SPRINGTOWN GAS
909 BLUEBELL DRIVE
LIVERMORE, CA 94551

January 7, 2008

Mr. Jerry Wickham
Hazardous Materials Specialist
ACHCSA-EHS
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

SUBJECT: GROUNDWATER MONITORING AND SAMPLING FOR THE PROPERTY
909 Bluebell Drive, Livermore, CA

Dear Mr. Wickham:

Enclosed, please find a copy of the January 2, 2008 subject 4th quarter 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,

MASOOD AMINI

File No. 10-93-567-ST

FOURTH QUARTER OF 2007 GROUNDWATE MONITORING AND SAMPLING AT THE PROPERTY LOCATED AT 909 BLUEBELL DRIVE LIVERMORE, CALIFORNIA JANUARY 2, 2008

PREPARED FOR:
MR. MASOOD AMINI FILABADI
SPRINGTOWN GAS
909 BLUEBELL DRIVE
LIVREMORE, CALIFORNIA 94551

BY:
ENVIRO SOIL TECH CONSULTATNS
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) 292-2116

January 2, 2008

File No. 10-93-567-ST

Mr. Masood Amini Filabadi
Springtown Gas
909 Bluebell Drive
Livermore, California 94551

SUBJECT: FOURTH QUARTER OF 2007 GROUNDWATER MONITORING AND SAMPLING AT THE PROPERTY
Located at 909 Bluebell Drive, in
Livermore, California

Dear Mr. Filabadi:

This report presents the results of field and laboratory activities performed by Enviro Soil Tech Consultants (ESTC) during the fourth quarter of 2007 for the subject property. Groundwater was monitored and sampled on December 10 and 13, 2007.

File No. 10-93-567-ST
January 2, 2008

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

Sincerely yours,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD
GENERAL MANAGER

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

REGISTERED PROFESSIONAL ENGINEER
LAWRENCE SHUI-BING KOO
C 34928
CIVIL
STATE OF CALIFORNIA

VICTOR B. CHERVEN, Ph.D.
P.G. #3475

BACKGROUND

Enviro Soil Tech Consultants (ESTC) conducted an initial subsurface investigation of gasoline contamination at 909 Bluebell Drive in Livermore in February 2007. The site is located at the intersection of Springtown Boulevard and Bluebell Drive (Figure 1). The results were presented in a *Preliminary Investigation and Evaluation Report* (PIER) that was submitted to the regulatory agency (Alameda County Health Care Services Agency) in March. Based on those results, the health care agency requested further investigation, and ESTC drilled two cone penetrometer test (CPT) borings in June. Those results were reported in the *Cone Penetrometer Drilling* report, which was subsequently followed by the installation of three monitor wells in August. The wells were monitored and sampled in September (third quarter), and again in December (fourth quarter). This report presents data from the most recent sampling event.

SCOPE OF WORK

- Measure the depth to groundwater in eighteen wells and check for hydrocarbon sheen or floating product
- Purge the wells of standing water
- Collect water samples from each well
- Submit groundwater samples to a state-certified analytical laboratory for hydrocarbon analysis
- Review the results and prepare a report

FIELD PROCEDURES

The wells were sampled on December 10 and December 13. After the wells were opened and allowed to equalize with atmospheric pressure, a water level meter was used to measure the depth to groundwater. The measurements were recorded on the field data sheet (Appendix "E").

A bailer was then lowered into each well to collect a sample and check for the presence of hydrocarbon sheen or floating product on the surface. Then the bailer was used to purge a minimum of three casing volumes from the well. The purged water was transferred to a storage tank and stored on site. Water sampling equipment was decontaminated before and after each well sampling using Tri-sodium Phosphate (TSP) and water wash, followed by double rising.

Water samples were collected after the wells were purged. Samples were poured into 40-ml vials and placed into a cooled ice chest for transport to Entech Analytical Labs, a state-certified laboratory, with proper chain-of-custody for analyses. The sampling was conducted in accordance with ESTC's Standard Operation Procedures (Appendix "D").

RESULTS

DEPTH TO GROUNDWATER AND GROUNDWATER FLOW DIRECTION

The depth to groundwater on December 10 ranged between 6.26 and 9.12 feet below grade, or roughly 3-4 inches shallower than in September. The depth measurements were subtracted from the casing elevations to obtain the elevation of the water table, which is approximately 511 feet above sea level (Table 1). Contouring those elevations yields the groundwater elevation map in Figure 2, which reveals that the water

table slopes from STMW-2 toward Bluebell Drive. Measured along a transect between STMW-2 and STMW-1, the hydraulic gradient is 0.004 ft/ft, which is within the typical range for most sites.

ANALYTICAL RESULTS

Gasoline was detected in STMW-1 at almost the same concentration as in September, but remained below the detection limit in STMW-2 and dropped from 59 µg/L to less than 50 µg/L in STMW-3. All BTEX compounds remained below the detection limit in each well. The two main contaminants of concern, MTBE and TBA, declined in concentration in STMW-1 and STMW-3, and MTBE remained below the detection limit in STMW-2 (Table 1). TBA, however, increased slightly from 42 to 83 µg/L. The TPHg, Benzene, and MTBE concentrations are contoured in Figures 3-5. All three maps depict a slightly flattened circular plume that is centered between CPT-1 and SB-8 and is slightly elongated along an axis that trends almost due north. In the center of the plume, TPHg and MTBE concentrations are approximately 500 µg/L.

CONCLUSIONS AND RECOMMENDATIONS

The data confirm that gasoline oxygenates have been released to groundwater, forming a fairly circular plume that has a radius of approximately 70 feet. Maximum TPHg and MTBE concentrations are on the order of 500 parts per billion, although concentrations in two of the three onsite wells are near or below the detection limit. ACHCSA has requested further investigation of the extent of the groundwater impact to the northeast of STMW-1, and ESTC has submitted a work plan for additional drilling to ACHCSA for review. We recommend performing that work during the first quarter of 2008.

LIMITATIONS

This report and the schedule 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.

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

Services performed by ESTC has been in accordance with generally accepted environmental professional practices for the nature and conditions of the work complete in the sample or similar localities at the time the work was performed. This report is not meant to represent a legal opinion. No other warranty, express or impacted is made.

File No. 10-93-567-ST
January 2, 2008

A P P E N D I X "A"

TABLES

ENVIRO SOIL TECH CONSULTANTS

File No. 10-93-567-ST
January 2, 2008

TABLE 1
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE µg/L	Ethanol µg/L	Methanol mg/L	TBA µg/L	Other VOCs by EPA 8260B (µg/L)
9/04/07	STMW-1 (517.55)●	20	10-20	6.58]	510.97	Rainbow sheen No odor	220	ND <10	ND <10	ND <10	ND <10	850	ND <4000	ND <1	6500	None Detected<10
12/10/07				6.26]	511.29	No sheen or odor	210**a**	ND <5	ND <5	ND <5	ND <5	540	ND <2000	**10**	4200	None Detected<5
9/04/07	STMW-2 (519.59)●	20	10-20	8.30]	511.29	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <200	ND <1	42	Tetrahydrofuran 49
12/10/07				8.02]	511.57	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <200	ND <1	83	Tetrahydrofuran 20
9/04/07	STMW-3 (520.37)●	20	10-20	9.52]	510.85	No sheen or odor	59	ND <1	ND <1	ND <1	ND <1	160	ND <400	ND <1	120	None Detected<1
12/10/07				9.12]	511.25	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	17	ND <200	ND <1	86	None Detected<0.5

