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KIA SUMNER
1069 OAK HILL ROAD
LAFAYETTE, CA 94549-0131

May 16, 2014

Ms. Karel Detterman
Alameda County LOP
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

SUBJECT: 2ND QUARTER 2014 GROUNDWATER MONITORING AND SAMPLING REPORT
3635 13th Avenue, Oakland, CA

Dear Ms. Detterman:

Enclosed, please find a copy of the April 28, 2013 subject 2nd Quarter 2014 Groundwater Monitoring and Sampling Report prepared by my consultant, Enviro Soil Tech Consultants.

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

Sincerely,

KIA SUMNER, ASSIGNEE

File No. 3-13-855-SC

SECOND QUARTER 2014 GROUNDWATER MONITORING AND SAMPLING LOCATED AT 3635 13TH AVENUE OAKLAND, CALIFORNIA APRIL 28, 2014

PREPARED FOR:
MR. KIA SUMNER, ASSIGNEE
1069 OAK HILL ROAD
LAFAYETTE, CALIFORNIA 94549-0131

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

ENVIRO SOIL TECH CONSULTANTS

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ENVIRO SOIL TECH CONSULTANTS

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

April 28, 2014

File No. 3-13-855-SC

Mr. Kia Sumner, Assignee
1069 Oak Hill Road
Lafayette, California 94549

SUBJECT: SECOND QUARTER 2014 GROUNDWATER MONITORING & SAMPLING AT THE PROPERTY
Located at 3635 13th Avenue, in
Oakland, California

Dear Mr. Sumner,

Enviro Soil Tech is pleased to transmit our monitoring report for the second quarter of 2014 for the property located at 3635 13th Avenue, in Oakland, California. The wells were sampled on April 17, 2014.

If you have any questions or require additional information, please feel free to contact our office at 408-297-1500 or via email at info@envirosoiltech.com.

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

VICTOR B. CHEVREN, Ph.D.
R.G. #3475

PROFESSIONAL GEOLOGIST
VICTOR B. CHERVEN
No. 3475
STATE OF CALIFORNIA

FRANK HAMEDI
GENERAL MANAGER

SITE LOCATION AND DESCRIPTION

The site is located at the intersection of 13th Avenue and Excelsior Street in east central of Oakland, near the MacArthur Freeway (Figure 1). The topography in the area is hilly, and land use is primarily residential. The site was the location of a gasoline service station owned by Mr. John Williamson, but the structures have been removed and the property is currently vacant. It is a rectangular lot of approximately 4000 square feet and is bordered on the south by an apartment building, and on the west by residences. An Oakland fire station is located on the other side of 13th Avenue.

BACKGROUND

TANK REMOVAL

When it was in operation, the gasoline station employed three underground storage tanks. Two of the tanks stored gasoline, and were 500 and 1,000 gallons in capacity. The third tank was a 250-gallon tank that stored waste oil. The gasoline tanks were located toward the north end of the site, and the waste oil tank was inside an office and mechanics shop building near the south end (Figure 2).

The tanks were removed in 1992 and were not replaced. Soil around the margins of each excavation showed evidence of petroleum stains, and holes were observed in the waste oil tank. The other tanks appeared to be in tact. Five soil samples were collected from beneath the tanks for analysis.

No hydrocarbons were detected in the samples from the north end of the gasoline tanks, but fairly low concentrations (1 part per million and 27 parts per million) of Total Petroleum Hydrocarbons (TPHg) were detected from the south ends of both tanks. Benzene, Toluene, Ethylbenzene, and Xylene were also detected, at concentrations that ranged from 5 to 34 parts per billion.

The sample from beneath the waste oil tank was analyzed for Total Oil and Grease, and a concentration of 8,200 parts per million was reported by the laboratory. The TPHg concentration was also elevated (290 ppm), as was the total lead concentration (225 ppm). A total BTEX concentration of 4,490 ppb was also detected.

Water entered both gasoline tank excavations and was sampled. TPHg and BTEX were detected at elevated concentrations in both samples.

SOIL REMOVAL

In late 1993, All Environmental, Inc. (AEI) removed the remaining site structures including the building, and the waste oil tank excavation was enlarged to remove the remaining contaminated soil. The excavation was deepened to 18 feet, and approximately 360 cubic yards of soil were excavated and disposed of. Uncontaminated native soil was bluish-gray, but exhibited a petroleum odor and greenish color due to gasoline staining. At the conclusion of the excavation work, eight soil samples were collected from the walls and floor of the excavation, and the results indicated that the contaminated soil had been removed.

SITE ASSESSMENT

Alameda County Health Care Service Agency (ACHCSA) requested assessment of the potential for groundwater contamination at the site, and work commenced in March 1994. AEI installed monitor wells MW-1 to MW-3 (Figure 2), but did not sample the wells until November. TPHg was detected in soil samples from MW-1 and MW-2 between 10 and 15 feet below surface grade, at concentrations that ranged from about 6 to 15 parts per million. All BTEX compounds were also detected, at concentrations up to 140 ppb (Benzene) and 240 ppb (Xylene). TPHg was detected in the water samples at 210 and 11,000 ppb, respectively. No hydrocarbons were detected in the soil samples from MW-3, but TPHg was present in the water sample at 200 ppb.

During drilling, groundwater entered the wells slowly or not at all, so they were drilled to depths ranging from 25 to 36 feet. The top of the screened interval ranged from 12 to 16 feet. By the time they were sampled in November, the water level had risen to between 11 and 12.5 feet below grade, meaning that the water level was above the screened interval at that time. Using the 3-point method, AEI determined that the hydraulic gradient was to the southeast and was “fairly steep”.

AEI extended the assessment in late 1997/early 1998, drilling nine soil borings on site, and again in 2003, drilling six more borings off site (Figure 2). The results showed high concentrations of gasoline, diesel, and BTEX in groundwater in all fourteen borings, but AEI did not include a groundwater isoconcentration map in their 2004 report of these investigations.

GROUNDWATER MONITORING

AEI began groundwater monitoring on a quarterly basis in 1994, but changed to a semi-annual basis in 1995. Historical depth and concentration data are given in Table 1. The depth to groundwater has fluctuated between 6 and 15 feet over time. Even though the static water level has been above the screens on numerous occasions, this does not appear to account for the variation in hydrocarbon concentrations in the wells, because considerable variation has taken place even while the screens were submerged. Initially, the groundwater flow direction was inferred to be to the southeast, but by 2008 AEI concluded that the flow varies from southeast to south. A gradient of 0.05 ft/ft seems to be typical for the site.

RECEPTOR SURVEY AND REMEDIAL ACTION PLAN

AEI also conducted a sensitive receptor survey and a preferential pathway study in conjunction with the preparation of an assessment of remedial options for the site. That report was completed in 2007, and led to further assessment later that year.

FURTHER ASSESSMENT

ACHCSA required additional assessment of the soil and groundwater plume in 2006, and eight additional borings and three additional monitor wells were drilled in 2007. SB-16 through SB-23 were drilled to depths of 25 to 36 feet and sampled continuously. MW-4 was drilled adjacent to SB-18, MW-5 was drilled adjacent to SB-22, and MW-6 was drilled adjacent to SB-21 (Figure 2). Fifty-five soil samples and eleven water samples (plus three from the previously drilled wells) were analyzed and the results were presented in 2008. AEI included groundwater isoconcentration maps for TPHg, TPHd, and Benzene in that report. In addition to these significant concentrations of the gasoline oxygenates, Methyl Tertiary Butyl Ether (MTBE) and Di-isopropyl Ether (DIPE), along with the solvent 1,2-Dichloroethane (DCA) were reported.

In contrast to AEI's original interpretation that the waste oil tank was likely the principal environmental concern, these maps indicated that the plume originated beneath the gasoline tanks and spread to the southeast beneath 13th Avenue due to the prevailing groundwater flow in that direction. In view of the results, AEI proposed several additional activities for the site, and these were conditionally approved by ACHCSA later in 2008. As of the end of 2012, only one of these activities had been performed—installation of monitor well MW-7 in the southeastern portion of the site. Due to lack of activity since then, ACHCSA issued a Notice of Violation in December 2012. AEI responded with a letter in January 2013 that indicated when these activities would be performed. However, the dates were not met.

NEW RESPONSIBLE PARTY AND CONSULTANT

The property was transferred to Kia Sumner in March of 2013, and Enviro Soil Tech Consultants (ESTC) was retained as the new consulting firm to continue the project. The files were transferred to ESTC's office in San Jose late in the year, and groundwater was monitored in December 2013. The resulting report was transmitted in February 2014.

SCOPE OF WORK

- Measure depth to static water level in monitoring wells and check for presence of free product or gasoline odor.
- Purge and sample each well.
- Submit water samples to a State-Certified laboratory for analyses of Total Petroleum Hydrocarbons as gasoline (TPHg) per EPA Method 8015 MOD; Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX); and gasoline oxygenates Methyl Tertiary Butyl Ether (MTBE) and other petroleum hydrocarbons constituents per EPA Method 8260B.

- Review the results and prepare a monitoring report.

PROCEDURES

ESTC personnel visited the site on April 17, 2014 to conduct the monitoring. After the wells were opened and allowed to equilibrate with atmospheric pressure, a water level meter was used to measure the depth to groundwater in each well and the results were recorded on the monitoring data sheet (Appendix "E"). Then a clear bailer was lowered into each well and approximately 3 to 4 gallons were purged. The purged water was stored in a 1000-gallon tank on site.

After the wells were purged, the water level was checked to make sure that the well had recovered to 90% of the pre-purging measurement and then the disposal bailer was used to collect samples from each well. The samples were poured into 40-ml glass vials, placed in a cooled ice chest, and transported to Curtis & Tompkins, Ltd. laboratory for analyses.

RESULTS

DEPTH TO GROUNDWATER AND GROUNDWATER GRADIENT

The depth to groundwater on April 17 ranged from 10.1 to 17.4 feet below surface grade (Table 2). This is a large range, but is partly due to the uneven elevation of the wells. When converted to elevation, the elevation of the water table ranged from about 189 feet to 182 feet, which is still a large range.

The elevation data are contoured in Figure 2. The groundwater flow direction appears to have been more to the east than in previous calendar quarters, in contrast to last December, when it was more to the southwest. This suggests that the flow direction varies considerably over short time frames, and that semi-annual monitoring is not likely to be sufficiently frequent to track the changes. This is a common situation where the topography is either hilly or nearby wells or rivers exert a significant influence on seasonal groundwater elevations.

ANALYTICAL RESULTS

The analytical results are shown in Table 2, and isoconcentration maps for TPHg and Benzene are shown in Figures 3 and 4. As in the recent past, no gasoline hydrocarbons were detected in MW-3, which is the only well that is upgradient of the contaminant source, and none were detected in MW-1 this quarter. The TPHg concentration in MW-2 rose from 3600 to 4800 µg/L (Table 1), and similar increases were detected in MW-4 and MW-5. The concentration declined in MW-6 and MW-7.

MTBE is present in MW-2 as well as in MW-4 through MW-7. The concentration is essentially the same as in December. The benzene concentration rose in MW-2, MW-4, and MW-5, but declined in MW-6 and MW-7.

The TPHg, Benzene, and MTBE concentrations are contoured in Figures 3-5. Due to the decline in some concentrations in both MW-6 and MW-7 and the increases in the wells between those points, the dissolved-phase plume seems to have contracted from both the north and south and increased in the center of the site since December. The reason for these changes is uncertain.

CONCLUSIONS

Both the groundwater flow direction and the extent of the contaminant plume have altered since the site was monitored four months ago. Prior experience has shown that such changes tend to be more rapid at sites where the topography is variable or groundwater is affected by domestic or agricultural use. It is not surprising that this appears to be the case at this site, and we recommend quarterly monitoring rather than semi-annual monitoring until a clearer trend in concentrations and flow directions has been established. The lack of monitoring data since 2008 adds to the importance of this recommendation.

ESTC has completed its review of the file of previous work and is ready to move forward with additional work as soon as ACHCSA has completed its review of this report and is able to provide direction to the Responsible Party. As a first step, we recommend surveying monitor well MW-7 into the existing network so that groundwater depth data can be utilized in future groundwater elevation maps. At the same time, the ground surface elevations at each monitor well should be surveyed so that we can construct a structure contour map on the sand body that appears to be acting as a preferential pathway for groundwater migration.

As we concluded in our report for the 4th quarter of 2013, the downgradient extent of groundwater contamination has not been fully determined, and we therefore believe a work plan should be prepared to collect grab samples farther south along 13th Avenue. At least one, and probably two, additional monitor wells should be installed after the contamination limit has been delineated. This should be done before implementing or revising the remedial work plan that was submitted by All Environmental in 2008, since it is quite likely that conditions have changed in the past 6 years.

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 properties.

This report is issued with the understanding that it is the responsibility of the owner or his/her representative to ensure that the information and recommendations contained herein are called to the attention of the Local Environmental Agency.

File No. 3-13-855-SC
April 28, 2014

A P P E N D I X "A"

TABLES

ENVIRO SOIL TECH CONSULTANTS

File No. 3-13-855-SC
April 28, 2014

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	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs
11/22/94 *	MW-1 (194.75)	25	12-25	10.92◊	183.83	Slightly turbid No odor	210	ND <50	ND <0.5	ND <0.5	ND <0.5	2.3	NA	NA	NA	NA	Not Analyzed
2/22/95*				10.58◊	184.17	No sheen or odor	140	ND <50	ND <0.5	ND <0.5	0.6	1.5	NA	NA	NA	NA	Not Analyzed
5/24/95*				10.94◊	183.81	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed
8/18/95*				14.52♦	180.23	No sheen or odor	2800	ND <50	25	6.2	22	30	NA	NA	NA	NA	Not Analyzed
2/07/96*				4.43◊	190.32	Slightly turbid No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed
8/14/96[A] 9/06/96★				13.60♦	181.15	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <5[B]	NA	NA	NA	Not Analyzed
6/19/97★				13.07♦	181.68	Not Available	630	400	25	9.7	100	14	15[B]	NA	NA	NA	Not Analyzed
1/24/02★				9.53◊	185.22	Beige sheen No odor	60	ND <50	3.3	2.8	2.0	6.0	ND <5[B]	NA	NA	NA	Not Analyzed
7/15/03★				12.85♦	181.90	Brown sheen No odor	87	ND <50	15	4.9	3.3	9.2	ND <5[B]	NA	NA	NA	Not Analyzed
10/10/03 ★				14.58♦	180.17	Brown/Slight hydrocarbon odor	81	110	ND <0.5	0.62	0.57	0.5	ND <5[B]	NA	NA	NA	Not Analyzed
4/06/04★				10.92◊	183.83	Brown/No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<5[B] ND<0.5[C]	NA	ND <5	NA	None Detected
7/09/04★				14.34♦	180.41	Brown/No odor	130	80	ND <0.5	ND <0.5	2.8	0.78	ND <35[B]	NA	NA	NA	Not Analyzed
10/08/04 ★				15.30♦	179.45	Brown/No odor	260	120	3.0	2.9	8.3	10	24[B]	NA	NA	NA	Not Analyzed
4/05/07★				12.19♦	182.56	Brown to light Petroleum odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<5[B] ND<0.5[C]	NA	ND <5	NA	None Detected
7/02/07★				13.28♦	181.47	Brown to light Petroleum odor	150	79	ND <0.5	1.0	ND <0.5	ND <0.5	ND<25[B] 23[C]	NA	ND <5	NA	None Detected
10/03/07 ★				17.05♦	177.70	Milky brown No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	5.8[B] 7.4[C]	NA	ND <5	NA	None Detected
1/09/08★	(197.28) Resurvey			6.74◊	190.54	Light brown No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<5[B] ND<0.5[C]	NA	ND <2	NA	None Detected

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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	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs
4/04/08★	MW-1 (197.28)	25	12-25	13.16♦	184.12	Light brown No odor	130	NA	ND <0.5	1.2	22	0.93	ND<10[B] 9.1[C]	NA	ND <2	NA	None Detected
12/16/13				19.04♦	178.24	No sheen Petroleum odor	110	NA	ND <0.5	ND <0.5	0.7	ND <0.5	46	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 4.4 Propylbenzene 3.5 sec-Butylbenzene 1.0
4/17/14				10.11◊	187.17	No sheen or odor	ND <50	NA	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/22/94 *	MW-2 (196.44)	36	16-36	12.54◊	183.90	Slight turbid Strong gas odor	11,000	ND <50	35	21	7	50	NA	NA	NA	NA	Not Analyzed
2/23/95*				12.35◊	184.09	Sheen Fuel odor	4,000	ND <50	ND <0.5	ND <0.5	3	6	NA	NA	NA	NA	Not Analyzed
5/24/95*				12.11◊	184.33	Sheen Strong odor	8,600	ND <50	95	37	37	70	NA	NA	NA	NA	Not Analyzed
8/18/95*				16.25♦	180.19	No sheen/Strong hydrocarbon odor	7,200	ND <50	43	21	21	71	NA	NA	NA	NA	Not Analyzed
2/07/96*				9.34◊	187.10	Sheen/Strong hydrocarbon odor	11,000	ND <50	17	9	9	25	NA	NA	NA	NA	Not Analyzed
9/06/96★				15.22◊	181.22	Sheen/Strong hydrocarbon odor	15,000	1,900	4,300	920	460	1,600	ND <200[B]	NA	NA	NA	Not Analyzed
6/19/97★				13.33◊	183.11	Not Available	26,000	2,900	5,300	1,500	910	3,200	ND <200[B]	NA	NA	NA	Not Analyzed
1/24/02★				9.72◊	186.72	Sheen/Strong hydrocarbon odor	34,000	5,300	3,100	1,100	1,100	2,900	ND <200[B]	NA	NA	NA	Not Analyzed
7/15/03★				12.42◊	184.02	Gray/Strong hydrocarbon odor	18,000	6,600	2,300	310	690	1,600	ND <1000[B]	NA	NA	NA	Not Analyzed
10/10/03 ★				13.79◊	182.65	Gray/Strong hydrocarbon odor	19,000	1,800	2,700	460	850	1,800	ND <500[B]	NA	NA	NA	Not Analyzed
4/06/04★				10.55◊	185.89	Gray/Moderate hydrocarbon odor	6,900	1,300	1,100	100	380	780	ND<200[B] 87[C]	NA	110	NA	None Detected
7/09/04★				13.78◊	182.66	Dark gray/Strong hydrocarbon odor	17,000	4,400	2,800	240	710	1,300	ND<450[B] 120[C]	NA	98	NA	Not Analyzed

