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Alameda County
Environmental Health

ED HEMMAT
3840 SAN PABLO AVENUE
EMERYVILLE, CA 94608

December 21, 2007

Ms. Donna Drogos
ACHCSA
1131 Harbor Parkway, Suite 250
Oakland, California 94502-6577

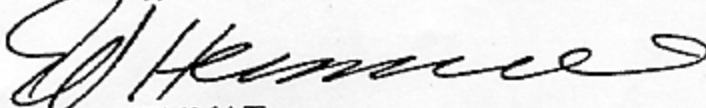
**SUBJECT: FOURTH QUARTER OF 2007 GROUNDWATER
MONITORING AND SAMPLING REPORT**
5630 San Pablo Avenue, Oakland, CA

Dear Ms. Drogos:

Enclosed, please find a copy of the December 20, 2007 subject Fourth Quarter of 2007 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,


ED HEMMAT

**FOURTH QUARTER OF 2007 GROUNDWATER
MONITORING & SAMPLING
FOR THE PROPERTY
LOCATED AT 5630 SAN PABLO AVENUE
OAKLAND, CALIFORNIA
DECEMBER 20, 2007**

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

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

ENVIRO SOIL TECH CONSULTANTS

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Graphs of Historical Chemical Concentrations
and Groundwater Elevations

APPENDIX "D"

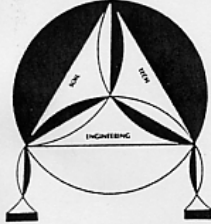
Groundwater Sampling SOP1

APPENDIX "E"

Entech Analytical Labs Report and Chain-of-Custody

APPENDIX "F"

Field Notes Data



ENVIRO SOIL TECH CONSULTANTS

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

December 20, 2007

File No. 12-04-770-GI

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

**SUBJECT: FOURTH QUARTER OF 2007 GROUNDWATER
MONITORING & SAMPLING FOR THE PROPERTY**
Located at 5630 San Pablo Avenue, in
Oakland, California

Dear Mr. Hemmat:

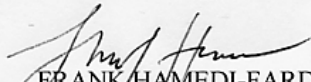
This report presents results from the fourth quarter 2007 groundwater monitoring and sampling event conducted by Enviro Soil Tech Consultants (ESTC) at the subject site (Figure 1). The depth to groundwater was measured in the five monitoring wells and water samples were collected for laboratory analysis on October 15, 2007.

File No. 12-04-770-GI
December 20, 2007

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.

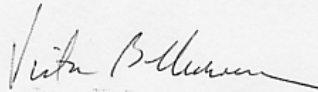
Sincerely,

ENVIRO SOIL TECH CONSULTANTS


FRANK HAMEDIFARD
GENERAL MANAGER


LAWRENCE KOOP, P.E.
C. E. #34928




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



ENVIRO SOIL TECH CONSULTANTS

SITE DESCRIPTION

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

SCOPE OF PRESENT WORK

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

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

FIELD ACTIVITIES

On October 15, 2007, ESTC's staff monitored the five monitoring wells and collected water samples. Depth measurements and other observations were recorded on

the field monitoring sheet. After the depth to groundwater was measured, approximately four to five well volumes of water were bailed from each well in order to purge standing water from the casing and assure that water samples would be representative of surrounding groundwater. The purged water was stored on site in a plastic storage tank. The monitoring data are shown in Table 1.

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

DEPTH TO GROUNDWATER AND FLOW DIRECTION

The depth to groundwater on October 15 ranged between 6.5 feet and 8.2 feet below grade. This is an average of about 1 foot shallower than in the first quarter, when the wells were last monitored. Converting the data to surface elevation indicates that the water table continued to slope southward, with a hydraulic gradient of approximately 0.04 ft/ft (Figure 2). This is a steep gradient that would probably cause relatively rapid groundwater flow to the south.

ANALYTICAL RESULTS

The laboratory results are summarized in Table 1 (Appendix "A"), and the laboratory report is contained in Appendix "E".

The TPHg concentrations remained below the detection limit in STMW-1, STMW-2, and STMW-3. In STMW-4 and STMW-5, the concentration was 510 and 270 µg/L (parts per billion), respectively. Both of these values are less than 50% of the concentration in February 2007. The TPHd concentration was below the detection limit in all five wells. The TPHg concentration is contoured in Figure 3.

All four of the volatile aromatic compounds were detected in STMW-4, but except for Benzene in STMW-5, all were below the detection limit in the other wells. The isocontour map for Benzene (Figure 4) shows that it has essentially the same shape and distribution as TPHg.

STMW-1 is still the only well in which Methyl tertiary butyl ether (MTBE) is present above the standard detection limit, although the concentration is very low (4.1 ppb). Figure 5 shows that MTBE is likely to be present only in the vicinity of STMW-1. The distribution of MTBE appears to be somewhat different from TPHg and Benzene, but the reason for this is presently unknown.

RECOMMENDATIONS

In our report for the first quarter of 2007, we hypothesized that “Due to the pattern of declining concentrations between May 2005 and February 2007, groundwater contamination at this site may be undergoing natural attenuation.” We recommended that the monitoring frequency be increased to quarterly, but received no reply to this recommendation and did not monitor in the second or third quarters. Our hypothesis still appears to have validity, because the concentration of all analytes was lower in the fourth quarter. Therefore, we recommend continued monitoring to determine whether this pattern of decline continues into 2008.

It is our understanding that Mr. Hemmat is eager to restore the site and mitigate the contamination. However, the southern (downgradient) and western limits of groundwater contamination are not fully delineated by the present grid of monitoring wells, which is normally required by regulatory agencies prior to approving a final Corrective Action Plan. Therefore, in anticipation that ACHCSA-EHS may request further investigation, we recommend starting an interim groundwater remediation program to retard or prevent migration of dissolved hydrocarbons away from the property. Due to the relatively minor extent and low concentrations of hydrocarbons, this effort can be limited in scope and may yield positive results quickly.

We propose to utilize conventional pump-and-treat technology to lower the water table, create a cone of depression to provide hydraulic control of the plume, and remove hydrocarbons. Three extraction wells, situated along the western and southern boundaries of the property, should be adequate to achieve this (Figure 6). Extracted water would be treated using granulated activated carbon or other approved method and the treated water would be discharged to the sanitary sewer. If this proposal is acceptable, we will prepare a work plan detailing the proposed interim remedial action and any additional work required by ACHCSA-EHS during the first quarter of 2008.

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

LIMITATIONS

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

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

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

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

A P P E N D I X "A"

TABLES

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 By 82060B
5/19/05a	STMW-1 (41.92)*	20	5-20	6.68K	35.24	No sheen or odor	220	ND <50b	11	18	3.1	20	ND <1	NA	NA	NA	Not Analyzed
4/06/06				4.16*	37.76	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	1.7	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/05/07				8.38K	33.54	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	5.4	ND <0.5	ND <10	ND <0.5	None Detected<0.5
10/15/07				6.44K	35.48	No sheen or odor	ND <50	ND <52	ND <0.5	ND <0.5	ND <0.5	ND <0.5	4.1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/19/05a	STMW-2 (41.74)*	20	5.20	7.32K	34.42	No sheen or odor	170	ND <50b	11	18	3.5	21	ND <1	NA	NA	NA	Not Analyzed
4/06/06				4.36*	37.38	Rainbow sheen No odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/05/07				8.06K	33.68	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
10/15/07				7.23K	34.51	No sheen or odor	ND <50	ND <58	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/19/05a	STMW-3 (42.01)*	20	5-20	8.26K	33.75	No sheen or odor	470	ND <50b	13	18	4.9	22	ND <1	NA	NA	NA	Not Analyzed
4/06/06				6.02K	35.99	Rainbow sheen No odor	2200	ND <50c	ND <0.5	ND <0.5	ND <0.5	ND <0.5	1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/05/07				9.32K	32.69	No sheen or odor	ND <50	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
10/15/07				8.20K	33.81	No sheen or odor	ND <50	ND <55	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/19/05a	STMW-4 (42.48)*	20	5-20	8.10K	34.38	Rainbow sheen Light petroleum odor	2700	ND <500b	3.2	ND <1	1.6	5	ND <2	ND <1	ND <20	ND <1	Isopropylbenzene 36 n-Propylbenzene 30
4/06/06				6.32K	36.16	Rainbow sheen Petroleum odor	1800	ND <50c	1.5	1.4	1.1	3.5	ND <2	ND <1	ND <20	ND <1	Isopropylbenzene 41 n-Propylbenzene 23
2/05/07				9.24K	33.24	Rainbow sheen Petroleum odor	2500	ND <50d	5	ND <1	1.5	3.5	ND <2	ND <1	ND <20	ND <1	Isopropylbenzene 45 n-Propylbenzene 28
10/15/07				8.06K	34.42	No sheen or odor	510	ND <50e	1.5	0.53	0.54	1.3	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 19 n-Propylbenzene 9.5

**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 By 82060B
5/19/05a	STMW-5 (40.84)*	20	5-20	6.58κ	34.26	Light rainbow sheen No odor	1500	ND <50 ^b	16	ND <0.5	0.52	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 13
4/06/06				4.74*	36.10	Rainbow sheen No odor	640	ND <50 ^c	15	ND <0.5	0.91	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 7.1
2/05/07				7.96κ	32.88	No sheen or odor	600	ND <50 ^d	4.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 8.4
10/15/07				6.72κ	34.12	No sheen or odor	270	ND <50 ^e	0.83	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5

