	ND <2.5	ND <5	ND <2.5	ND <50	ND <2.5	Isopropylbenzene 8,6
4/11/08				8.74*	33.27	Rainbow sheen No odor	ND <50	ND <48	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <i< td=""><td>ND <0.5</td><td>ND</td><td>ND</td><td>None Detected<0.5</td></i<>	ND <0.5	ND	ND	None Detected<0.5
7/14/08				9.36*	32.65	Rainbow sheen No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <1	1.4	ND <0.5	<10 ND	<0.5 ND	None Detected<0.5
8/20/09				10.06*	31.95	No sheen or odor	50.8	ND <91	ND <1	ND <1	ND <1	ND <2	2.3	ND <1	<10 ND	<0.5 ND	Di-Isopropyl Ether .0.95m
6/19/12				9.08*	32.93	No sheen or odor	ND <50	ND <94	ND <0.5	ND <0.5	ND <0.5	ND <1	1.5	ND <0.5	<10 ND <5	<1 ND <0.5	None Detected<0.5
5/19/05a	STMW-4 (42.48)*	20	5-20	8.10*	34.38	Rainbow sheen Light petroleum odor	2700	ND <500b	3.2	ND	1.6	5	ND	ND	ND	ND	Isopropylbenzene 36
4/06/06				6.32*	36.16	Rainbow sheen Petroleum odor	1800	ND <50e	1.5	<1 1.4	1.1	3.5	ND	<1 ND	<20 ND	<i ND</i 	n-Propylbenzene 30 Isopropylbenzene 41
2/05/07				9.24*	33.24	Rainbow sheen Petroleum odor	2500	ND <50d	5	ND <1	1,5	3.5	ND	<i ND</i 	<20 ND	<1 ND	n-Propylbenzene 23 Isopropylbenzene 45
10/15/07				8.06*	34.42	No sheen or odor	510	ND <50e	1.5	0.53	0.54	1,3	ND .	<1 ND	<20 ND	<1 ND	n-Propylbenzene 28 Isopropylbenzene 19
1/18/08				7.64*	34.84	No sheen or odor	150f	57i	1.3	0.56	ND <0.5	0.58	<1 ND <1	<0.5 ND <0.5	<10 ND	<0.5 ND	n-Propylbenzene 9,5 Isopropylbenzene 2,6
4/11/08				8.78*	33.70	Rainbow sheen No odor	1200 f	650k	ND <0.5	ND <0.5	ND <0.5	1.3	ND <1	ND <0.5	<10 ND <10	<0.5 ND <0.5	Isopropylbenzene 22 n-Propylbenzene 8.4

TABLE 1 CONT'D GROUNDWATER MONITORING DATA (feet) AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	ТРНд	TPHd	В	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs By 82060B
7/14/08	STMW-4 (42.48)	20	5-20	7.90*	34.58	Rainbow sheen No odor	1000 f	4901	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 3° n-Propylbenzene 1. sec-Butylbenzene 6.9
8/20/09	2			9.70*	32.78	Rainbow sheen Sewerage odor	355	105n	0.65m	ND <1	0.4m	ND <2	1.2	ND <1	ND <10	ND <1	n-Butylbenzene 2m sec-Butylbenzene 5.5 tert-Butylbenzene 0.76m Di-Isopropyl Ether 2.4m Isopropylbenzene 21.2 p-Isopropylbenzene 0.92m n-Propylbenzene 8.1
0/19/12				8.96*	33.52	No sheen or odor	2900	370	ND <0.5	ND <0.5	ND <0.5	ND <1	0.75	ND <0.5	ND <5	ND <0.5	DIPE 1.2 Isopropylbenzene 8.5 n-Propylbenzene 2.8 n-Butylbenzene 0.68
5/19/05a	STMW-5 (40.84)*	20	5-20	6.58*	34.26	Light rainbow sheen No odor	1500	ND <50 b	16	ND <0.5	0.52	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 13
4/06/06				4.74*	36.10	Rainbow sheen No odor	640	ND <50c	15	ND <0.5	0.91	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 7,1
2/05/07				7.96*	32,88	No sheen or odor	600	ND <50d	4.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 8.4
10/15/07	-			6.72*	34.12	No sheen or odor	270	ND <50e	0.83	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
1/18/08h				5.52*	35,32	Rainbow sheen Petroleum odor	1400f	3300g	2.8	3.2	ND <2.5	4	ND <5	ND <2.5	ND <50	ND <2.5	Isopropylbenzene 44 n-Propylbenzene 27
4/11/08				7.06*	33.78	No sheen or odor	140 f	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
7/29/08				8.29*	32.55	No sheen or odor	140	ND <48	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/10/09 6/19/12				8.72*	32.12	No sheen or odor	251	ND <94	0.6m	ND <1	ND <1	ND <2	ND <1	ND <i< td=""><td>ND <10</td><td>ND <1</td><td>sec-Butylbenzene 1.1m Di-Isopropyl Ether 3.5m Isopropylbenzene 2.1 n-Propylbenzene 0.58m</td></i<>	ND <10	ND <1	sec-Butylbenzene 1.1m Di-Isopropyl Ether 3.5m Isopropylbenzene 2.1 n-Propylbenzene 0.58m
W 17/12				7.78*	33.06	No sheen Slight Sewerage odor	ND <50	ND <94	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <0.5	ND <5	ND <0.5	DIPE 0.92 Isopropylbenzene 0.51

TABLE 1 CONT'D GROUNDWATER MONITORING DATA (feet) AND ANALYTICAL RESULTS (µg/L)

TPHg - Total Petroleum Hydrocarbons as gasoline

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes

PCE - Tetrachloroethene

TCE - Trichloroethene

DIPE - Diisopropyl Ether

GW Elev. - Groundwater Elevation

NA - Not Analyzed

TPHd - Total Petroleum Hydrocarbons as diesel

MTBE - Methyl Tertiary Butyl Ether

TBA - tert-Butanol

VOCs - Volatile Organic Compounds

Perf. - Perforation

ND - Not Detected (Below Laboratory Reporting Limit)

* Groundwater was surveyed based on California Coordinate System 1983, Zone 3. The benchmarks are NGVD 1929 Datum

* Well screens are submerged

* Well screens are not submerged

a Water samples for TPHg, BTEX and MTBE analyses were collected on May 23, 2005

b Higher boiling gasoline compounds in the diesel range

c Hydrocarbon (C8-C36) (C8-C18). No diesel pattern present

d Hydrocarbon (C9-C16). No diesel pattern present

e Higher boiling gasoline compounds (C9-C16). No diesel pattern

f A typical pattern

g Not a typical pattern (C9-C16)

h Sample was diluted due to high concentration of non-target compounds

i Not a typical pattern. Higher boiling gasoline compounds in the diesel range (C9-C16)

j Reporting limits raised due to insufficient sample volume (high level of sediment)

k Not a typical pattern. Pattern resembles Mineral Spirits (C10-C16)

1 Not a typical pattern. Higher boiling gasoline compounds in the diesel range (C10-C16)

m Indicates an estimated value

n Higher boiling gasoline compounds in the diesel range (C10-C16)

 Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons in range C5-C12 quantified as gasoline

TABLE 2 RECENT GROUNDWATER MONITORING DATA (feet) AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev,	Well Observation	ТРНд	TPHd	В	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs By 82060B
6/19/12	STMW-1 (41.92)*	20	5-20	7,84*	34.08	No sheen or odor	ND <50	ND <260	ND <0.5	ND <0.5	ND <0.5	ND <1	1.6	ND <0.5	ND <5	ND <0.5	None Detected<0.5
6/19/12	STMW-2 (41.74)*	20	5.20	8.34*	33.4	No sheen or odor	ND <50	ND <94 -	ND <0.5	ND <0.5	ND <0.5	ND <1	0.54	ND <0.5	ND <5	ND <0.5 ·	None Detected<0.5
6/19/12	STMW-3 (42.01)*	20	5-20	9.08*	32.93	No sheen or odor	ND <50	ND <94	ND <0.5	ND <0.5	ND <0.5	ND <1	1.5	ND <0.5	ND <5	ND <0.5	None Detected<0.5
6/19/12	STMW-4 (42.48)*	20	.5-20	8.96*	33.52	No sheen or odor	290o	370	ND ≺0.5	ND <0.5	ND <0.5	ND <1	0.75	ND <0.5	ND <5	ND <0.5	DIPE 1.2 Isopropylbenzene 8.5 n-Propylbenzene 2.8 n-Butylbenzene 0.68
5/19/12	STMW-5 (40.84)*	20	5-20	7.78*	33.06	No sheen Slight sewerage odor	ND <50	ND <94	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <0.5	ND <5	ND <0.5	DIPE 0.92 Isopropylbenzene 0.51

TPHg - Total Petroleum Hydrocarbons as gasoline

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes

PCE - Tetrachloroethene

TCE - Trichloroethene

GW Elev. - Groundwater Elevation

ND - Not Detected (Below Laboratory Reporting Limit)

TPHd - Total Petroleum Hydrocarbons as diesel

MTBE - Methyl Tertiary Butyl Ether

TBA - tert-Butanol

VOCs - Volatile Organic Compounds

Perf. - Perforation

DIPE - Diisopropyl Ether

* Groundwater was surveyed based on California Coordinate System 1983, Zone 3. The benchmarks are NGVD 1929 Datum

* Well screens are submerged * Well screens are not submerged

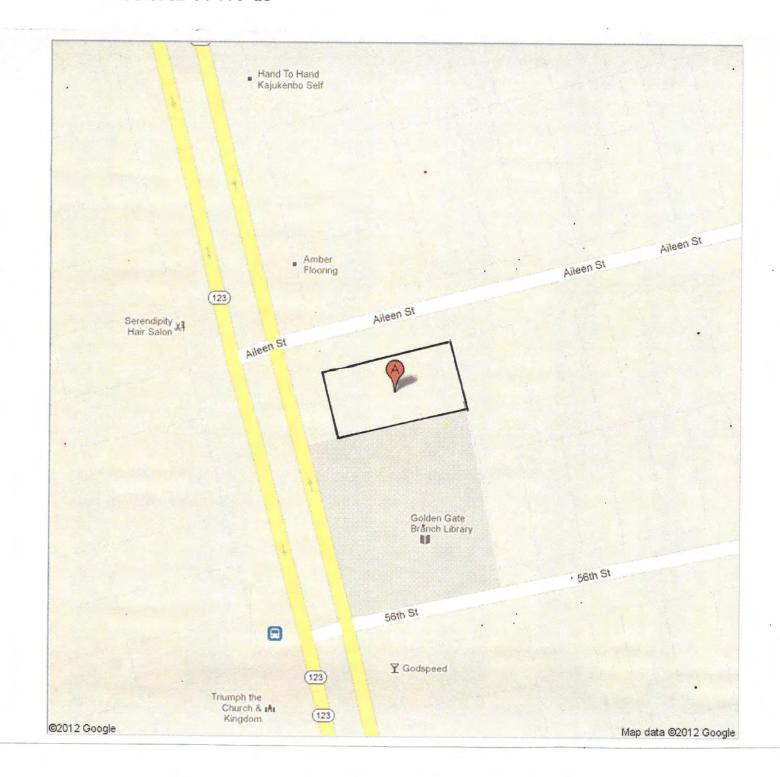
o Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons in range C5-C12 quantified as gasoline

TABLE 3 SUMMARY OF MONITORING WELLS DATA IN FEET

Well No.	Well Diameter (inch)	Depth of Well	Depth of Perforation	Depth of Blank	Depth of Cement	Depth of Bentonite	Depth of Sand
STMW-1	2	20	5-20	0-5	0-31/2	31/2-4	. 4-20
STMW-2	2	20	5-20	0-5	0-31/2	31/2-4	4-20
STMW-3	2	20	5-20	0-5	0-31/2	31/2-4	4-20
STMW-4	2	20	5-20	0-5	0-31/2	31/2-4	4-20
STMW-5	2	20	5-20	0-5	0-31/2	31/2-4	4-20