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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	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs
10/08/04 ★	MW-2 (196.44)	36	16-36	14.78◊	181.66	Dark gray/Strong hydrocarbon odor	6,900	890	1,500	240	340	670	ND<150[B] 84[C]	NA	230	NA	Not Analyzed
4/02/07★				11.32◊	185.12	Gray/Strong petroleum odor	21,000	4,300	2,000	300	1,000	1,700	ND<450[B] 81[C]	NA	100	NA	None Detected
7/02/07★				13.18◊	183.26	Light gray/Strong petroleum odor	5,100	750	260	21	320	370	ND<180[B] 88[C]	NA	150	NA	None Detected
10/03/07 ★				16.71♦	179.73	Dark/Strong petroleum odor	8,600	1,500	1,700	140	520	790	ND<300[B] 77[C]	NA	ND <50	NA	None Detected
1/09/08★	(198.93) Resurvey			8.48◊	190.45	Dark/Strong petroleum odor	38,000	48,000	3,000	380	1,200	1,900	ND<400[B] 63[C]	NA	64	NA	None Detected
4/04/08★				12.60◊	186.33	No sheen/Strong hydrocarbon odor	5,100	NA	1,1000	72	120	330	ND<130[B] 76[C]	NA	100	NA	None Detected
12/16/13				18.72♦	180.21	No sheen Petroleum odor	3600	NA	160	20	120	129	20	ND <1.3	ND <25	ND <1.3	Carbon Disulfide 1.3 Isopropylbenzene 10 Propylbenzene 25 1,3,5-Trimethylbenznee 13 tert-Butylbenzene 1.3 sec-Butylbenzene 5.4 para-Isopropyl Toluene 3.4 n-Butylbenzene 22 Naphthalene 23 1,2,4-Trimethylbenzene 53
4/17/14				10.30◊	188.63	No sheen Gasoline odor	4800	NA	500	16	270	97	26	ND <2.5	ND <50	ND <2.5	Isopropylbenzene 17 Propylbenzene 44 1,3,5-Trimethylbenzene 4.8 1,2,4-Trimethylbenzene 100 sec-Butylbenzene 5.4 para-Isopropyl Toluene 3.7 Naphthalene 32
11/22/94 *	MW-3 (198.93)	36.5	15.5-36	11.53◊	187.40	Slightly turbid No odor	200	ND <50	ND <0.5	ND <0.5	ND <0.5	2	NA	NA	NA	NA	Not Analyzed
2/23/95*				11.89◊	187.04	No sheen or odor	1,500	ND <50	6.6	6.4	4.2	13	NA	NA	NA	NA	Not Analyzed
5/24/95*				12.71◊	186.22	No sheen or odor	710	ND <50	2.5	3.2	3.1	16	NA	NA	NA	NA	Not Analyzed

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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	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs
8/18/95*	MW-3 (198.93)	36.5	15.5-36	16.14♦	182.79	No sheen or odor	310	ND <50	3.1	2.1	2.2	11	NA	NA	NA	NA	Not Analyzed
2/07/96*				6.22◊	192.71	Sheen/No odor	400	ND <50	1.4	2.5	2.2	7	NA	NA	NA	NA	Not Analyzed
9/06/96★				13.51◊	185.42	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <5	NA	NA	NA	Not Analyzed
6/19/97★				12.46◊	186.47	Not Available	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <5	NA	NA	NA	Not Analyzed
1/24/02★				10.08◊	188.85	Not Available	58	ND <50	4	2.7	2.3	6.7	ND <5	NA	NA	NA	Not Analyzed
7/15/03★				12.45◊	186.48	Gray Slight odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <5	NA	NA	NA	Not Analyzed
10/10/03★				14.00◊	184.93	Gray/Slight hydrocarbon odor	350	75	14	16	23	60	ND <5	NA	NA	NA	Not Analyzed
4/06/04★				10.78◊	188.15	Light brown No odor	ND <50	ND <50	ND <0.5	1.7	ND <0.5	1.7	ND<5[B] ND<0.5[C]	NA	ND <5	NA	None Detected
7/09/04★				14.14◊	184.79	Dark gray No odor	260	ND <50	12	13	14	36	ND <5[B]	NA	NA	NA	Not Analyzed
10/08/04★				14.99◊	183.94	Brown No odor	450	76	21	22	30	86	ND <5[B]	NA	NA	NA	Not Analyzed
4/02/07★				11.87◊	187.06	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<5[B] ND<0.5[C]	NA	ND <5	NA	None Detected
7/02/07★				14.45◊	184.48	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<5[B] ND<0.5[C]	NA	ND <5	NA	None Detected
10/03/07★				17.10♦	181.83	Brown No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<5[B] ND<0.5[C]	NA	ND <5	NA	None Detected
1/09/08★	(201.46) Resurvey			9.42◊	192.04	Brown No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<5[B] ND<0.5[C]	NA	ND <2	NA	None Detected
4/04/08★				15.16◊	186	No sheen or odor	ND <50	NA	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<5[B] ND<0.5[C]	NA	ND <2	NA	None Detected
12/16/13				19.20♦	182.26	No sheen or odor	ND <50	NA	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	1.6	ND <10	0.9	cis-1,2-DCA 1.0
4/17/14				12.56◊	188.90	No sheen or odor	ND <50	NA	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	0.8	ND <10	ND <0.5	None Detected<0.5

File No. 3-13-855-SC
April 28, 2014

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	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs
10/03/07 ★	MW-4 (200.23)	22	17-22	17.21♦	183.02	No sheen/Slight petroleum odor	11,000	2,000	1,100	87	ND <17	1,300	ND<1500[B] 230[C]	NA	ND <25	NA	1,2-Dichloroethane 6.4
1/09/08★				9.20◊	191.03	No sheen/Slight petroleum odor	17,000	2,600	1,300	120	580	790	ND<900[B] 220[C]	NA	79	NA	None Detected
4/04/08★				13.63◊	186.60	No sheen Petroleum odor	43,000	NA	1,600	200	500	1,300	ND<1500[B] 190[C]	NA	ND <20	NA	None Detected
12/16/13				20.44♦	179.79	No sheen Petroleum odor	4200	NA	370	26	130	100	43	ND <3.1	ND <63	ND <3.1	Isopropylbenzene 7.2 Propylbenzene 8.0 1,3,5-Trimethylbenzene 14 1,2,4-Trimethylbenzene 8.4 Naphthalene 100
4/17/14				10.97◊	189.26	No sheen Gasoline odor	7300	NA	550	55	540	305	45	ND <2.5	ND <100	ND <2.5	Isopropylbenzene 28 Propylbenzene 41 1,3,5-Trimethylbenzene 45 1,2,4-Trimethylbenzene 49 Naphthalene 310
10/03/07 ★				17.44♦	181.08	No sheen/Strong petroleum odor	8,800	680	2,800	74	100	190	ND<250[B] 150[C]	NA	1,300	NA	1,2-Dichloroethane 66 Di-Isopropyl Ether.9
1/09/08★				10.01◊	188.51	No sheen/Strong hydrocarbon odor	7,400	580	2,000	5.6	93	29	ND<350[B] 140[C]	NA	1,000	NA	1,2-Dichloroethane 54 Di-Isopropyl Ether 5.6
4/04/08★				11.78◊	186.74	No sheen/Hydro-carbon odor	43,000	NA	12,000	2,800	670	2,500	ND<500[B] 97[C]	NA	1,200	NA	1,2-Dichloroethane 84
12/16/13				18.65♦	179.87	No sheen Petroleum odor	1300	NA	240	ND <2.5	5.7	ND <2.5	86	ND <2.5	460	ND <2.5	1,2-Dichloroethane 2.5
4/17/14				16.32◊	182.20	No sheen Gasoline odor	2100	NA	400	ND <2.5	30	ND <2.5	91	ND <2.5	440	ND <2.5	1,2-Dichloroethane 2.8 Isopropylbenzene 4.5 Propylbenzene 6.8
10/03/07 ★	MW-6 (200.20)	22	17-22	18.46♦	181.74	No sheen Petroleum odor	11,000	1,00	1,400	64	74	320	ND<1200[B] 210[C]	NA	ND <50	NA	1,2-Dichloroethane 6.6
1/09/08★				11.93◊	188.27	No sheen/Strong petroleum odor	8,400	1,300	790	17	210	51	ND<400[B] 160[C]	NA	87	NA	None Detected

File No. 3-13-855-SC
April 28, 2014

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	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs
4/04/08★	MW-6 (200.20)	22	17-22	15.69◊	184.51	No sheen/Strong petroleum odor	6,100	NA	630	52	430	130	ND<500[B] 200[C]	NA	ND <10	NA	1,2-Dichloroethane 2.7
12/16/13				19.60♦	180.60	No sheen Petroleum odor	1400[D]	NA	100	1.9	9.0	5.0	170	ND <1.0	110	ND <1.0	Isopropylbenzene 7.13 Propylbenzene 13 1,3,5-Trimethylbenzene 74 sec-Butylbenzene 2.1 para-Isopropyl Toluene 1.1 Naphthalene 14
4/17/14				17.38♦	182.82	No sheen Gasoline odor	740[D]	NA	49	1.1	22	0.9	97	ND <0.5	59	ND <0.5	Isopropylbenzene 8.1 Propylbenzene 11 sec-Butylbenzene 2.0 n-Butylbenzene 1.5
12/16/13	MW-7			19.49	NA	No sheen Strong petroleum odor	21000	NA	7200	ND <50	280	164	ND <50	ND <50	2100	ND <50	None Detected
4/17/14				10.54	NA	No sheen Strong gasoline odor	11000	NA	3900	22	290	157	23	ND <5.0	1400	ND <5.0	Isopropylbenzene 24 Propylbenzene 38 1,3,5-Trimethylbenzene 19 1,2,4-Trimethylbenzene 78

TPHg - Total Petroleum Hydrocarbons as gasoline
BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
TBA - tert-Butanol
PCE - Tetrachloroethylene
GW Elev. - Groundwater Elevation
NA - Not Analyzed

TPHd - Total Petroleum Hydrocarbons as diesel
MTBE - Methyl Tertiary Butyl Ether
TAME - tert-Amyl Methyl Ether
TCE – Trichloroethylene
Perf. – Perforation
N/A - Not Available

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

***** Samples were analyzed by Priority Environmental Labs for TPHg & TPHd by 8015M and BTEX by 8020/8021
★ Samples were analyzed by McCampbell Analytical Inc. for TPHg & TPHd by 8015M and BTEX by 8020/8021
A Date of well was monitored
B MTBE was analyzed by EPA Method 8020/8021
C MTBE and other fuel additives were analyzed by EPA Method 8260
D Sample exhibits chromatographic pattern which does no resemble standard
♦ Well screens are not submerged
◊ Well screens are submerged
ND - Not Detected (Below Laboratory Detection Limit)

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April 28, 2014

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	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs
4/17/14	MW-1 (197.28)	25	12-25	10.11◊	187.17	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <10	ND <0.5	None Detected<0.5
4/17/14	MW-2 198.93)	36	16-36	10.30◊	188.63	No sheen Gasoline odor	4800	500	16	270	97	26	ND <2.5	ND <50	ND <2.5	Isopropylbenzene 17 Propylbenzene 44 1,3,5-Trimethylbenzene 4.8 1,2,4-Trimethylbenzene 100 sec-Butylbezene 5.4 para-Isopropyl Toluene 3.7 Naphthalene 32
4/17/14	MW-3 (201.46)	36.5	15.5-36	12.56◊	188.90	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	0.8	ND <10	ND <0.5	None Detected<0.5
4/17/14	MW-4 (200.23)	22	17-22	10.97◊	189.26	No sheen Gasoline odor	7300	550	55	540	305	45	ND <2.5	ND <100	ND <2.5	Isopropylbenzene 28 Propylbenzene 41 1,3,5-Trimethylbenzene 45 1,2,4-Trimethylbenzene 49 Naphthalene 310
4/17/14	MW-5 (198.52)	22	17-22	16.32◊	182.20	No sheen Gasoline odor	2100	400	ND <2.5	30	ND <2.5	91	ND <2.5	440	ND <2.5	1,2-Dichloroethane 2.8 Isopropylbenzene 4.5 Propylbenzene 6.8
4/17/14	MW-6 (200.20)	22	17-22	17.38♦	182.82	No sheen Gasoline odor	740[D]	49	1.1	22	0.9	97	ND <0.5	59	ND <0.5	Isopropylbenzene 8.1 Propylbenzene 11 sec-Butylbenzene 2.0 n-Butylbenzene 1.5
4/17/14	MW-7			10.54	NA	No sheen Strong gasoline odor	11000	3900	22	290	157	23	ND <5.0	1400	ND <5.0	Isopropylbenzene 24 Propylbenzene 38 1,3,5-Trimethylbenzene 19 1,2,4-Trimethylbenzene 78

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April 28, 2014

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

TPHg - Total Petroleum Hydrocarbons as gasoline
BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
TBA - tert-Butanol
PCE - Tetrachloroethylene
GW Elev. - Groundwater Elevation
♦ Well screens are not submerged
NA - Not Analyzed
TPHd - Total Petroleum Hydrocarbons as diesel
MTBE - Methyl Tertiary Butyl Ether
cis-1,2-DCE - cis-1,2-Dichloroethene
TCE - Trichloroethylene
Perf. - Perforation
◊ Well screens are submerged
ND - Not Detected (Below Laboratory Detection Limit)
D Sample exhibits chromatographic pattern which does not resemble standard

TABLE 3
SUMMARY OF MONITORING WELL 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
MW-1	2	25	12-25	0-12	0.5-10	110-11	11-25
MW-2	2	36	16-36	0-16	0.5-14	14-15	15-36
MW-3	2	36.5	15.5-36	0-15.5	0.5-13.5	13.5-14.5	14-36.5
MW-4	2	22	17-22	0-17	0.5-15	15-16	16-22
MW-5	4	22	17-22	0-17	0.5-15	15-16	16-22
MW-6	2	22	17-22	0-17	0.5-15	15-16	16-22

File No. 3-13-855-SC
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A P P E N D I X "B"