TPHg – Total Petroleum Hydrocarbons as gasoline
MTBE – Methyl Tertiary Butyl Ether
Perf. – Perforation
TBA – tert-Butanol
mg/L – Milligrams Per Liter
ND – Not Detected (below laboratory detection limit)
***** Well screens are not submerged
● Mean Sea Level

BTEX – Benzene, Toluene, Ethylbenzene, Total Xylenes
GW Elev. – Groundwater Elevation
PCE – Tetrachloroethene
TCE – Trichloroethene
µg/L – Micrograms Per Liter

] Well screens are submerged
a – A typical pattern

TABLE 2
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	10-20	0-10	0-7	7-8	8-20
STMW-2	2	20	10-20	0-10	0-7	7-8	8-20
STMW-3	2	20	10-20	0-10	0-7	7-8	8-20

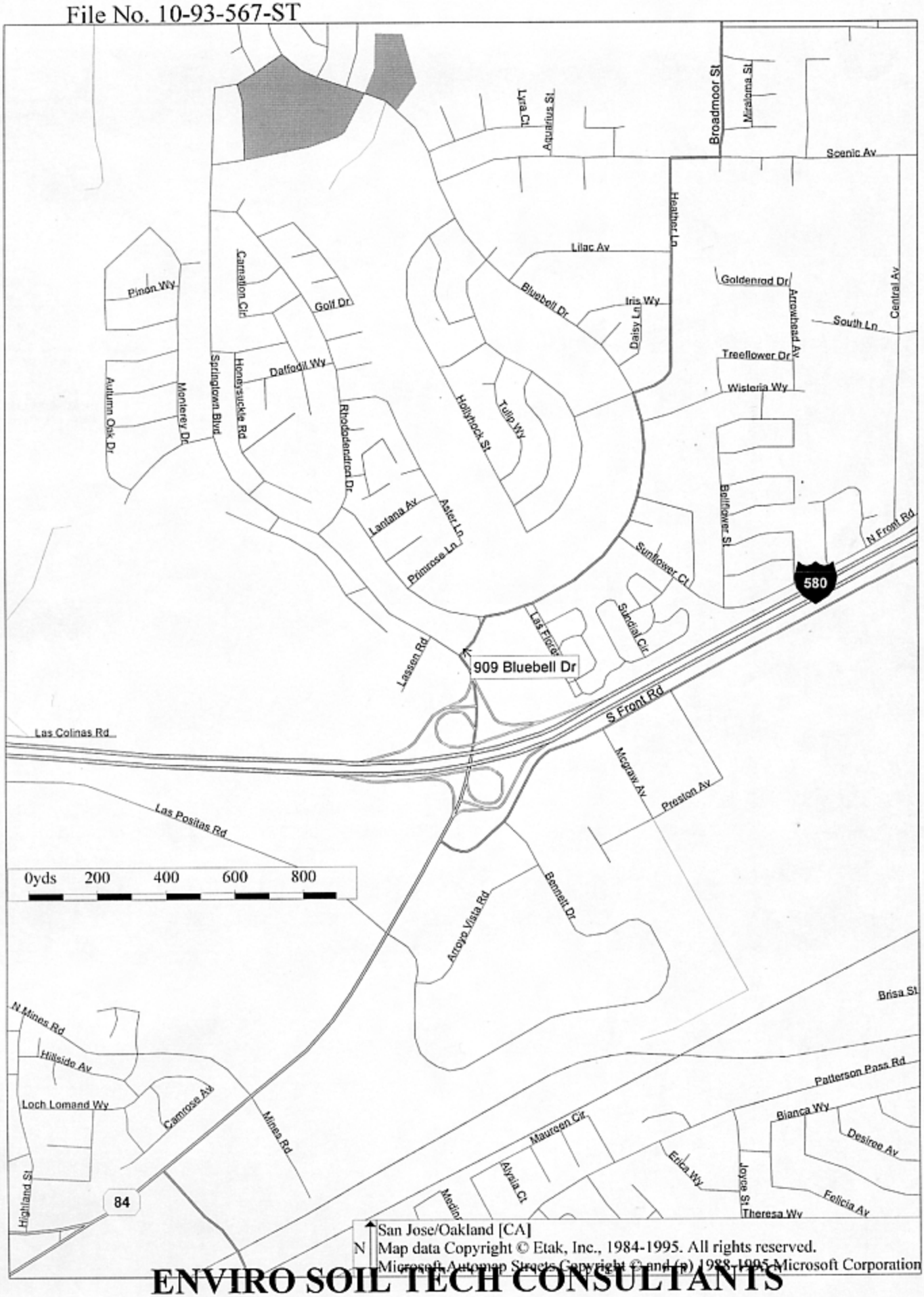
File No. 10-93-567-ST
January 2, 2008

A P P E N D I X "B"