TPHg - Total Petroleum Hydrocarbons as gasoline

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes

PCE - Tetrachloroethene

TCE - Trichloroethene

GW Elev. - Groundwater Elevation

NA - Not Analyzed

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

★ Well screens are submerged

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

^b Higher boiling gasoline compounds in the diesel range

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

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

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

TPHd - Total Petroleum Hydrocarbons as diesel

MTBE - Methyl Tertiary Butyl Ether

TBA - tert-Butanol

VOCs - Volatile Organic Compounds

Perf. - Perforation

ND - Not Detected (Below Laboratory Reporting Limit)

κWell screens are not submerged

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	TPHd	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs By 82060B
10/15/07	STMW-1 (41.92)*	20	5-20	6.44κ	35.48	No sheen or odor	ND <50	ND <52	ND <0.5	ND <0.5	ND <0.5	ND <0.5	4.1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
10/15/07	STMW-2 (41.74)*	20	5-20	7.23κ	34.51	No sheen or odor	ND <50	ND <58	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
10/15/07	STMW-3 (42.01)*	20	5-20	8.20κ	33.81	No sheen or odor	ND <50	ND <55	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
10/15/07	STMW-4 (42.48)*	20	5-20	8.06κ	34.42	Rainbow sheen Petroleum odor	510	ND <50e	1.5	0.53	0.54	1.3	ND <1	ND <0.5	ND <10	ND <0.5	Isopropylbenzene 19 n-Propylbenzene 9.5
10/15/07	STMW-5 (40.84)*	20	5-20	6.72κ	34.12	No sheen or odor	270	ND <50e	0.83	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5

TPHg - Total Petroleum Hydrocarbons as gasoline

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes

PCE - Tetrachloroethene

TCE - Trichloroethene

GW Elev. - Groundwater Elevation

ND - Not Detected (Below Laboratory Reporting Limit)

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

★ Well screens are submerged

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

TPHd - Total Petroleum Hydrocarbons as diesel

MTBE - Methyl Tertiary Butyl Ether

TBA - tert-Butanol

VOCs - Volatile Organic Compounds

Perf. - Perforation

κWell screens are not submerged

**TABLE 3
SUMMARY OF MONITORING WELLS DATA
IN FEET**

Well No.	Well Diameter (inch)	Depth of Well	Depth of Perforation	Depth of Blank	Depth of Cement	Depth of Bentonite	Depth of Sand
STMW-1	2	20	5-20	0-5	0-3½	3½-4	4-20
STMW-2	2	20	5-20	0-5	0-3½	3½-4	4-20
STMW-3	2	20	5-20	0-5	0-3½	3½-4	4-20
STMW-4	2	20	5-20	0-5	0-3½	3½-4	4-20
STMW-5	2	20	5-20	0-5	0-3½	3½-4	4-20

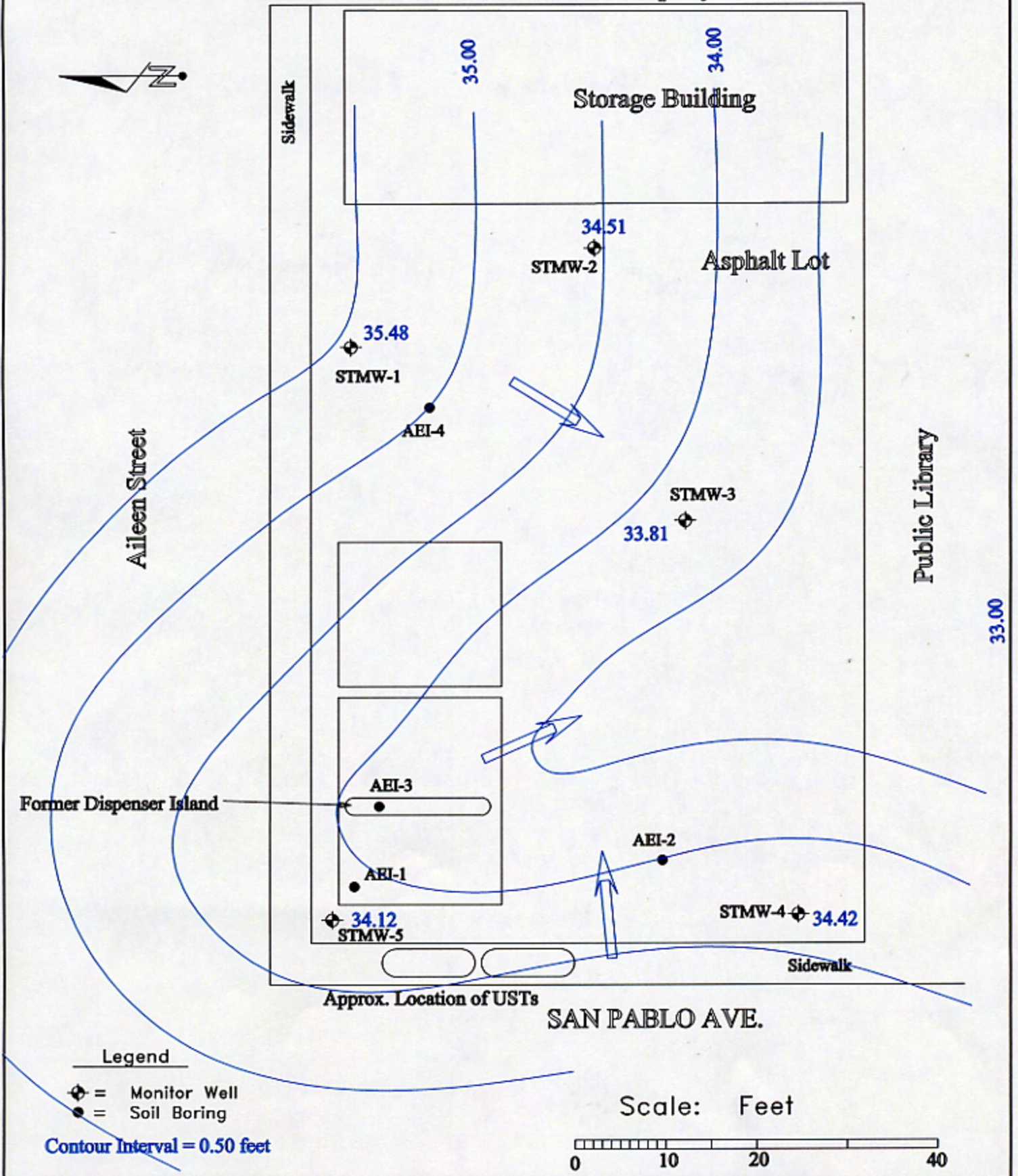
A P P E N D I X "B"