FIGURES

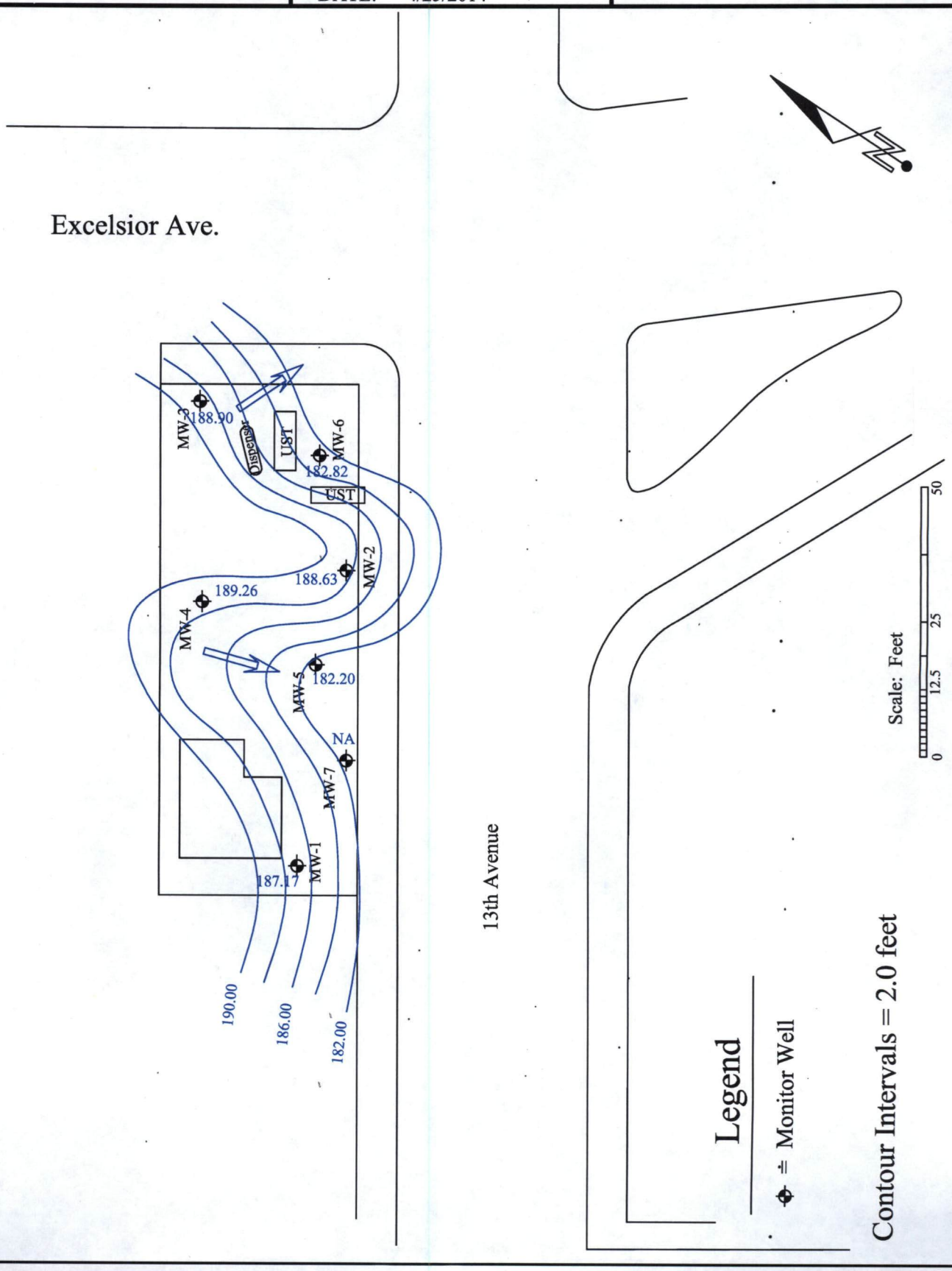
ENVIRO SOIL TECH CONSULTANTS

3635 13TH AVENUE, OAKLAND, CA

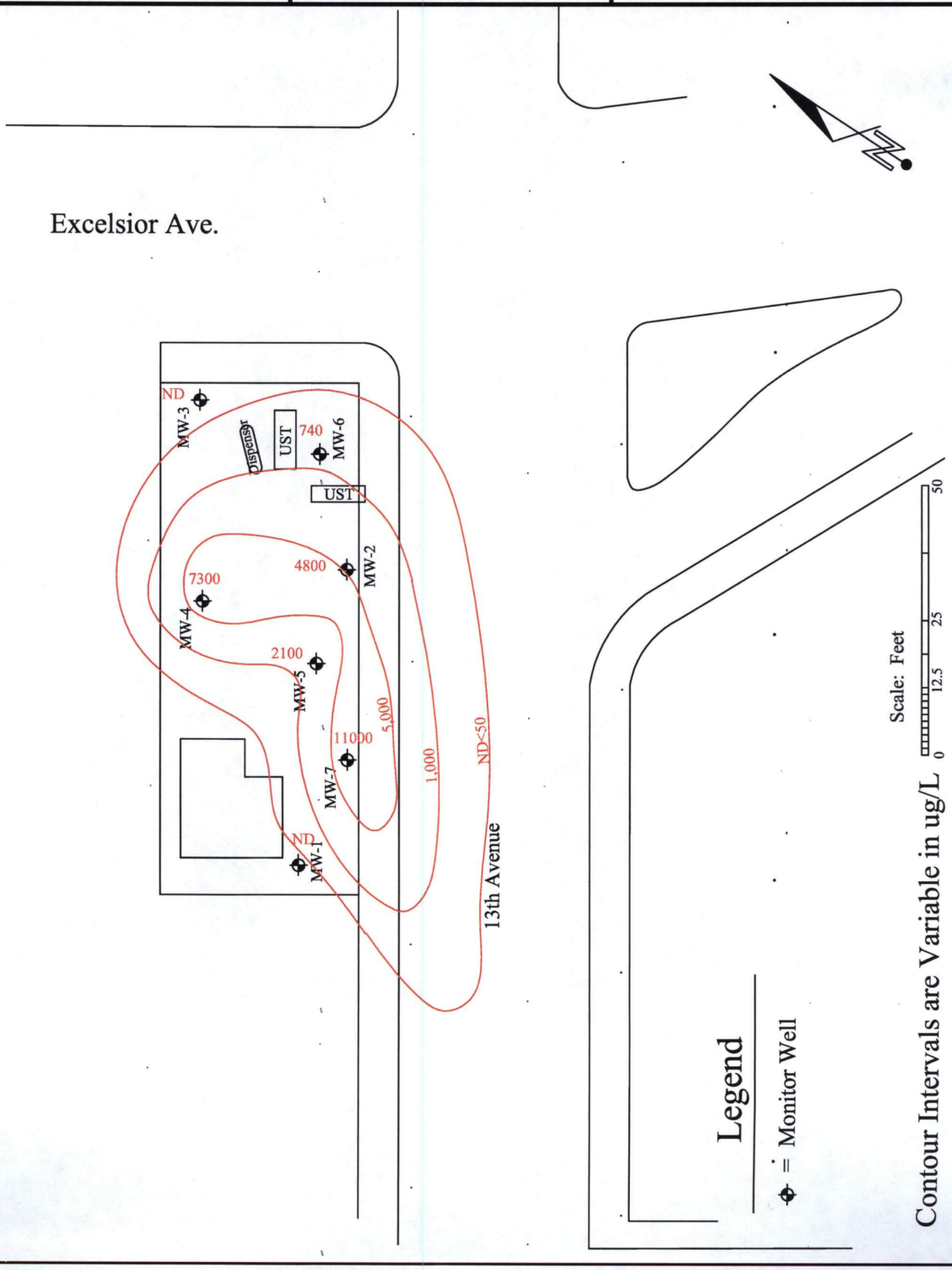
ENVIRO SOIL TECH CONSULTANTS

Figure 1

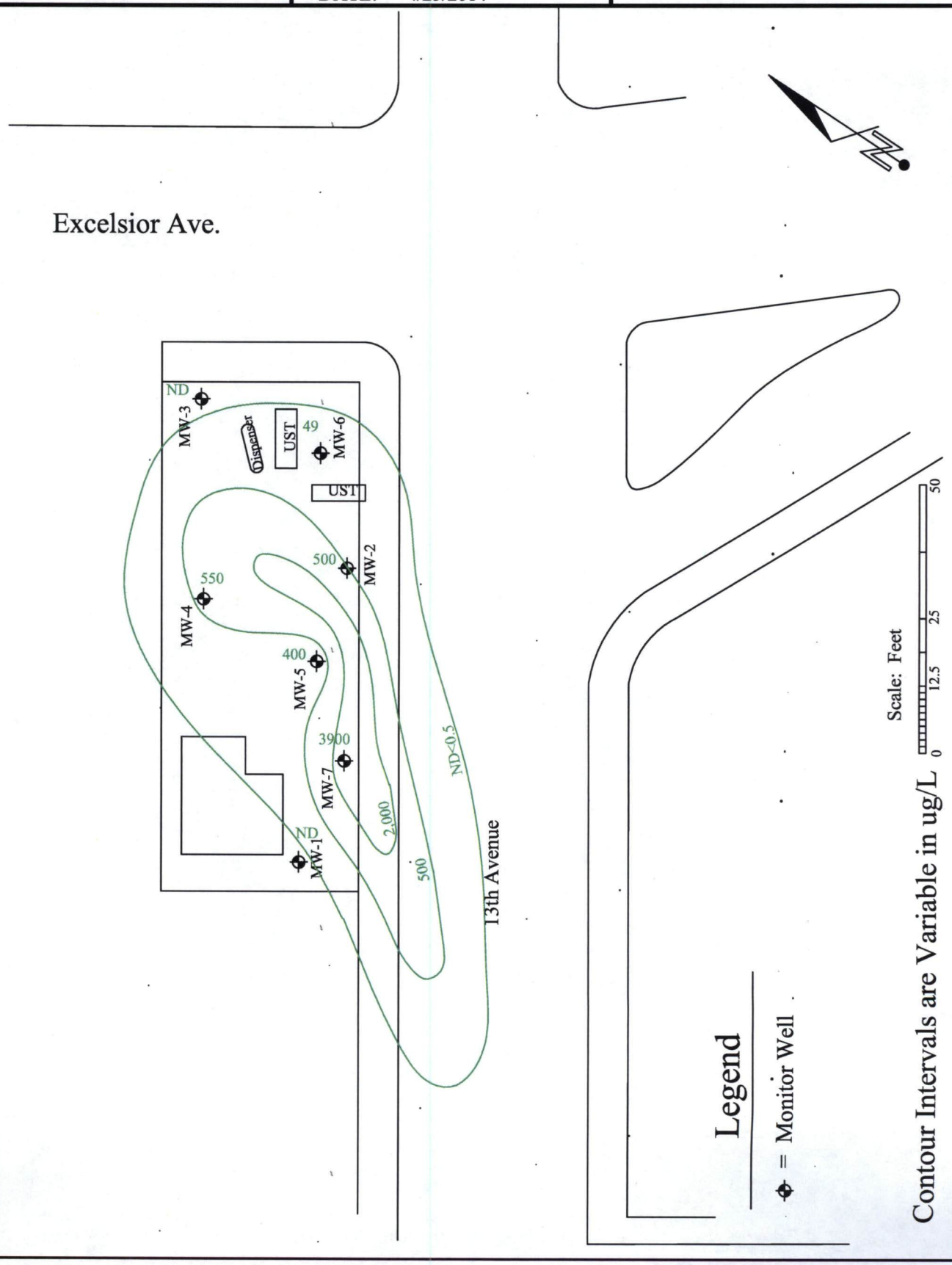
Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 3635 13th Avenue Oakland, California PROJECT # 3-13-855-SC DATE: 4/25/2014	Figure 2 Groundwater Gradient April 17, 2014



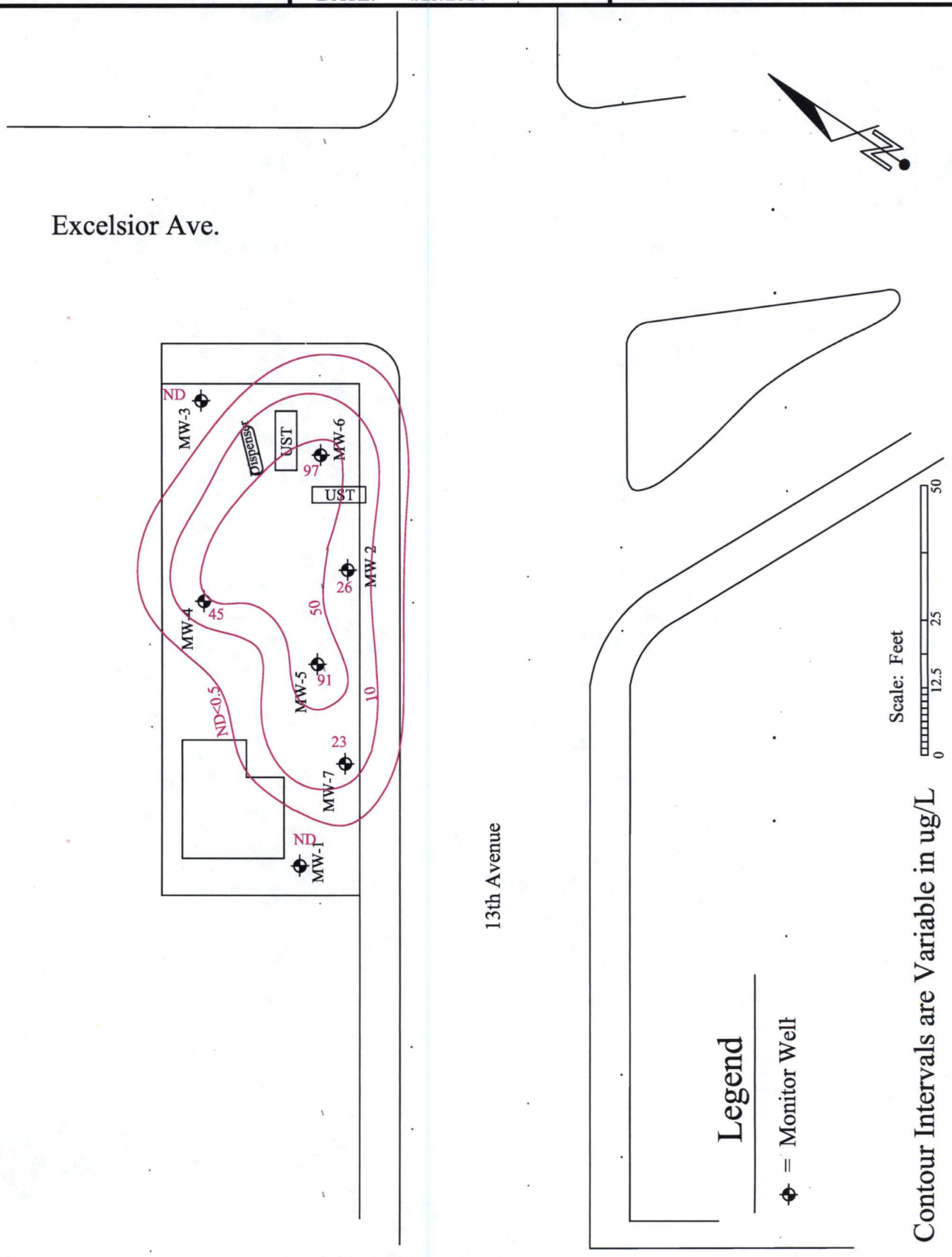
Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 3635 13th Avenue Oakland, California PROJECT # 3-13-855-SC DATE: 4/25/2014	Figure 3 Isocontours of TPH-g in Groundwater 4/17/2014



Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 3635 13th Avenue Oakland, California PROJECT # 3-13-855-SC DATE: 4/25/2014	Figure 4 Isocontours of Benzene in Groundwater 4/17/2014



Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 3635 13th Avenue Oakland, California PROJECT # 3-13-855-SC DATE: 4/25/2014	Figure 5 Isoncontours of MTBE in Groundwater 4/17/2014



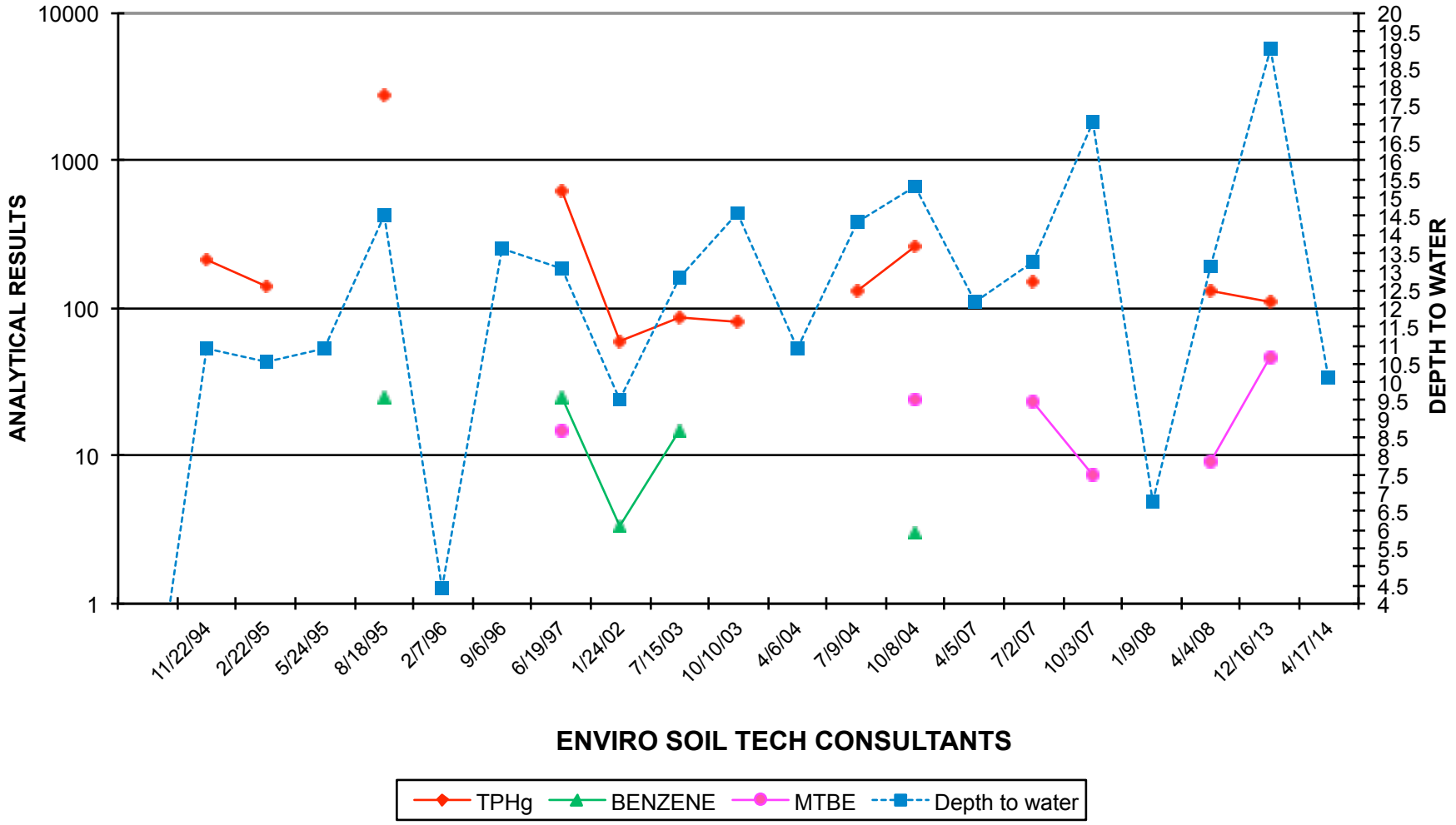
File No. 3-13-855-SC
April 28, 2014

A P P E N D I X "C"