FIGURES

ENVIRO SOIL TECH CONSULTANTS

File No. 10-93-567-ST

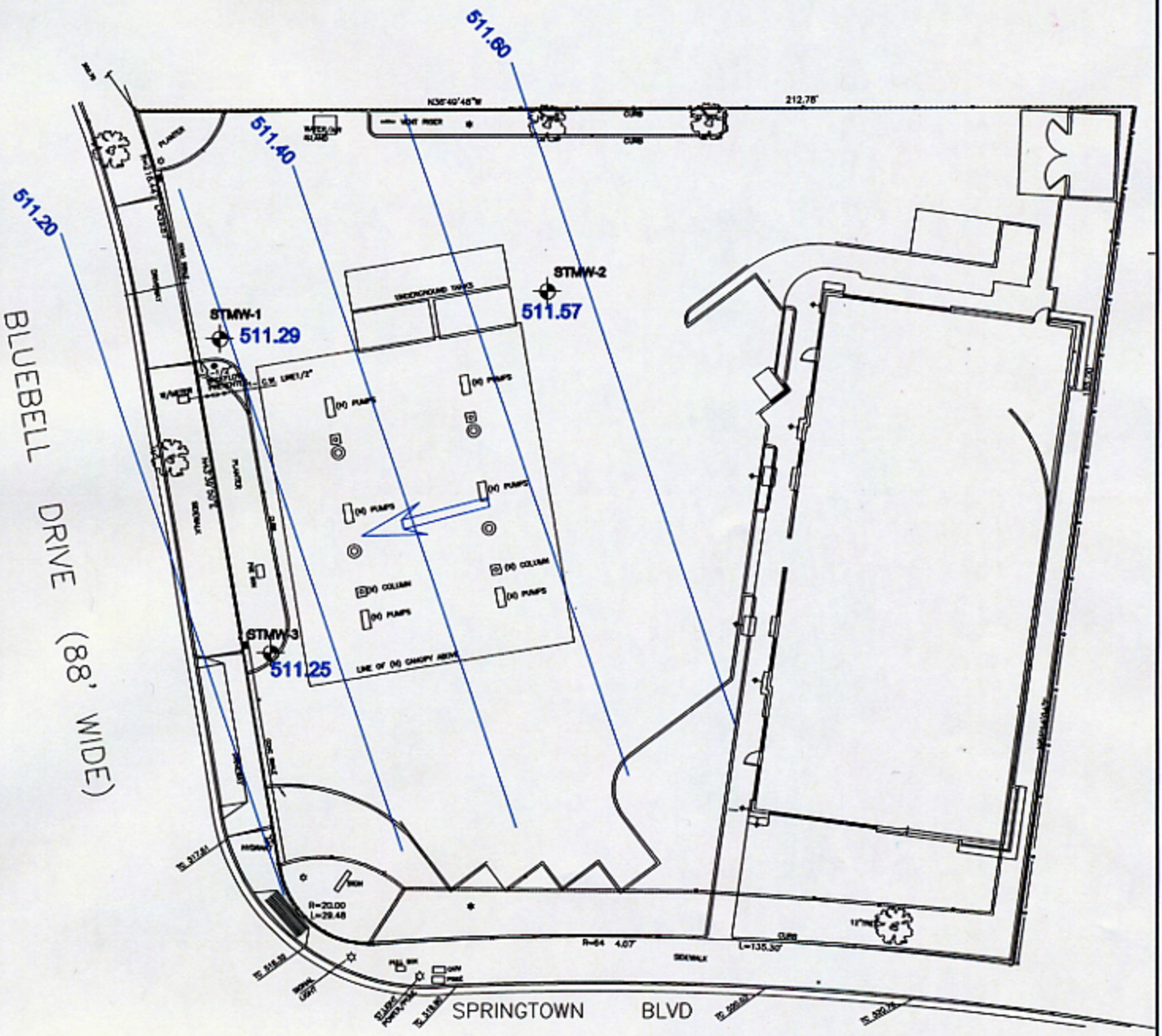


ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1

Enviro Soil Tech Consultants	PROJECT	Figure 2
131 Tully Road San Jose, CA 95112	909 Bluebell Drive Livermore, California PROJECT # 10-93-567-ST DATE: 12/28/2007	Groundwater Gradient December 10, 2007



Legend

- ● = Soil Boring
- ○ = Geoprobe Boring
- ⌖ = Monitor Well
- ⌖ = CPT Boring

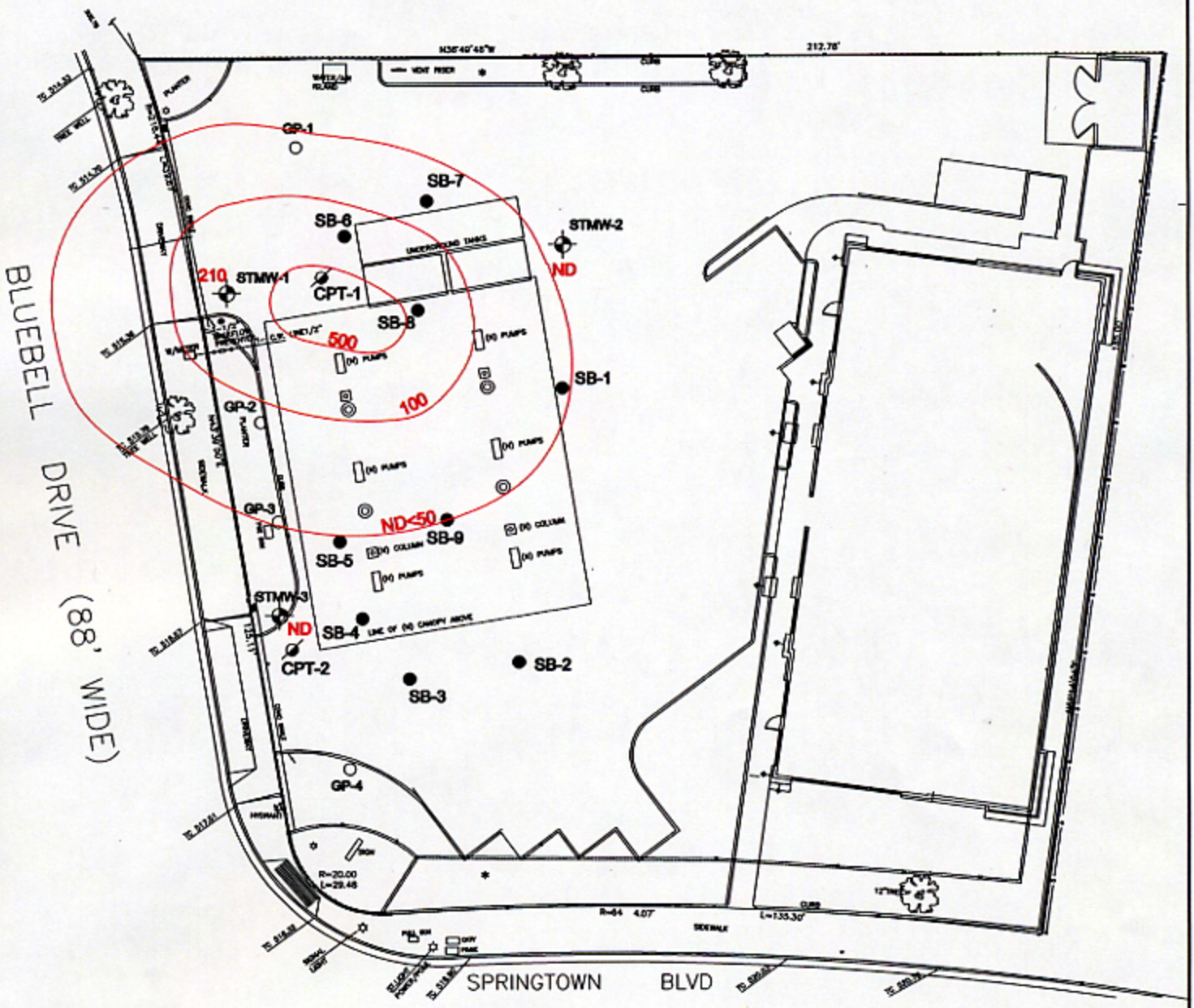
Contours Intervals = 0.10 feet

Scale

0 5 10 15 20

M2

Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 909 Bluebell Drive Livermore, California PROJECT # 10-93-567-ST DATE: 12/31/2007	Figure 3 **Isocontours of TPH-g In Groundwater, 12/10/2007**