FIGURES

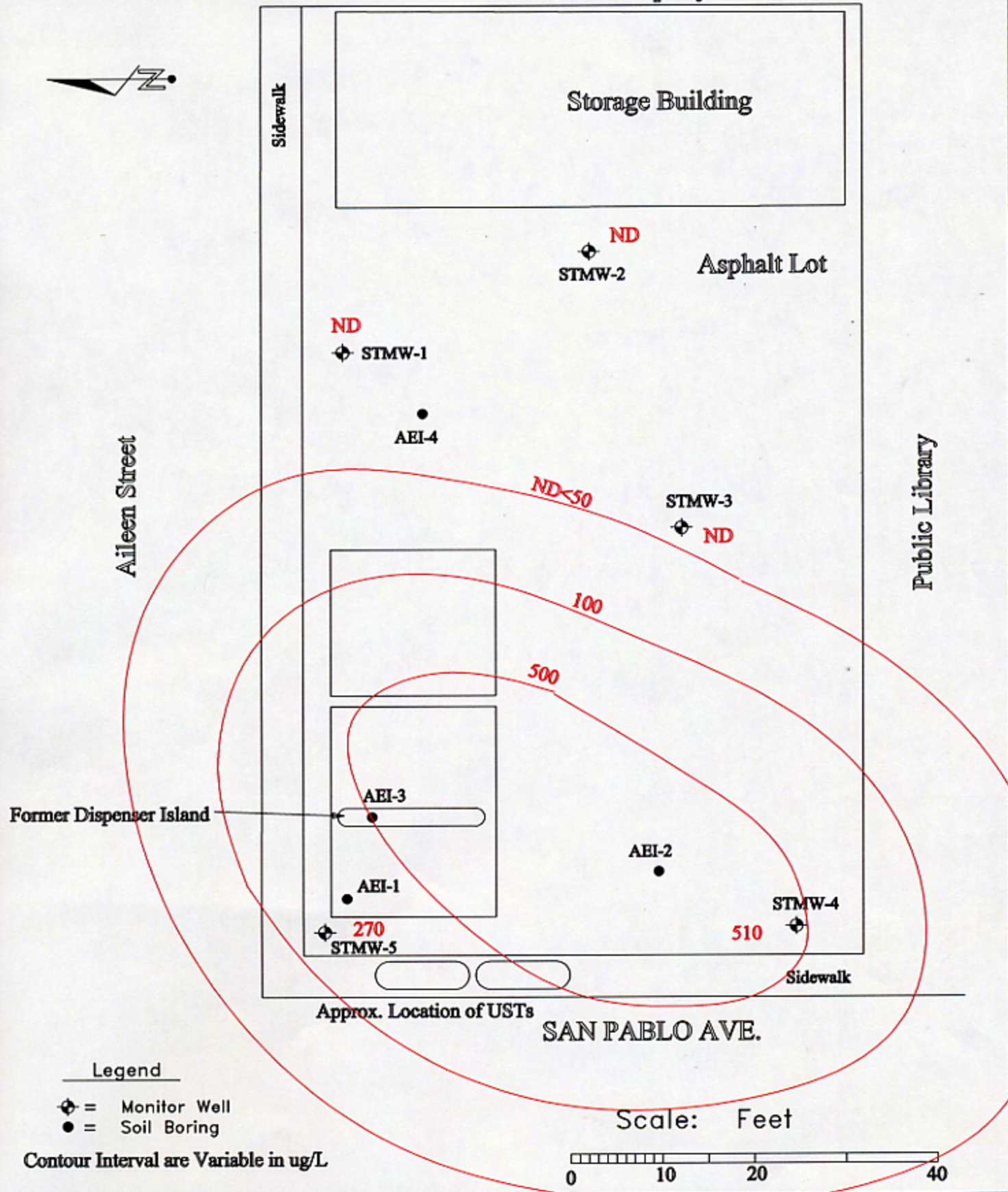


Figure 1

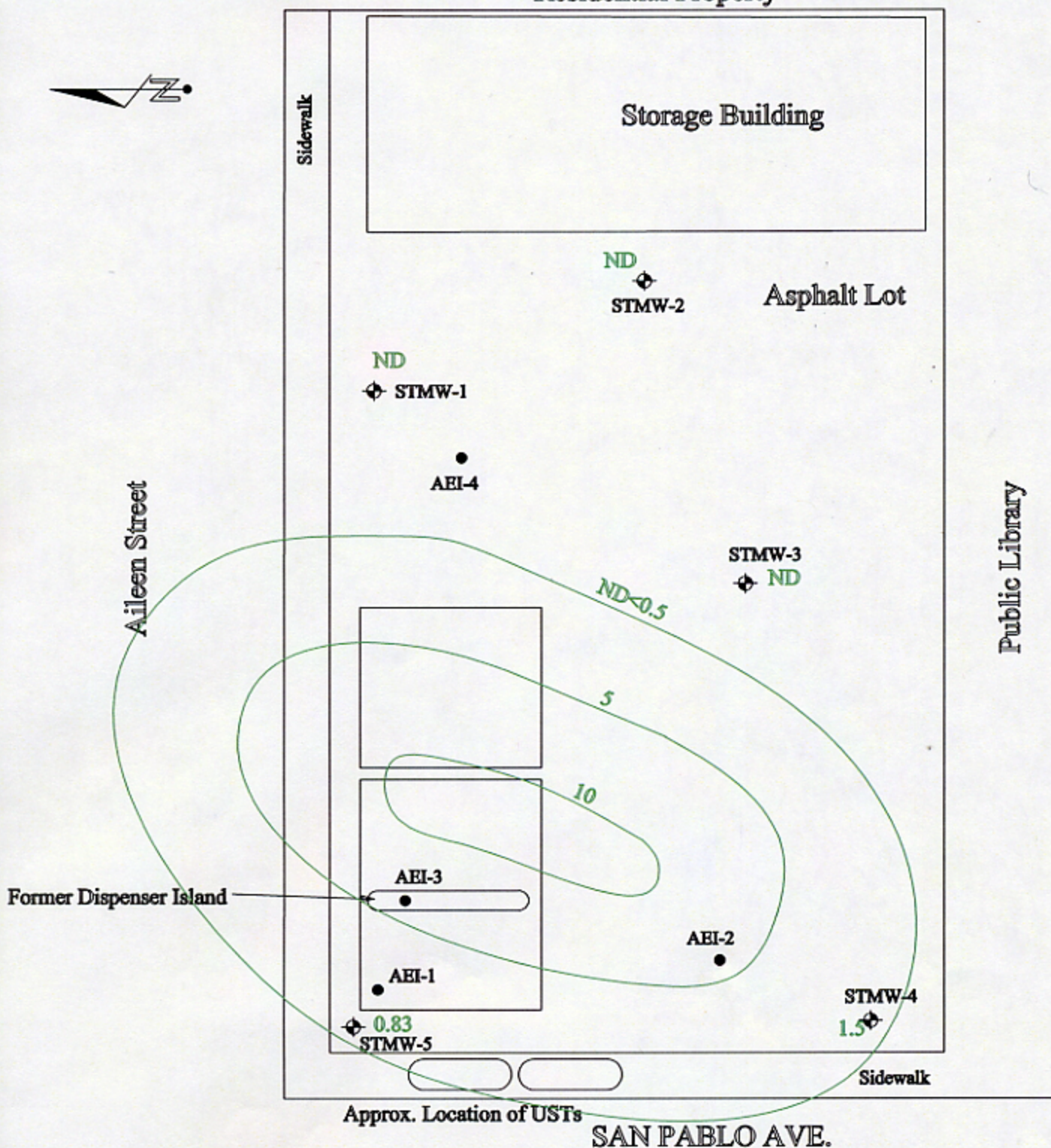
Residential Property



Residential Property



Residential Property

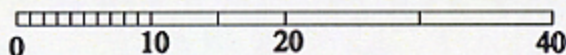


Legend

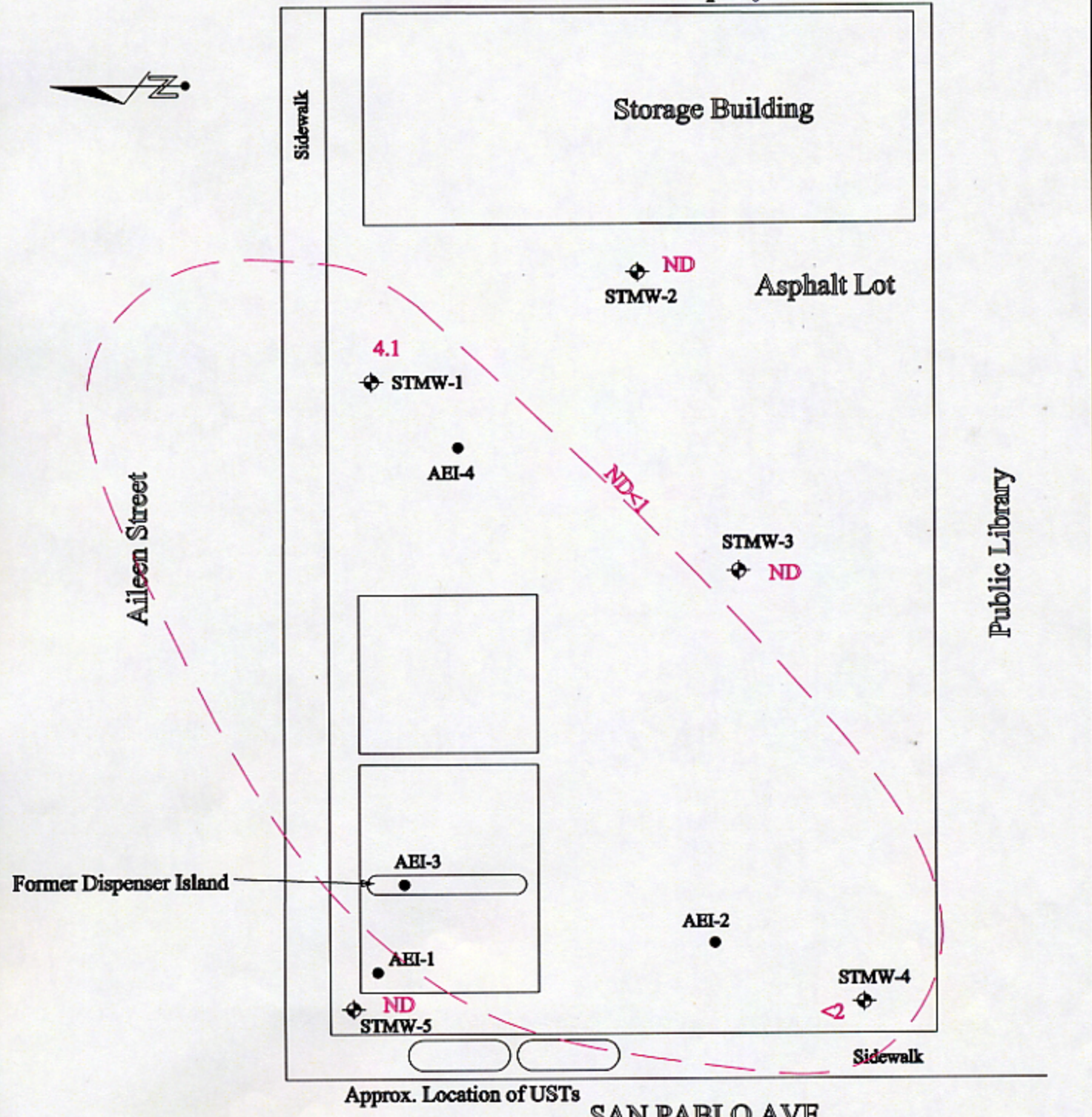
- ◆ = Monitor Well
- = Soil Boring

Contour Interval are Variable in ug/L

Scale: Feet



Residential Property



Aileen Street

Sidewalk

Storage Building

Asphalt Lot

Public Library

Former Dispenser Island

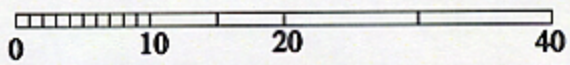
Approx. Location of USTs

SAN PABLO AVE.