HYDROGRAPHS

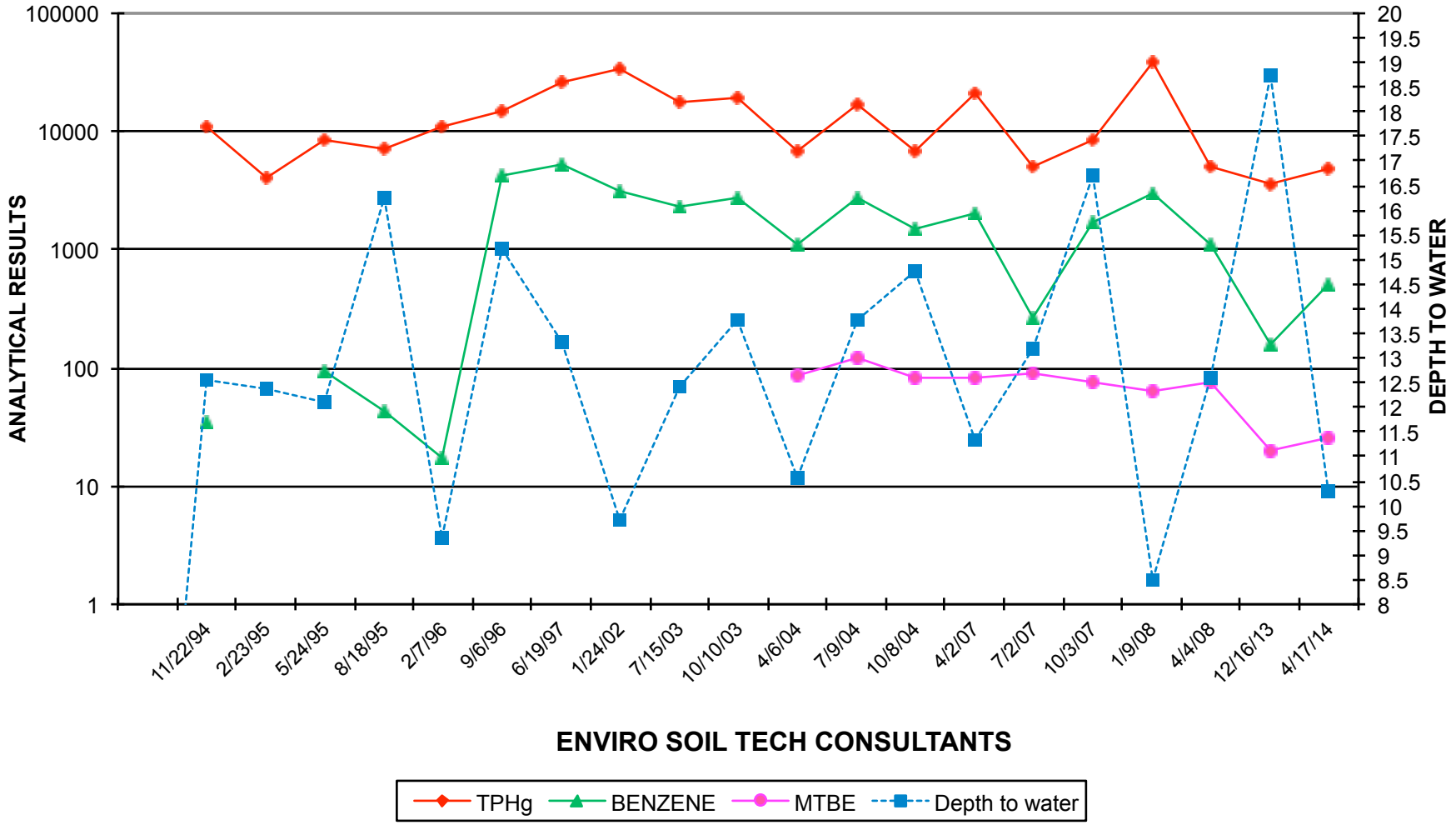
ENVIRO SOIL TECH CONSULTANTS

FILE NO.: 3-13-855-SC
TPHg, BENZENE & MTBE RESULTS FOR MW-1 (µg/L)
DEPTH TO WATER MEASUREMENT (feet)



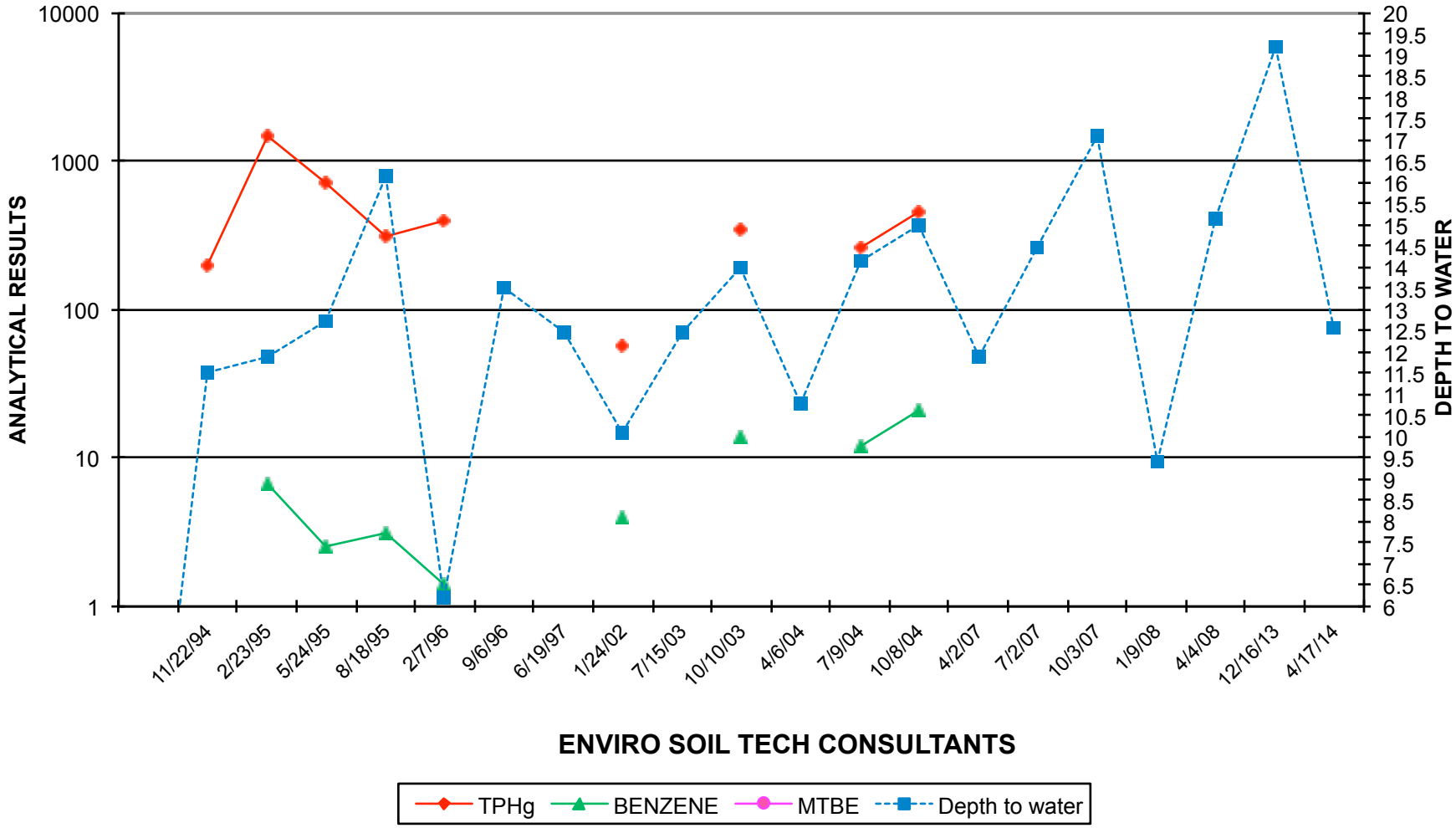
ENVIRO SOIL TECH CONSULTANTS

FILE NO.: 3-13-855-SC
TPHg, BENZENE & MTBE RESULTS FOR MW-2 (µg/L)
DEPTH TO WATER MEASUREMENT (feet)



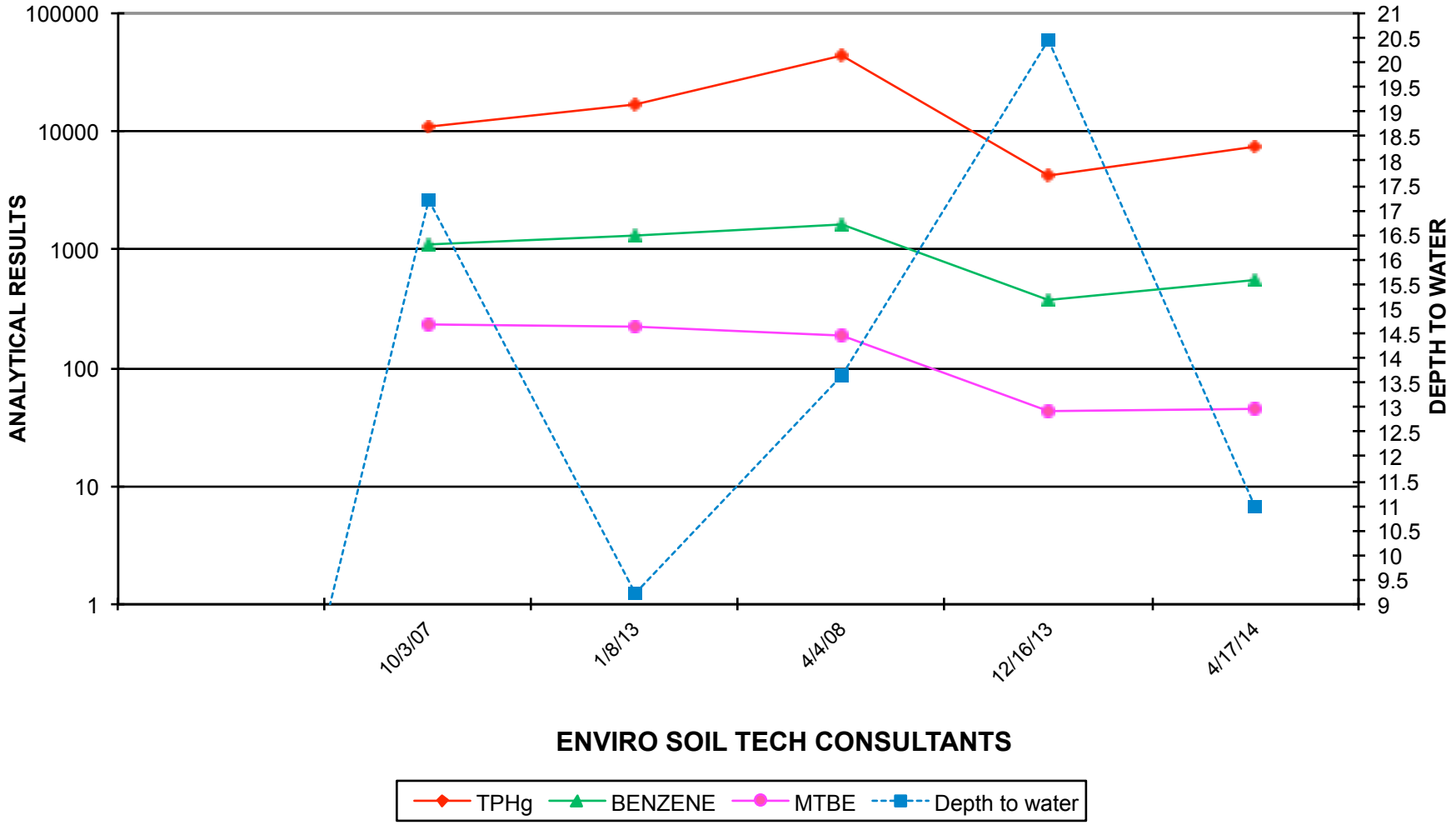
ENVIRO SOIL TECH CONSULTANTS

FILE NO.: 3-13-855-SC
TPHg, BENZENE & MTBE RESULTS FOR MW-3 (µg/L)
DEPTH TO WATER MEASUREMENT (feet)



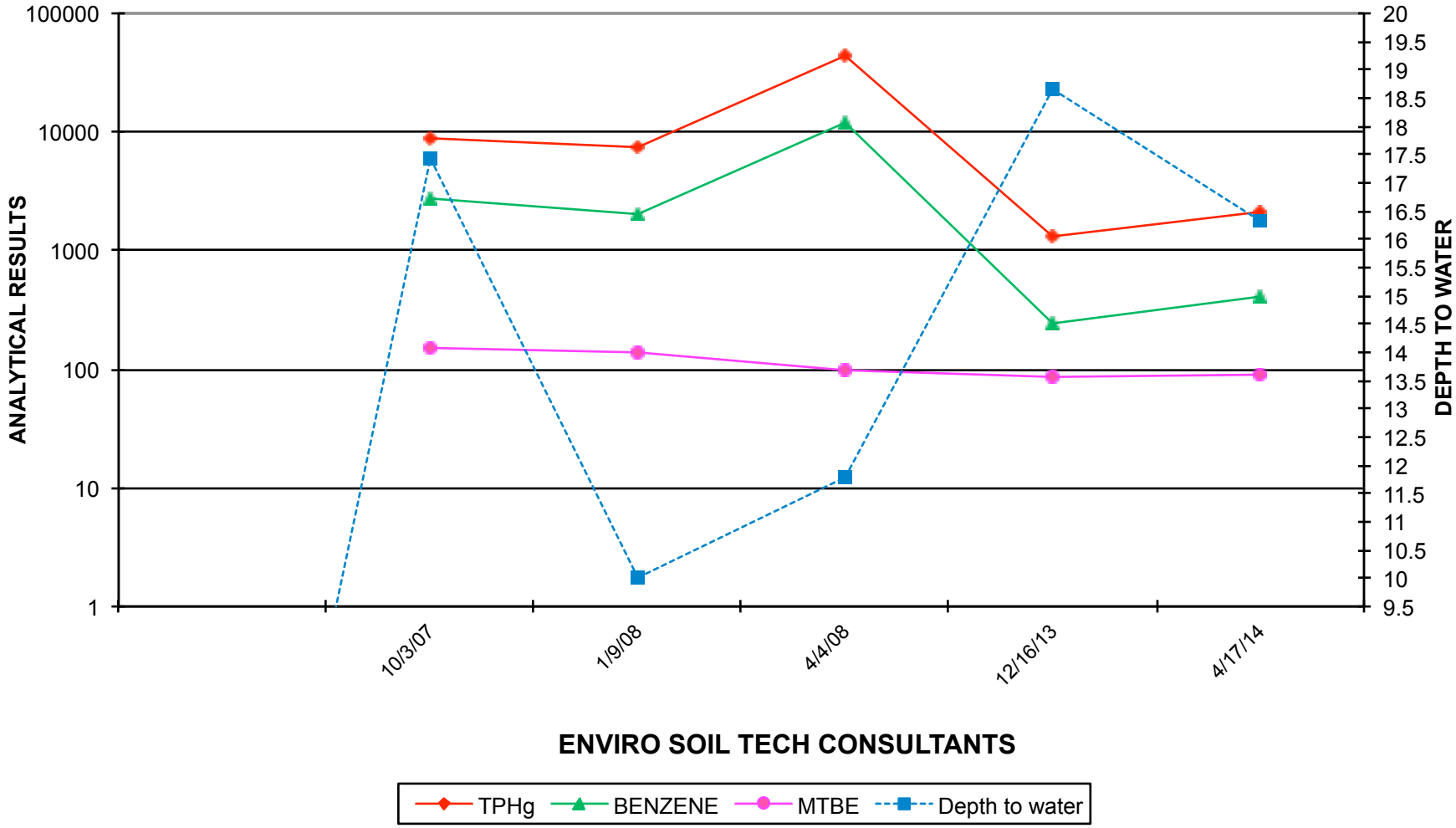
ENVIRO SOIL TECH CONSULTANTS

FILE NO.: 3-13-855-SC
TPHg, BENZENE & MTBE RESULTS FOR MW-4 (µg/L)
DEPTH TO WATER MEASUREMENT (feet)



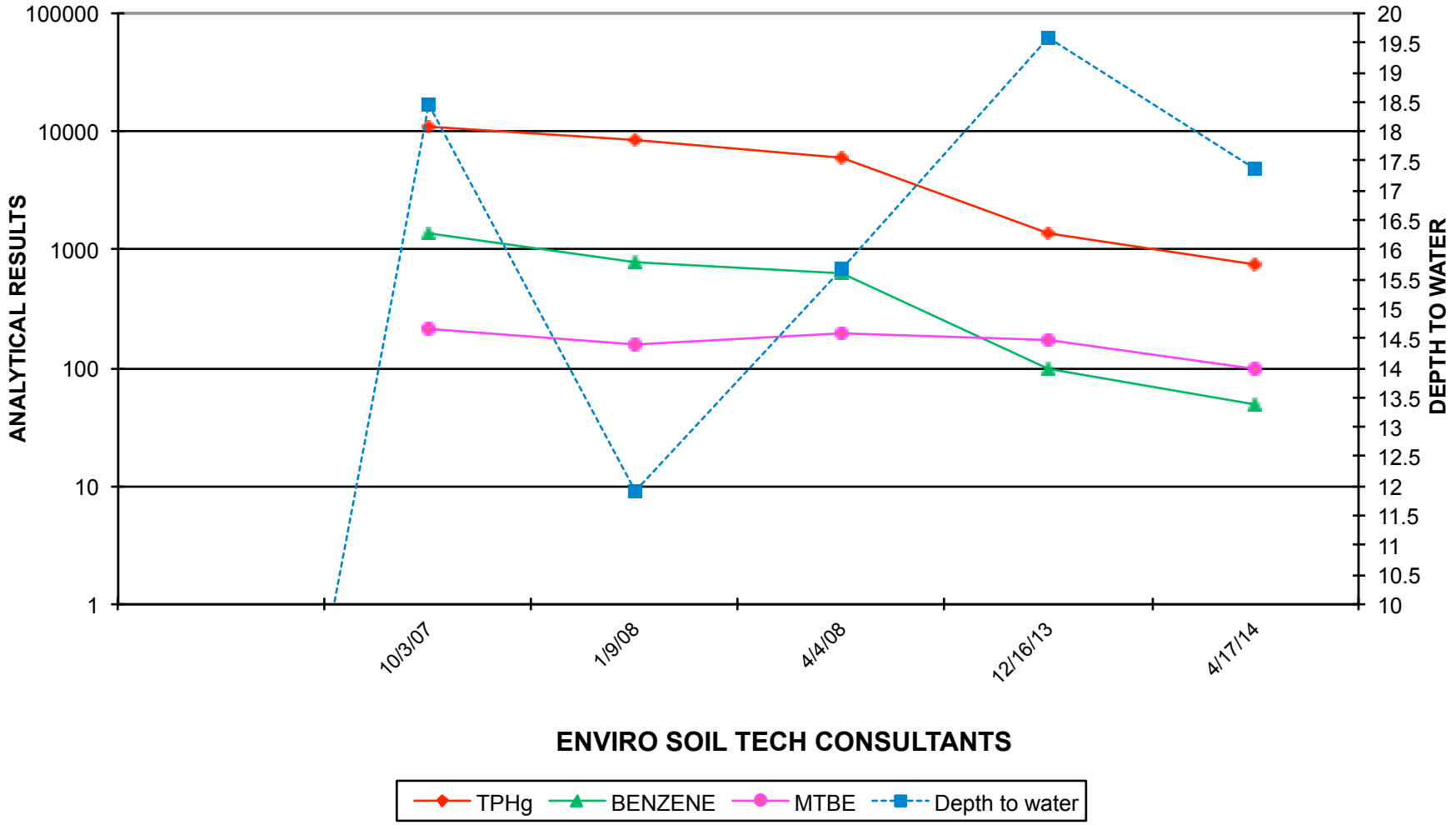
ENVIRO SOIL TECH CONSULTANTS

FILE NO.: 3-13-855-SC
TPHg, BENZENE & MTBE RESULTS FOR MW-5 (µg/L)
DEPTH TO WATER MEASUREMENT (feet)