Legend

- ● = Soil Boring
- ○ = Geoprobe Boring
- ⌖ = Monitor Well
- ⌖ = CPT Boring

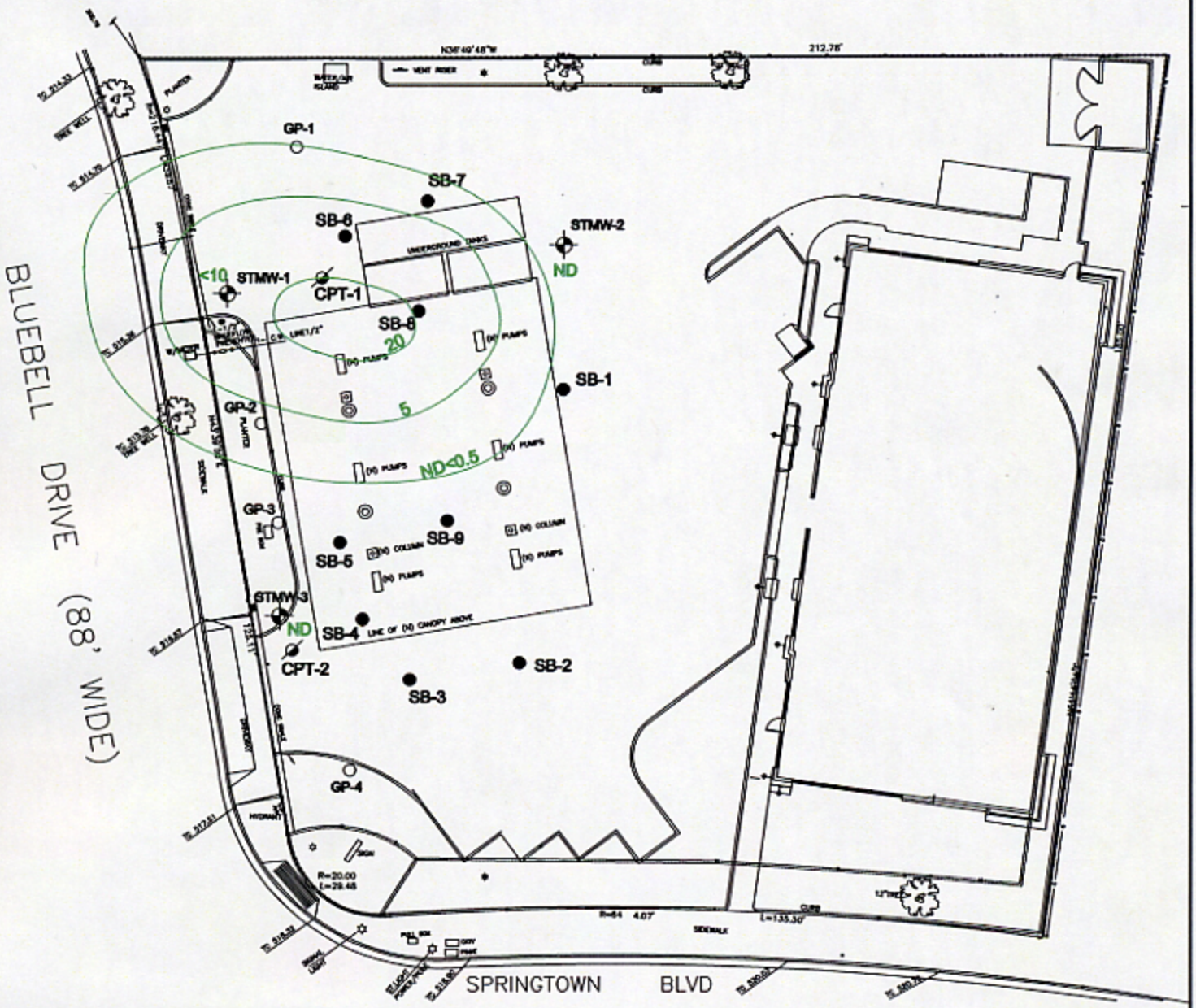
Isocontours are Variable in ug/L

Scale

0 10 20
5 15

M3

Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 909 Bluebell Drive Livermore, California PROJECT # 10-93-567-ST DATE: 12/31/2007	Figure 4 Isocontours of Benzene In Groundwater, 12/10/2007



Legend

- ● = Soil Boring
- ○ = Geoprobe Boring
- ⌖ = Monitor Well
- ⌀ = CPT Boring

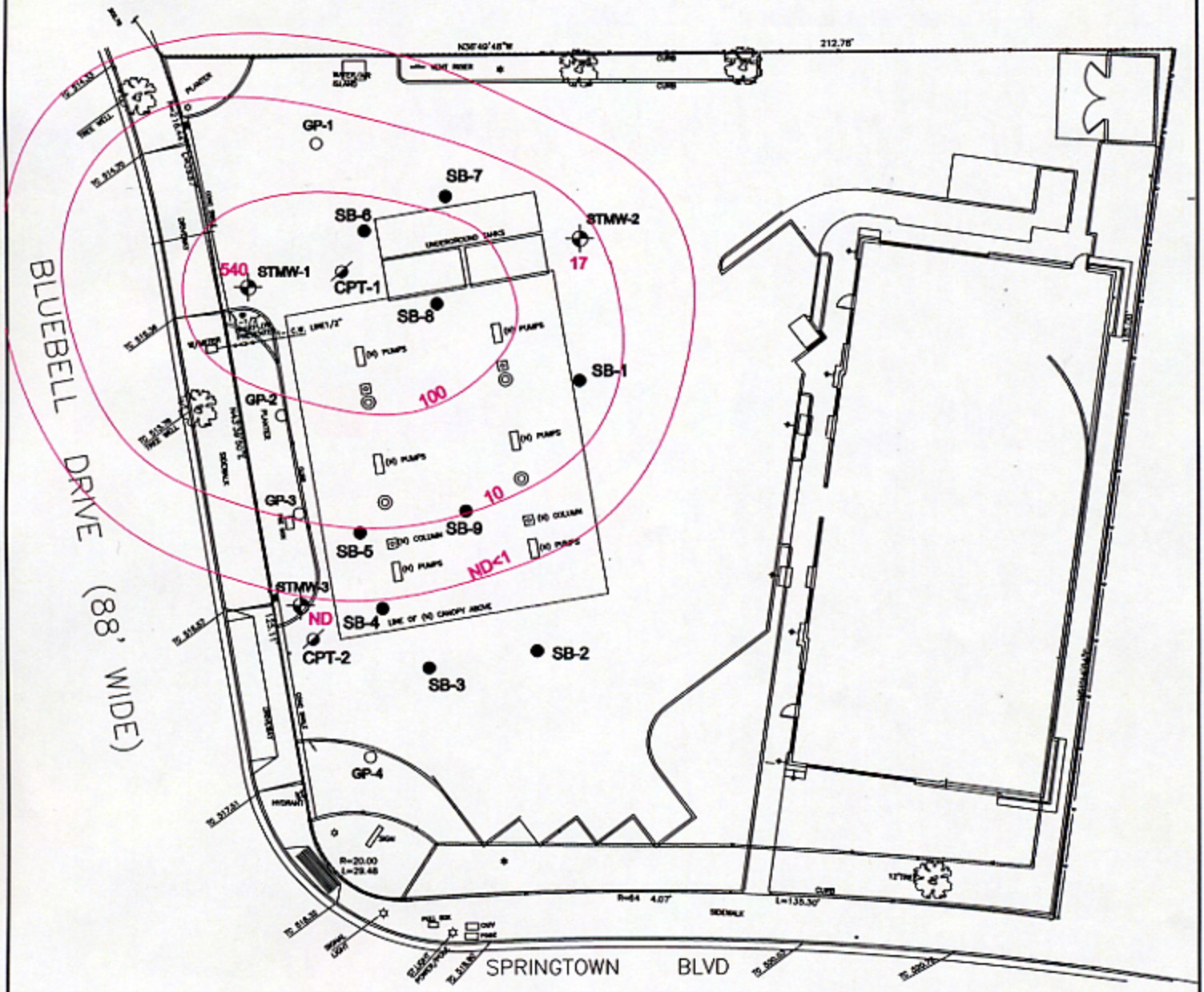
Isocontours are Variable in ug/L

Scale

0 10 20
0 15

M4

Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 909 Bluebell Drive Livermore, California PROJECT # 10-93-567-ST DATE: 12/4/2007	Figure 5 **Isocontours of MTBE In Groundwater, 12/10/2007**