APPENDIX "B"

FIGURES

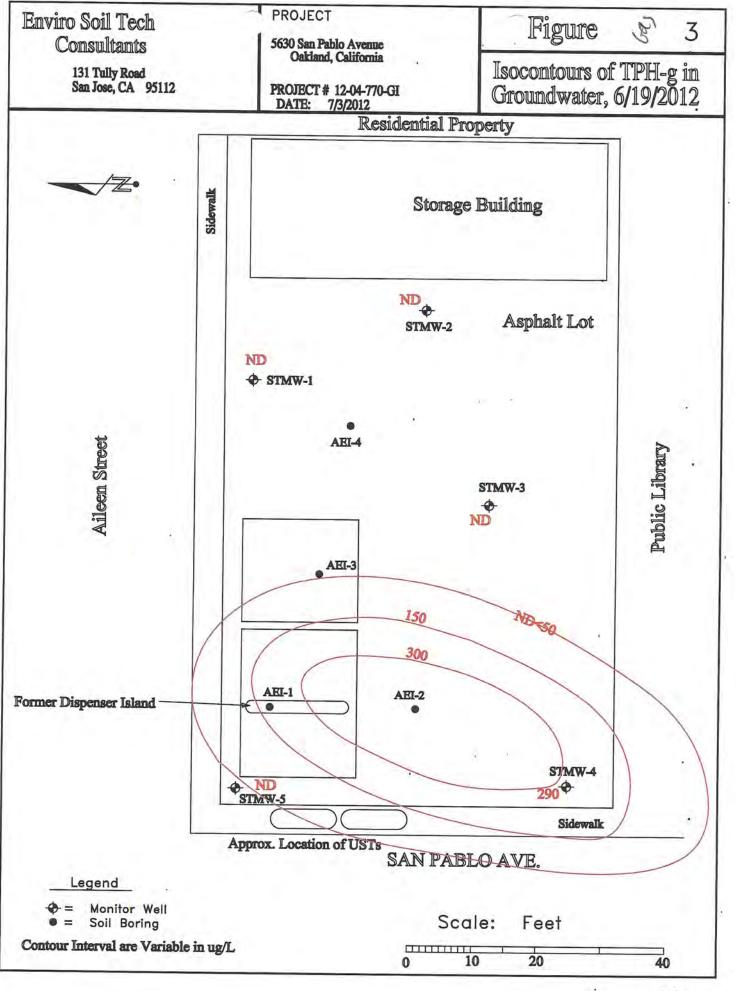


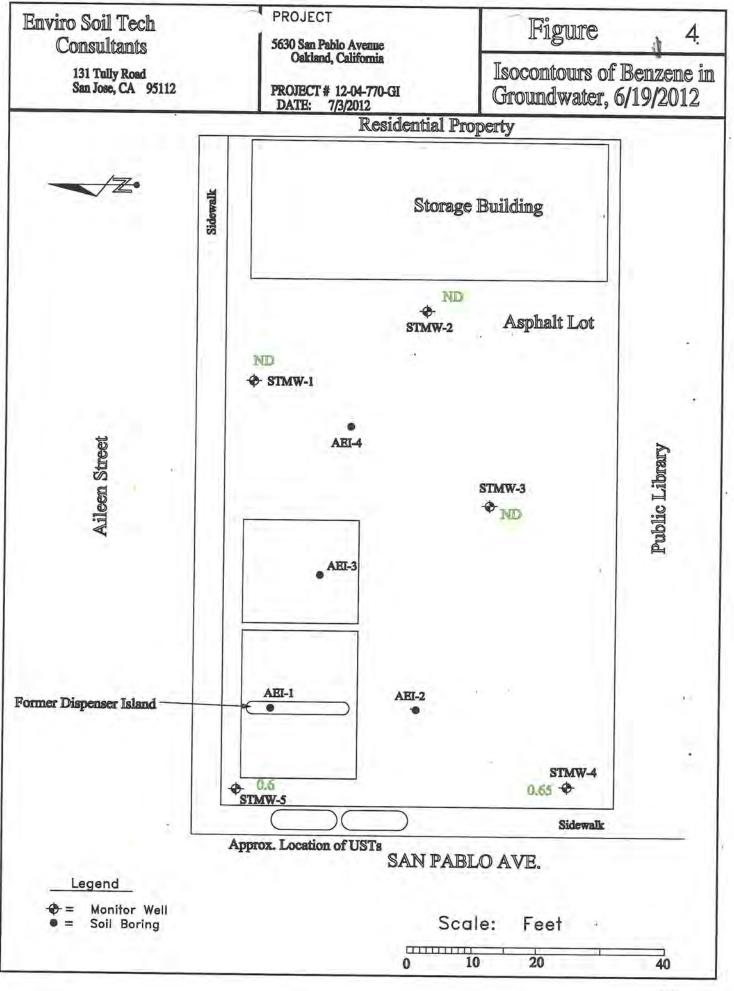
5630 SAN PABLO AVENUE, OAKLAND, CA

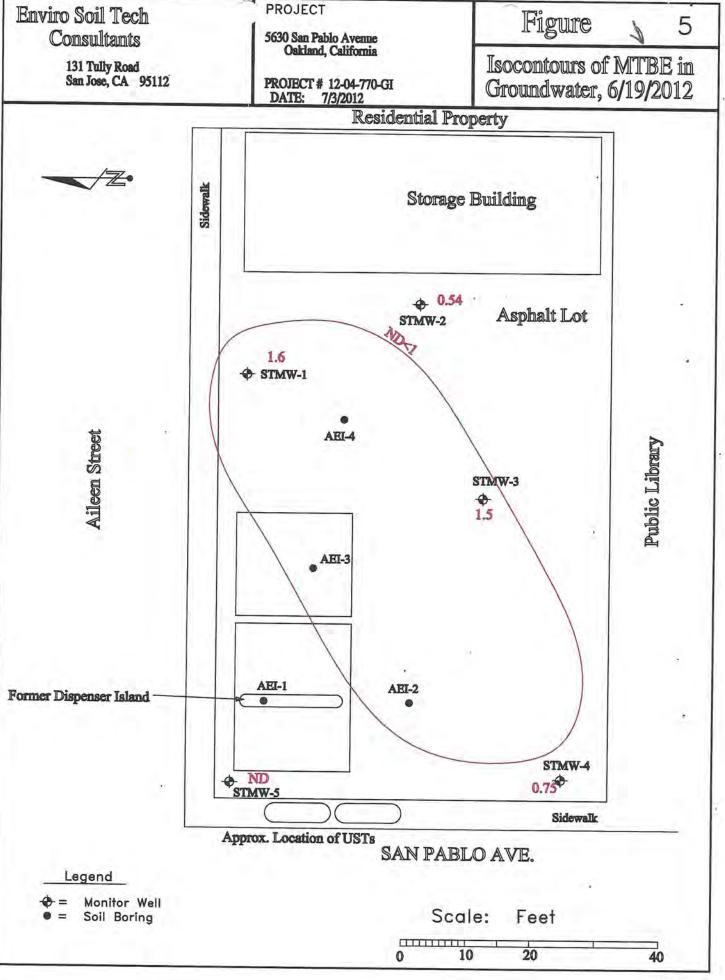
ENVIRO SOIL TECH CONSULTANTS

Figure 1

PROJECT Enviro Soil Tech Figure Consultants 5630 San Pablo Avenue Oakland, California Groundwater Elevation 131 Tully Road San Jose, CA 95112 PROJECT # 12-04-770-GI June 19, 2012 DATE: 7/3/2012 Residential Property Storage Building 33.40 sphalt Lot STMW-2 34.08 STMW-1 Public Library AEI-4 Aileen Street STMW-3 32.93 AEI-AEI-1 AEI-2 Former Dispenser Island 33.52 STMW-5 STMW-4 Sidewalk Approx. Location of USTs SAN PABLO AVE. Legend Monitor Well Soil Bering Scale: Feet Contour Interval = 0.25 feet шиши 20 0 10 40



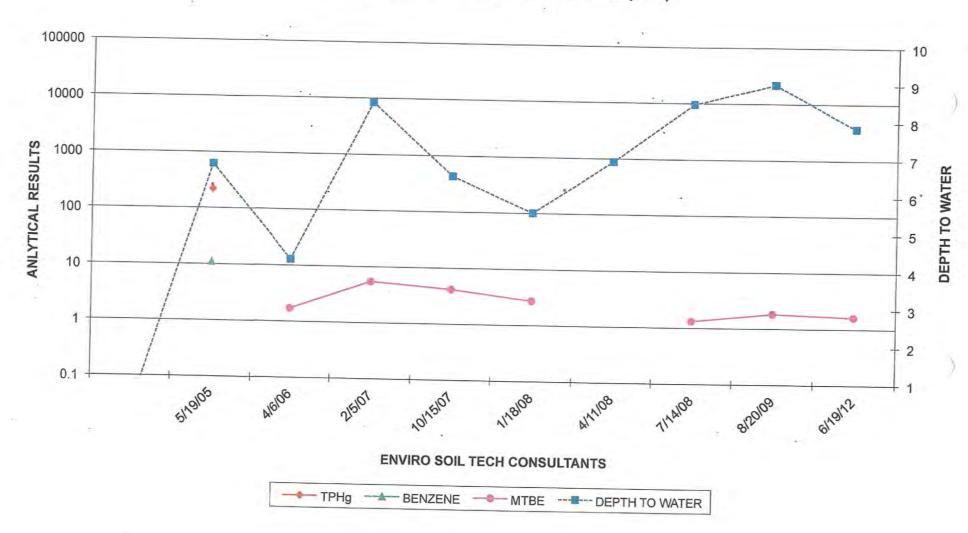




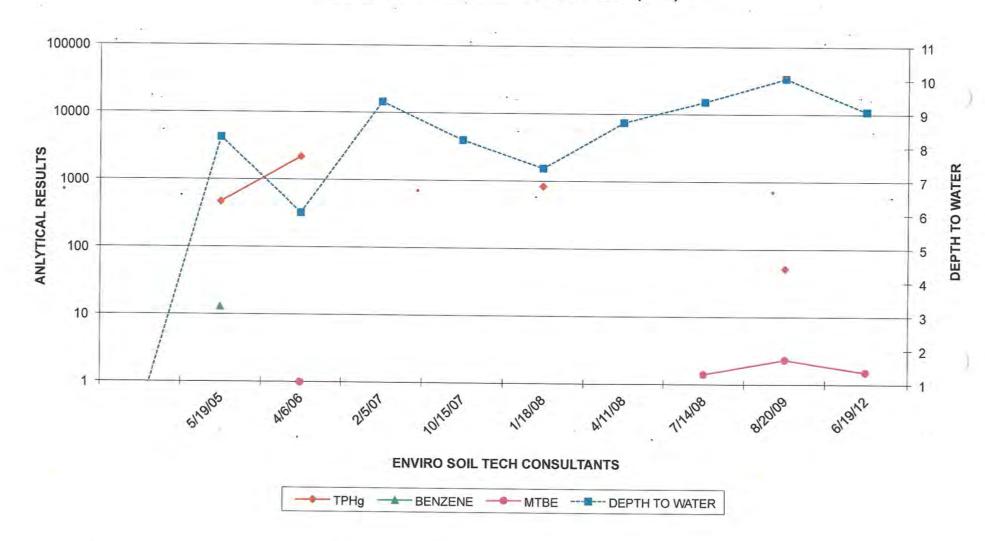
APPENDIX "C"