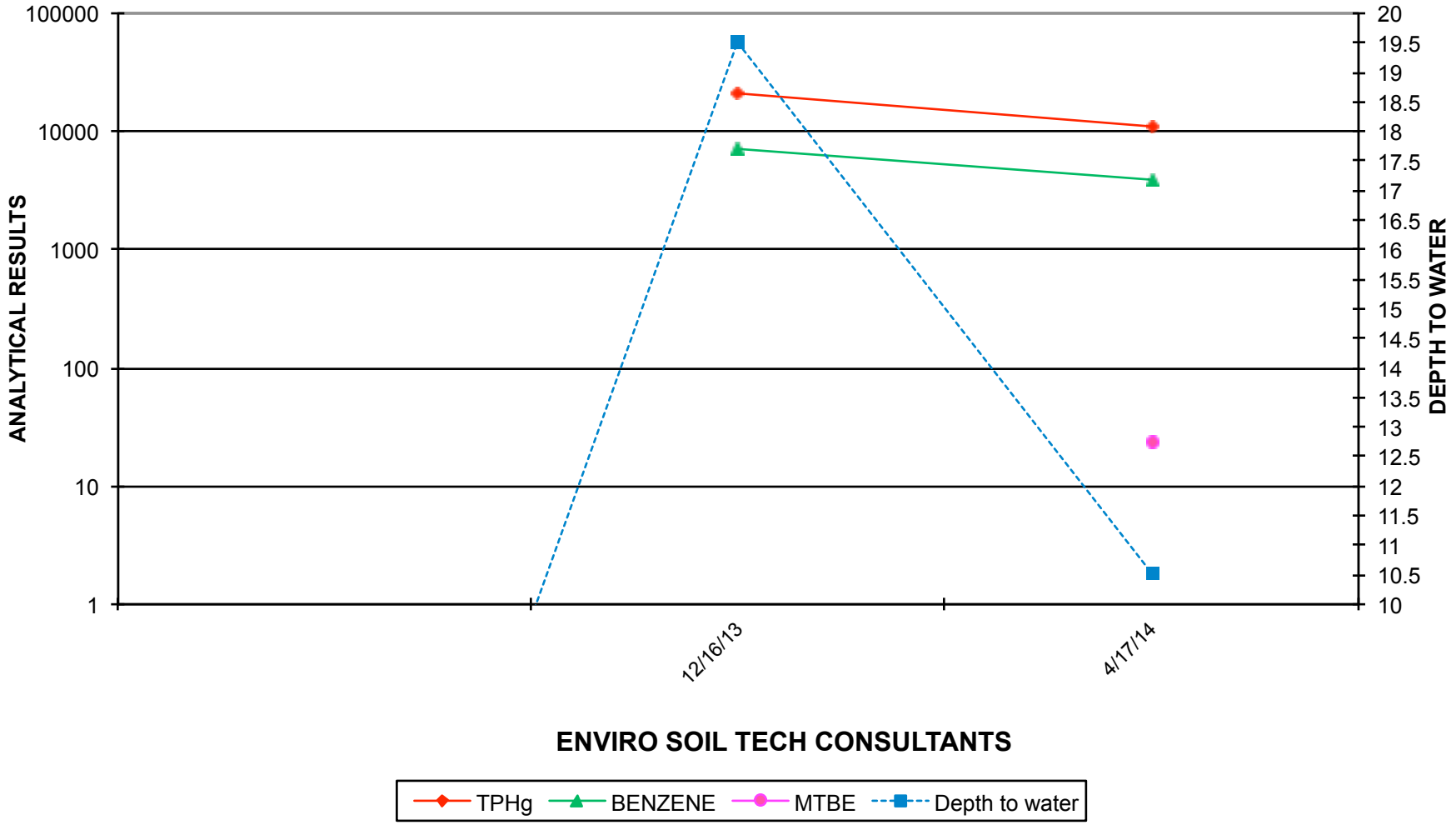
ENVIRO SOIL TECH CONSULTANTS

FILE NO.: 3-13-855-SC
TPHg, BENZENE & MTBE RESULTS FOR MW-6 (µg/L)
DEPTH TO WATER MEASUREMENT (feet)



ENVIRO SOIL TECH CONSULTANTS

FILE NO.: 3-13-855-SC
TPHg, BENZENE & MTBE RESULTS FOR MW-7 (µg/L)
DEPTH TO WATER MEASUREMENT (feet)



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File No. 3-13-855-SC
April 28, 2014

A P P E N D I X "D"

STANDARD OPERATION PROCEDURE

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File No. 3-13-855-SC
April 28, 2014

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 with Teflon septa were used as sample containers. The groundwater sample was decanted into each VOA vial in such a manner that there was a meniscus at the top. The cap was quickly placed over the top of the vial and securely tightened. The 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.

File No. 3-13-855-SC
April 28, 2014

A P P E N D I X "E"

FIELD NOTES

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Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 3-13-855-SC **WELL NO.:** MW-1

DATE: 4-17-14 **SAMPLER:** FRANK

DEPTH TO WELL: 25' **1 WELL VOLUME:** 2.4

DEPTH TO WATER: 10' 1 1/16" **5 WELL VOLUME:** 12

HEIGHT OF WATER COLUMN: _____ **ACTUAL PURGED VOLUME:** 12

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x 14.89 = 2.4 x 5 = 12

4" - 0.653 _____

PURGE METHOD: _____ BAILER _____ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: _____ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	2	6.68	19.75	2151
	4	6.7	19.71	2140
	8	6.72	19.68	2131
	10	6.71	19.70	2135
	12	6.67	19.66	2119

ENVIRO SOIL TECH CONSULTANTS

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131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 3-13-855-SC WELL NO.: MW-2

DATE: 4-17-14 SAMPLER: FRANK

DEPTH TO WELL: 36' 1 VOLUME: 4.2

DEPTH TO WATER: 10' 3" % 5 WELL VOLUME: 21

HEIGHT OF WATER COLUMN: ACTUAL PURGED VOLUME: 20

CASING DIAMETER: ✓ 2" 4"

CALCULATIONS:

2" - x 0.1632 x 25.7 = 4.2 x 5 = 21

4" - 0.653

PURGE METHOD: BAILER ✓ DISPLACEMENT PUMP OTHER

SAMPLE METHOD: ✓ BAILER OTHER

SHEEN: ✓ NO YES, DESCRIBE:

ODOR: NO ✓ YES, DESCRIBE: GAS

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	4	6.70	19.9	1495
	8	6.66	19.92	1503
	12	6.69	19.87	1520
	16	6.6	19.84	1499
	20	6.71	19.81	1510

ENVIRO SOIL TECH CONSULTANTS

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

FILE NO.: 3-13-855-SC WELL NO.: MW-3

DATE: 4-17-14 SAMPLER: FRANK

DEPTH TO WELL: 36.51 1 WELL VOLUME: 3.9

DEPTH TO WATER: 12.50 5 WELL VOLUME: 19.5

HEIGHT OF WATER COLUMN: _____ ACTUAL PURGED VOLUME: 20

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x 23.94 = 3.9 x 5 = 19.5

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	4	7.1	19.71	1390
	8	6.95	19.73	1384
	12	6.91	19.69	1391
	16	6.9	19.62	1382
	20	6.888	16.65	1380

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

FILE NO.: 3-13-855-SC
WELL NO.: MW-4
DATE: 4-17-14
SAMPLER: Frank
DEPTH TO WELL: 22'
1 WELL VOLUME: 1.8
DEPTH TO WATER: 1 ± 9" 7/10
5 WELL VOLUME: 9
HEIGHT OF WATER COLUMN: _____
ACTUAL PURGED VOLUME: 10

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 Y 11.03 = 1.8 x 5 = 9

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: _____ NO ✓ YES, DESCRIBE: Gas

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	2	6.95	19.17	2735
	4	6.91	19.12	2720
	6	6.89	19.09	2714
	8	6.92	19.11	2722
	10	6.90	19.1	2719

ENVIRO SOIL TECH CONSULTANTS

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

FILE NO.: 3-13-855-SC
WELL NO.: MW-5
DATE: 4-17-14
SAMPLER: FRANK
DEPTH TO WELL: 22'
1 WELL VOLUME: 0.93
DEPTH TO WATER: 16' 3" 2/10
5 WELL VOLUME: 4.65
HEIGHT OF WATER COLUMN: _____
ACTUAL PURGED VOLUME: 5

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x 5.68 = 0.93 x 5 = 4.65

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: _____ NO ✓ YES, DESCRIBE: Gas

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1	6.65	20.12	3295
	2	6.61	20.1	3287
	3	6.64	20.07	3271
	4	6.6	20.04	3285
	5	6.62	20.01	3280

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 3-13-855-SC **WELL NO.:** MW-6

DATE: 4-17-14 **SAMPLER:** Frank

DEPTH TO WELL: 22' 4" **1 WELL VOLUME:** 0.75

DEPTH TO WATER: 17' 3 8/10" **5 WELL VOLUME:** 3.75

HEIGHT OF WATER COLUMN: _____ **ACTUAL PURGED VOLUME:** 5

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x 4.62 = 0.75 x 5 = 3.75

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: _____ NO ✓ YES, DESCRIBE: Gas

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1	6.71	20.23	2460
	2	6.73	20.2	2485
	3	6.69	20.15	2472
	4	6.68	20.19	2466
	5	6.7	20.21	2479

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

FILE NO.: 3-13-855-SC WELL NO.: MW-7

DATE: 4-17-14 SAMPLER: FRANK

DEPTH TO WELL: _____ 1 WELL VOLUME: _____

DEPTH TO WATER: 10 5" 4/10 5 WELL VOLUME: _____

HEIGHT OF WATER COLUMN: _____ ACTUAL PURGED VOLUME: 15

CASING DIAMETER: _____2" _____4"

CALCULATIONS:

2" - x 0.1632 _____

4" - 0.653 _____

PURGE METHOD: _____BAILER ✓ DISPLACEMENT PUMP _____OTHER

SAMPLE METHOD: ✓ BAILER _____OTHER

SHEEN: ✓ NO _____YES, DESCRIBE: _____

ODOR: _____NO ✓ YES, DESCRIBE: Strong gas

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	3	6.75	19.92	3118
	7	6.70	19.95	3129
	9	6.71	19.9	3134
	11	6.77	19.89	3140
	15	6.74	19.86	3142

File No. 3-13-855-SC
April 28, 2014

A P P E N D I X "F"

LABORATORY REPORT

ENVIRO SOIL TECH CONSULTANTS


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 255720
ANALYTICAL REPORT

Enviro Soil Tech Consultants	Project : 3-13-855-SC
131 Tully Road	Location : 3635 13th Ave.,Oakland
San Jose, CA 95111	Level : II

Sample ID	Lab ID
MW-1	255720-001
MW-2	255720-002
MW-3	255720-003
MW-4	255720-004
MW-5	255720-005
MW-6	255720-006
MW-7	255720-007

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 04/24/2014

Will S Rice
Project Manager
will.rice@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**255720**
Client:	**Enviro Soil Tech Consultants**
Project:	**3-13-855-SC**
Location:	**3635 13th Ave.,Oakland**
Request Date:	**04/17/14**
Samples Received:	**04/17/14**

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 04/17/14. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
Low response was observed for tert-butyl alcohol (TBA) in the CCV analyzed 04/18/14 07:46; this analyte met minimum response criteria, and affected data was qualified with "b". No other analytical problems were encountered.

CHAIN OF CUSTODY RECORD

Login # 255720

PROJ. NO.	NAME
3-13-855-SC	3635 13th Ave., Oakland

SAMPLERS: (*Siganature*)

NO.	DATE	TIME	SOIL	WATER	AIR	SAMPLE ID	CON-TAINER Vials	ANALYSES REQUESTED: TPHg (8015)	EPA 8260B*					REMARKS
1	4/17/14			✓		MW-1	4	✓	✓					EDF # T0600100274
2				✓		MW-2	4	✓	✓					
3				✓		MW-3	4	✓	✓					
4				✓		MW-4	4	✓	✓					*Full lists - please include TBA.
5				✓		MW-5	4	✓	✓					
6				✓		MW-6	4	✓	✓					
7				✓		MW-7	4	✓	✓					

Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)	Date/Time	Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)
	4/17 16:30		4/17 16:30			
Relinquished by: (*Signature*)	Dated/Time	Received by: (*Signature*)	Date/Time	Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)
			04/17/14 16:30			
Relinquished by: (*Signature*)	Date/Time	Received for Laboratory by: (*Signature*)	Date/Time	**Remarks:** Please send lab report to Frank Hamedi. Note: All vials are HCL preserved.		

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 694-3347

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 255720 Date Received 04/17/14 Number of coolers 1
Client ENVIRO SOIL TECH CONSULTANTS Project 3635 13TH AVE.

Date Opened 04/17/14 By (print) NY (sign)
Date Logged in 4 By (print) MT (sign)

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
   Shipping info _____

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
   How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO N/A
3. Were custody papers dry and intact when received? _____ YES NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO
5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO
6. Indicate the packing in cooler: (if other, describe) _____

☐ Bubble Wrap ☒ Foam blocks ☐ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☐ Wet ☐ Blue/Gel ☐ None Temp(°C) _____

☒ Samples received on ice & cold without a temperature blank; ~~temp taken with IR gun~~

☒ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES NO
   If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ YES NO
10. Are there any missing / extra samples? _____ YES NO
11. Are samples in the appropriate containers for indicated tests? _____ YES NO
12. Are sample labels present, in good condition and complete? _____ YES NO
13. Do the sample labels agree with custody papers? _____ YES NO
14. Was sufficient amount of sample sent for tests requested? _____ YES NO
15. Are the samples appropriately preserved? _____ YES NO N/A
16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A
17. Did you document your preservative check? _____ YES NO N/A
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A
20. Are bubbles > 6mm absent in VOA samples? _____ YES (NO) N/A MT 4/17
21. Was the client contacted concerning this sample delivery? _____ YES NO
   If YES, Who was called? _____ By _____ Date: _____

COMMENTS
#20 -007 1 of 4 VOAs has bubble

Rev 10, 10/11

Curtis & Tompkins, Ltd.

Detections Summary for 255720

Client : Enviro Soil Tech Consultants
Project : 3-13-855-SC
Location : 3635 13th Ave.,Oakland

Client Sample ID : MW-1 Laboratory Sample ID : 255720-001

No Detections

Client Sample ID : MW-2 Laboratory Sample ID : 255720-002

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	4,800		50	11	ug/L	As Recd	1.000	EPA 8015B	EPA 5030B
MTBE	26		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Benzene	500		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
Toluene	16		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Ethylbenzene	270		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
m,p-Xylenes	68		2.5	0.7	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
o-Xylene	29		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Isopropylbenzene	17		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Propylbenzene	44		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
1,3,5-Trimethylbenzene	4.8		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
1,2,4-Trimethylbenzene	100		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
sec-Butylbenzene	5.4		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
para-Isopropyl Toluene	3.7		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Naphthalene	32		10	0.9	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B

Client Sample ID : MW-3 Laboratory Sample ID : 255720-003

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Tetrachloroethene	0.8		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B

Client Sample ID : MW-4 Laboratory Sample ID : 255720-004

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	7,300		50	11	ug/L	As Recd	1.000	EPA 8015B	EPA 5030B
MTBE	45		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Benzene	550		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
Toluene	55		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Ethylbenzene	540		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
m,p-Xylenes	270		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
o-Xylene	35		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Isopropylbenzene	28		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Propylbenzene	41		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
1,3,5-Trimethylbenzene	45		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
1,2,4-Trimethylbenzene	49		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Naphthalene	310		20	1.8	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B

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Client Sample ID : MW-5 Laboratory Sample ID : 255720-005

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	2,100		50	11	ug/L	As Recd	1.000	EPA 8015B	EPA 5030B
MTBE	91		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
1,2-Dichloroethane	2.8		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Benzene	400		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Ethylbenzene	30		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Isopropylbenzene	4.5		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
Propylbenzene	6.8		2.5	0.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B
tert-Butyl Alcohol (TBA)	440		50	8.5	ug/L	As Recd	5.000	EPA 8260B	EPA 5030B

Client Sample ID : MW-6 Laboratory Sample ID : 255720-006

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	740	Y	50	11	ug/L	As Recd	1.000	EPA 8015B	EPA 5030B
MTBE	97		1.0	0.2	ug/L	As Recd	2.000	EPA 8260B	EPA 5030B
Benzene	49		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Toluene	1.1		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Ethylbenzene	22		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
m,p-Xylenes	0.9		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Isopropylbenzene	8.1		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Propylbenzene	11		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
sec-Butylbenzene	2.0		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
n-Butylbenzene	1.5		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
tert-Butyl Alcohol (TBA)	59		10	1.7	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B

Client Sample ID : MW-7 Laboratory Sample ID : 255720-007

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	11,000		630	130	ug/L	As Recd	12.50	EPA 8015B	EPA 5030B
MTBE	23		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
Benzene	3,900		25	5.0	ug/L	As Recd	50.00	EPA 8260B	EPA 5030B
Toluene	22		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
Ethylbenzene	290		5.0	1.1	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
m,p-Xylenes	110		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
o-Xylene	47		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
Isopropylbenzene	24		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
Propylbenzene	38		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
1,3,5-Trimethylbenzene	19		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
1,2,4-Trimethylbenzene	78		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
tert-Butyl Alcohol (TBA)	1,400		500	85	ug/L	As Recd	50.00	EPA 8260B	EPA 5030B

Y = Sample exhibits chromatographic pattern which does not resemble standard

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	04/17/14
Units:	ug/L	Received:	04/17/14
Batch#:	210301	Analyzed:	04/22/14

Field ID: MW-1 Lab ID: 255720-001
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	77-128

Field ID: MW-2 Lab ID: 255720-002
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	4,800	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	111	77-128

Field ID: MW-3 Lab ID: 255720-003
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	77-128

Field ID: MW-4 Lab ID: 255720-004
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	7,300	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	119	77-128

Field ID: MW-5 Lab ID: 255720-005
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	2,100	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	77-128

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	04/17/14
Units:	ug/L	Received:	04/17/14
Batch#:	210301	Analyzed:	04/22/14