Legend

- ● = Soil Boring
- ○ = Geoprobe Boring
- ⌖ = Monitor Well
- ⌀ = CPT Boring

Isocontours are Variable in ug/L

Scale

0 10 20
5 15

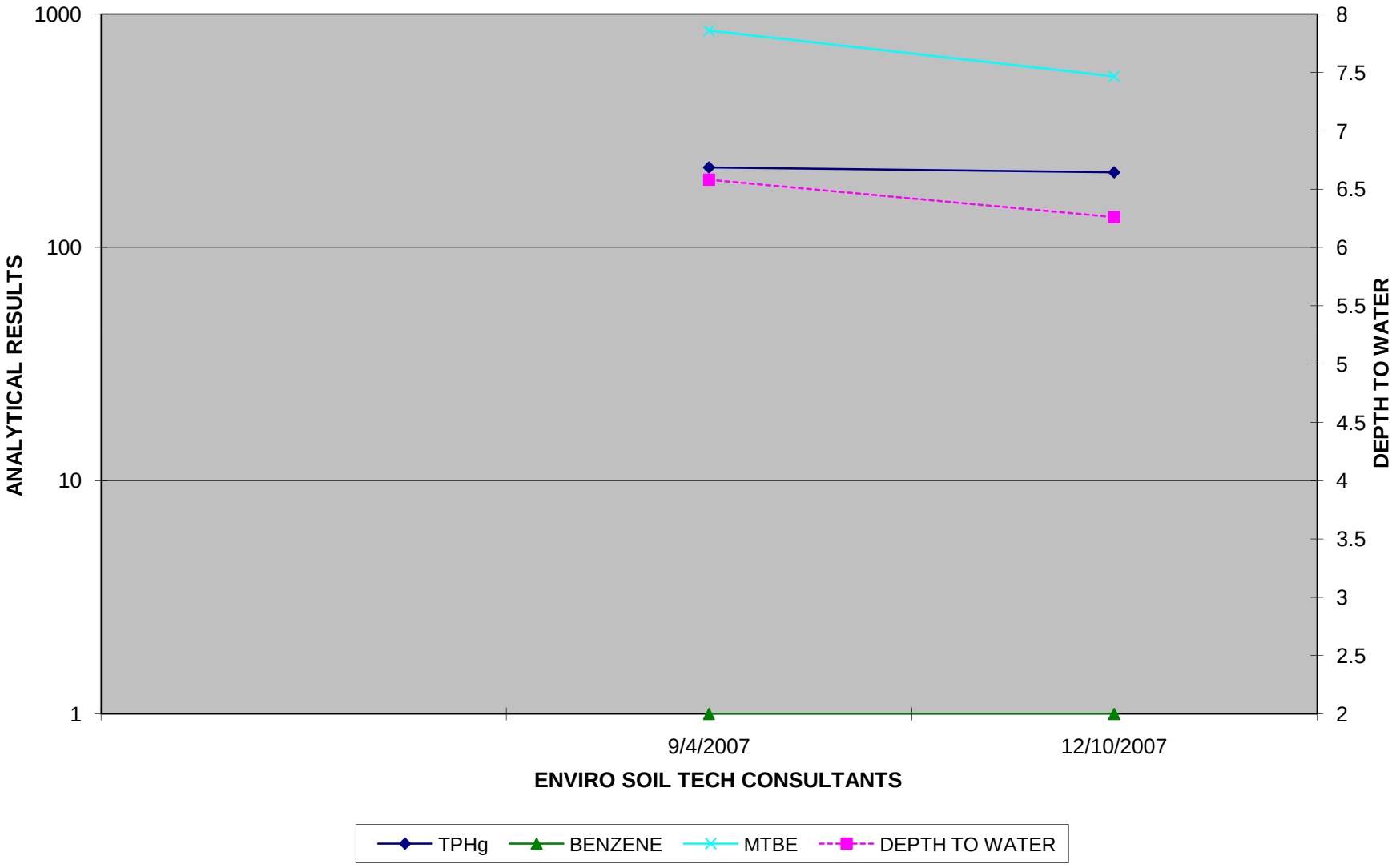
File No. 10-93-567-ST
January 2, 2008

A P P E N D I X "C"