Legend

- ◆ = Monitor Well
- = Soil Boring

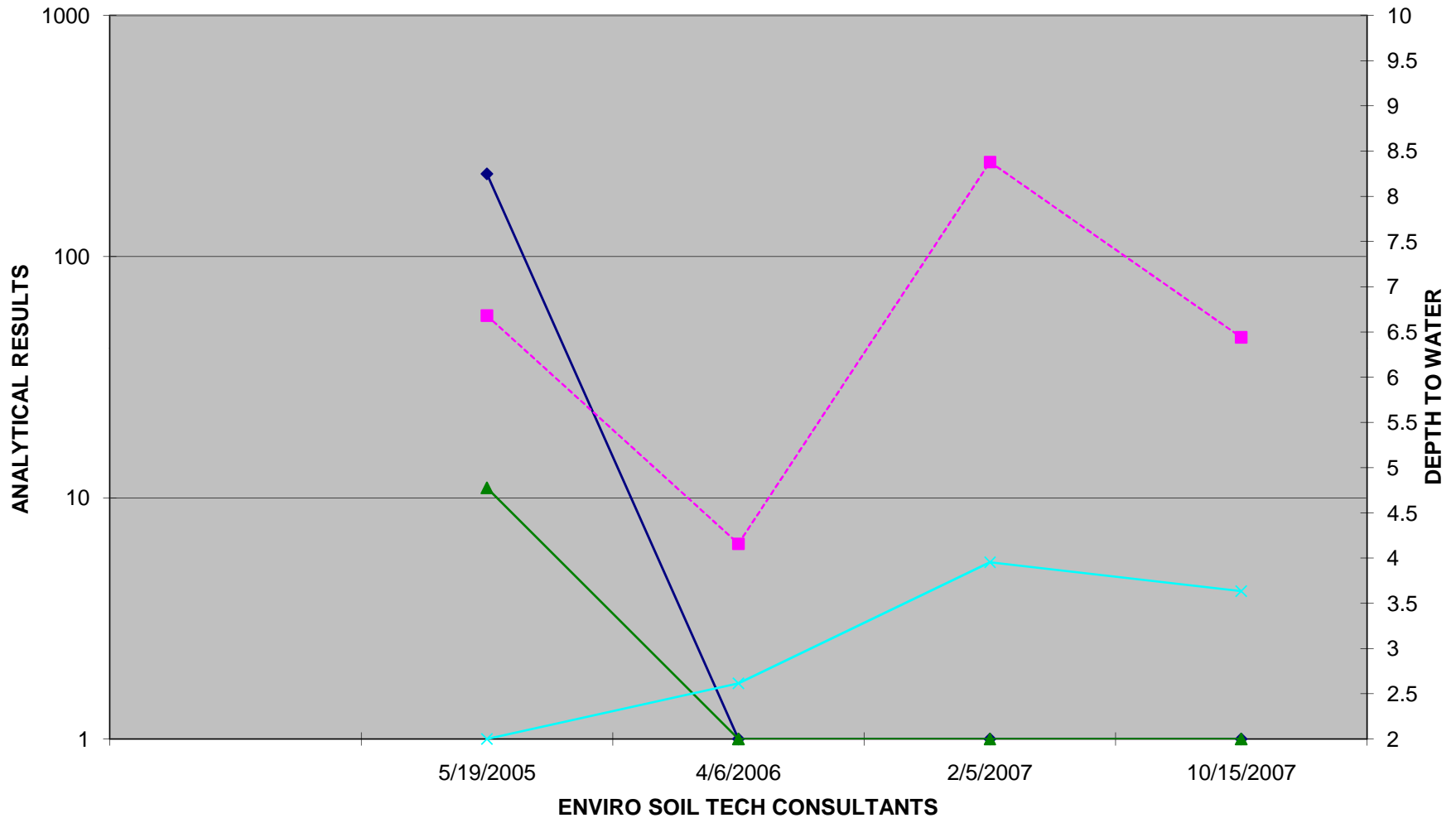
Scale: Feet



A P P E N D I X "C"

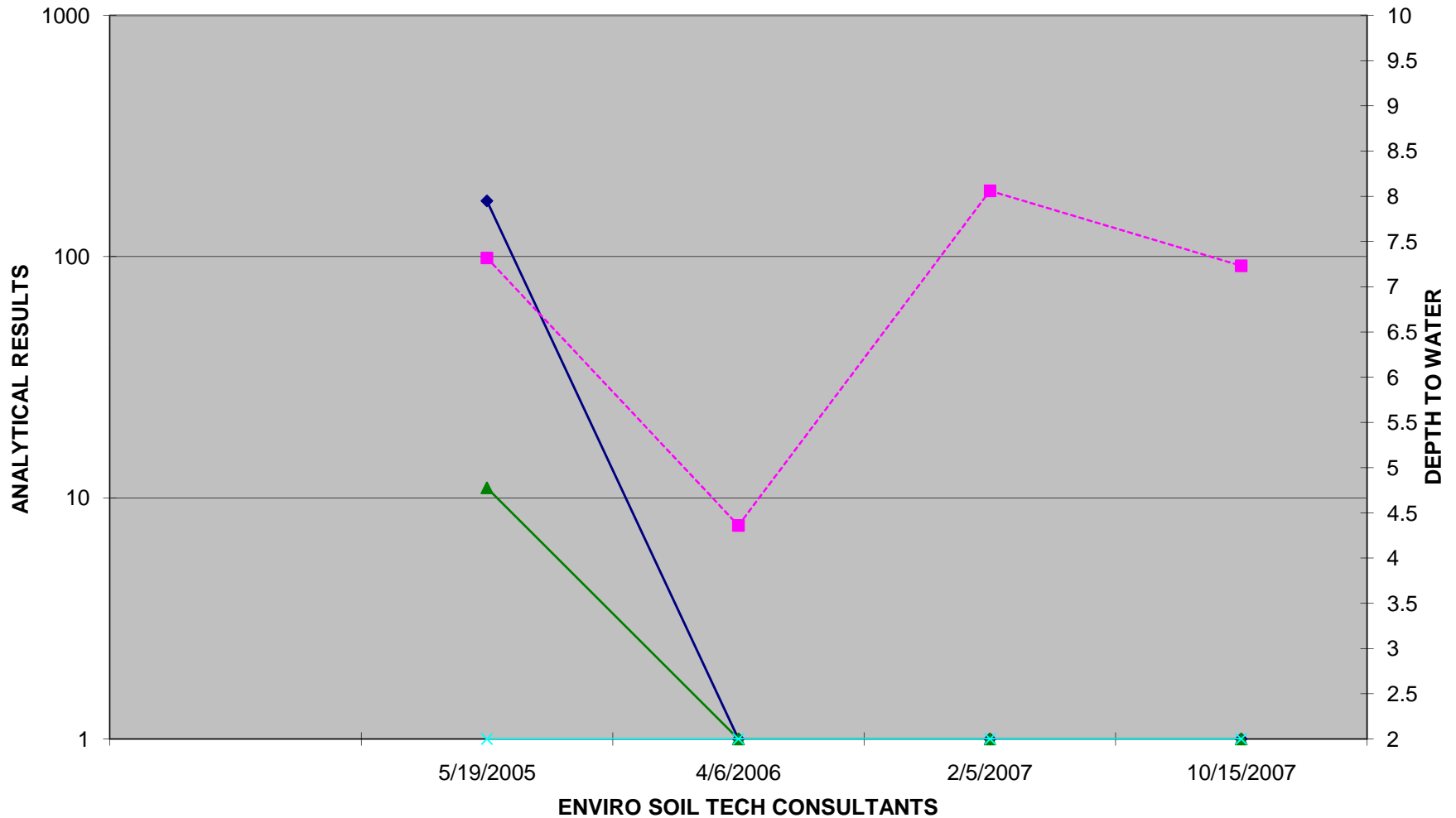
HYDROGRAPHS

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



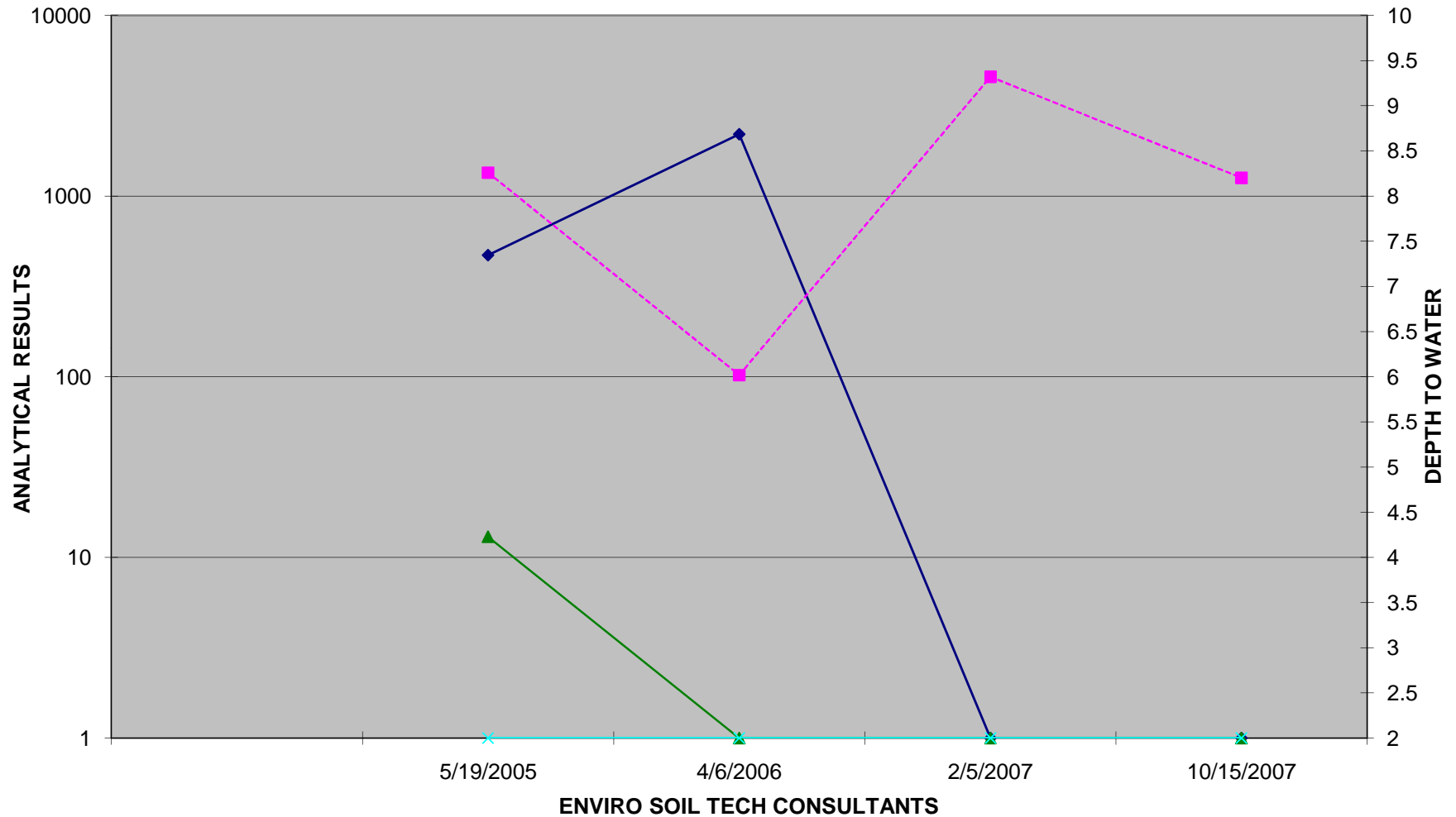
—◆— TPHg —▲— BENZENE —×— MTBE - - -■- - - DEPTH TO WATER