Field ID: MW-6 Lab ID: 255720-006
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	740 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	107	77-128

Field ID: MW-7 Lab ID: 255720-007
Type: SAMPLE Diln Fac: 12.50

Analyte	Result	RL
Gasoline C7-C12	11,000	630

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	77-128

Type: BLANK Diln Fac: 1.000
Lab ID: QC737052

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	77-128

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC737051	Batch#:	210301
Matrix:	Water	Analyzed:	04/22/14
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,141	114	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	77-128

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8015B
Field ID:	MW-1	Batch#:	210301
MSS Lab ID:	255720-001	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14
Units:	ug/L	Analyzed:	04/22/14
Diln Fac:	1.000		

Type: MS Lab ID: QC737053

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.77	2,000	2,111	105	74-120

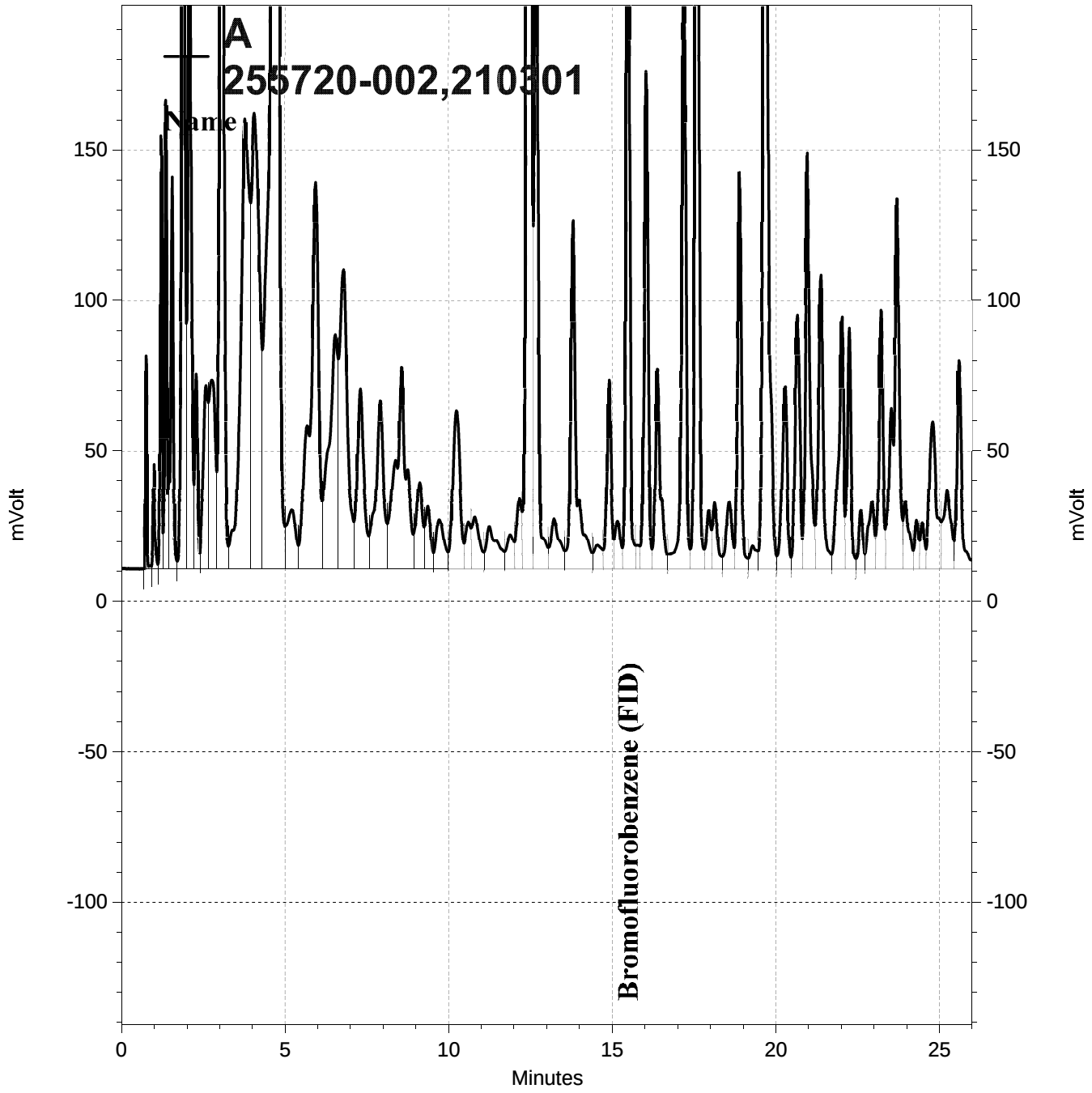
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	107	77-128

Type: MSD Lab ID: QC737054

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,053	102	74-120	3	27

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	77-128

RPD= Relative Percent Difference



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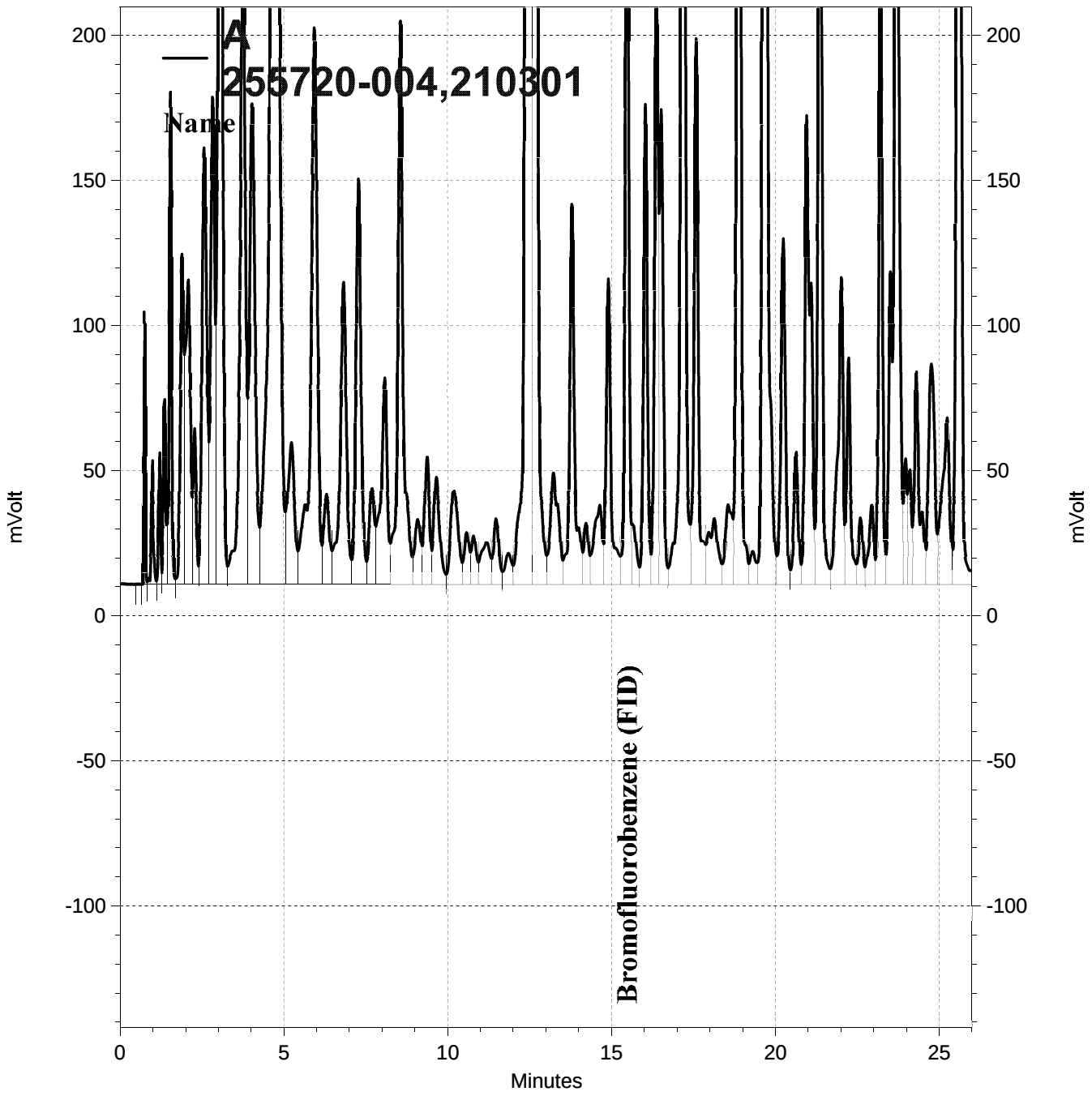

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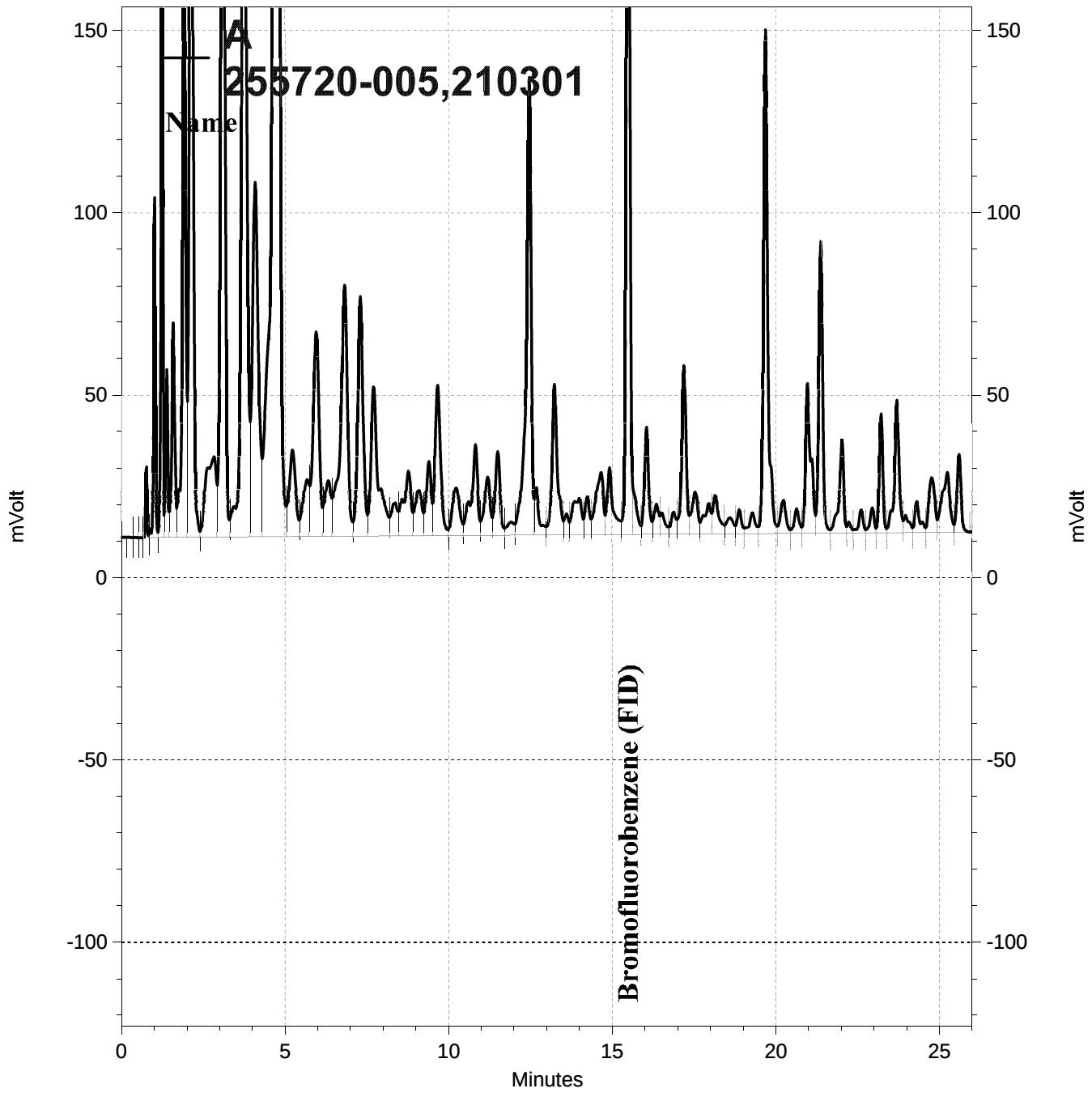

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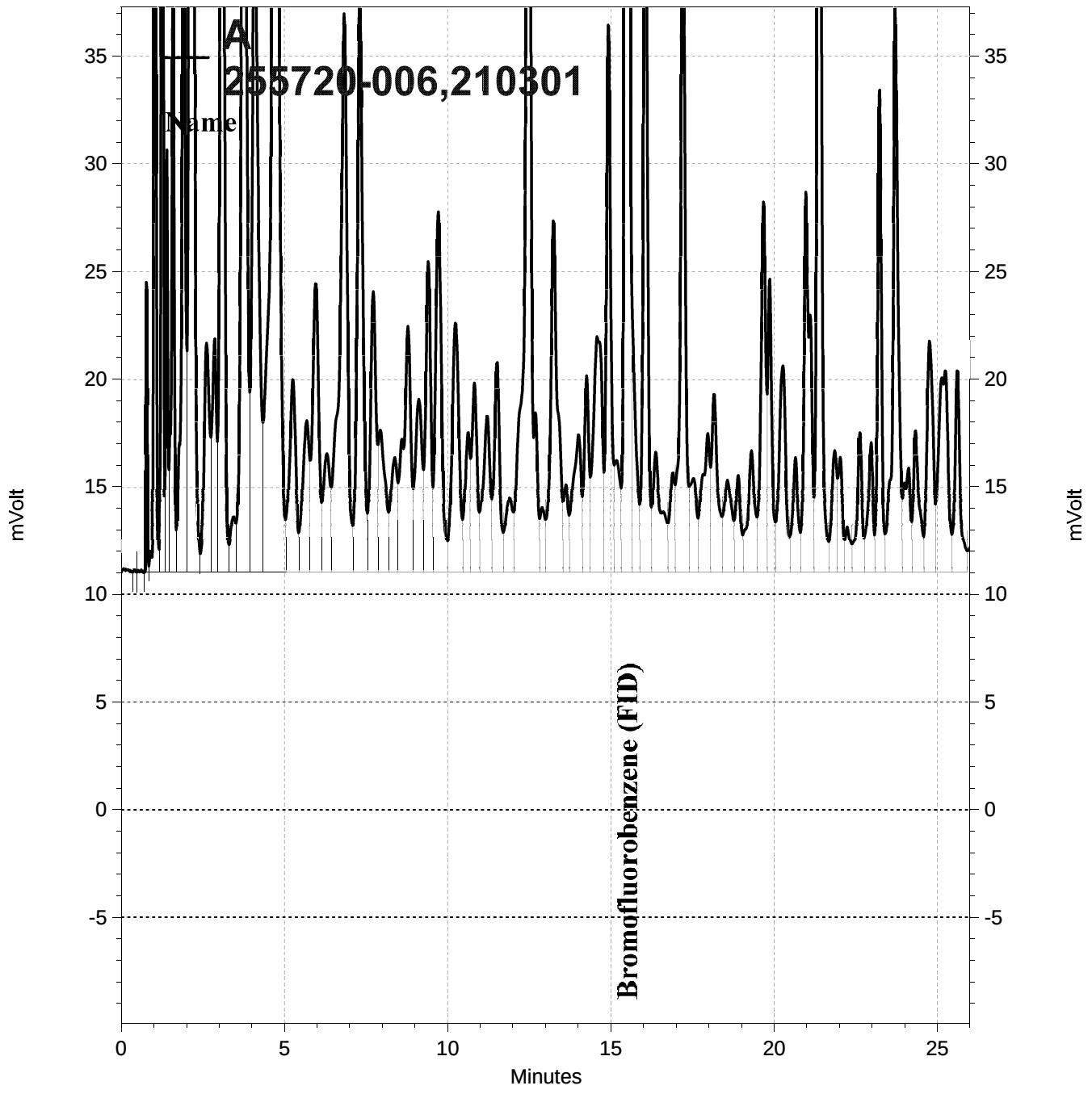

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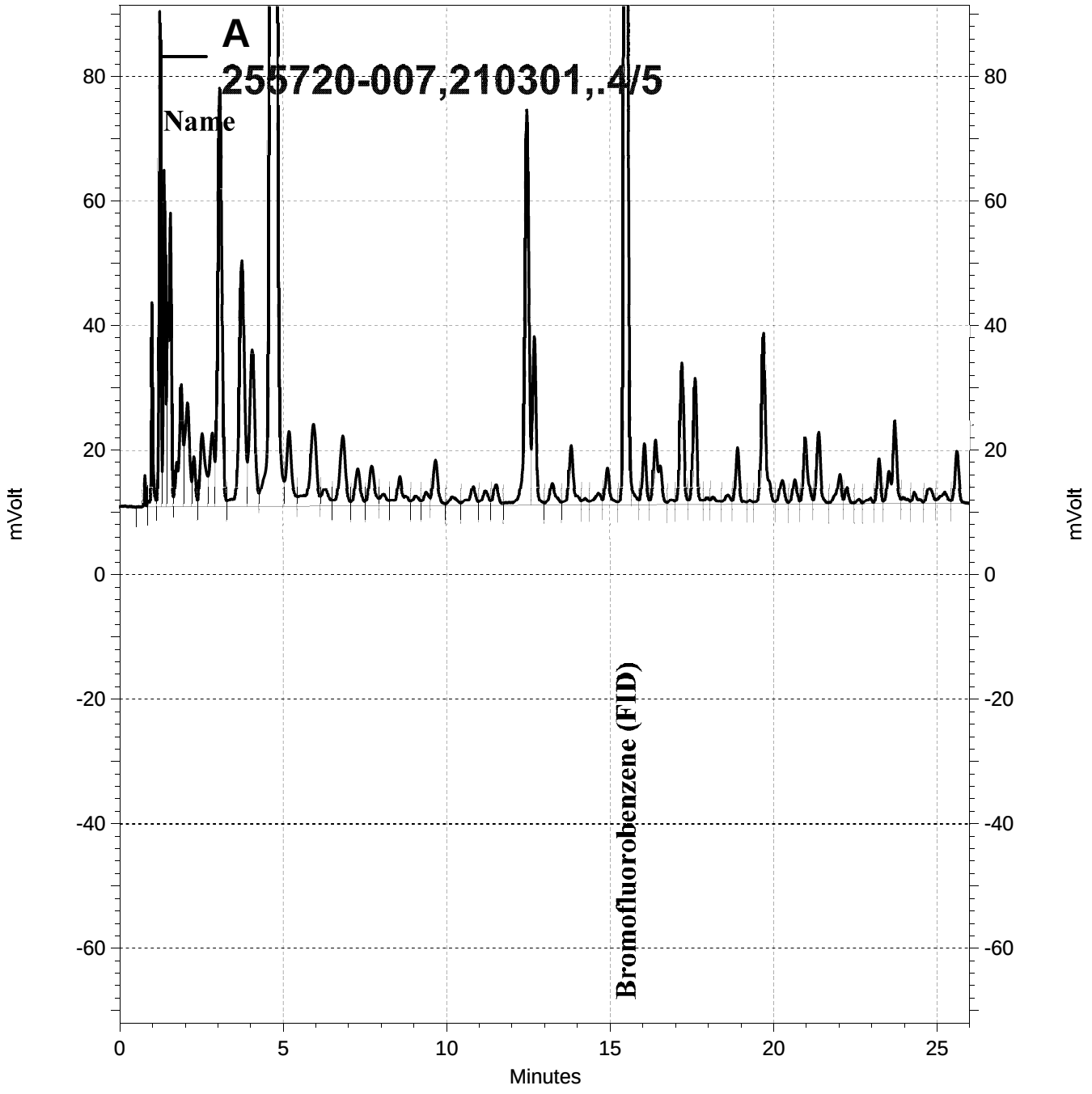