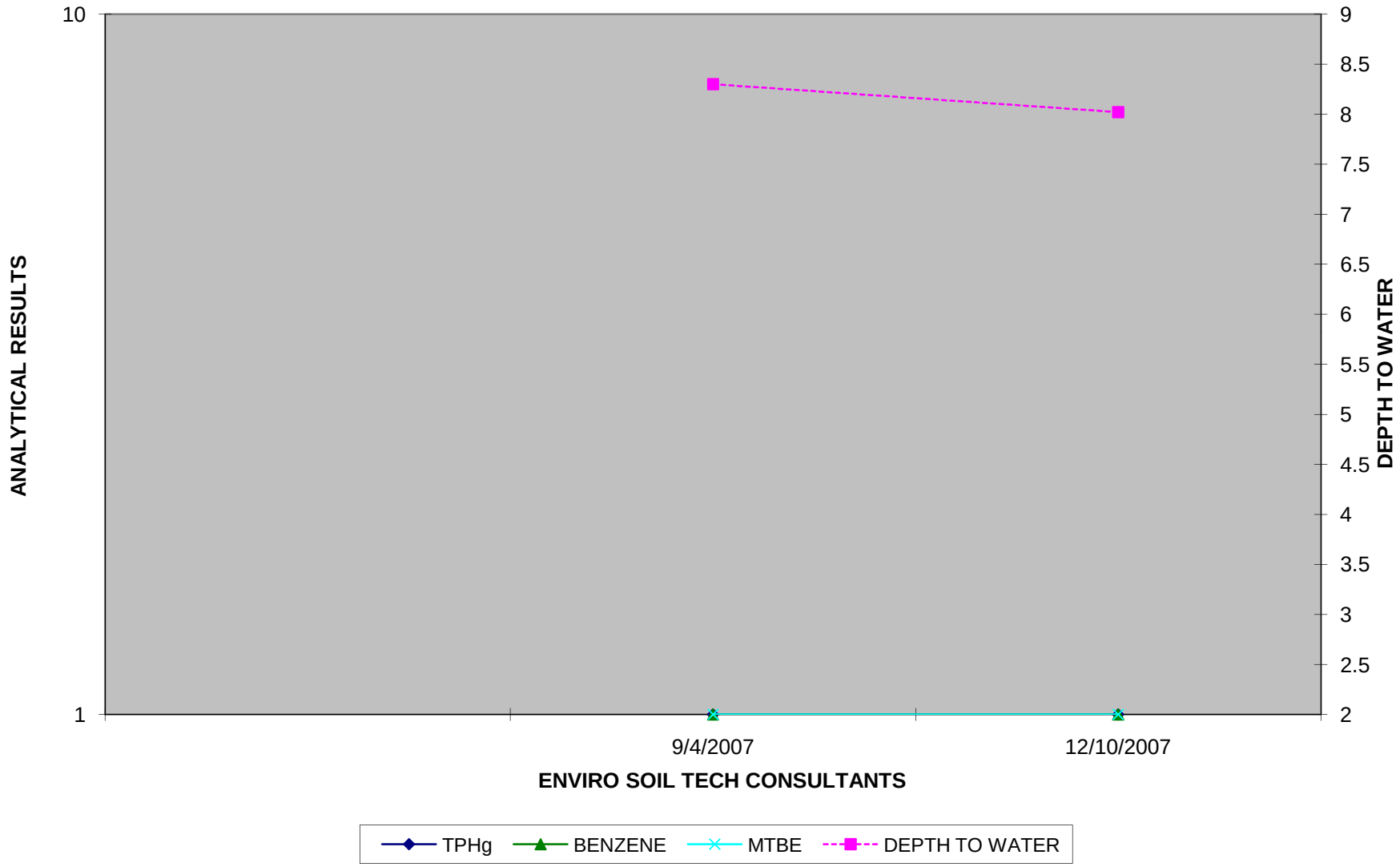
HYDROGRAPHS

ENVIRO SOIL TECH CONSULTANTS

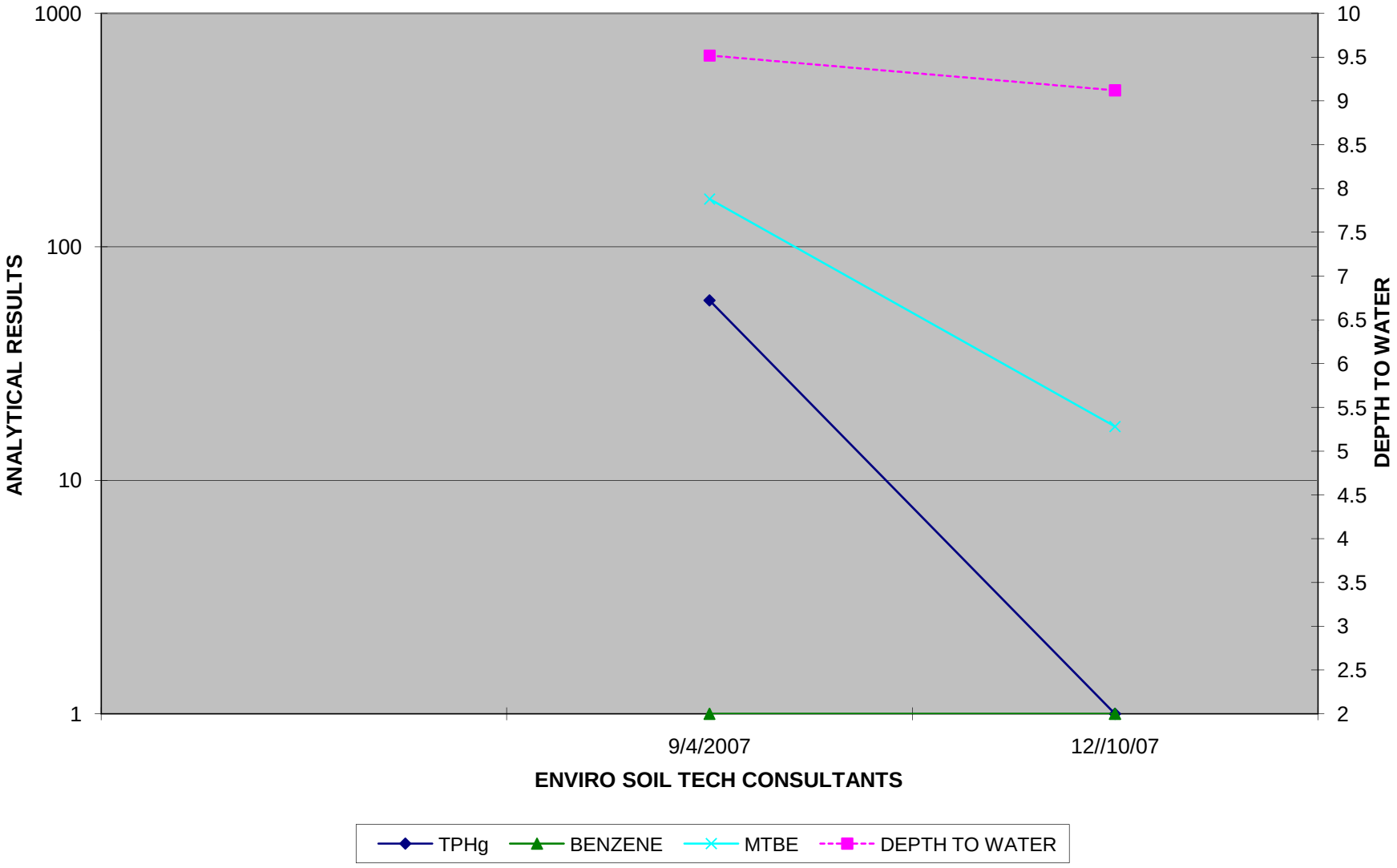
File No.: 10-93-567-ST
TPHg, BENZENE & MTBE RESULTS FOR STMW-1 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



File No.: 10-93-567-ST
TPHg, BENZENE & MTBE RESULTS FOR STMW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



File No.: 10-93-567-ST
TPHg, BENZENE & MTBE RESULTS FOR STMW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



File No. 10-93-567-ST
January 2, 2008

A P P E N D I X "D"

STANDARD OPERATION PROCEDURE

ENVIRO SOIL TECH CONSULTANTS

File No. 11-91-484-ST
January 2, 2008

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 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 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. 10-93-567-ST
January 2, 2008

A P P E N D I X "E"

FIELD NOTES

ENVIRO SOIL TECH CONSULTANTS

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Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 10-93-567-ST WELL NO.: STMW-1

DATE: 12-10-07 SAMPLER: Richard Mundy

DEPTH TO WELL: _____ 1 WELL VOLUME: 2.2

DEPTH TO WATER: 6 FT .26 5 WELL VOLUME: 11

HEIGHT OF WATER COLUMN: _____ ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 13.74

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	7.17	18.5	1074
	6 gal	7.02	18.8	1086
	9 gal	6.92	19.0	1090

6 FT .50

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 10-93-567-ST WELL NO.: DTMW-2

DATE: 12-10-07 SAMPLER: Richard Mendez

DEPTH TO WELL: _____ 1 WELL VOLUME: 2

DEPTH TO WATER: 8 ft .02 5 WELL VOLUME: 10

HEIGHT OF WATER COLUMN: _____ ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 11.98

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	6.92	19.6	1065
	6 gal	7.00	19.9	1080
	9 gal	7.02	19.8	1074

8 ft .20

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 10-93-567-ST **WELL NO.:** STMW-3

DATE: 12-10-07 **SAMPLER:** David Marks

DEPTH TO WELL: _____ **1 WELL VOLUME:** 1.8

DEPTH TO WATER: 9 FT .12 **5 WELL VOLUME:** 9

HEIGHT OF WATER COLUMN: _____ **ACTUAL PURGED VOLUME:** 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 10.88

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	7.79	19.5	1161
	6 gal	7.22	19.7	1237
	9 gal	6.77	19.8	1267

9 FT .86

File No. 10-93-567-ST
January 2, 2008

A P P E N D I X "F"

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: 58612
Issued: 12/21/2007

Project Number: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore

Global ID: T06019716197

Certificate of Analysis - Final Report

On December 11, 2007, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test / Comments
Liquid	Alcohols: EPA 8015B Direct aqueous injection
	Electronic Deliverables for Geotracker
	VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater
	TPH-Purgeable - GC : EPA 5030B / EPA 8015B

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: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-001 **Sample ID: STMW-1** **Matrix:** Liquid **Sample Date:** 12/10/2007 1:09 PM

Alcohols: EPA 8015B Direct aqueous injection

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Methanol	**10**		1.0	1.0	mg/L	N/A	N/A	12/14/2007	WGC5071214