HYDROGRAPHS

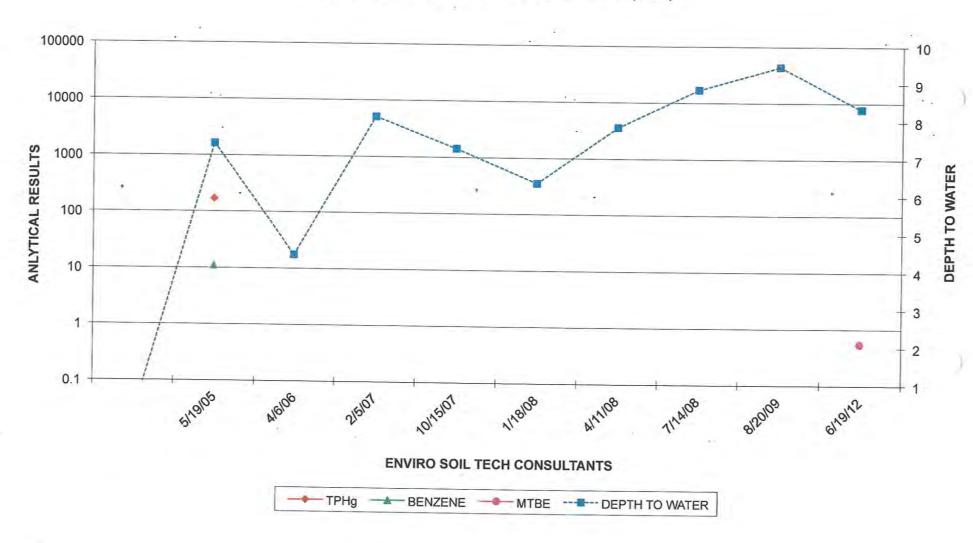
File No.: 12-04-770-GI
TPHg, BENZENE & MTBE FOR STMW- 1 (μg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



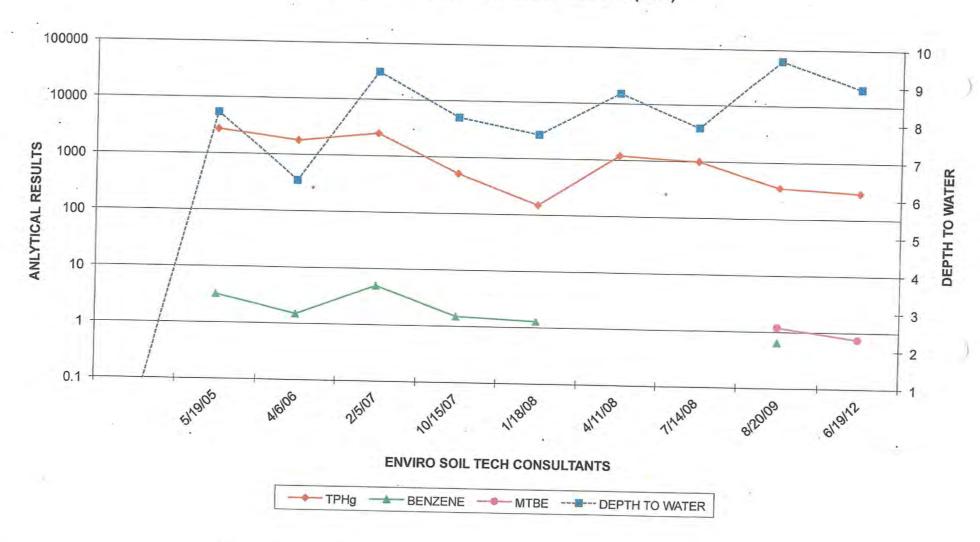
File No.: 12-04-770-GI
TPHg, BENZENE & MTBE FOR STMW- 3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



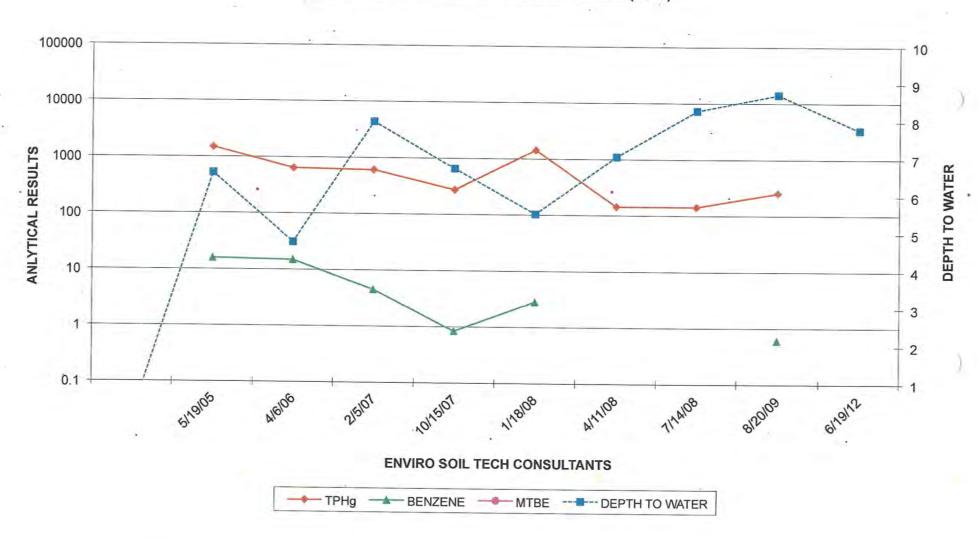
File No.: 12-04-770-GI
TPHg, BENZENE & MTBE FOR STMW- 2 (μg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



File No.: 12-04-770-GI TPHg, BENZENE & MTBE FOR STMW- 4 ($\mu g/L$) AND DEPTH TO WATER MEASUREMENT (Feet)



File No.: 12-04-770-GI
TPHg, BENZENE & MTBE FOR STMW- 5 (μg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



APPENDIX "D"

STANDARD OPERATION PROCEDURE

ENVIRO SOIL TECH CONSULTANTS

GROUNDWATER SAMPLING

All of the sampling equipment (i.e. bailer, cables, bladder pump, discharge lines and etc.) was cleaned by pumping TSP water solution followed by distilled water prior to collection of groundwater samples,

Prior to purging, the well "Water Sampling Field Survey Forms" were filled out (depth to water and total depth of water column were measured and recorded): The well was then bailed or pumped to remove four to ten well volumes or until the discharged water temperature, conductivity and pH stabilized. "Stabilized" is defined as three consecutive readings within 15% of one another.

The groundwater sample was collected when the water level in the well recovered to 80% of its static level.

Forty milliliter (ml.), glass volatile organic analysis (VOA) vials and one-liter amber glass bottles with Teflon septa were used as sample containers. The groundwater sample was decanted into each glass bottle and VOA vial in such a manner that there was a meniscus at the top. The cap was quickly placed over the top of the glass bottle and vial and securely tightened. The glass bottles and VOA vials were then inverted and tapped to see if air bubbles were present. If none were present, the sample was labeled and refrigerated for delivery under chain-of-custody to the laboratory. The label information would include a sample identification number, job identification number, date, time, type of analysis requested, and the sampler's name.

APPENDIX "E"

FIELD NOTES

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 2-04-770-GI WELL NO.: STMW- DATE: 6-19-12 SAMPLER: 1AME2 1AME2 DEPTH TO WELL: 20 Cook DEPTH TO WATER: 7 84 SWELL VOLUME: HEIGHT OF WATER COLUMN: 2. 6 ACTUAL PURGED VOLUME: 10 CASING DIAMETER: 2" 4" CALCULATIONS: 2"-x 0.1632 2 6 2"-x 0.1632 PURGE METHOD: BAILER DISPLACEMENT PUMP OTHER SHEEN: NO VES, DESCRIBE: FIELD MEASUREMENTS TIME VOLUME PH TEMP. E.C. 2						
DATE: 6-19-12 DEPTH TO WELL: 20	FILE NO.: 12	-04-770-GI		WELL NO.:	Stmu)-1
DEPTH TO WELL: 20		0		the second secon		
DEPTH TO WATER: 784 HEIGHT OF WATER COLUMN: 12.16 CASING DIAMETER: 2" 4" CALCULATIONS: 2" - x 0.1632	DEPTH TO WE	LL: 20 foot	_			
ACTUAL PURGED VOLUME: 10			="1"			
CALCULATIONS: 2"-x 0.1632 × 12.16 = 1.9845 × 5 - 9.9 2.2 4"-0.653 PURGE METHOD: BAILER			6			ME: 10
2"-x 0.1632 × 2 6 = .9845 × 5 - 9.9 22 4"-0.653 PURGE METHOD:	CASING DIAMI	ETER:	2"	· · · · · · · · ·	4"	
## - 0.653 PURGE METHOD:	CALCULATION	IS:				
## - 0.653 PURGE METHOD:	2" - x 0.16	$32 \times 12 16 = 1$	9845 ×5 =	9.922		
SAMPLE METHOD:				1. 1		
SAMPLE METHOD:						
SAMPLE METHOD:	PURGE METHO	D: BAILER	× DISPLA	CEMENT PUM	IP	OTHER
SHEEN: NO YES, DESCRIBE: DDOR: NO YES, DESCRIBE: FIELD MEASUREMENTS TIME VOLUME PH TEMP. E.C. 2 6.89 17.2 419 4 6.79 16.9 438 6 6.78 16.8 450 8 6.88 16.8 397		1			=	
FIELD MEASUREMENTS TIME VOLUME pH TEMP. E.C. 2 6.89 17.2 4/9 4 6.79 16.9 438 6 6.78 16.8 450 8 6.88 16.8 397						
FIELD MEASUREMENTS TIME	SHEEN:	NO	YES, DESCRIBE	:		
FIELD MEASUREMENTS TIME	ODOR:	NO				
TIME VOLUME pH TEMP. E.C. 2 6.89 17.2 4/9 4 6.79 16.9 438 6 6.78 16.8 450 8 6.88 16.8 397	2					
2 6.89 17.2 419 4 6.79 16.9 438 6 6.78 16.8 450 8 6.88 16.8 397		FIELD	MEASUREME	NTS		
4 6.89 17.2 419 6.79 16.9 438 6 6.78 16.8 450 8 6.88 16.8 397	TIME	VOLUME	p <u>H</u>	TE	MP.	E.C.
4 6.79 16.9 438 6 6.78 16.8 450 8 6.88 16.8 397		2	6 89	15	10	419
8 6.88 16.8 397		4	6.79	- 16	9	430
8 6.88 16.8 397		6	678		and the second	450
0.35 10.5		8	6 88	100.00		397
. 17.0 376		ib		12	0	3.71
		,	6.01		.0	5/10

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

SAMPLE METHOD: BAILEROTHER SHEEN: NOYES, DESCRIBE:						
DATE: 6 - 9 - 12 DEPTH TO WELL: 30 Ceet DEPTH TO WATER: 9.34 HEIGHT OF WATER COLUMN: 11.66 CASING DIAMETER: 2" 4" CALCULATIONS: 2" - x 0.1632	FILE NO.: 12-	-04-770-GI		WELL NO.:	STMI	17-2
DEPTH TO WELL: 30					2	777
ACTUAL PURGED VOLUME: 10	DEPTH TO WEL	L: 30 feet				
CASING DIAMETER:	DEPTH TO WAT	ER: 8.34		5 WELL VOL	UME:	
CALCULATIONS: 2"-x 0.1632	HEIGHT OF WA	TER COLUMN: 11,6	26	ACTUAL PUI	RGED VOLU	JME: 10
2"-x 0.1632	CASING DIAME	TER:	2"		4"	
## - 0.653 PURGE METHOD:	CALCULATIONS	S:				
## - 0.653 PURGE METHOD:	2" - x 0.163	2 × 11.66= 1.9	0×5 = 9.5			
SAMPLE METHOD:						-
SAMPLE METHOD:						
SHEEN:	PURGE METHOI	D:BAILER	DISPLAC	CEMENT PUN	MP _	OTHER
ODOR:	SAMPLE METHO	DD:BAILER	OTHER			
ODOR:	×		777			
FIELD MEASUREMENTS TIME VOLUME PH TEMP. E.C. 2 6.94 18.6 349 4 6.79 18.6 354						
TIME VOLUME PH TEMP. E.C. 2 6.99 18.7 349 4 6.79 18.6 354	ODOR:	NO	_YES, DESCRIBE:			
2 6.99 18.7 349 4 6.79 18.6 354		FIELD	MEASUREMEN	NTS		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	TIME	VOLUME	p <u>H</u>	TI	EMP.	<u>E.C.</u>
4 6.79 18.6 354		2	1 00	18	7	349
6.80 17.2 353 8 6.68 17.4 350 10 6.73 16.8 350			6.79	18.	Ó	354
8 6.68 17.4 350 10 6.73 16.8 350		6	6.80	17.	2	353
10 6.73 16.8 350		8	6.68	17	4	350
		10	1 0	16	8	350
			Contract Con			