File No.: 12-04-770-GI
TPHg, BENZENE & MTBE RESULTS FOR STMW-2 ($\mu\text{g/L}$)
AND DEPTH TO WATER MEASUREMENT (feet)



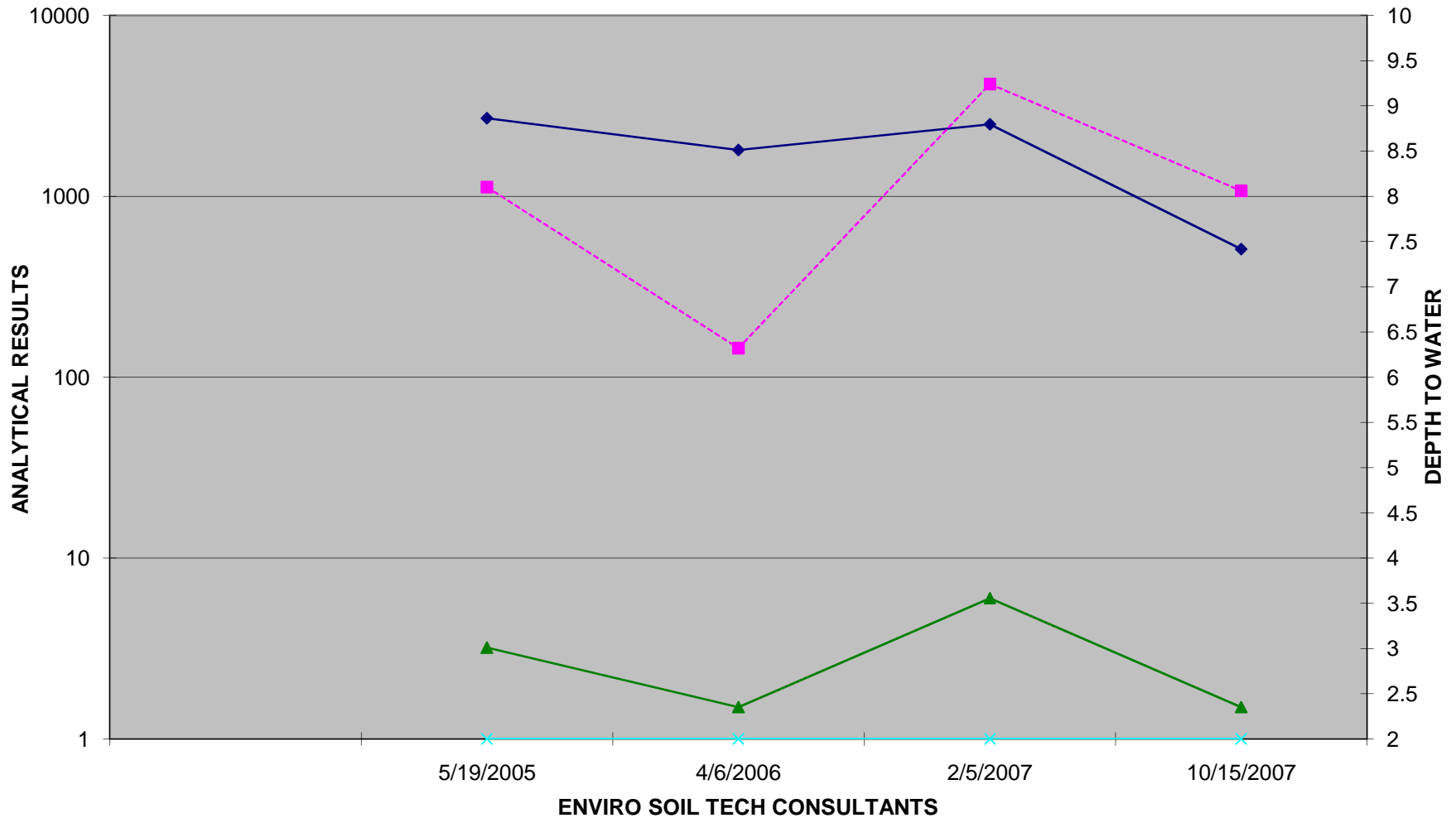
—◆— TPHg —▲— BENZENE —×— MTBE - - -■- - - DEPTH TO WATER

File No.: 12-04-770-GI
TPHg, BENZENE & MTBE RESULTS FOR STMW-3 ($\mu\text{g/L}$)
AND DEPTH TO WATER MEASUREMENT (feet)



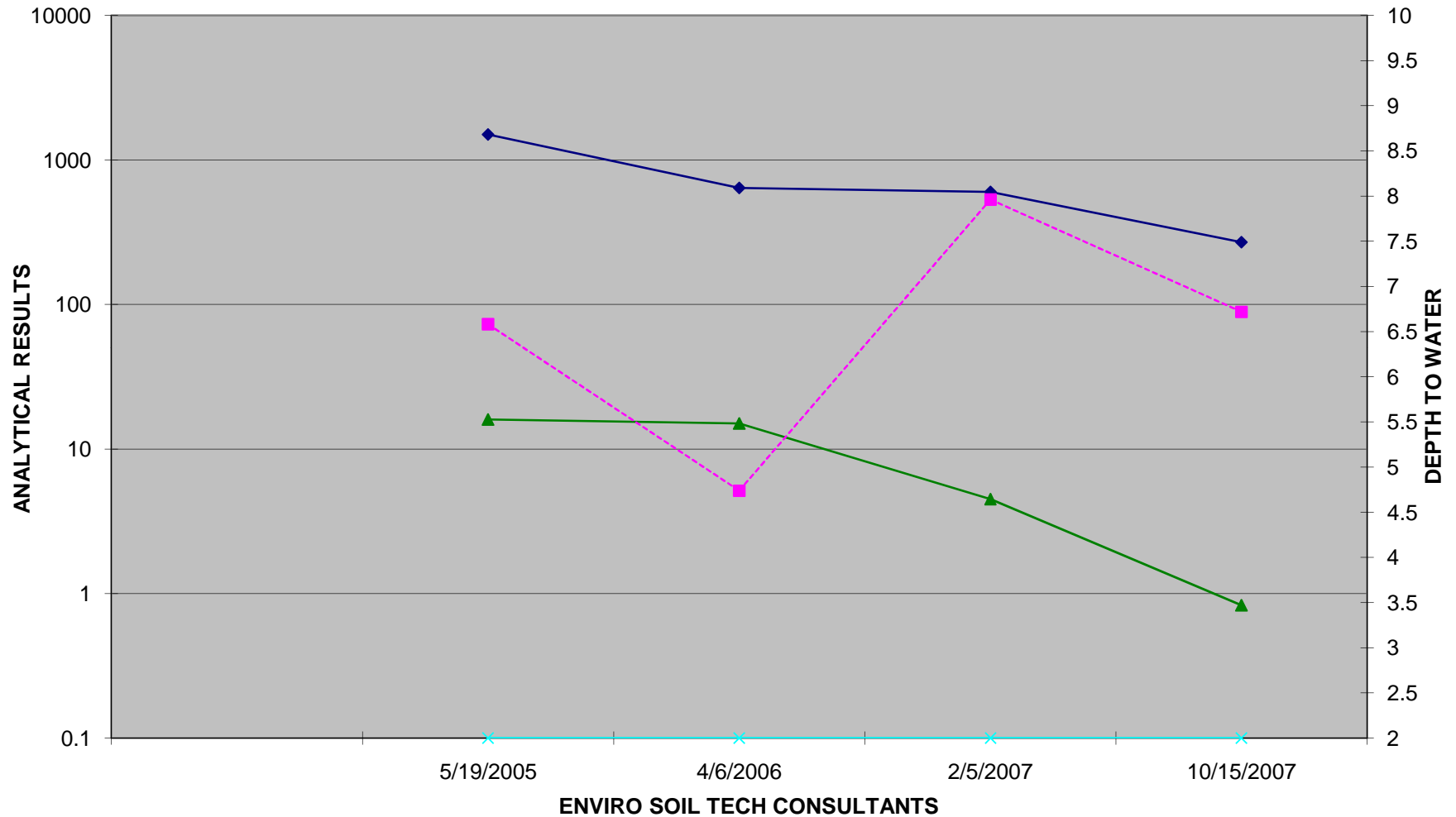
—◆— TPHg —▲— BENZENE —×— MTBE - - -■- - - DEPTH TO WATER