Surrogate	Surrogate Recovery	Control Limits (%)
1-Butanol	98.7	65 - 135

Analyzed by: EricKum
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-001 **Sample ID: STMW-1** **Matrix:** Liquid **Sample Date:** 12/10/2007 1:09 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		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1,1-Trichloroethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1,2,2-Tetrachloroethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1,2-Trichloroethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1-Dichloroethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1-Dichloroethene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2,3-Trichlorobenzene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2,3-Trichloropropane	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2,4-Trichlorobenzene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2,4-Trimethylbenzene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dibromo-3-Chloropropane	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dibromoethane (EDB)	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dichloroethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,3,5-Trimethylbenzene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,3-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,3-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,4-Dichlorobenzene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,4-Dioxane	ND		10	500	µg/L	N/A	N/A	12/13/2007	WM2A071213
2,2-Dichloropropane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
2-Butanone (MEK)	ND		10	200	µg/L	N/A	N/A	12/13/2007	WM2A071213
2-Chloroethyl-vinyl Ether	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
2-Chlorotoluene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
2-Hexanone	ND		10	200	µg/L	N/A	N/A	12/13/2007	WM2A071213
4-Chlorotoluene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
4-Methyl-2-Pentanone(MIBK)	ND		10	200	µg/L	N/A	N/A	12/13/2007	WM2A071213
Acetone	ND		10	200	µg/L	N/A	N/A	12/13/2007	WM2A071213
Acetonitrile	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Acrolein	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Acrylonitrile	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Benzene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Benzyl Chloride	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromobenzene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromochloromethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromodichloromethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromoform	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromomethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Carbon Disulfide	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Carbon Tetrachloride	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Chlorobenzene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Chloroethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Chloroform	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Chloromethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213

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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
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-001 **Sample ID: STMW-1** **Matrix:** Liquid **Sample Date:** 12/10/2007 1:09 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		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
cis-1,3-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Cyclohexanone	ND		10	200	µg/L	N/A	N/A	12/13/2007	WM2A071213
Dibromochloromethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Dibromomethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Dichlorodifluoromethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Diisopropyl Ether	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Ethyl Benzene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Freon 113	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Hexachlorobutadiene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Iodomethane	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Isopropanol	ND		10	200	µg/L	N/A	N/A	12/13/2007	WM2A071213
Isopropylbenzene	ND		10	10	µg/L	N/A	N/A	12/13/2007	WM2A071213
Methyl-t-butyl Ether	**540**		10	10	µg/L	N/A	N/A	12/13/2007	WM2A071213
Methylene Chloride	ND		10	200	µg/L	N/A	N/A	12/13/2007	WM2A071213
n-Butylbenzene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
n-Propylbenzene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Naphthalene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
p-Isopropyltoluene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Pentachloroethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
sec-Butylbenzene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Styrene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
tert-Amyl Methyl Ether	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
tert-Butanol (TBA)	**4200**		10	100	µg/L	N/A	N/A	12/13/2007	WM2A071213
tert-Butyl Ethyl Ether	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
tert-Butylbenzene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Tetrachloroethene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Tetrahydrofuran	ND		10	200	µg/L	N/A	N/A	12/13/2007	WM2A071213
Toluene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
trans-1,2-Dichloroethene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
trans-1,3-Dichloropropene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
trans-1,4-Dichloro-2-butene	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Trichloroethene	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Trichlorofluoromethane	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Vinyl Acetate	ND		10	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Vinyl Chloride	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Xylenes, Total	ND		10	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Ethanol	ND		10	2000	µg/L	N/A	N/A	12/13/2007	WM2A071213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.9	60 - 130
Dibromofluoromethane	87.4	60 - 130
Toluene-d8	88.7	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

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Project Number: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-001 **Sample ID: STMW-1** **Matrix:** Liquid **Sample Date:** 12/10/2007 1:09 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	**210**		1.0	50	µg/L	N/A	N/A	12/14/2007	WGC071213
Atypical pattern.									

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.0	65 - 135

Analyzed by: JAbidog
Reviewed by: MaiChiTu

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Project Name: 909 Bluebell Drive
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GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-002 **Sample ID: STMW-2** **Matrix:** Liquid **Sample Date:** 12/10/2007 2:10 PM

Alcohols: EPA 8015B Direct aqueous injection

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Methanol	ND		1.0	1.0	mg/L	N/A	N/A	12/14/2007	WGC5071214

Surrogate	Surrogate Recovery	Control Limits (%)
1-Butanol	96.6	65 - 135

Analyzed by: EricKum
Reviewed by: MaiChiTu

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Project Number: 10-93-567-ST
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Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-002 **Sample ID: STMW-2** **Matrix:** Liquid **Sample Date:** 12/10/2007 2:10 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	12/13/2007	WM2B071212
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	12/13/2007	WM2B071212
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2B071212
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2B071212
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2B071212
Acetone	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2B071212
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212

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ND = Not Detected at or above the Detection Limit.
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Project Number: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-002 **Sample ID: STMW-2** **Matrix:** Liquid **Sample Date:** 12/10/2007 2:10 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	12/13/2007	WM2B071212
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2B071212
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2B071212
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2B071212
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
tert-Butanol (TBA)	**83**		1.0	10	µg/L	N/A	N/A	12/13/2007	WM2B071212
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Tetrahydrofuran	**20**		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2B071212
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2B071212
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2B071212
Ethanol	ND		1.0	200	µg/L	N/A	N/A	12/13/2007	WM2B071212

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.5	60 - 130
Dibromofluoromethane	86.1	60 - 130
Toluene-d8	89.5	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-002 **Sample ID: STMW-2** **Matrix:** Liquid **Sample Date:** 12/10/2007 2:10 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	12/14/2007	WGC071213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	65 - 135

Analyzed by: JAbidog
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Project Number: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-003 **Sample ID: STMW-3** **Matrix:** Liquid **Sample Date:** 12/10/2007 3:01 PM

Alcohols: EPA 8015B Direct aqueous injection

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Methanol	ND		1.0	1.0	mg/L	N/A	N/A	12/14/2007	WGC5071214

Surrogate	Surrogate Recovery	Control Limits (%)
1-Butanol	95.3	65 - 135

Analyzed by: EricKum
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Project Number: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-003 **Sample ID: STMW-3** **Matrix:** Liquid **Sample Date:** 12/10/2007 3:01 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	12/13/2007	WM2A071213
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	12/13/2007	WM2A071213
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2A071213
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2A071213
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2A071213
Acetone	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2A071213
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213

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Attn: Frank Hamedi

Project Number: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-003 **Sample ID: STMW-3** **Matrix:** Liquid **Sample Date:** 12/10/2007 3:01 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	12/13/2007	WM2A071213
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2A071213
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2A071213
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Methyl-t-butyl Ether	**17**		1.0	1.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2A071213
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
tert-Butanol (TBA)	**86**		1.0	10	µg/L	N/A	N/A	12/13/2007	WM2A071213
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	12/13/2007	WM2A071213
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	12/13/2007	WM2A071213
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	12/13/2007	WM2A071213
Ethanol	ND		1.0	200	µg/L	N/A	N/A	12/13/2007	WM2A071213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	90.9	60 - 130
Dibromofluoromethane	86.9	60 - 130
Toluene-d8	90.8	60 - 130