9.04

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants 131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

DATE: 6 DEPTH TO WELL DEPTH TO WAT	-04-770-GI -19-12 L: 20-Ceet ER: 9.08-f4 TER COLUMN: 10.92	_ S _ 1 _ 5	WELL NO.:	PI HAMEN
CASING DIAME	TER:	_2"	4"	
4'' - 0.653	2 <u>X 0.92 = 1.79</u> D:BAILER DD:BAILERNO	DISPLACE OTHER YES, DESCRIBE:	EMENT PUMP	OTHER
	FIELD M	MEASUREMEN	TS	
TIME	VOLUME 1.75 3.5 5.25 7 DRY 89.9	7.0 6.80 6.99 7.29 7.02	TEMP. 17.0 16.7 16.6 16.9 16.7	E.C. 422 411 452 423 408

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants 131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 12	-04-770-GI		WELL NO.:_	STM	W-4
DATE: 6	-19-12				HAMERI
DEPTH TO WEI	L: 20 feet		WELL VOL		
DEPTH TO WAT	TER: 8.96 ft		WELL VOL	UME:	
HEIGHT OF WA	TER COLUMN: 1.04	<u>+</u>	ACTUAL PUF	RGED VOLU	ME: 9
CASING DIAME	TER:	2"		4"	
CALCULATIONS	S:				
2" - x 0.163	12 X 11.04 = 1.	8017 × 5 =	9.008		
4" - 0.653					
PURGE METHO	D:BAILER	DISPLACE	EMENT PUM	TP .	OTHER
SAMPLE METHO	DD:BAILER	OTHER		_	
SHEEN:	NO	_YES, DESCRIBE:_			
ODOR:	NO	_YES, DESCRIBE:_			
	FIELD	MEASUREMEN	TS		
TIME	VOLUME	pН	TE	MP.	E.C.
	2	723	17)	404
	4	7.06	17	1	300
	6	7 17	17	1	411
	8	7.14	17	4	423
	9 NRY	7 08	17	Z	430
		1. 0		٥	1 30

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO .: 12-04-770-GI WELL NO .: STIMLA DATE: 6 - 19 - 1SAMPLER: HAMEI HAMEDT DEPTH TO WELL: 1 WELL VOLUME: DEPTH TO WATER: 5 WELL VOLUME: HEIGHT OF WATER COLUMN: ACTUAL PURGED VOLUME: 10 CASING DIAMETER: CALCULATIONS: 2"-x 0.1632 x 12 22 = 1.994 x5 = 9.97 4" - 0.653 X DISPLACEMENT PUMP PURGE METHOD: BAILER OTHER SAMPLE METHOD: X BAILER OTHER SHEEN: NO YES, DESCRIBE: ODOR: YES, DESCRIBE: Slight Sewer FIELD MEASUREMENTS TIME **VOLUME** pH TEMP.

984

APPENDIX "F"

LABORATORY REPORT

ENVIRO SOIL TECH CONSULTANTS



Frank Hamedi Enviro Soil Tech Consultants 131 Tully Road San Jose, California 95111 Tel: 408 297 1500

Email: info@envirosoiltech.com RE: 5630 San Pablo Ave., Oakland

Work Order No.: 1206121

Dear Frank Hamedi:

Torrent Laboratory, Inc. received sample(s) on June 21, 2012 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 June 28, 2012

Date



Date: 6/28/2012

Client: Enviro Soil Tech Consultants

Project: 5630 San Pablo Ave., Oakland

Work Order: 1206121

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.



Sample Result Summary

Report prepared for:	Frank Hamedi				-		25.007.00
	Enviro Soil Tech Consultants					Received:	
STMW-1	250 FOOT CONSULATION				Date	Reported:	06/28/12 206121-00
Parameters: MTBE		Analysis Method	DF	MDL	PQL	Results	Unit
WIDE		SW8260B	1	0.17	0.50	1.6	ug/L
OTANA A							
STMW-2						12	06121-002
Parameters:		Analysis Method	DF	MDL	PQL	Results	Unit
WIDE		SW8260B	1	0.17	0.50	0.54	ug/L
STARIN S							
STMW-3						120	06121-003
Parameters:		Analysis Method	DF	MDL	PQL	Results	Unit
MTBE		SW8260B	1	0.17	0.50	1.5	ug/L
STMW-4						120	6121-004
Parameters:		Analysis Method	DF	MDL	PQL	Results	Unit
MTBE		SW8260B	1	0.17	0.50	0.75	ug/L
Diisopropyl ether (DIPE) Isopropyl Benzene		SW8260B	1	0.13	0.50	1.2	ug/L
n-Propylbenzene		SW8260B	1	0.097	0.50	8.5	ug/L
n-Butylbenzene		SW8260B	7	0.078	0.50	2.8	ug/L
J. Zerikolio		SW/8260B			40.20	7	-31-

SW8260B

8260TPH

SW8015B(M)

0.081

31

0.0376

0.50

50

0.094

0.68

290

0.37

ug/L

ug/L

mg/L

TPH(Gasoline)

TPH as Diesel



Sample Result Summary

Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

STMW-5

1206121-005

Parameters: Analysis DF MDL PQL Results Unit Method Diisopropyl ether (DIPE) SW8260B 0.13 0.50 0.92 ug/L Isopropyl Benzene SW8260B 0.097 0.50 0.51 ug/L



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-1

Lab Sample ID:

1206121-001A

Project Name/Location: Project Number:

5630 San Pablo Ave., Oakland

Sample Matrix: Water

12-04-770-GI

Date/Time Sampled:

06/19/12 / 10:55

Tag Number:

5630 San Pablo Ave., Oakland

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND			3.423.13	
Chloromethane	SW8260B	NA	06/25/12	1	0.16	0.50	ND		ug/L	410243	NA
Vinyl Chloride	SW8260B	NA	06/25/12	1	0.16	0.50			ug/L	410243	NA
Bromomethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA
Trichlorofluoromethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA
1,1-Dichloroethene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Freon 113	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
Methylene Chloride	SW8260B	NA	06/25/12	1	0.19		ND		ug/L	410243	NA
trans-1,2-Dichloroethene	SW8260B	NA	06/25/12	1	0.19	5.0	ND		ug/L	410243	NA
MTBE	SW8260B	NA	06/25/12	1		0.50	ND		ug/L	410243	NA
ert-Butanol	SW8260B	NA	06/25/12	1	0.17	0.50	1.6		ug/L	410243	NA
Dilsopropyl ether (DIPE)	SW8260B	NA	06/25/12		1.5	5.0	ND		ug/L	410243	NA
1,1-Dichloroethane	SW8260B	NA		1	0.13	0.50	ND		ug/L	410243	NA
TBE	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
is-1,2-Dichloraethene	SW8260B	NA	2000	1	0.17	0.50	ND		ug/L	410243	NA
2,2-Dichloropropane	SW8260B		06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
Promochloromethane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Chloroform	SW8260B	NA	06/25/12	1	0.20	0.50	ND		ug/L	410243	NA.
Carbon Tetrachloride	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
.1,1-Trichloroethane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
,1-Dichloropropene	SW8260B	NA	06/25/12	1	0.097	0.50	ND		ug/L	410243	NA
enzane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
AME		NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
2-Dichloroethane	SW8260B SW8260B	NA	06/25/12	1	0.17	0,50	ND		ug/L	410243	NA
richloroethylene		NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
ibromomethane	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
2-Dichloropropane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
romodichloromethane	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
s-1,3-Dichloropropene	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
pluene	SW8260B	NA	06/25/12	1	0.096	0.50	ND		ug/L	410243	NA
etrachloroethylene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	
ans-1,3-Dichloropropene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
1,2-Trichloroethane	SW8260B	NA	06/25/12	1	0.23	0.50	ND		ug/L	410243	NA.
	SW8260B	NA	06/25/12	Ť	0.14	0.50	ND		ug/L		NA
bromochloromethane	SW8260B	NA	06/25/12	7	0.096	0.50	ND		ug/L	410243	NA.
3-Dichloropropane	SW8260B	NA	06/25/12	1	0.10	0.50	ND		7.7	410243	NA
2-Dibromoethane	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L ug/L	410243 410243	NA NA

483 Sinclair Frontage Rd., Milpitas, CA 95035 | tel: 408,263.5268 | fex: 408.263.8293 | www.torrentlab.com



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-1

5630 San Pablo Ave., Oakland

Lab Sample ID: 1206121-001A

Sample Matrix:

Project Name/Location: Project Number:

12-04-770-GI

Water

Date/Time Sampled:

06/19/12 / 10:55

Tag Number: 5630 San Pablo Ave., Oakland

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA.
Ethyl Benzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA.
1,1,1,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.096	0.50	ND		ug/L	410243	. NA
m,p-Xylene	SW8260B	NA	06/25/12	1	0.13	1.0	ND		ug/L	410243	NA
o-Xylene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Styrene	SW8260B	NA	06/25/12	1	0.21	0.50	ND		ug/L	410243	NA
Bromoform	SW8260B	NA	06/25/12	1	0.21	1.0	ND		ug/L	410243	NA
Isopropyl Benzene	SW8260B	NA	06/25/12	1	0.097	0.50	ND		ug/L	410243	NA
Bromobenzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.11	0.50	ND		ug/L	410243	NA
n-Propylbenzene	SW8260B	NA	06/25/12	1	0.078	0.50	ND		ug/L	410243	NA
2-Chlorotoluene	SW8260B	NA	06/25/12	1	0.076	0,50	ND		ug/L	410243	NA
1,3,5-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.074	0.50	ND		ug/L	410243	NA
4-Chlorotoluene	SW8260B	NA.	06/25/12	1	0.088	0.50	ND		ug/L	410243	NA
ert-Butylbenzene	SW8260B	NA	06/25/12	1	0.081	0.50	ND		ug/L	410243	NA
1,2,3-Trichloropropane	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
1,2,4-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.083	0.50	ND		ug/L	410243	NA.
sec-Butyl Benzene	SW8260B	NA	06/25/12	1	0.092	0.50	ND		ug/L	410243	
o-Isopropyltoluene	SW8260B	NA	06/25/12	1	0.093	0.50	ND		ug/L	410243	NA
1,3-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.10	0.50	ND		-	200000000000000000000000000000000000000	NA
1,4-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.069	0.50	ND		ug/L	410243	NA
n-Butylbenzene	SW8260B	NA	06/25/12	1	0.081	0.50	ND		ug/L	410243 410243	NA
,2-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.057	0.50	ND		ug/L ug/L	410243	NA
,2-Dibromo-3-Chloropropane	SW8260B	NA	06/25/12	1	0.15	0.50	ND			410243	NA
dexachlorobutadiene	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
,2,4-Trichlorobenzene	SW8260B	NA	06/25/12	4	0.12	0.50	ND		ug/L	410243	NA
laphthalene	SW8260B	NA	06/25/12	1	0.14	1.0	ND		ug/L		NA
,2,3-Trichlorobenzene	SW8260B	NA.	06/25/12	1	0.23	0.50	ND		ug/L	410243	NA
S) Dibromofluoromethane	SW8260B	NA	06/25/12	1	61.2	131	95.7		ug/L	410243	*NA
S) Toluene-d8	SW8260B	NA	06/25/12	1	75.1	127	102		%	410243	NA
S) 4-Bromofiuorobenzene	SW8260B	NA	06/25/12	1	64.1	120	99.1		%	410243 410243	NA NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID: Project Name/Location:

STMW-1

5630 San Pablo Ave., Oakland

Lab Sample ID: Sample Matrix: 1206121-001A

Project Number:

12-04-770-GI

Water

Date/Time Sampled:

06/19/12 / 10:55

Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/25/12	1	31	- 50		1			
(S) 4-Bromofluorobenzene	8260TPH		11 11 11 11 11			50	ND		ug/L	410243	NA
	02001711	NA	06/25/12	1	41.5	125	115		%	410243	NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-1

Project Name/Location:

5630 San Pablo Ave., Oakland

Lab Sample ID: 1206121-001B

Water

Sample Matrix:

12-04-770-GI

Project Number: Date/Time Sampled:

06/19/12 / 10:55

Tag Number:

5630 San Pablo Ave., Oakland

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/25/12	06/26/12	1	0.105	0.26	ND		mg/L	410254	5788
Pentacosane (S)	SW8015B(M)	6/25/12	06/26/12	1	64.2	123	79.6		0/6	410254	5788

- 0



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-2

Lab Sample ID:

Sample Matrix:

1206121-002A

Project Name/Location: Project Number:

5630 San Pablo Ave., Oakland

Water

Date/Time Sampled:

12-04-770-GI 06/19/12 / 10:01

Tag Number:

5630 San Pablo Ave., Oakland

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	06/25/12	1	0.18	0.50	MB				3 3 3 3 3
Chloromethane	SW8260B	NA	06/25/12	1	0.16		ND		ug/L	410243	NA
/inyl Chloride	SW8260B	NA	06/25/12	1	0.16	0.50	ND		ug/L	410243	NA
Bromomethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA
richlorofluoromethane	SW8260B	NA	06/25/12	1		0.50	ND		ug/L	410243	NA
,1-Dichloroethene	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA
reon 113	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Methylene Chloride	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
ans-1,2-Dichloroethene	SW8260B	NA	06/25/12	1		5.0	ND		ug/L	410243	NA
ITBE	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
ert-Butanol	SW8260B	NA.	06/25/12	15	0.17	0.50	0.54		ug/L	410243	NA
isopropyl ether (DIPE)	SW8260B	NA	06/25/12	1	1.5	5.0	ND		ug/L	410243	NA
1-Dichloroethane	SW8260B	NA		1	0.13	0.50	ND		ug/L	410243	NA
TBE	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
s-1,2-Dichloroethene	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA.
2-Dichloropropane	SW8260B		06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
romochloromethane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
hloroform	SW8260B	NA	06/25/12	1	0.20	0.50	ND		ug/L	410243	*NA
arbon Tetrachloride	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
1,1-Trichloroethane	SW8260B	NA.	06/25/12	7	0.15	0.50	ND		ug/L	410243	NA.
1-Dichloropropene	SW8260B	NA	06/25/12	1	0.097	0.50	ND		ug/L	410243	NA
enzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
ME		NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
2-Dichloroethane	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
chloroethylene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
promomethane	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
2-Dichloropropane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
omodichloromethane	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA.
-1,3-Dichloropropene	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
uene	SW8260B	NA	06/25/12	1	0.096	0.50	ND		ug/L	410243	NA
trachloroethylene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
ns-1,3-Dichloropropene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
,2-Trichloroethane	SW8260B	NA	06/25/12	1	0.23	0.50	ND		ug/L	410243	NA
romochloromethane	SW8260B	NA.	06/25/12	1	0.14	0.50	ND		ug/L	410243	
-Dichloropropane	SW8260B	NA	06/25/12	1	0.096	0.50	ND		ug/L ug/L	410243	NA
-Dibromoethane	SW8260B	NA	06/25/12	1	0.10	0.50	ND		ug/L ug/L		NA
-Distribution and	SW8260B	NA	06/25/12	1	0.19	0.50	ND	100	ug/L ug/L	410243 410243	NA NA

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Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-2

Lab Sample ID: Sample Matrix: 1206121-002A

Project Name/Location:

5630 San Pablo Ave., Oakland

Water

Project Number:

12-04-770-GI

Date/Time Sampled:

06/19/12 / 10:01

Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	06/25/12	1	0.14	0.50	ND	1	ug/L	410243	NA
Ethyl Benzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	+ NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.096	0.50	ND		ug/L	410243	NA
m,p-Xylene	SW8260B	NA.	06/25/12	1	0.13	1.0	ND		ug/L	410243	NA
o-Xylene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Styrene	SW8260B	NA	06/25/12	1	0.21	0.50	ND		ug/L	410243	NA
Bromoform	SW8260B	NA	06/25/12	1	0.21	1.0	ND		ug/L	410243	NA
Isopropyl Benzene	SW8260B	NA	06/25/12	1.	0.097	0.50	ND		ug/L	410243	NA
Bromobenzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.11	0.50	ND		ug/L	410243	NA.
n-Propylbenzene	SW8260B	NA	06/25/12	1	0.078	0.50	ND		ug/L	410243	NA
2-Chlorotoluene	SW8260B	NA	06/25/12	1	0.076	0.50	ND		ug/L	410243	NA
1,3,5-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.074	0.50	ND		ug/L	410243	NA
4-Chlorotoluene	SW8260B	NA	06/25/12	1	0.088	0.50	ND		ug/L	410243	NA
ert-Butylbenzene	SW8260B	NA	06/25/12	4	0.081	0.50	ND		ug/L	410243	NA
1,2,3-Trichloropropane	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
1,2,4-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.083	0.50	ND		ug/L	410243	
sec-Butyl Benzene	SW8260B	NA	06/25/12	1	0.092	0.50	ND		ug/L	410243	NA
o-Isopropyltoluene	SW8260B	NA	06/25/12	1	0.093	0.50	ND			200	NA
1,3-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.10	0.50	ND		ug/L	410243 410243	NA
1,4-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.069	0.50	ND		ug/L		NA
n-Butylbenzene	SW8260B	NA	06/25/12	1	0.081	0.50	ND		ug/L	410243	NA
1,2-Dichlorobenzene	SW8260B	NA.	06/25/12	1	0.057	0.50	ND		ug/L ug/L	410243 410243	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	06/25/12	1	0.15	0.50	ND				NA
dexachlorobutadiene	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA.
,2,4-Trichlorobenzene	SW8260B	NA	06/25/12	1	0.12	0.50	ND		ug/L	410243	NA.
Vaphthalene	SW8260B	NA	06/25/12	1	0.14	1.0	ND		ug/L	410243	- NA
,2,3-Trichlorobenzene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
S) Dibromofluoromethane	SW8260B	NA	06/25/12	1	61.2	131			ug/L	410243	NA
S) Toluene-d8	SW8260B	NA	06/25/12	1	75.1	127	94.1 101		%	410243	NA
S) 4-Bromofluorobenzene	SW8260B	NA	06/25/12	1	64.1	120	101		%	410243 410243	NA NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

Project Name/Location:

STMW-2

5630 San Pablo Ave., Oakland

Lab Sample ID: Sample Matrix:

1206121-002A

Water

Project Number:

12-04-770-GI 06/19/12 / 10:01

Date/Time Sampled: Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/25/12	1	31	50	· ND		un/l	410243	NA.
(S) 4-Bromofluorobenzene	8260TPH	NA	06/25/12	1	41.5	125	109		ug/L %	410243	NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-2

Project Name/Location:

5630 San Pablo Ave., Oakland

Lab Sample ID: Sample Matrix:

1206121-002B

Water

Project Number: Date/Time Sampled:

12-04-770-GI

06/19/12 / 10:01

Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/25/12	06/26/12	1	0.0376	0.004	- 115				
Pentacosane (S)	SW8015B(M)		24,04,74	4		0.094	ND		mg/L	410254	5788
	CW80 13B(W)	6/25/12	06/26/12	1	64.2	123	88.4		%	410254	5788



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-3

311/1//-3

Lab Sample ID:

Sample Matrix:

1206121-003A

Water

Project Name/Location: Project Number:

5630 San Pablo Ave., Oakland

12-04-770-GI 06/19/12 / 11:42

Date/Time Sampled: Tag Number:

5630 San Pablo Ave., Oakland

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA NA	06/25/12	1	0.18	0.50	NID		100	PART NAME	
Chloromethane	SW8260B	NA	06/25/12	1	0.16	0.50	ND		ug/L	410243	NA
Vinyl Chloride	SW8260B	NA	06/25/12	1	0.16		ND		ug/L	410243	NA
Bromomethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA
Trichlorofluoromethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA
1,1-Dichloroethene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Freon 113	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
Methylene Chloride	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
rans-1,2-Dichloroethene	SW8260B	NA	06/25/12	1		5.0	ND		ug/L	410243	NA
ATBE	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
ert-Butanol	SW8260B	NA	06/25/12	1	0.17	0.50	1.5		ug/L	410243	NA
Disopropyl ether (DIPE)	SW8260B	NA	06/25/12		1.5	5.0	ND		ug/L	410243	NA
,1-Dichloroethane	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
TBE	SW8260B	NA		1	0.13	0.50	ND		ug/L	410243	NA
is-1,2-Dichloroethene	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA.
2-Dichloropropane	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
romochloromethane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
hloroform	SW8260B		06/25/12	1	0.20	0.50	ND		ug/L	410243	NA
arbon Tetrachloride	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
1,1-Trichloroethane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	· NA
1-Dichloropropene	SW8260B	NA	06/25/12	1	0.097	0.50	ND		ug/L	410243	NA
enzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
AME	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
2-Dichloroethane	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
ichloroethylene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
bromomethane	SW8260B	NA.	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
2-Dichloropropane	SW8260B	NA	06/25/12	7	0.15	0.50	ND		ug/L	410243	NA
omodichloromethane	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
-1,3-Dichloropropene	F97.00 303-6	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
luene	SW8260B	NA	06/25/12	1	0.096	0.50	ND		ug/L	410243	NA
trachloroethylene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
ns-1,3-Dichloropropene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
,2-Trichloroethane	SW8260B	NA	06/25/12	1	0.23	0.50	ND		ug/L	410243	NA
promochloromethane	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
-Dichloropropane	SW8260B	NA		1	0.096	0.50	ND		ug/L	410243	NA
-Dibromoethane	SW8260B	NA	06/25/12	1	0.10	0.50	ND		ug/L	410243	
- Distribution and	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L ug/L	410243	NA NA

483 Sinclair Frontage Rd., Milpitas, CA 95035 | rel: 408.263.5268 | few: 408.263.8293 | www.torrentlab.com



Sample Matrix:

Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12 Date Reported: 06/28/12

Client Sample ID:

STMW-3

5630 San Pablo Ave., Oakland

Lab Sample ID: 1206121-003A

Water

Project Name/Location: Project Number:

12-04-770-GI

Date/Time Sampled:

06/19/12 / 11:42

Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA.
Ethyl Benzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	
1,1,1,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.096	0.50	ND		-	Contraction of	NA
m,p-Xylene	SW8260B	NA	06/25/12	1	0.13	1.0	ND		ug/L	410243	NA
o-Xylene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	, NA
Styrene	SW8260B	NA	06/25/12	1	0.21	0.50	ND		ug/L	410243	NA
Bromoform	SW8260B	NA	06/25/12	1	0.21	1.0	ND		ug/L	410243	NA
Isopropyl Benzene	SW8260B	NA.	06/25/12	1	0.097	0.50	ND		ug/L	410243	NA
Bromobenzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.11	0.50	ND		ug/L	410243	NA
n-Propylbenzene	SW8260B	NA	06/25/12	1	0.078	0.50	ND		ug/L	410243	NA
2-Chlorotoluene	SW8260B	NA	06/25/12	1	0.076	0.50			ug/L	410243	NA
1,3,5-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.074	0.50	ND		ug/L	410243	NA
4-Chlorotoluene	SW8260B	NA	06/25/12	1	0.074	0.50	ND		ug/L	410243	NA
tert-Butylbenzene	SW8260B	NA	06/25/12	4	0.081		ND		ug/L	410243	NA
1,2,3-Trichloropropane	SW8260B	NA	06/25/12	1	0.061	0.50	ND		ug/L	410243	NA
1,2,4-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.083	2.20.50	ND		ug/L	410243	NA
sec-Butyl Benzene	SW8260B	NA.	06/25/12	1		0.50	ND		ug/L	410243	NA
o-Isopropyltoluene	SW8260B	NA	06/25/12	1	0.092	0.50	ND		ug/L	410243	NA
1,3-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.093	0.50	ND		ug/L	410243	NA
,4-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.10	0.50	ND		ug/L	410243	NA
n-Butylbenzene	SW8260B	NA	06/25/12	4	0.069	0.50	ND		ug/L	410243	NA
,2-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.081	0.50	ND		ug/L	410243	NA
,2-Dibromo-3-Chloropropane	SW8260B	NA	06/25/12	4	0.057	0.50	ND		ug/L	410243	NA
fexachlorobutadiene	SW8260B	NA	06/25/12		0.15	0.50	ND		ug/L	410243	NA
,2,4-Trichlorobenzene	SW8260B	NA		1	0.19	0.50	ND		ug/L	410243	NA
laphthalene	SW8260B		06/25/12	7	0.12	0.50	ND		ug/L	410243	NA
,2,3-Trichlorobenzene	SW8260B	NA NA	06/25/12	1	0.14	1.0	ND		ug/L	410243	NA
S) Dibromofluoromethane	SW8260B		06/25/12	1	0.23	0.50	ND		ug/L	410243	NA
S) Toluene-d8	SW8260B	NA	06/25/12	1	61.2	131	101		%	410243	*NA
S) 4-Bromofluorobenzene	200000000000000000000000000000000000000	NA	06/25/12	1	75.1	127	99,9		%	410243	NA
-/	SW8260B	NA	06/25/12	1	64.1	120	98.1		%	410243	NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-3

Lab Sample ID:

1206121-003A

Project Name/Location: Project Number:

5630 San Pablo Ave., Oakland 12-04-770-GI

Sample Matrix: Water

Date/Time Sampled:

06/19/12 / 11:42

Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	06/25/12	1	31	FO	NB			100	
(S) 4-Bromofluorobenzene	8260TPH				7.4	50	ND		ug/L	410243	NA
	020011711	NA	06/25/12	1	41.5	125	114		%	410243	NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-3

Project Name/Location:

5630 San Pablo Ave., Oakland

Lab Sample ID: Sample Matrix: 1206121-003B

Water

Project Number:

12-04-770-GI

Date/Time Sampled: Tag Number:

06/19/12 / 11:42

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/25/12	06/26/12	1	0.0376	0.094	ND		mg/L	410254	5788
Pentacosane (S)	SW8015B(M)	6/25/12	06/26/12	1	64.2	123	87.8		%	410254	5788



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-4

Lab Sample ID: Sample Matrix:

1206121-004A

Project Name/Location: Project Number:

5630 San Pablo Ave., Oakland

Water

Date/Time Sampled:

12-04-770-GI 06/19/12 / 12:34

Tag Number:

5630 San Pablo Ave., Oakland

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND				
Chloromethane	SW8260B	NA	06/25/12	1	0.16	0.50	ND		ug/L	410243	NA
Vinyl Chloride	SW8260B	NA	06/25/12	1	0.16	0.50			ug/L	410243	NA
Bromomethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA
Trichlorofluoromethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND ND		ug/L	410243	NA
1,1-Dichloroethene	SW8260B	NA	06/25/12	4	0.15	0.50	ND		ug/L	410243	NA
Freon 113	SW8260B	NA	06/25/12	1	0.19	0.50			ug/L	410243	NA
Methylene Chloride	SW8260B	NA	06/25/12	1	0.23	5.0	ND		ug/L	410243	NA
trans-1,2-Dichloroethene	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
MTBE	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
tert-Butanol	SW8260B	NA	06/25/12	1	1.5		0.75		ug/L	410243	NA
Diisopropyl ether (DIPE)	SW8260B	NA	06/25/12	1	0.13	5.0	ND		ug/L	410243	NA
1,1-Dichloroethane	SW8260B	NA	06/25/12	1	0.13	0.50	1.2		ug/L	410243	NA
ETBE	SW8260B	NA	06/25/12	1		0.50	ND		ug/L	410243	NA
cis-1,2-Dichloroethene	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
2,2-Dichloropropane	SW8260B	NA	06/25/12	1	0.19	0.50	ND	**	ug/L	410243	NA.
Bromochloromethane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Chloroform	SW8260B	NA	06/25/12	1	0.20	0.50	ND		ug/L	410243	NA
Carbon Tetrachloride	SW8260B	NA	06/25/12		0.13	0.50	ND		ug/L	410243	NA
.1.1-Trichloroethane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
,1-Dichloropropene	SW8260B	NA	06/25/12	1	0.097	0.50	ND		ug/L	410243	NA
Benzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	· NA
AME	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
,2-Dichloroethane	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
richloroethylene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
ibromomethane	SW8260B	NA.	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
,2-Dichloropropane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
romodichloromethane	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA.
s-1,3-Dichloropropene	SW8260B	NA		1	0.13	0.50	ND		ug/L	410243	NA
oluene	SW8260B	NA		1	0.096	0.50	ND		ug/L	410243	NA
etrachloroethylene	SW8260B	NA.		1	0.14	0.50	ND		ug/L	410243	NA
ans-1,3-Dichloropropene	SW8260B	NA		1	0.14	0.50	ND		ug/L	410243	NA
1,2-Trichloroethane	SW8260B		The State of the S	1	0.23	0.50	ND		ug/L	410243	NA
bromochloromethane	SW8260B	NA		1.	0.14	0.50	ND	- 0	ug/L	410243	NA
3-Dichloropropane	SW8260B	NA		1	0.096	0.50	ND	1	ug/L	410243	NA
2-Dibromoethane	SW8260B	NA		1	0.10	0.50	ND		ıg/L	410243	NA
	GW0200B	NA	06/25/12	7	0.19	0.50	ND		ug/L	410243	NA

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Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-4 Project Name/Location:

5630 San Pablo Ave., Oakland

Lab Sample ID: Sample Matrix:

1206121-004A

Water

Project Number:

12-04-770-GI

Date/Time Sampled:

06/19/12 / 12:34

Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA.
Ethyl Benzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.096	0.50	ND		ug/L	410243	NA
m,p-Xylene	SW8260B	NA	06/25/12	1	0.13	1.0	ND		ug/L	410243	NA
o-Xylene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	
Styrene	SW8260B	NA	06/25/12	1	0.21	0.50	ND		ug/L	410243	NA NA
Bromoform	SW8260B	NA	06/25/12	1	0.21	1.0	ND		ug/L	410243	400.00
Isopropyl Benzene	SW8260B	NA	06/25/12	1	0.097	0.50	8.5				NA
Bromobenzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.11	0.50	ND		ug/L	410243	NA
n-Propylbenzene	SW8260B	NA	06/25/12	1	0.078	0.50	2.8		ug/L	410243	NA
2-Chlorotoluene	SW8260B	NA	06/25/12	1	0.076	0.50	ND		ug/L	410243	NA.
1,3,5-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.074	0.50	ND		ug/L	410243	NA
4-Chlorotoluene	SW8260B	NA	06/25/12	4	0.074	0.50	ND		ug/L	410243	NA
ert-Butylbenzene	SW8260B	NA	06/25/12	4	0.081	0.50			ug/L	410243	NA
1,2,3-Trichloropropane	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
1,2,4-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.083	0.50	ND ND		ug/L	410243	NA
sec-Butyl Benzene	SW8260B	NA	06/25/12	1	0.092	0.50			ug/L	410243	NA
o-Isopropyltoluene	SW8260B	NA	06/25/12	1	0.092	0.50	ND		ug/L	410243	NA
1,3-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.10	0.50	ND		ug/L	410243	NA
,4-Dichlorobenzene	SW8260B	NA	06/25/12	4	0.069		ND		ug/L	410243	NA
n-Butylbenzene	SW8260B	NA.	06/25/12	1	0.081	0.50	ND		ug/L	410243	NA
,2-Dichlorobenzene	SW8260B	NA	06/25/12	4	0.057	0.50	0.68		ug/L	410243	NA
,2-Dibromo-3-Chloropropane	SW8260B	NA	06/25/12	1	0.057	0.50	ND		ug/L	410243	NA
Hexachlorobutadiene	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
,2,4-Trichlorobenzene	SW8260B	NA	06/25/12	1	00000	0.50	ND		ug/L	410243	NA.
laphthalene	SW8260B	NA.	06/25/12	1	0.12	0.50	ND		ug/L	410243	NA
,2,3-Trichlorobenzene	SW8260B	NA	06/25/12	1	0.14	1.0	ND		ug/L	410243	NA
S) Dibromofluoromethane	SW8260B	NA		1	0.23	0.50	ND		ug/L	410243	NA
S) Toluene-d8	SW8260B		06/25/12	1	61.2	131	96.4		%	410243	NA
S) 4-Bromofluorobenzene	SW8260B SW8260B	NA	06/25/12	1	75.1	127	101		%	410243	NA
-/ · =:s.mondorobenzene	SVVOZOUB	NA	06/25/12	1	64.1	120	97.1		%	410243	NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-4

Lab Sample ID:

1206121-004A

Project Name/Location: Project Number:

5630 San Pablo Ave., Oakland 12-04-770-GI

Sample Matrix:

Water

Date/Time Sampled:

06/19/12 / 12:34

Tag Number:

5630 San Pablo Ave., Oakland

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NIA	20/05/10	- 1						7	
(S) 4-Bromofluorobenzene		NA	06/25/12	1	31	50	290	×	ug/L	410243	NA
NOTE:	8260TPH	NA	06/25/12	1	41.5	125	128	S	%	410243	NIA

x - Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons in range of C5-C12 quantified as gasoline .S - High surrogate recovery due to TPH interference.