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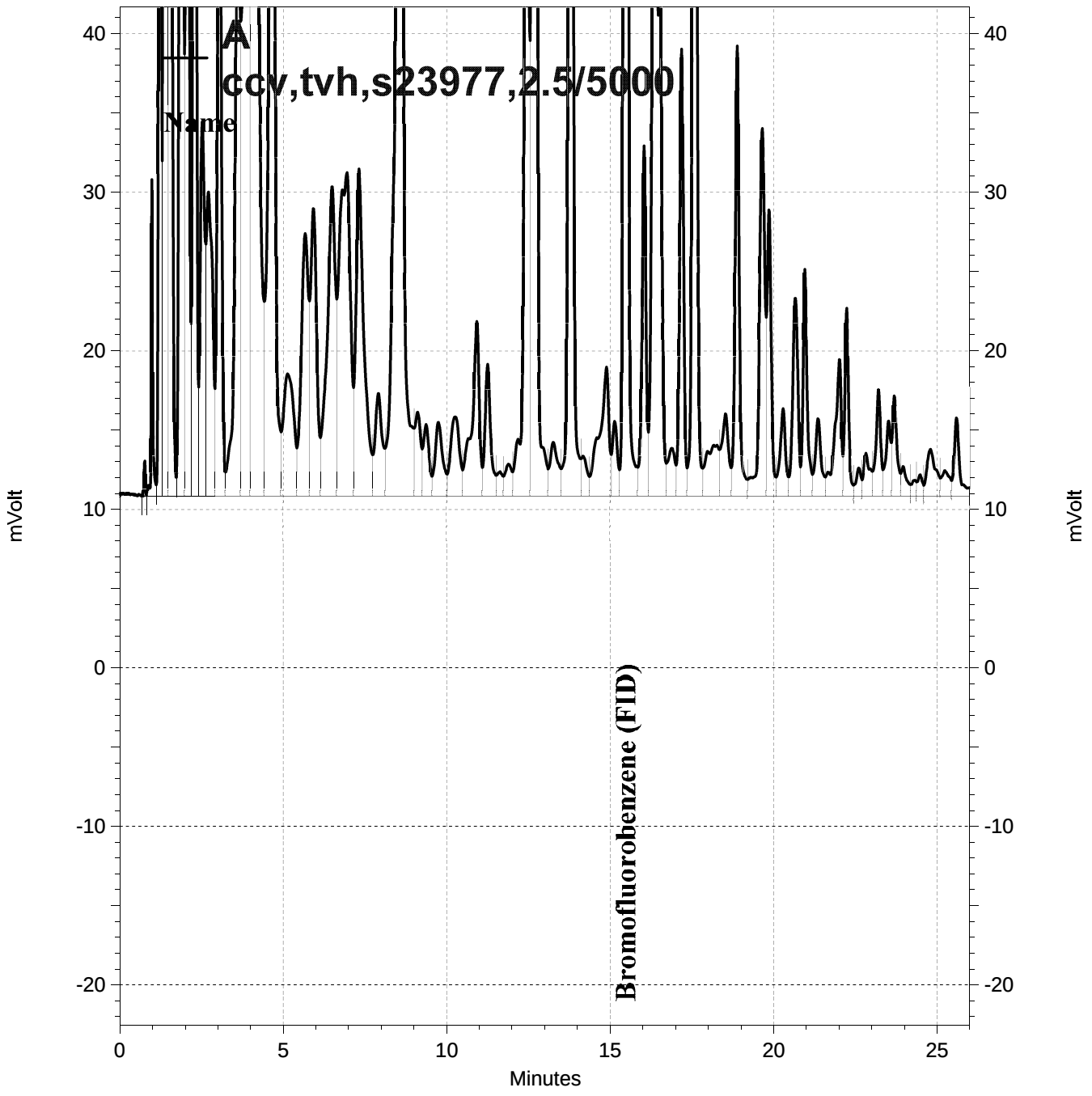

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Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-1	Batch#:	210192
Lab ID:	255720-001	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14
Units:	ug/L	Analyzed:	04/18/14
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-1	Batch#:	210192
Lab ID:	255720-001	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14
Units:	ug/L	Analyzed:	04/18/14
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
tert-Butyl Alcohol (TBA)	ND	10

Surrogate	%REC	Limits
Dibromofluoromethane	132	77-136
1,2-Dichloroethane-d4	114	75-139
Toluene-d8	101	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-2	Units:	ug/L
Lab ID:	255720-002	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Freon 12	ND	5.0	5.000	210312	04/22/14
Chloromethane	ND	5.0	5.000	210312	04/22/14
Vinyl Chloride	ND	2.5	5.000	210312	04/22/14
Bromomethane	ND	5.0	5.000	210312	04/22/14
Chloroethane	ND	5.0	5.000	210312	04/22/14
Trichlorofluoromethane	ND	5.0	5.000	210312	04/22/14
Acetone	ND	50	5.000	210312	04/22/14
Freon 113	ND	10	5.000	210312	04/22/14
1,1-Dichloroethene	ND	2.5	5.000	210312	04/22/14
Methylene Chloride	ND	50	5.000	210312	04/22/14
Carbon Disulfide	ND	2.5	5.000	210312	04/22/14
MTBE	26	2.5	5.000	210312	04/22/14
trans-1,2-Dichloroethene	ND	2.5	5.000	210312	04/22/14
Vinyl Acetate	ND	50	5.000	210312	04/22/14
1,1-Dichloroethane	ND	2.5	5.000	210312	04/22/14
2-Butanone	ND	50	5.000	210312	04/22/14
cis-1,2-Dichloroethene	ND	2.5	5.000	210312	04/22/14
2,2-Dichloropropane	ND	2.5	5.000	210312	04/22/14
Chloroform	ND	2.5	5.000	210312	04/22/14
Bromochloromethane	ND	2.5	5.000	210312	04/22/14
1,1,1-Trichloroethane	ND	2.5	5.000	210312	04/22/14
1,1-Dichloropropene	ND	2.5	5.000	210312	04/22/14
Carbon Tetrachloride	ND	2.5	5.000	210312	04/22/14
1,2-Dichloroethane	ND	2.5	5.000	210312	04/22/14
Benzene	500	5.0	10.00	210346	04/23/14
Trichloroethene	ND	2.5	5.000	210312	04/22/14
1,2-Dichloropropane	ND	2.5	5.000	210312	04/22/14
Bromodichloromethane	ND	2.5	5.000	210312	04/22/14
Dibromomethane	ND	2.5	5.000	210312	04/22/14
4-Methyl-2-Pentanone	ND	50	5.000	210312	04/22/14
cis-1,3-Dichloropropene	ND	2.5	5.000	210312	04/22/14
Toluene	16	2.5	5.000	210312	04/22/14
trans-1,3-Dichloropropene	ND	2.5	5.000	210312	04/22/14
1,1,2-Trichloroethane	ND	2.5	5.000	210312	04/22/14
2-Hexanone	ND	50	5.000	210312	04/22/14
1,3-Dichloropropane	ND	2.5	5.000	210312	04/22/14
Tetrachloroethene	ND	2.5	5.000	210312	04/22/14
Dibromochloromethane	ND	2.5	5.000	210312	04/22/14
1,2-Dibromoethane	ND	2.5	5.000	210312	04/22/14

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-2	Units:	ug/L
Lab ID:	255720-002	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chlorobenzene	ND	2.5	5.000	210312	04/22/14
1,1,1,2-Tetrachloroethane	ND	2.5	5.000	210312	04/22/14
Ethylbenzene	270	2.5	5.000	210312	04/22/14
m,p-Xylenes	68	2.5	5.000	210312	04/22/14
o-Xylene	29	2.5	5.000	210312	04/22/14
Styrene	ND	2.5	5.000	210312	04/22/14
Bromoform	ND	5.0	5.000	210312	04/22/14
Isopropylbenzene	17	2.5	5.000	210312	04/22/14
1,1,2,2-Tetrachloroethane	ND	2.5	5.000	210312	04/22/14
1,2,3-Trichloropropane	ND	2.5	5.000	210312	04/22/14
Propylbenzene	44	2.5	5.000	210312	04/22/14
Bromobenzene	ND	2.5	5.000	210312	04/22/14
1,3,5-Trimethylbenzene	4.8	2.5	5.000	210312	04/22/14
2-Chlorotoluene	ND	2.5	5.000	210312	04/22/14
4-Chlorotoluene	ND	2.5	5.000	210312	04/22/14
tert-Butylbenzene	ND	2.5	5.000	210312	04/22/14
1,2,4-Trimethylbenzene	100	2.5	5.000	210312	04/22/14
sec-Butylbenzene	5.4	2.5	5.000	210312	04/22/14
para-Isopropyl Toluene	3.7	2.5	5.000	210312	04/22/14
1,3-Dichlorobenzene	ND	2.5	5.000	210312	04/22/14
1,4-Dichlorobenzene	ND	2.5	5.000	210312	04/22/14
n-Butylbenzene	ND	2.5	5.000	210312	04/22/14
1,2-Dichlorobenzene	ND	2.5	5.000	210312	04/22/14
1,2-Dibromo-3-Chloropropane	ND	10	5.000	210312	04/22/14
1,2,4-Trichlorobenzene	ND	2.5	5.000	210312	04/22/14
Hexachlorobutadiene	ND	10	5.000	210312	04/22/14
Naphthalene	32	10	5.000	210312	04/22/14
1,2,3-Trichlorobenzene	ND	2.5	5.000	210312	04/22/14
tert-Butyl Alcohol (TBA)	ND	50	5.000	210312	04/22/14

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	102	77-136	5.000	210312	04/22/14
1,2-Dichloroethane-d4	93	75-139	5.000	210312	04/22/14
Toluene-d8	97	80-120	5.000	210312	04/22/14
Bromofluorobenzene	101	80-120	5.000	210312	04/22/14

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-3	Batch#:	210312
Lab ID:	255720-003	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14
Units:	ug/L	Analyzed:	04/22/14
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	0.8	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-3	Batch#:	210312
Lab ID:	255720-003	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14
Units:	ug/L	Analyzed:	04/22/14
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
tert-Butyl Alcohol (TBA)	ND	10

Surrogate	%REC	Limits
Dibromofluoromethane	102	77-136
1,2-Dichloroethane-d4	93	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-4	Units:	ug/L
Lab ID:	255720-004	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Freon 12	ND	5.0	5.000	210192	04/18/14
Chloromethane	ND	5.0	5.000	210192	04/18/14
Vinyl Chloride	ND	2.5	5.000	210192	04/18/14
Bromomethane	ND	5.0	5.000	210192	04/18/14
Chloroethane	ND	5.0	5.000	210192	04/18/14
Trichlorofluoromethane	ND	5.0	5.000	210192	04/18/14
Acetone	ND	50	5.000	210192	04/18/14
Freon 113	ND	10	5.000	210192	04/18/14
1,1-Dichloroethene	ND	2.5	5.000	210192	04/18/14
Methylene Chloride	ND	50	5.000	210192	04/18/14
Carbon Disulfide	ND	2.5	5.000	210192	04/18/14
MTBE	45	2.5	5.000	210192	04/18/14
trans-1,2-Dichloroethene	ND	2.5	5.000	210192	04/18/14
Vinyl Acetate	ND	50	5.000	210192	04/18/14
1,1-Dichloroethane	ND	2.5	5.000	210192	04/18/14
2-Butanone	ND	50	5.000	210192	04/18/14
cis-1,2-Dichloroethene	ND	2.5	5.000	210192	04/18/14
2,2-Dichloropropane	ND	2.5	5.000	210192	04/18/14
Chloroform	ND	2.5	5.000	210192	04/18/14
Bromochloromethane	ND	2.5	5.000	210192	04/18/14
1,1,1-Trichloroethane	ND	2.5	5.000	210192	04/18/14
1,1-Dichloropropene	ND	2.5	5.000	210192	04/18/14
Carbon Tetrachloride	ND	2.5	5.000	210192	04/18/14
1,2-Dichloroethane	ND	2.5	5.000	210192	04/18/14
Benzene	550	5.0	10.00	210312	04/22/14
Trichloroethene	ND	2.5	5.000	210192	04/18/14
1,2-Dichloropropane	ND	2.5	5.000	210192	04/18/14
Bromodichloromethane	ND	2.5	5.000	210192	04/18/14
Dibromomethane	ND	2.5	5.000	210192	04/18/14
4-Methyl-2-Pentanone	ND	50	5.000	210192	04/18/14
cis-1,3-Dichloropropene	ND	2.5	5.000	210192	04/18/14
Toluene	55	2.5	5.000	210192	04/18/14
trans-1,3-Dichloropropene	ND	2.5	5.000	210192	04/18/14
1,1,2-Trichloroethane	ND	2.5	5.000	210192	04/18/14
2-Hexanone	ND	50	5.000	210192	04/18/14
1,3-Dichloropropane	ND	2.5	5.000	210192	04/18/14
Tetrachloroethene	ND	2.5	5.000	210192	04/18/14
Dibromochloromethane	ND	2.5	5.000	210192	04/18/14
1,2-Dibromoethane	ND	2.5	5.000	210192	04/18/14

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-4	Units:	ug/L
Lab ID:	255720-004	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chlorobenzene	ND	2.5	5.000	210192	04/18/14
1,1,1,2-Tetrachloroethane	ND	2.5	5.000	210192	04/18/14
Ethylbenzene	540	5.0	10.00	210312	04/22/14
m,p-Xylenes	270	2.5	5.000	210192	04/18/14
o-Xylene	35	2.5	5.000	210192	04/18/14
Styrene	ND	2.5	5.000	210192	04/18/14
Bromoform	ND	5.0	5.000	210192	04/18/14
Isopropylbenzene	28	2.5	5.000	210192	04/18/14
1,1,2,2-Tetrachloroethane	ND	2.5	5.000	210192	04/18/14
1,2,3-Trichloropropane	ND	2.5	5.000	210192	04/18/14
Propylbenzene	41	2.5	5.000	210192	04/18/14
Bromobenzene	ND	2.5	5.000	210192	04/18/14
1,3,5-Trimethylbenzene	45	2.5	5.000	210192	04/18/14
2-Chlorotoluene	ND	2.5	5.000	210192	04/18/14
4-Chlorotoluene	ND	2.5	5.000	210192	04/18/14
tert-Butylbenzene	ND	2.5	5.000	210192	04/18/14
1,2,4-Trimethylbenzene	49	2.5	5.000	210192	04/18/14
sec-Butylbenzene	ND	2.5	5.000	210192	04/18/14
para-Isopropyl Toluene	ND	2.5	5.000	210192	04/18/14
1,3-Dichlorobenzene	ND	2.5	5.000	210192	04/18/14
1,4-Dichlorobenzene	ND	2.5	5.000	210192	04/18/14
n-Butylbenzene	ND	2.5	5.000	210192	04/18/14
1,2-Dichlorobenzene	ND	2.5	5.000	210192	04/18/14
1,2-Dibromo-3-Chloropropane	ND	10	5.000	210192	04/18/14
1,2,4-Trichlorobenzene	ND	2.5	5.000	210192	04/18/14
Hexachlorobutadiene	ND	10	5.000	210192	04/18/14
Naphthalene	310	20	10.00	210312	04/22/14
1,2,3-Trichlorobenzene	ND	2.5	5.000	210192	04/18/14
tert-Butyl Alcohol (TBA)	ND	100	10.00	210312	04/22/14

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	104	77-136	5.000	210192	04/18/14
1,2-Dichloroethane-d4	106	75-139	5.000	210192	04/18/14
Toluene-d8	98	80-120	5.000	210192	04/18/14
Bromofluorobenzene	96	80-120	5.000	210192	04/18/14

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-5	Batch#:	210312
Lab ID:	255720-005	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14
Units:	ug/L	Analyzed:	04/22/14
Diln Fac:	5.000		