Analyzed by: TAF
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
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Project Number: 10-93-567-ST
Project Name: 909 Bluebell Drive
Project Location: Livermore
GlobalID: T06019716197

Certificate of Analysis - Data Report

Samples Received: 12/11/2007
Sample Collected by: Client

Lab # : 58612-003 **Sample ID: STMW-3** **Matrix:** Liquid **Sample Date:** 12/10/2007 3:01 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	12/14/2007	WGC071213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.9	65 - 135

Analyzed by: JAbidog
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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

QC Batch ID: WGC071213 Validated by: MaiChiTu - 12/14/07

QC Batch Analysis Date: 12/13/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**104**	65 - 135

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

QC Batch ID: WGC071213 Reviewed by: MaiChiTu - 12/14/07

QC Batch ID Analysis Date: 12/13/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	120	111	µg/L	88.8	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**118.0**	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	120	112	µg/L	89.6	0.90	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**118.0**	65 - 135

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Method Blank - Liquid - Alcohols: EPA 8015B Direct aqueous injection

QC Batch ID: WGC5071214 Validated by: MaiChiTu - 12/20/07

QC Batch Analysis Date: 12/14/2007

Parameter	Result	DF	PQLR	Units
Methanol	ND	1	1.0	mg/L

Surrogate for Blank	% Recovery	Control Limits
1-Butanol	**99.8**	65 - 135

LCS / LCSD - Liquid - Alcohols: EPA 8015B Direct aqueous injection

QC Batch ID: WGC5071214 Reviewed by: MaiChiTu - 12/20/07

QC Batch ID Analysis Date: 12/14/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Methanol	<1.0	50	46.1	mg/L	92.2	65 - 135

Surrogate	% Recovery	Control Limits
1-Butanol	**94.7**	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Methanol	<1.0	50	49.5	mg/L	99.0	7.1	25.0	65 - 135

Surrogate	% Recovery	Control Limits
1-Butanol	**99.7**	65 - 135

MS / MSD - Liquid - Alcohols: EPA 8015B Direct aqueous injection

QC Batch ID: WGC5071214 Reviewed by: MaiChiTu - 12/20/07

QC Batch ID Analysis Date: 12/14/2007

MS Sample Spiked: 58612-001

Parameter	Sample Result	DF	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Methanol	10.2	1	50	57.4	mg/L	12/14/2007	94.4	65 - 135

Surrogate	% Recovery	Control Limits
1-Butanol	**95.2**	65 - 135

MSD Sample Spiked: 58612-001

Parameter	Sample Result	DF	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Methanol	10.2	1	50	58.7	mg/L	12/14/2007	97.0	2.2	25.0	65 - 135

Surrogate	% Recovery	Control Limits
1-Butanol	**95.9**	65 - 135

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

QC Batch ID: WM2A071213

Validated by: MaiChiTu - 12/14/07

QC Batch Analysis Date: 12/13/2007

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

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

QC Batch ID: WM2A071213

Validated by: MaiChiTu - 12/14/07

QC Batch Analysis Date: 12/13/2007

Parameter	Result	DF	PQLR	Units
Dichlorodifluoromethane	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethanol	ND	1	200	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	**89.8**	60 - 130
Dibromofluoromethane	**87.3**	60 - 130
Toluene-d8	**90.4**	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: WM2A071213

Reviewed by: MaiChiTu - 12/14/07

QC Batch ID Analysis Date: 12/13/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	22.0	µg/L	110	70 - 130
Benzene	<0.50	20	22.5	µg/L	112	70 - 130
Chlorobenzene	<0.50	20	24.1	µg/L	120	70 - 130
Methyl-t-butyl Ether	<1.0	20	20.9	µg/L	104	70 - 130
Toluene	<0.50	20	21.3	µg/L	106	70 - 130
Trichloroethene	<0.50	20	23.1	µg/L	116	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**89.7**	60 - 130
Dibromofluoromethane	**83.2**	60 - 130
Toluene-d8	**89.7**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	20.7	µg/L	104	6.1	25.0	70 - 130
Benzene	<0.50	20	21.6	µg/L	108	4.1	25.0	70 - 130
Chlorobenzene	<0.50	20	22.7	µg/L	114	6.0	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	21.0	µg/L	105	0.48	25.0	70 - 130
Toluene	<0.50	20	20.2	µg/L	101	5.3	25.0	70 - 130
Trichloroethene	<0.50	20	21.4	µg/L	107	7.6	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**90.3**	60 - 130
Dibromofluoromethane	**84.5**	60 - 130
Toluene-d8	**89.8**	60 - 130

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

QC Batch ID: WM2B071212

Validated by: MaiChiTu - 12/13/07

QC Batch Analysis Date: 12/12/2007

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

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

QC Batch ID: WM2B071212

Validated by: MaiChiTu - 12/13/07

QC Batch Analysis Date: 12/12/2007

Parameter	Result	DF	PQLR	Units
Dichlorodifluoromethane	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethanol	ND	1	200	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	**89.4**	60 - 130
Dibromofluoromethane	**87.1**	60 - 130
Toluene-d8	**91.0**	60 - 130

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

QC Batch ID: WM2B071212 Reviewed by: MaiChiTu - 12/13/07

QC Batch ID Analysis Date: 12/12/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.9	µg/L	94.5	70 - 130
Benzene	<0.50	20	20.2	µg/L	101	70 - 130
Chlorobenzene	<0.50	20	21.4	µg/L	107	70 - 130
Methyl-t-butyl Ether	<1.0	20	21.5	µg/L	108	70 - 130
Toluene	<0.50	20	18.9	µg/L	94.5	70 - 130
Trichloroethene	<0.50	20	20.4	µg/L	102	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**92.9**	60 - 130
Dibromofluoromethane	**89.0**	60 - 130
Toluene-d8	**89.4**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	19.2	µg/L	96.0	1.6	25.0	70 - 130
Benzene	<0.50	20	20.2	µg/L	101	0.0	25.0	70 - 130
Chlorobenzene	<0.50	20	21.8	µg/L	109	1.9	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	19.5	µg/L	97.5	9.8	25.0	70 - 130
Toluene	<0.50	20	19.3	µg/L	96.5	2.1	25.0	70 - 130
Trichloroethene	<0.50	20	20.4	µg/L	102	0.0	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**90.0**	60 - 130
Dibromofluoromethane	**83.1**	60 - 130
Toluene-d8	**89.2**	60 - 130

CHAIN OF CUSTODY RECORD

PROJ. NO.	NAME
10-93-567-ST	909 Bluebell Drive, Livermore

SAMPLERS: *(Signature)* 58612

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2) TPHg by 8015mod	EPA 8260B*	Ethanol & Methanol	REMARKS
1	12/10/07	1309		✓	STMW-1 001	6	✓	✓	✓	EDF#T0601971697
2	↓	1410		✓	STMW-2 002	6	✓	✓	✓	
3	↓	1501		✓	STMW-3 003	6	✓	✓	✓	
										*Full lists
										All vials are HCl preserved
										Note: Please label all the field points according to the Chain.
					6VOAs each (w/HCl)					

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Receive by: *(Signature)*
	12/11/07 1245				
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
	12/11/07 1535				
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)*	Date / Time	Remarks	
				Please send lab report to Frank Hamedi	

ENVIRO SOIL TECH CONSULTANTS
Environmental & Geotechnical Consultants
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