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



—◆— TPHg —▲— BENZENE —×— MTBE - - -■- - - DEPTH TO WATER

File No.: 12-04-770-GI
TPHg, BENZENE & MTBE RESULTS FOR STMW-5 ($\mu\text{g/L}$)
AND DEPTH TO WATER MEASUREMENT (feet)



—◆— TPHg —▲— BENZENE —×— MTBE - - -■- - DEPTH TO WATER

A P P E N D I X "D"

STANDARD OPERATION PROCEDURE

ENVIRO SOIL TECH CONSULTANTS

GROUNDWATER SAMPLING

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

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

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

A P P E N D I X "E"

LABORATORY REPORT

ENVIRO SOIL TECH CONSULTANTS

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

**Frank Hamedi
Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111**

Lab Certificate Number: 57718

Issued: 10/23/2007

**Project Number: 12-04-770GI
Project Location: 5630 San Pablo Ave., Oakland**

Global ID: T06019784055

Certificate of Analysis - Final Report

On October 16, 2007, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test / Comments</u>
Liquid	Electronic Deliverables for Geotracker VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater TPH-Purgeable - GC : EPA 5030B / EPA 8015B TPH-Extractable: EPA 3510C / EPA 8015B(M)

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
Subcontracted work is the responsibility of the subcontract laboratory, this includes turn-around-time and data quality.
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,



C. L. Thom
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-001 Sample ID: STMW-1

Matrix: Liquid Sample Date: 10/15/2007 1:01 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acetone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

10/23/2007 3:10:30 PM - eling

Entech Analytical Labs, Inc.

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-001 Sample ID: STMW-1

Matrix: Liquid Sample Date: 10/15/2007 1:01 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Methyl-t-butyl Ether	4.1		1.0	1.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	112	60 - 130
Dibromofluoromethane	95.7	60 - 130
Toluene-d8	105	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

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Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-001 Sample ID: STMW-1

Matrix: Liquid Sample Date: 10/15/2007 1:01 PM

TPH-Purgeable - GC : EPA 5030B / EPA 8015B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/L	N/A	N/A	10/19/2007	WGC071018

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99.0	65 - 135

Analyzed by: JAbidog

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	52	µg/L	10/18/2007	WD071018A	10/21/2007	WD071018A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	87.6	50 - 150

Analyzed by: JHsiang

Reviewed by: mtran

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131 Tully Road
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Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-002

Sample ID: STMW-2

Matrix: Liquid Sample Date: 10/15/2007 12:03 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acetone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

10/23/2007 3:10:31 PM - eling

Entech Analytical Labs, Inc.

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131 Tully Road
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Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-002

Sample ID: STMW-2

Matrix: Liquid Sample Date: 10/15/2007 12:03 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	114	60 - 130
Dibromofluoromethane	97.8	60 - 130
Toluene-d8	106	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

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Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-002 Sample ID: STMW-2 Matrix: Liquid Sample Date: 10/15/2007 12:03 PM

TPH-Purgeable - GC : EPA 5030B / EPA 8015B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/L	N/A	N/A	10/19/2007	WGC071018

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	103	65 - 135

Analyzed by: JAbidog

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.2	58	µg/L	10/18/2007	WD071018A	10/21/2007	WD071018A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	92.8	50 - 150

Analyzed by: JHsiang

Reviewed by: mtran

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Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-003

Sample ID: STMW-3

Matrix: Liquid Sample Date: 10/15/2007 11:00 AM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acetone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

10/23/2007 3:10:31 PM - eling

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Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-003

Sample ID: STMW-3

Matrix: Liquid Sample Date: 10/15/2007 11:00 AM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	114	60 - 130
Dibromofluoromethane	99.5	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

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Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-003 Sample ID: STMW-3 Matrix: Liquid Sample Date: 10/15/2007 11:00 AM

TPH-Purgeable - GC : EPA 5030B / EPA 8015B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/L	N/A	N/A	10/19/2007	WGC071018
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: JAbidog	
4-Bromofluorobenzene	103		65	- 135				Reviewed by: MaiChiTu	

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.1	55	µg/L	10/18/2007	WD071018A	10/22/2007	WD071018A
Surrogate	Surrogate Recovery		Control Limits (%)					Analyzed by: JHsiang	
n-Hexacosane	99.9		50	- 150				Reviewed by: mtran	

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Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-004

Sample ID: STMW-4

Matrix: Liquid Sample Date: 10/15/2007 10:02 AM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	10/22/2007	WM1A071022A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	10/22/2007	WM1A071022A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Acetone	ND		1.0	20	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Benzene	1.5		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

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Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-004

Sample ID: STMW-4

Matrix: Liquid Sample Date: 10/15/2007 10:02 AM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Ethyl Benzene	0.54		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Isopropylbenzene	19		1.0	1.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	10/22/2007	WM1A071022A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
n-Propylbenzene	9.5		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	10/22/2007	WM1A071022A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Toluene	0.53		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A
Xylenes, Total	1.3		1.0	0.50	µg/L	N/A	N/A	10/22/2007	WM1A071022A

Surrogate Surrogate Recovery Control Limits (%)

4-Bromofluorobenzene 190 *** 60 - 130

*** Surrogate % recovery was outside the control limit due to matrix interference.

Dibromofluoromethane 96.2 60 - 130

Toluene-d8 109 60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

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131 Tully Road
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Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-004 Sample ID: STMW-4

Matrix: Liquid Sample Date: 10/15/2007 10:02 AM

TPH-Purgeable - GC : EPA 5030B / EPA 8015B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	510		2.0	100	µg/L	N/A	N/A	10/19/2007	WGC071019
Atypical pattern.									

Surrogate	Surrogate Recovery	Control Limits (%)
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4-Bromofluorobenzene	992 ***	65 - 135
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*** Surrogate % recovery was outside the control limit due to matrix interference.

Analyzed by: JAbidog

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		0.99	50	µg/L	10/18/2007	WD071018A	10/22/2007	WD071018A
560 µg/L higher boiling gasoline compounds (C9-C16). No Diesel pattern.									

Surrogate	Surrogate Recovery	Control Limits (%)
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n-Hexacosane	81.6	50 - 150
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Analyzed by: JHsiang

Reviewed by: mtran

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Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-005

Sample ID: STMW-5

Matrix: Liquid Sample Date: 10/15/2007 9:05 AM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acetone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Benzene	0.83		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

Qual = Data Qualifier

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Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-005

Sample ID: STMW-5

Matrix: Liquid Sample Date: 10/15/2007 9:05 AM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	10/18/2007	WM1A071018A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	118	60 - 130
Dibromofluoromethane	96.7	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 12-04-770GI

Project Location: 5630 San Pablo Ave., Oakland
GlobalID: T06019784055

Certificate of Analysis - Data Report

Samples Received: 10/16/2007

Sample Collected by: Client

Lab #: 57718-005

Sample ID: STMW-5

Matrix: Liquid Sample Date: 10/15/2007 9:05 AM

TPH-Purgeable - GC : EPA 5030B / EPA 8015B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	270		2.0	100	µg/L	N/A	N/A	10/19/2007	WGC071018

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	253 ***	65 - 135

*** Surrogate % recovery was outside the control limit due to matrix interference.

Analyzed by: JAbidog

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	50	µg/L	10/18/2007	WD071018A	10/21/2007	WD071018A

120 µg/L higher boiling gasoline compounds (C9-C16). No Diesel pattern.

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	101	50 - 150

Analyzed by: JHsiang

Reviewed by: mtran

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - TPH-Purgeable - GC : EPA 5030B / EPA 8015B

QC Batch ID: WGC071018

Validated by: MaiChiTu - 10/19/07

QC Batch Analysis Date: 10/18/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/L
Surrogate for Blank	% Recovery	Control Limits		
4-Bromofluorobenzene	97.8	65 - 135		

LCS / LCSD - Liquid - TPH-Purgeable - GC : EPA 5030B / EPA 8015B

QC Batch ID: WGC071018

Reviewed by: MaiChiTu - 10/19/07

QC Batch ID Analysis Date: 10/18/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	120	112	µg/L	89.6	65 - 135
Surrogate	% Recovery	Control Limits				
4-Bromofluorobenzene	114.0	65 - 135				

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	120	114	µg/L	91.2	1.8	25.0	65 - 135
Surrogate	% Recovery	Control Limits						
4-Bromofluorobenzene	116.0	65 - 135						

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Method Blank - Liquid - TPH-Purgeable - GC : EPA 5030B / EPA 8015B

QC Batch ID: WGC071019

Validated by: MaiChiTu - 10/22/07

QC Batch Analysis Date: 10/19/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/L
Surrogate for Blank	% Recovery	Control Limits		
4-Bromofluorobenzene	99.4	65 - 135		

LCS / LCSD - Liquid - TPH-Purgeable - GC : EPA 5030B / EPA 8015B

QC Batch ID: WGC071019

Reviewed by: MaiChiTu - 10/22/07

QC Batch ID Analysis Date: 10/19/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	120	112	µg/L	89.6	65 - 135
Surrogate	% Recovery	Control Limits				
4-Bromofluorobenzene	127.0	65 - 135				

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	120	117	µg/L	93.6	4.4	25.0	65 - 135
Surrogate	% Recovery	Control Limits						
4-Bromofluorobenzene	127.0	65 - 135						