Lab Sample ID:

Sample Matrix:

Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-4

5630 San Pablo Ave., Oakland

1206121-004B

Project Name/Location: Project Number:

12-04-770-GI

Water

Date/Time Sampled:

06/19/12 / 12:34

Tag Number:

Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
SW8015B(M)	6/25/12	06/26/12	1	0.0376	0.094	0.27			440054	5700
SW8015B(M)			1	F. 100.00						5788 5788
	Method SW8015B(M)	Method Date SW8015B(M) 6/25/12	Method Date Analyzed SW8015B(M) 6/25/12 06/26/12	Method Date Analyzed SW8015B(M) 6/25/12 06/26/12 1	Method Date Analyzed SW8015B(M) 6/25/12 06/26/12 1 0.0376	Method Date Analyzed SW8015B(M) 6/25/12 06/26/12 1 0.0376 0.094	Method Date Analyzed Total Results SW8015B(M) 6/25/12 06/26/12 1 0.0376 0.094 0.37	Method Date Analyzed Togo Results SW8015B(M) 6/25/12 06/26/12 1 0.0376 0.094 0.37	Method Date Analyzed Text of the property of the pro	Method Date Analyzed Indicates the property of the p



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-5

Lab Sample ID: Sample Matrix: 1206121-005A

Project Name/Location: Project Number:

5630 San Pablo Ave., Oakland

Water

Date/Time Sampled:

12-04-770-GI 06/19/12 / 13:28

Tag Number:

5630 San Pablo Ave., Oakland

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND				100
Chloromethane	SW8260B	NA	06/25/12	1	0.16	0.50	ND		ug/L	410243	NA
Vinyl Chloride	SW8260B	NA	06/25/12	4	0.16	0.50			ug/L	410243	NA
Bromomethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA.
Trichlorofluoromethane	SW8260B	NA	06/25/12	1	0.18	0.50	ND		ug/L	410243	NA
1,1-Dichloroethene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Freon 113	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
Methylene Chloride	SW8260B	NA	06/25/12	1	0.19	1000	ND		ug/L	410243	NA
rans-1,2-Dichloroethene	SW8260B	NA	06/25/12	1	1,132	5.0	ND		ug/L	410243	NA
MTBE	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
ert-Butanol	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
Disopropyl ether (DIPE)	SW8260B	NA			1.5	5.0	ND		ug/L	410243	NA
,1-Dichloroethane	SW8260B	NA	06/25/12	1	0.13	0.50	0.92		ug/L	410243	NA
TBE	SW8260B	NA		1	0.13	0.50	ND		ug/L	410243	NA
is-1,2-Dichloroethene	SW8260B	NA.	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
,2-Dichloropropane	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
romochloromethane	SW8260B	NA		1	0.15	0.50	ND		ug/L	410243	NA
hloroform	SW8260B	NA	06/25/12	1	0.20	0.50	ND		ug/L	410243	NA
arbon Tetrachloride	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
1,1-Trichloroethane	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
1-Dichloropropene	SW8260B		06/25/12	1	0.097	0.50	ND		ug/L	410243	NA
enzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
AME	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
2-Dichloroethane	SW8260B	NA NA	06/25/12	7	0.17	0.50	ND		ug/L	410243	NA
richloroethylene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	· NA
bromomethane	SW8260B		06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
2-Dichloropropane	SW8260B	NA	06/25/12	1	0.15	0.50	ND -		ug/L	410243	NA
omodichloromethane	SW8260B	NA	06/25/12	1	0.17	0.50	ND		ug/L	410243	NA
s-1,3-Dichloropropene	SW8260B	NA	06/25/12	1	0.13	0.50	ND		ug/L	410243	NA
luene		NA	06/25/12	1	0.096	0.50	ND		ug/L	410243	NA
etrachloroethylene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
ans-1,3-Dichloropropene	SW8260B	NA	Ciliabia va	1	0.14	0.50	ND		ug/L	410243	NA
1,2-Trichloroethane	SW8260B	NA	06/25/12	1	0.23	0.50	ND		ug/L	410243	NA
bromochloromethane	SW8260B	NA	Tally have and the	1	0.14	0.50	ND		ug/L	410243	NA.
3-Dichloropropane	SW8260B	NA	10 to	7	0.096	0.50	ND		ug/L	410243	NA
2-Dibromoethane	SW8260B	NA	D0000000000000000000000000000000000000	1	0.10	0.50	ND		ug/L	410243	NA
	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA

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Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID:

STMW-5

Lab Sample ID: Sample Matrix: 1206121-005A

Water

Project Name/Location: Project Number:

5630 San Pablo Ave., Oakland 12-04-770-GI

Date/Time Sampled:

06/19/12 / 13:28

Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA NA
Ethyl Benzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.096	0.50	ND		ug/L	410243	NA
m,p-Xylene	SW8260B	NA	06/25/12	1	0.13	1.0	ND		ug/L	410243	NA
o-Xylene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L	410243	NA
Styrene	SW8260B	NA	06/25/12	1	0.21	0.50	ND		ug/L	410243	NA
Bromoform	SW8260B	NA	06/25/12	1	0.21	1.0	ND		ug/L	410243	NA
Isopropyl Benzene	SW8260B	NA	06/25/12	1	0.097	0.50	0.51			410243	
Bromobenzene	SW8260B	NA	06/25/12	1	0.15	0.50	ND		ug/L ug/L	410243	NA.
1,1,2,2-Tetrachloroethane	SW8260B	NA	06/25/12	1	0.11	0.50	ND		ug/L	410243	NA
n-Propylbenzene	SW8260B	NA	06/25/12	1	0.078	0.50	ND				NA
2-Chlorotoluene	SW8260B	NA	06/25/12	1	0.076	0.50	ND		ug/L	410243	- NA
1,3,5-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.074	0.50	ND		ug/L	410243	NA
4-Chlorotoluene	SW8260B	NA	06/25/12	1	0.088	0.50	ND		ug/L	410243	NA
ert-Butylbenzene	SW8260B	NA	06/25/12	1	0.081	0.50	ND		ug/L	410243	NA
1,2,3-Trichloropropane	SW8260B	NA	06/25/12	1	0.14	0.50	ND		ug/L	410243	NA
1,2,4-Trimethylbenzene	SW8260B	NA	06/25/12	1	0.083	0.50	ND		ug/L	410243	NA
sec-Butyl Benzene	SW8260B	NA	06/25/12	1	0.092	0.50	ND		ug/L	410243	NA
o-Isopropyltoluene	SW8260B	NA	06/25/12	1	0.092	0.50	ND		ug/L	410243	NA
,3-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.10	0.50	ND		ug/L	410243	NA
,4-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.069	0.50	1,7		ug/L	410243	NA
n-Butylbenzene	SW8260B	NA	06/25/12	1	0.089		ND		ug/L	410243	NA
,2-Dichlorobenzene	SW8260B	NA	06/25/12	1	0.057	0.50	ND		ug/L	410243	NA
,2-Dibromo-3-Chloropropane	SW8260B	NA	06/25/12	9	0.15	0.50	ND		ug/L	410243	NA
lexachlorobutadiene	SW8260B	NA	06/25/12	1	0.19	0.50	ND		ug/L	410243	NA
,2,4-Trichlorobenzene	SW8260B	NA	06/25/12	1		0.50	ND		ug/L	410243	NA
laphthalene	SW8260B	NA	06/25/12	35	0.12	0.50	ND		ug/L	410243	NA
,2,3-Trichlorobenzene	SW8260B	NA	06/25/12	1	0.14	1.0	ND		ug/L	410243	NA
S) Dibromofluoromethane	SW8260B			1	0.23	0.50	ND		ug/L	410243	NA
S) Toluene-d8	SW8260B	NA	06/25/12	1	61.2	131	98.8		%	410243	NA
S) 4-Bromofluorobenzene	SW8260B	NA NA	06/25/12 06/25/12	1	75.1 64.1	127 120	98.8 94.6		%	410243 410243	NA NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

Date Reported: 06/28/12

Client Sample ID: Project Name/Location:

STMW-5

5630 San Pablo Ave., Oakland

Lab Sample ID:

1206121-005A

Water

Project Number:

12-04-770-GI

Sample Matrix:

Date/Time Sampled:

06/19/12 / 13:28

Tag Number:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA NA	06/25/12		- 61		le Lanc	1		Batch	Daten
S) 4-Bromofluorobenzene	8260TPH	NA	06/25/12	1	31 41.5	50 125	ND 117		ug/L %	410243 410243	NA NA



Report prepared for:

Frank Hamedi

Enviro Soil Tech Consultants

Date Received: 06/21/12

1206121-005B

Water

Date Reported: 06/28/12

Client Sample ID:

Date/Time Sampled:

Project Name/Location:

Project Number:

STMW-5

5630 San Pablo Ave., Oakland

12-04-770-GI 06/19/12 / 13:28

Tag Number:

5630 San Pablo Ave., Oakland

Lab Sample ID:

Sample Matrix:

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/25/12	06/26/12	1	0.0376	0.094	ND		mall	440054	F700
Pentacosane (S)	SW8015B(M)	6/25/12	06/26/12	1	64.2	123	107		mg/L	410254	5788
		3,23,12	JOILOI 12		04.2	120	107		%	410254	5788



MB Summary Report

Work Order: 1206121 Prep Method: NA Prep Date: NA Prep Batch: NA Matrix: Water Analytical Method: SW8260B Analyzed Date: 06/25/12 Analytical Batch: 410243 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			1
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	2.7			
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	0.18			
TAME	0.17	0.50	ND.			
,2-Dichloroethane	0.14	0.50	ND			
richloroethylene	0.13	0.50	0.34			
Dibromomethane	0.15	0.50	ND			. 4.
,2-Dichloropropane	0.17	0.50	ND			
romodichloromethane	0.13	0.50	ND			
is-1,3-Dichloropropene	0.096	0.50	ND			
oluene	0.14	0.50	0.17			
etrachloroethylene	0.14	0.50	ND			
ans-1,3-Dichloropropene	0.23	0.50	ND			
1,2-Trichloroethane	0.14	0.50	ND			
ibromochloromethane	0.096	0.50	ND			
3-Dichloropropane	0.10	0.50	ND			
2-Dibromoethane	0.19	0.50	ND			
hlorobenzene.	0.14	0.50				
thyl Benzene	0.15	0.50	ND			
1,1,2-Tetrachloroethane	0.096	0.50	ND			
.p-Xylene	0.13	1.0	ND 0.16			