Analyte	Result	RL
Freon 12	ND	5.0
Chloromethane	ND	5.0
Vinyl Chloride	ND	2.5
Bromomethane	ND	5.0
Chloroethane	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	50
Freon 113	ND	10
1,1-Dichloroethene	ND	2.5
Methylene Chloride	ND	50
Carbon Disulfide	ND	2.5
MTBE	91	2.5
trans-1,2-Dichloroethene	ND	2.5
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	2.5
2-Butanone	ND	50
cis-1,2-Dichloroethene	ND	2.5
2,2-Dichloropropane	ND	2.5
Chloroform	ND	2.5
Bromochloromethane	ND	2.5
1,1,1-Trichloroethane	ND	2.5
1,1-Dichloropropene	ND	2.5
Carbon Tetrachloride	ND	2.5
1,2-Dichloroethane	2.8	2.5
Benzene	400	2.5
Trichloroethene	ND	2.5
1,2-Dichloropropane	ND	2.5
Bromodichloromethane	ND	2.5
Dibromomethane	ND	2.5
4-Methyl-2-Pentanone	ND	50
cis-1,3-Dichloropropene	ND	2.5
Toluene	ND	2.5
trans-1,3-Dichloropropene	ND	2.5
1,1,2-Trichloroethane	ND	2.5
2-Hexanone	ND	50
1,3-Dichloropropane	ND	2.5
Tetrachloroethene	ND	2.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-5	Batch#:	210312
Lab ID:	255720-005	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14
Units:	ug/L	Analyzed:	04/22/14
Diln Fac:	5.000		

Analyte	Result	RL
Dibromochloromethane	ND	2.5
1,2-Dibromoethane	ND	2.5
Chlorobenzene	ND	2.5
1,1,1,2-Tetrachloroethane	ND	2.5
Ethylbenzene	30	2.5
m,p-Xylenes	ND	2.5
o-Xylene	ND	2.5
Styrene	ND	2.5
Bromoform	ND	5.0
Isopropylbenzene	4.5	2.5
1,1,2,2-Tetrachloroethane	ND	2.5
1,2,3-Trichloropropane	ND	2.5
Propylbenzene	6.8	2.5
Bromobenzene	ND	2.5
1,3,5-Trimethylbenzene	ND	2.5
2-Chlorotoluene	ND	2.5
4-Chlorotoluene	ND	2.5
tert-Butylbenzene	ND	2.5
1,2,4-Trimethylbenzene	ND	2.5
sec-Butylbenzene	ND	2.5
para-Isopropyl Toluene	ND	2.5
1,3-Dichlorobenzene	ND	2.5
1,4-Dichlorobenzene	ND	2.5
n-Butylbenzene	ND	2.5
1,2-Dichlorobenzene	ND	2.5
1,2-Dibromo-3-Chloropropane	ND	10
1,2,4-Trichlorobenzene	ND	2.5
Hexachlorobutadiene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	2.5
tert-Butyl Alcohol (TBA)	440	50

Surrogate	%REC	Limits
Dibromofluoromethane	103	77-136
1,2-Dichloroethane-d4	97	75-139
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-6	Units:	ug/L
Lab ID:	255720-006	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Freon 12	ND	1.0	1.000	210312	04/22/14
Chloromethane	ND	1.0	1.000	210312	04/22/14
Vinyl Chloride	ND	0.5	1.000	210312	04/22/14
Bromomethane	ND	1.0	1.000	210312	04/22/14
Chloroethane	ND	1.0	1.000	210312	04/22/14
Trichlorofluoromethane	ND	1.0	1.000	210312	04/22/14
Acetone	ND	10	1.000	210312	04/22/14
Freon 113	ND	2.0	1.000	210312	04/22/14
1,1-Dichloroethene	ND	0.5	1.000	210312	04/22/14
Methylene Chloride	ND	10	1.000	210312	04/22/14
Carbon Disulfide	ND	0.5	1.000	210312	04/22/14
MTBE	97	1.0	2.000	210192	04/18/14
trans-1,2-Dichloroethene	ND	0.5	1.000	210312	04/22/14
Vinyl Acetate	ND	10	1.000	210312	04/22/14
1,1-Dichloroethane	ND	0.5	1.000	210312	04/22/14
2-Butanone	ND	10	1.000	210312	04/22/14
cis-1,2-Dichloroethene	ND	0.5	1.000	210312	04/22/14
2,2-Dichloropropane	ND	0.5	1.000	210312	04/22/14
Chloroform	ND	0.5	1.000	210312	04/22/14
Bromochloromethane	ND	0.5	1.000	210312	04/22/14
1,1,1-Trichloroethane	ND	0.5	1.000	210312	04/22/14
1,1-Dichloropropene	ND	0.5	1.000	210312	04/22/14
Carbon Tetrachloride	ND	0.5	1.000	210312	04/22/14
1,2-Dichloroethane	ND	0.5	1.000	210312	04/22/14
Benzene	49	0.5	1.000	210312	04/22/14
Trichloroethene	ND	0.5	1.000	210312	04/22/14
1,2-Dichloropropane	ND	0.5	1.000	210312	04/22/14
Bromodichloromethane	ND	0.5	1.000	210312	04/22/14
Dibromomethane	ND	0.5	1.000	210312	04/22/14
4-Methyl-2-Pentanone	ND	10	1.000	210312	04/22/14
cis-1,3-Dichloropropene	ND	0.5	1.000	210312	04/22/14
Toluene	1.1	0.5	1.000	210312	04/22/14
trans-1,3-Dichloropropene	ND	0.5	1.000	210312	04/22/14
1,1,2-Trichloroethane	ND	0.5	1.000	210312	04/22/14
2-Hexanone	ND	10	1.000	210312	04/22/14
1,3-Dichloropropane	ND	0.5	1.000	210312	04/22/14
Tetrachloroethene	ND	0.5	1.000	210312	04/22/14
Dibromochloromethane	ND	0.5	1.000	210312	04/22/14
1,2-Dibromoethane	ND	0.5	1.000	210312	04/22/14

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-6	Units:	ug/L
Lab ID:	255720-006	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chlorobenzene	ND	0.5	1.000	210312	04/22/14
1,1,1,2-Tetrachloroethane	ND	0.5	1.000	210312	04/22/14
Ethylbenzene	22	0.5	1.000	210312	04/22/14
m,p-Xylenes	0.9	0.5	1.000	210312	04/22/14
o-Xylene	ND	0.5	1.000	210312	04/22/14
Styrene	ND	0.5	1.000	210312	04/22/14
Bromoform	ND	1.0	1.000	210312	04/22/14
Isopropylbenzene	8.1	0.5	1.000	210312	04/22/14
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	210312	04/22/14
1,2,3-Trichloropropane	ND	0.5	1.000	210312	04/22/14
Propylbenzene	11	0.5	1.000	210312	04/22/14
Bromobenzene	ND	0.5	1.000	210312	04/22/14
1,3,5-Trimethylbenzene	ND	0.5	1.000	210312	04/22/14
2-Chlorotoluene	ND	0.5	1.000	210312	04/22/14
4-Chlorotoluene	ND	0.5	1.000	210312	04/22/14
tert-Butylbenzene	ND	0.5	1.000	210312	04/22/14
1,2,4-Trimethylbenzene	ND	0.5	1.000	210312	04/22/14
sec-Butylbenzene	2.0	0.5	1.000	210312	04/22/14
para-Isopropyl Toluene	ND	0.5	1.000	210312	04/22/14
1,3-Dichlorobenzene	ND	0.5	1.000	210312	04/22/14
1,4-Dichlorobenzene	ND	0.5	1.000	210312	04/22/14
n-Butylbenzene	1.5	0.5	1.000	210312	04/22/14
1,2-Dichlorobenzene	ND	0.5	1.000	210312	04/22/14
1,2-Dibromo-3-Chloropropane	ND	2.0	1.000	210312	04/22/14
1,2,4-Trichlorobenzene	ND	0.5	1.000	210312	04/22/14
Hexachlorobutadiene	ND	2.0	1.000	210312	04/22/14
Naphthalene	ND	2.0	1.000	210312	04/22/14
1,2,3-Trichlorobenzene	ND	0.5	1.000	210312	04/22/14
tert-Butyl Alcohol (TBA)	59	10	1.000	210312	04/22/14

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	102	77-136	1.000	210312	04/22/14
1,2-Dichloroethane-d4	95	75-139	1.000	210312	04/22/14
Toluene-d8	97	80-120	1.000	210312	04/22/14
Bromofluorobenzene	104	80-120	1.000	210312	04/22/14

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-7	Units:	ug/L
Lab ID:	255720-007	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Freon 12	ND	10	10.00	210192	04/18/14
Chloromethane	ND	10	10.00	210192	04/18/14
Vinyl Chloride	ND	5.0	10.00	210192	04/18/14
Bromomethane	ND	10	10.00	210192	04/18/14
Chloroethane	ND	10	10.00	210192	04/18/14
Trichlorofluoromethane	ND	10	10.00	210192	04/18/14
Acetone	ND	100	10.00	210192	04/18/14
Freon 113	ND	20	10.00	210192	04/18/14
1,1-Dichloroethene	ND	5.0	10.00	210192	04/18/14
Methylene Chloride	ND	100	10.00	210192	04/18/14
Carbon Disulfide	ND	5.0	10.00	210192	04/18/14
MTBE	23	5.0	10.00	210192	04/18/14
trans-1,2-Dichloroethene	ND	5.0	10.00	210192	04/18/14
Vinyl Acetate	ND	100	10.00	210192	04/18/14
1,1-Dichloroethane	ND	5.0	10.00	210192	04/18/14
2-Butanone	ND	100	10.00	210192	04/18/14
cis-1,2-Dichloroethene	ND	5.0	10.00	210192	04/18/14
2,2-Dichloropropane	ND	5.0	10.00	210192	04/18/14
Chloroform	ND	5.0	10.00	210192	04/18/14
Bromochloromethane	ND	5.0	10.00	210192	04/18/14
1,1,1-Trichloroethane	ND	5.0	10.00	210192	04/18/14
1,1-Dichloropropene	ND	5.0	10.00	210192	04/18/14
Carbon Tetrachloride	ND	5.0	10.00	210192	04/18/14
1,2-Dichloroethane	ND	5.0	10.00	210192	04/18/14
Benzene	3,900	25	50.00	210312	04/22/14
Trichloroethene	ND	5.0	10.00	210192	04/18/14
1,2-Dichloropropane	ND	5.0	10.00	210192	04/18/14
Bromodichloromethane	ND	5.0	10.00	210192	04/18/14
Dibromomethane	ND	5.0	10.00	210192	04/18/14
4-Methyl-2-Pentanone	ND	100	10.00	210192	04/18/14
cis-1,3-Dichloropropene	ND	5.0	10.00	210192	04/18/14
Toluene	22	5.0	10.00	210192	04/18/14
trans-1,3-Dichloropropene	ND	5.0	10.00	210192	04/18/14
1,1,2-Trichloroethane	ND	5.0	10.00	210192	04/18/14
2-Hexanone	ND	100	10.00	210192	04/18/14
1,3-Dichloropropane	ND	5.0	10.00	210192	04/18/14
Tetrachloroethene	ND	5.0	10.00	210192	04/18/14
Dibromochloromethane	ND	5.0	10.00	210192	04/18/14
1,2-Dibromoethane	ND	5.0	10.00	210192	04/18/14

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Field ID:	MW-7	Units:	ug/L
Lab ID:	255720-007	Sampled:	04/17/14
Matrix:	Water	Received:	04/17/14

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chlorobenzene	ND	5.0	10.00	210192	04/18/14
1,1,1,2-Tetrachloroethane	ND	5.0	10.00	210192	04/18/14
Ethylbenzene	290	5.0	10.00	210192	04/18/14
m,p-Xylenes	110	5.0	10.00	210192	04/18/14
o-Xylene	47	5.0	10.00	210192	04/18/14
Styrene	ND	5.0	10.00	210192	04/18/14
Bromoform	ND	10	10.00	210192	04/18/14
Isopropylbenzene	24	5.0	10.00	210192	04/18/14
1,1,2,2-Tetrachloroethane	ND	5.0	10.00	210192	04/18/14
1,2,3-Trichloropropane	ND	5.0	10.00	210192	04/18/14
Propylbenzene	38	5.0	10.00	210192	04/18/14
Bromobenzene	ND	5.0	10.00	210192	04/18/14
1,3,5-Trimethylbenzene	19	5.0	10.00	210192	04/18/14
2-Chlorotoluene	ND	5.0	10.00	210192	04/18/14
4-Chlorotoluene	ND	5.0	10.00	210192	04/18/14
tert-Butylbenzene	ND	5.0	10.00	210192	04/18/14
1,2,4-Trimethylbenzene	78	5.0	10.00	210192	04/18/14
sec-Butylbenzene	ND	5.0	10.00	210192	04/18/14
para-Isopropyl Toluene	ND	5.0	10.00	210192	04/18/14
1,3-Dichlorobenzene	ND	5.0	10.00	210192	04/18/14
1,4-Dichlorobenzene	ND	5.0	10.00	210192	04/18/14
n-Butylbenzene	ND	5.0	10.00	210192	04/18/14
1,2-Dichlorobenzene	ND	5.0	10.00	210192	04/18/14
1,2-Dibromo-3-Chloropropane	ND	20	10.00	210192	04/18/14
1,2,4-Trichlorobenzene	ND	5.0	10.00	210192	04/18/14
Hexachlorobutadiene	ND	20	10.00	210192	04/18/14
Naphthalene	ND	100	50.00	210312	04/22/14
1,2,3-Trichlorobenzene	ND	5.0	10.00	210192	04/18/14
tert-Butyl Alcohol (TBA)	1,400	500	50.00	210312	04/22/14

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	101	77-136	10.00	210192	04/18/14
1,2-Dichloroethane-d4	97	75-139	10.00	210192	04/18/14
Toluene-d8	98	80-120	10.00	210192	04/18/14
Bromofluorobenzene	102	80-120	10.00	210192	04/18/14

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	210192
Units:	ug/L	Analyzed:	04/18/14
Diln Fac:	1.000		

Type: BS Lab ID: QC736621

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	12.50	10.46	84	65-134
Benzene	12.50	13.23	106	80-124
Trichloroethene	12.50	12.12	97	80-120
Toluene	12.50	12.80	102	80-122
Chlorobenzene	12.50	13.96	112	80-120
tert-Butyl Alcohol (TBA)	62.50	34.54 b	55	37-151

Surrogate	%REC	Limits
Dibromofluoromethane	108	77-136
1,2-Dichloroethane-d4	111	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	99	80-120

Type: BSD Lab ID: QC736622

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	12.50	10.39	83	65-134	1	20
Benzene	12.50	12.74	102	80-124	4	20
Trichloroethene	12.50	11.52	92	80-120	5	20
Toluene	12.50	12.23	98	80-122	5	20
Chlorobenzene	12.50	13.39	107	80-120	4	20
tert-Butyl Alcohol (TBA)	62.50	37.08 b	59	37-151	7	30

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136
1,2-Dichloroethane-d4	111	75-139
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-120

b= See narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC736623	Batch#:	210192
Matrix:	Water	Analyzed:	04/18/14
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC736623	Batch#:	210192
Matrix:	Water	Analyzed:	04/18/14
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
tert-Butyl Alcohol (TBA)	ND	10

Surrogate	%REC	Limits
Dibromofluoromethane	125	77-136
1,2-Dichloroethane-d4	114	75-139
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	210312
Units:	ug/L	Analyzed:	04/22/14
Diln Fac:	1.000		

Type: BS Lab ID: QC737109

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	22.69	91	65-134
Benzene	25.00	24.26	97	80-124
Trichloroethene	25.00	24.53	98	80-120
Toluene	25.00	23.72	95	80-122
Chlorobenzene	25.00	24.09	96	80-120
tert-Butyl Alcohol (TBA)	125.0	121.8	97	37-151

Surrogate	%REC	Limits
Dibromofluoromethane	101	77-136
1,2-Dichloroethane-d4	89	75-139
Toluene-d8	96	80-120
Bromofluorobenzene	101	80-120

Type: BSD Lab ID: QC737110

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	21.11	84	65-134	7	20
Benzene	25.00	23.07	92	80-124	5	20
Trichloroethene	25.00	23.17	93	80-120	6	20
Toluene	25.00	22.01	88	80-122	7	20
Chlorobenzene	25.00	22.67	91	80-120	6	20
tert-Butyl Alcohol (TBA)	125.0	122.6	98	37-151	1	30

Surrogate	%REC	Limits
Dibromofluoromethane	103	77-136
1,2-Dichloroethane-d4	91	75-139
Toluene-d8	95	80-120
Bromofluorobenzene	101	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC737111	Batch#:	210312
Matrix:	Water	Analyzed:	04/22/14
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC737111	Batch#:	210312
Matrix:	Water	Analyzed:	04/22/14
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
tert-Butyl Alcohol (TBA)	ND	10

Surrogate	%REC	Limits
Dibromofluoromethane	102	77-136
1,2-Dichloroethane-d4	95	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	104	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	210346
Units:	ug/L	Analyzed:	04/23/14
Diln Fac:	1.000		

Type: BS Lab ID: QC737252

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	20.45	82	65-134
Benzene	25.00	22.75	91	80-124
Trichloroethene	25.00	22.66	91	80-120
Toluene	25.00	21.88	88	80-122
Chlorobenzene	25.00	22.70	91	80-120
tert-Butyl Alcohol (TBA)	125.0	111.5	89	37-151

Surrogate	%REC	Limits
Dibromofluoromethane	104	77-136
1,2-Dichloroethane-d4	90	75-139
Toluene-d8	94	80-120
Bromofluorobenzene	100	80-120

Type: BSD Lab ID: QC737253

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	21.93	88	65-134	7	20
Benzene	25.00	23.46	94	80-124	3	20
Trichloroethene	25.00	23.88	96	80-120	5	20
Toluene	25.00	22.61	90	80-122	3	20
Chlorobenzene	25.00	23.12	92	80-120	2	20
tert-Butyl Alcohol (TBA)	125.0	131.5	105	37-151	16	30

Surrogate	%REC	Limits
Dibromofluoromethane	105	77-136
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	94	80-120
Bromofluorobenzene	98	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC737254	Batch#:	210346
Matrix:	Water	Analyzed:	04/23/14
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	255720	Location:	3635 13th Ave.,Oakland
Client:	Enviro Soil Tech Consultants	Prep:	EPA 5030B
Project#:	3-13-855-SC	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC737254	Batch#:	210346
Matrix:	Water	Analyzed:	04/23/14
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
tert-Butyl Alcohol (TBA)	ND	10

Surrogate	%REC	Limits
Dibromofluoromethane	104	77-136
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	95	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
RL= Reporting Limit