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A071018A

Validated by: MaiChiTu - 10/19/07

QC Batch Analysis Date: 10/18/2007

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,1-Trichloroethane	ND	1	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,2-Trichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethene	ND	1	0.50	µg/L
1,1-Dichloropropene	ND	1	0.50	µg/L
1,2,3-Trichlorobenzene	ND	1	5.0	µg/L
1,2,3-Trichloropropane	ND	1	5.0	µg/L
1,2,4-Trichlorobenzene	ND	1	5.0	µg/L
1,2,4-Trimethylbenzene	ND	1	5.0	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5.0	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichlorobenzene	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
1,2-Dichloropropane	ND	1	0.50	µg/L
1,3,5-Trimethylbenzene	ND	1	5.0	µg/L
1,3-Dichlorobenzene	ND	1	0.50	µg/L
1,3-Dichloropropane	ND	1	0.50	µg/L
1,4-Dichlorobenzene	ND	1	0.50	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.50	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5.0	µg/L
2-Chlorotoluene	ND	1	5.0	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5.0	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5.0	µg/L
Acrolein	ND	1	5.0	µg/L
Acrylonitrile	ND	1	5.0	µg/L
Benzene	ND	1	0.50	µg/L
Benzyl Chloride	ND	1	5.0	µg/L
Bromobenzene	ND	1	0.50	µg/L
Bromochloromethane	ND	1	0.50	µg/L
Bromodichloromethane	ND	1	0.50	µg/L
Bromoform	ND	1	0.50	µg/L
Bromomethane	ND	1	0.50	µg/L
Carbon Disulfide	ND	1	0.50	µg/L
Carbon Tetrachloride	ND	1	0.50	µg/L
Chlorobenzene	ND	1	0.50	µg/L
Chloroethane	ND	1	0.50	µg/L
Chloroform	ND	1	0.50	µg/L
Chloromethane	ND	1	0.50	µg/L
cis-1,2-Dichloroethene	ND	1	0.50	µg/L
cis-1,3-Dichloropropene	ND	1	0.50	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.50	µg/L
Dibromomethane	ND	1	0.50	µg/L

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A071018A

Validated by: MaiChiTu - 10/19/07

QC Batch Analysis Date: 10/18/2007

Parameter	Result	DF	PQLR	Units
Dichlorodifluoromethane	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Freon 113	ND	1	5.0	µg/L
Hexachlorobutadiene	ND	1	5.0	µg/L
Iodomethane	ND	1	5.0	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1.0	µg/L
Methylene Chloride	ND	1	20	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Naphthalene	ND	1	5.0	µg/L
n-Butylbenzene	ND	1	5.0	µg/L
n-Propylbenzene	ND	1	5.0	µg/L
Pentachloroethane	ND	1	0.50	µg/L
p-Isopropyltoluene	ND	1	5.0	µg/L
sec-Butylbenzene	ND	1	5.0	µg/L
Styrene	ND	1	0.50	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
tert-Butylbenzene	ND	1	5.0	µg/L
Tetrachloroethene	ND	1	0.50	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.50	µg/L
trans-1,2-Dichloroethene	ND	1	0.50	µg/L
trans-1,3-Dichloropropene	ND	1	0.50	µg/L
trans-1,4-Dichloro-2-butene	ND	1	5.0	µg/L
Trichloroethene	ND	1	0.50	µg/L
Trichlorofluoromethane	ND	1	0.50	µg/L
Vinyl Acetate	ND	1	5.0	µg/L
Vinyl Chloride	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L
Surrogate for Blank	% Recovery	Control Limits		
4-Bromofluorobenzene	112	60 - 130		
Dibromofluoromethane	93.8	60 - 130		
Toluene-d8	107	60 - 130		

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A071018A

Reviewed by: MaiChiTu - 10/19/07

QC Batch ID Analysis Date: 10/18/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	20.0	µg/L	100	70 - 130
Benzene	<0.50	20	21.8	µg/L	109	70 - 130
Chlorobenzene	<0.50	20	21.1	µg/L	106	70 - 130
Methyl-t-butyl Ether	<1.0	20	19.9	µg/L	99.5	70 - 130
Toluene	<0.50	20	20.4	µg/L	102	70 - 130
Trichloroethene	<0.50	20	21.1	µg/L	106	70 - 130

Surrogate

	% Recovery	Control Limits
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4-Bromofluorobenzene	115.0	60 - 130
Dibromofluoromethane	102.0	60 - 130
Toluene-d8	101.0	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.1	µg/L	90.5	10	25.0	70 - 130
Benzene	<0.50	20	20.1	µg/L	100	8.1	25.0	70 - 130
Chlorobenzene	<0.50	20	19.6	µg/L	98.0	7.4	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	19.9	µg/L	99.5	0.0	25.0	70 - 130
Toluene	<0.50	20	19.1	µg/L	95.5	6.6	25.0	70 - 130
Trichloroethene	<0.50	20	19.4	µg/L	97.0	8.4	25.0	70 - 130

Surrogate

	% Recovery	Control Limits
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4-Bromofluorobenzene	114.0	60 - 130
Dibromofluoromethane	100.0	60 - 130
Toluene-d8	101.0	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A071022A

Validated by: MaiChiTu - 10/23/07

QC Batch Analysis Date: 10/22/2007

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,1-Trichloroethane	ND	1	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,2-Trichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethene	ND	1	0.50	µg/L
1,1-Dichloropropene	ND	1	0.50	µg/L
1,2,3-Trichlorobenzene	ND	1	5.0	µg/L
1,2,3-Trichloropropane	ND	1	5.0	µg/L
1,2,4-Trichlorobenzene	ND	1	5.0	µg/L
1,2,4-Trimethylbenzene	ND	1	5.0	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5.0	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichlorobenzene	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
1,2-Dichloropropane	ND	1	0.50	µg/L
1,3,5-Trimethylbenzene	ND	1	5.0	µg/L
1,3-Dichlorobenzene	ND	1	0.50	µg/L
1,3-Dichloropropane	ND	1	0.50	µg/L
1,4-Dichlorobenzene	ND	1	0.50	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.50	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5.0	µg/L
2-Chlorotoluene	ND	1	5.0	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5.0	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5.0	µg/L
Acrolein	ND	1	5.0	µg/L
Acrylonitrile	ND	1	5.0	µg/L
Benzene	ND	1	0.50	µg/L
Benzyl Chloride	ND	1	5.0	µg/L
Bromobenzene	ND	1	0.50	µg/L
Bromochloromethane	ND	1	0.50	µg/L
Bromodichloromethane	ND	1	0.50	µg/L
Bromoform	ND	1	0.50	µg/L
Bromomethane	ND	1	0.50	µg/L
Carbon Disulfide	ND	1	0.50	µg/L
Carbon Tetrachloride	ND	1	0.50	µg/L
Chlorobenzene	ND	1	0.50	µg/L
Chloroethane	ND	1	0.50	µg/L
Chloroform	ND	1	0.50	µg/L
Chloromethane	ND	1	0.50	µg/L
cis-1,2-Dichloroethene	ND	1	0.50	µg/L
cis-1,3-Dichloropropene	ND	1	0.50	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.50	µg/L
Dibromomethane	ND	1	0.50	µg/L

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A071022A

Validated by: MaiChiTu - 10/23/07

QC Batch Analysis Date: 10/22/2007

Parameter	Result	DF	PQLR	Units
Dichlorodifluoromethane	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Freon 113	ND	1	5.0	µg/L
Hexachlorobutadiene	ND	1	5.0	µg/L
Iodomethane	ND	1	5.0	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1.0	µg/L
Methylene Chloride	ND	1	20	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Naphthalene	ND	1	5.0	µg/L
n-Butylbenzene	ND	1	5.0	µg/L
n-Propylbenzene	ND	1	5.0	µg/L
Pentachloroethane	ND	1	0.50	µg/L
p-Isopropyltoluene	ND	1	5.0	µg/L
sec-Butylbenzene	ND	1	5.0	µg/L
Styrene	ND	1	0.50	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
tert-Butylbenzene	ND	1	5.0	µg/L
Tetrachloroethene	ND	1	0.50	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.50	µg/L
trans-1,2-Dichloroethene	ND	1	0.50	µg/L
trans-1,3-Dichloropropene	ND	1	0.50	µg/L
trans-1,4-Dichloro-2-butene	ND	1	5.0	µg/L
Trichloroethene	ND	1	0.50	µg/L
Trichlorofluoromethane	ND	1	0.50	µg/L
Vinyl Acetate	ND	1	5.0	µg/L
Vinyl Chloride	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	109	60 - 130
Dibromofluoromethane	87.8	60 - 130
Toluene-d8	104	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A071022A

Reviewed by: MaiChiTu - 10/23/07

QC Batch ID Analysis Date: 10/22/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	20.4	µg/L	102	70 - 130
Benzene	<0.50	20	20.8	µg/L	104	70 - 130
Chlorobenzene	<0.50	20	20.4	µg/L	102	70 - 130
Methyl-t-butyl Ether	<1.0	20	16.4	µg/L	82.0	70 - 130
Toluene	<0.50	20	19.5	µg/L	97.5	70 - 130
Trichloroethene	<0.50	20	20.4	µg/L	102	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	117.0	60 - 130
Dibromofluoromethane	96.8	60 - 130
Toluene-d8	98.8	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	16.7	µg/L	83.5	20	25.0	70 - 130
Benzene	<0.50	20	18.4	µg/L	92.0	12	25.0	70 - 130
Chlorobenzene	<0.50	20	18.9	µg/L	94.5	7.6	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	16.0	µg/L	80.0	2.5	25.0	70 - 130
Toluene	<0.50	20	18.2	µg/L	91.0	6.9	25.0	70 - 130
Trichloroethene	<0.50	20	18.6	µg/L	93.0	9.2	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	108.0	60 - 130
Dibromofluoromethane	90.4	60 - 130
Toluene-d8	103.0	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B(M)