MB Summary Report

1206121	Pre	Method:	NA.	Pr	ep Date:	NA	Prep Batch:	NA
Water ug/L			SW8260B	Ar	alyzed Date:	06/25/12	Analytical Batch:	410243
	MDL	PQL	Method Blank Conc.	Lab Qualifier				
	0.15	0,50	ND					
	0.21	0.50	ND					
	0.21	1.0	ND					
Į.	0.097	0.50	ND					
	0.15	0.50	ND					
ethane	0.11	0.50	ND					
	0.078	0.50	ND					
	0.076	0.50	ND					
izene	0.074	0.50	ND					
	0.088	0.50	ND					
	0.081	0.50	ND					
	0.14	0.50	ND					
	0.083	0.50	ND					
		0.50	ND					
		0.50	ND					
			ND					
е		0.50	ND					
			0.12					
		0.50	ND					
ropropane		0.50	ND					
		0.50	ND					
ane			ND					
		1.0	ND					
	0.23	0.50	ND					
ethane			110					
			89.5					
nzene	4.550		96.2					
	0.21	0.50	ND	TIC				
1206121	Prep I	Method:	3510_TPH	Prep	Date;	06/25/12	Prep Batch	5788
Water	Analy	tical	SW8015B(M)	Anal	vzed Dato			
mg/L			V**/	ruidi	,-ou pale.	00/20/12	Batch:	410247
	MDL	PQL	Method Blank Conc.	Lab Qualifier				
	0.0440	0.10	ND					
	0.0920	0.40	ND					
	Water ug/L pethane ane ane zene ane ee ee ee ee ee ene eene e	Water ug/L MDL 0.15 0.21 0.21 0.097 0.15 0.076 0.078 0.076 0.088 0.081 0.081 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.092 0.093 0.094 0.081 0.092 0.093 0.094 0.081 0.092 0.093 0.094 0.081 0.092 0.093 0.094 0.081 0.092 0.093 0.094 0.081 0.092 0.093 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.081 0.094 0.084 0.094 0.084 0.094 0.095 0.094 0.095 0.094 0.095 0.094 0.095 0.094 0.095 0.094 0.095 0.094 0.095 0.094 0.095 0.094 0.095 0.094 0.095 0.094 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095	Water ug/L MDL O.15 O.50 O.21 O.21 O.097 O.50 O.15 O.76 O.76 O.76 O.76 O.76 O.76 O.76 O.76	Water ug/L Analytical Method: SW8260B MDL PQL Method Blank Conc. 0.15 0.50 ND 0.21 0.50 ND 0.21 1.0 ND 0.097 0.50 ND 0.15 0.50 ND 0.15 0.50 ND 0.078 0.50 ND 0.076 0.50 ND 0.076 0.50 ND 0.076 0.50 ND 0.076 0.50 ND 0.077 0.50 ND 0.081 0.50 ND 0.081 0.50 ND 0.082 0.50 ND 0.092 0.50 ND 0.093 0.50 ND 0.093 0.50 ND 0.093 0.50 ND 0.094 0.50 ND 0.095 0.50 ND 0.090 0.50 ND <td>Water ug/L Analytical Method: SW8260B Analytical Blank Conc. MDL PQL Method Blank Conc. Lab Qualifier 0.15 0.50 ND 0.21 0.50 ND 0.21 0.00 ND 0.00 0.00 ND 0.00 0.00 ND ND 0.00 ND 0.00 ND ND<td>Water ug/L Analytical Method: SWB260B Analyzed Date: MDL PQL Method Blank Conc. Qualifier 0.15 0.50 ND ND 0.21 0.50 ND ND 0.21 1.0 ND ND 0.097 0.50 ND ND 0.15 0.50 ND ND 0.078 0.50 ND ND 0.078 0.50 ND ND 0.078 0.50 ND ND 0.074 0.50 ND ND 0.081 0.50 ND ND 0.081 0.50 ND ND 0.092 0.50 ND ND 0.093 0.50 ND ND 0.094 0.50 ND ND 0.095 0.50 ND ND 0.096 0.50 ND ND 0.097 0.50 ND ND</td><td> Water ug/L</td><td> Water Analytical SW8260B Analyzed Date: 08/25/12 Analytical Batch: </td></td>	Water ug/L Analytical Method: SW8260B Analytical Blank Conc. MDL PQL Method Blank Conc. Lab Qualifier 0.15 0.50 ND 0.21 0.50 ND 0.21 0.00 ND 0.00 0.00 ND 0.00 0.00 ND ND 0.00 ND 0.00 ND ND <td>Water ug/L Analytical Method: SWB260B Analyzed Date: MDL PQL Method Blank Conc. Qualifier 0.15 0.50 ND ND 0.21 0.50 ND ND 0.21 1.0 ND ND 0.097 0.50 ND ND 0.15 0.50 ND ND 0.078 0.50 ND ND 0.078 0.50 ND ND 0.078 0.50 ND ND 0.074 0.50 ND ND 0.081 0.50 ND ND 0.081 0.50 ND ND 0.092 0.50 ND ND 0.093 0.50 ND ND 0.094 0.50 ND ND 0.095 0.50 ND ND 0.096 0.50 ND ND 0.097 0.50 ND ND</td> <td> Water ug/L</td> <td> Water Analytical SW8260B Analyzed Date: 08/25/12 Analytical Batch: </td>	Water ug/L Analytical Method: SWB260B Analyzed Date: MDL PQL Method Blank Conc. Qualifier 0.15 0.50 ND ND 0.21 0.50 ND ND 0.21 1.0 ND ND 0.097 0.50 ND ND 0.15 0.50 ND ND 0.078 0.50 ND ND 0.078 0.50 ND ND 0.078 0.50 ND ND 0.074 0.50 ND ND 0.081 0.50 ND ND 0.081 0.50 ND ND 0.092 0.50 ND ND 0.093 0.50 ND ND 0.094 0.50 ND ND 0.095 0.50 ND ND 0.096 0.50 ND ND 0.097 0.50 ND ND	Water ug/L	Water Analytical SW8260B Analyzed Date: 08/25/12 Analytical Batch:



(S) 4-Bromofluorobenzene

31

50

ND

119

MB Summary Report

Work Order:	1206121	Prep	Method:	5030	Prep Date:	06/25/12	Prep Batch:	5792	
Matrix: Units:	Water ug/L	Analytical Method:		8260TPH	Analyzed Dal		Analytical Batch:	410243	
Parameters		MDL	PQL	Method Blank Conc.	Lab Qualifier				
TPH(Gasoline)		31	50	ND					



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

52.4 - 127

41.5 - 125

30

Work Order:	4000404		1 2 . T . CO K.	11 -0.5				Raw valu	les are used in	quality cont	rol assessm	
	1206121		Prep Meth	od: NA		Prep Da	ate:	NA	Prep Ba	atch: NA	V	
Matrix:	Water		Analytical	SW	8260B	Analyze	ed Date:	06/25/12	Analytic	cal 41	0243	
Units:	ug/L		Method:						Batch:			
Parameters		MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery		% Recovery Limits	% RPD	Lab Qualifie	
1,1-Dichloroether	е	0.14	0.50	ND	17.04	93.6	98.3	4.55	61.4 - 129	30	75.011.08	
Benzene		0.087	0.50	ND	17.04	100	109	8.03	66.9 - 140	30		
Trichloroethylene		0.057	0.50	ND	17.04	94.2	106	11.7	69.3 - 144	30		
Toluene		0.059	0.50	ND	17.04	92.7	102	9.05	76.6 - 123	30		
Chlorobenzene		0.068	0.50	ND	17.04	91.6	101	9.38	73.9 - 137	30		
(S) Dibromofluoro	methane			ND	11.36	102	99.4	4.00	61,2 - 131	Ju		
(S) Toluene-d8				ND	11.36	96.6	97.2		75.1 - 127		11.9	
(S) 4-Bromofluoro	benzene			ND	11.36	93.3	95.2		64.1 - 120			
Work Order:	1206121		Prep Metho	od: 351)_TPH	Prep Da	te:	06/25/12	Prep Ba	tch: 578	38	
Matrix:	Matrix: Water		Analytical	SW8	3015B(M)	Analyzed Date: 06/25/12			2 Analytical 410247			
Units:	mg/L		Method:			-3-0-1			Batch:		411	
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	101	124	21.0	50.3 - 125	30	1 195-001-00	
Pentacosane (S)				ND	126	108	108		57.9 - 125			
Vork Order:	1206121		Prep Metho	d: 5030		Prep Dat	te:	06/25/12	Prep Bat	tch: 579	2	
Matrix: Jnits:	Water ug/L		Analytical Method:	8260	TPH	Analyzed Date: 06/25/12		06/25/12	Analytical 410243 Batch:			
Parameters		MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier	

TPH(Gasoline)

(S) 4-Bromofluorobenzene

50

ND

119

227.27

11.36

94.2

115

110

120

15.3



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

Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document

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

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
- 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
- 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
- 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: Enviro Soil Tech Consultants

Date and Time Received: 6/21/2012 9:18

Project Name: 5630 San Pablo Ave., Oakland

Received By: ER

Work Order No.: 1206121

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?

Yes

Chain of custody signed when relinquished and received?

Yes

Chain of custody agrees with sample labels?

Yes

Custody seals intact on sample bottles?

Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?

Not Present

Shipping Container/Cooler In Good Condition?

Yes

Samples in proper container/bottle?

Yes

Samples containers intact?

Yes

Sufficient sample volume for indicated test?

Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?

Yes

Container/Temp Blank temperature in compliance?

Temperature:

Water-VOA vials have zero headspace?

Yes

Water-pH acceptable upon receipt?

N/A

pH Checked by:

pH Adjusted by:



Login Summary Report

Client ID:

TL5640

Enviro Soil Tech Consultants

QC Level:

Project Name:

5630 San Pablo Ave., Oakland

TAT Requested:

5+ day:0

Project #:

12-04-770-GI

Date Received:

6/21/2012

Report Due Date:

6/28/2012

Time Received:

9:18

Comments:

Work Order #:

1206121

WO Sample ID	Client Sample ID		Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1206121-001A	STMW-1	06/19/12	10:55	Water	08/05/12	21111010	<u> </u>	16565	
								EDF W_GCMS-GRO W 8260Full	
1206121-001B	STMW-1	06/19/12	10:55	Water	08/05/12			VV_0200Full	
1206121-002A	STMW-2	06/19/12	10:01	Water	08/05/12			W_TPHDO	*
1206121-002B	STMW-2	06/19/12	10:01	Water	08/05/12			W_GCMS-GRO W_8260Full	
1206121-003A	STMW-3	06/19/12	11:42	Water	08/05/12			W_TPHDO	
1206121-003B	STMW-3	06/19/12	11:42	Water	08/05/12			W_GCMS-GRO W_8260Full	
1206121-004A	STMW-4	06/19/12	12:34	Water	08/05/12			W_TPHDO	
1206121-004B	STMW-4	06/19/12	12:34	Water	08/05/12			W_GCMS-GRO W_8260Full	
206121-005A	STMW-5	06/19/12	13:28	Water	08/05/12			W_TPHDO	
206121-005B	STMW-5	06/19/12	13:28	Water	08/05/12			W_GCMS-GRO W_8260Full	
							A	W_TPHDO	



PROJ. NO. NAME							CHAIN OF CUSTO							1206121								
12-04-770-GI 5630 San Pablo Ave., Oakland SAMPLERS: (Signature) NO. BATE THE SOIL WATER LOCATION				5630 San Pablo Ave.,		630 San Pablo Ave.,. Oakland		5630 San Pablo Ave., . Oakland			1630 San Pablo Ave.,. Oakland			CON-	SM)	TEX	100	1				
				TAINER	TEHG (8015M	TPHO (ROISM	EP4 83608*				REMARKS											
1	6/14/12		SOIL	WATER	<	LOCATION .	- 6	F	1	M	1 2	-001A	EN	Catera/	NICTOLATE							
23		1001		V		Tmw-2	6	1/	~	7	-	-002A	1017	F-F1 010	019784055							
3		1142		V	S	TMIN-3	6	./		V		-003A	7									
4		1234		V		mw-4	6	~	1	1		-004 A										
5	V	1328		V		mu-5	6	V	FV	1		-005A	*Fu	le lists								
			-				N I			1												
						- 3 ¹⁶							*All	vialsar	e HCL presente							
						*								1= :) T							
							1	(1)			-			1:								
													16									
noi	ished by:	Signatur	nd l	Date/T											- municularity							
1	1	Signatur	-	621		Received by: (Sign			Date/		X	uinshed by: (S	iignature)	Date/Time	Received by: (Signature)							
nqu	ished by:	(Signatui	re)	Date/T	ime	Received by: (Sign	nature)	Di	ate/Time		Relinqu	uished by: (Sig	(nature)	Date/Time	Received by: (Signature)							
nqu	ished by:	(Signatui	e)	Date/T		Received for Labo (Signature)	ratory by:	Da	ate/Time		Rema		send	lab n	eport-to							



File No. 12-04-770-01 July 16, 2012

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD GENERAL MANAGER LAWRENCE KOO C. E. #34928

C 34928

VICTOR B. CHERVEN, PH.D. PROFESSIONAL GEOLOGIST #3475

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PROJECT Enviro Soil Tech Figure 5630 San Pablo Avenue Oakland, California Consultants Groundwater Elevation 131 Tully Road San Jose, CA 95112 PROJECT # 12-04-770-GI DATE: 7/3/2012 June 19, 2012 Residential Property Storage Building 33.40 Asphalt Lot STMW-2 34.08 32.15 AEI-4 Aileen Street STMW-3 32.93 AEI-3 AEI-1 AEI-2 Former Dispenser Island 33.52 STMW-4 **33.06** Sidewalk Approx. Location of USTs SAN PABLO AVE.

Scale:

10

0

Feet

20

Monitor Well Soil Boring

Contour Interval = 0.25 feet

40

PROJECT Enviro Soil Tech Figure 3 Consultants 5630 San Pablo Avenue Oakland, California Isocontours of TPH-g in Groundwater, 6/19/2012 131 Tully Road San Jose, CA 95112 PROJECT # 12-04-770-GI DATE: 7/3/2012 Residential Property Storage Building Asphalt Lot STMW-2 ND STMW-1 Aileen Street ABI-4 Public Library STMW-3 ND AEI-3 300 AEI-1 AEI-2 Former Dispenser Island STMW-4 290 STMW-5 Sidewalk Approx. Location of USTs SAN PABLO AVE. Legend Monitor Well Scale: Feet Soil Boring Contour Interval are Variable in ug/L 20 40