QC/Prep Batch ID: WD071018A

Validated by: mtran - 10/19/07

QC/Prep Date: 10/18/2007

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	50	µg/L
Surrogate for Blank	% Recovery	Control Limits		
n-Hexacosane	89.7	50 - 150		

LCS / LCSD - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B(M)

QC Batch ID: WD071018A

Reviewed by: mtran - 10/19/07

QC/Prep Date: 10/18/2007

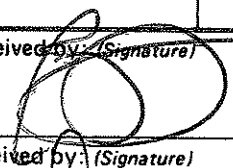
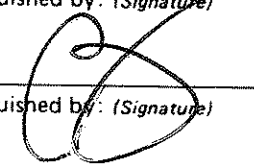
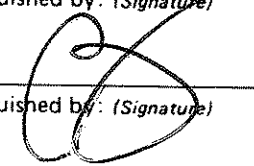
LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	858	µg/L	85.8	45 - 140
TPH as Motor Oil	<200	1000	811	µg/L	81.1	45 - 140
Surrogate	% Recovery	Control Limits				
n-Hexacosane	85.0	50 - 150				

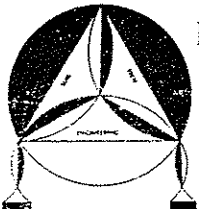
LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	879	µg/L	87.9	2.5	25.0	45 - 140
TPH as Motor Oil	<200	1000	853	µg/L	85.3	5.1	25.0	45 - 140
Surrogate	% Recovery	Control Limits						
n-Hexacosane	85.0	50 - 150						

CHAIN OF CUSTODY RECORD

PROJ. NO. 12-04-77061		NAME 5630 San Pablo Ave., Oakland					CON-TAINER	ANALYSES REQUESTED @ IPHA by 8015MDA IPHA by 8015MDA EPA LABOR*	57718			
SAMPLERS: (Signature) Ruth Menden									REMARKS			
NO.	DATE	TIME	SOIL	WATER	LOCATION							
1	10/15/07	13 ⁰¹		✓	STMW-1	001	6	✓	✓	EDF # T06019784055		
2	↓	12 ⁰³		✓	STMW-2	002	6	✓	✓			
3	↓	11 ⁰⁰		✓	STMW-3	003	6	✓	✓			
4	↓	10 ⁰²		✓	STMW-4	004	6	✓	✓	*Full		
5	↓	9 ⁰⁵		✓	STMW-5	005	6	✓	✓			
				✓						*All vials are HCL preserved*		
										Note: Please label the field points according to the Chain.		
Relinquished by: (Signature) Ruth Menden							Date / Time 10/16/07 1425	Received by: (Signature) 		Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature) 							Date / Time 10/16/07 1600	Received by: (Signature) Channa		Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature) 							Date / Time	Received for Laboratory by: (Signature)		Date / Time	Remarks Please send lab report to Frank Hamedi	

Rec'd 10/16/07
25 VIALS w/ HCL
w/ 91° Temp

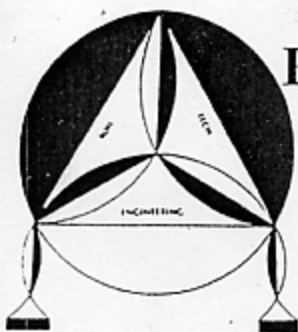


ENVIRO SOIL TECH CONSULTANTS

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

A P P E N D I X "F"

FIELD NOTES



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Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 12-04-770-61

WELL NO.: SPW-1

DATE: 10-15-07

SAMPLER: Drifted monkey

DEPTH TO WELL: _____

1 WELL VOLUME: 2.2

DEPTH TO WATER: 6^{ft} .44

5 WELL VOLUME: 11

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: 2" 4"

CALCULATIONS:

2" - x 0.1632 13.56

4" - 0.653 _____

PURGE METHOD: BAILER DISPLACEMENT PUMP OTHER

SAMPLE METHOD: BAILER OTHER

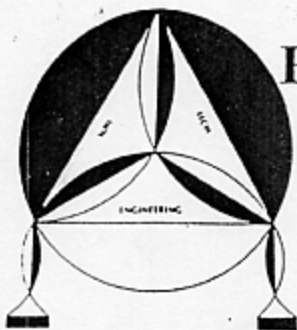
SHEEN: NO YES, DESCRIBE: _____

ODOR: NO YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	3 GAL	6.66	20.9	425
	6 GAL	6.63	20.8	468
	9 GAL	6.67	20.3	453

7^{ft} 112



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Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 12-04-770-61

WELL NO.: Sjmu-2

DATE: 10-15-07

SAMPLER: Drithel Manly

DEPTH TO WELL: _____

1 WELL VOLUME: 2.1

DEPTH TO WATER: 7^{ft} .23

5 WELL VOLUME: 10.5

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2"

_____ 4"

CALCULATIONS:

2" - x 0.1632

12.77

4" - 0.653

PURGE METHOD: _____ BAILER DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: BAILER _____ OTHER

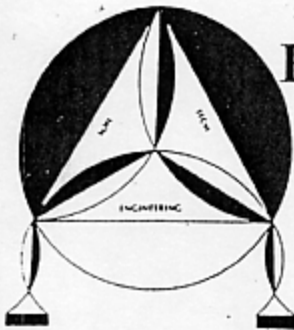
SHEEN: NO _____ YES, DESCRIBE: _____

ODOR: NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
_____	<u>3 gmc</u>	<u>6.68</u>	<u>19.8</u>	<u>373</u>
_____	<u>6 gmc</u>	<u>6.66</u>	<u>19.6</u>	<u>398</u>
_____	<u>9 gmc</u>	<u>6.62</u>	<u>19.5</u>	<u>405</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

8 AM
.10



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Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 12-04-770-G1

WELL NO.: 57mu-3

DATE: 10-15-07

SAMPLER: Barthel Mundy

DEPTH TO WELL: _____

1 WELL VOLUME: 1.9

DEPTH TO WATER: 8' .20

5 WELL VOLUME: 9.5

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: 2" 4"

CALCULATIONS:

2" - x 0.1632 11.8

4" - 0.653 _____

PURGE METHOD: BAILER DISPLACEMENT PUMP OTHER

SAMPLE METHOD: BAILER OTHER

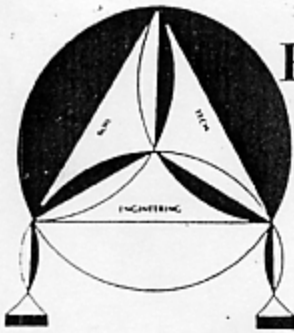
SHEEN: NO YES, DESCRIBE: _____

ODOR: NO YES, DESCRIBE: _____

FIELD MEASUREMENTS

<u>TIME</u>	<u>VOLUME</u>	<u>pH</u>	<u>TEMP.</u>	<u>E.C.</u>
_____	<u>3 GAL</u>	<u>6.78</u>	<u>19.1</u>	<u>4.08</u>
_____	<u>6 GAL</u>	<u>6.59</u>	<u>19.0</u>	<u>4.15</u>
_____	<u>9 GAL</u>	<u>6.63</u>	<u>18.8</u>	<u>4.16</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

9' .10



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Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 12-04-770-G1

WELL NO.: SJMU-4

DATE: 10-15-07

SAMPLER: Richard Manly

DEPTH TO WELL: _____

1 WELL VOLUME: 1.9

DEPTH TO WATER: 8^{ft} .06

5 WELL VOLUME: 9.5

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: _____ 2" _____

_____ 4" _____

CALCULATIONS:

2" - x 0.1632

11.94

4" - 0.653

PURGE METHOD: _____ BAILER DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: BAILER _____ OTHER

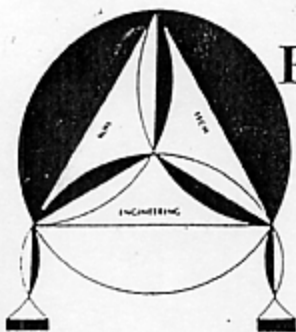
SHEEN: _____ NO YES, DESCRIBE: RAIN BOW

ODOR: _____ NO YES, DESCRIBE: PETRO

FIELD MEASUREMENTS

<u>TIME</u>	<u>VOLUME</u>	<u>pH</u>	<u>TEMP.</u>	<u>E.C.</u>
	<u>3 g AC</u>	<u>6.31</u>	<u>18.9</u>	<u>513</u>
	<u>6 g AC</u>	<u>6.20</u>	<u>18.8</u>	<u>597</u>
	<u>9 g AC</u>	<u>6.36</u>	<u>18.6</u>	<u>570</u>

9^{ft} .35



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Tel: (408) 297-1500

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FILE NO.: 12-04-770-61

DATE: 10-15-07

DEPTH TO WELL: _____

DEPTH TO WATER: 6^{ft}.72

HEIGHT OF WATER COLUMN: _____

WELL NO.: STMW-5

SAMPLER: Grind Manly

1 WELL VOLUME: 2.2

5 WELL VOLUME: 11

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 13.28

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

<u>TIME</u>	<u>VOLUME</u>	<u>pH</u>	<u>TEMP.</u>	<u>E.C.</u>
_____	<u>3 g AC</u>	<u>6.38</u>	<u>20.6</u>	<u>489</u>
_____	<u>6 g AC</u>	<u>6.32</u>	<u>20.4</u>	<u>505</u>
_____	<u>9 g AC</u>	<u>6.35</u>	<u>20.1</u>	<u>496</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

7^{ft}.44