

Alameda County  
MAY 17 2004  
Environmental Health

**FIRST QUARTER OF 2004 GROUNDWATER  
MONITORING AND SAMPLING  
AT THE PROPERTY  
LOCATED AT 400 SAN PABLO AVENUE  
ALBANY, CALIFORNIA  
MARCH 23, 2004**

**PREPARED FOR:  
MR. MURRAY STEVENS  
3356 KINCHELOE COURT  
LAFAYETTE, CALIFORNIA 94549-2308**

**BY:  
ENVIRO SOIL TECH CONSULTANTS  
131 TULLY ROAD  
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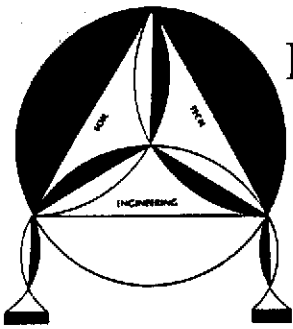
Groundwater Sampling SOP1

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# ENVIRO SOIL TECH CONSULTANTS

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March 23, 2004

File No. 8-90-421-SI

**Mr. Murray Stevens**  
Kamur Industries, Inc.  
3356 Kincheloe Court  
Lafayette, California 94549-2308

**SUBJECT: FIRST QUARTER OF 2004 GROUNDWATER  
MONITORING AND SAMPLING AT THE PROPERTY**  
Located at 400 San Pablo Avenue, in  
Albany, California

Dear Mr. Stevens:

This report presents the results of first quarter of 2004 groundwater monitoring and sampling conducted by Enviro Soil Tech Consultants (ESTC), on March 2, 2004, at the subject site (Figure 1).

Seven monitoring wells (STMW-1 through STMW-5, MW-2 and MW-3) located on- and off-site were monitored for presence of floating products and/or any distinctive odor. Groundwater samples were collected from these monitoring wells and submitted to state-certified laboratory for analyses.

File No. 8-90-421-SI

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

Sincerely,

***ENVIRO SOIL TECH CONSULTANTS***

  
FRANK HAMEDI-FARD  
GENERAL MANAGER

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

**PURPOSE:**

The purpose of this quarterly monitoring and sampling investigation was to determine the direction of groundwater flow and the extent of subsurface hydrocarbons contamination at the site.

**SITE DESCRIPTION:**

The site is located at 400 San Pablo Avenue, in Albany, California, approximately one mile east of San Francisco Bay (Figure 1). The site is bordered by El Cerrito Creek to the north, San Pablo Avenue to the east and Adams Street to the west. The surrounding area comprises primarily light commercial and residential buildings (Figure 2).

**BACKGROUND:**

The site was vacant until the late 1950's when Plaza Car Wash and the adjacent Norge Dry Cleaner buildings were constructed. The three underground fuel storage tanks were installed on the site in 1970.

Observation of petroleum free-floating product in the adjacent El Cerrito Creek, on July 3, 1989, prompted the Albany Fire Department to install absorbent materials and a boom as a temporary containment measure. A storm drain, which borders the site on the west, was found to be the source of petroleum products discharged into El Cerrito Creek.



The inventory reconciliation records for Plaza Car Wash, reviewed by Kamur Industries in July 1989, showed discrepancies in the unleaded gasoline inventory. A product line test, conducted in mid-July 1989, confirmed a small leak in the unleaded gasoline fuel lines beneath the pump island. The leak was repaired and approximately five to ten cubic yards of gasoline contaminated soil was removed from beneath the line. Analytical results of a composite sample of the excavated soil revealed Total Petroleum Hydrocarbon (TPH) concentration of 7,500 parts per million (ppm).

In August 1989, Subsurface Consultants, Inc. (SCI) was retained by Kamur Industries to perform a site assessment. SCI drilled five soil borings and obtained soil samples for laboratory analysis. Four of the soil borings were converted to monitoring wells. Laboratory analysis showed the presence of gasoline contaminants in all soil and groundwater samples.

Per California Regional Water Quality Control Board (CRWQCB) staff request, water samples were also obtained from El Cerrito Creek and the storm drain outlet on August 3, 1989. Laboratory analysis revealed high levels of dissolved hydrocarbons at the storm drain outlet and low levels approximately 20 feet down-stream.

A soil vapor study (SVS), conducted by SCI in the area of the Plaza Car Wash and adjacent properties, revealed the presence of hydrocarbon contamination in the soil.

On September 19, 1989, Pacific Pipeline Survey conducted a video inspection of the Adams Street storm drain. The inspection revealed excess concrete along the pipe bottom, a bend area across the pipe section and large cracks in the pipe. The bend area was considered to be the most likely location for petroleum products to enter the storm drainpipe and eventually discharge into El Cerrito Creek.

Storm drainpipe joints exposed during sump installation procedures were sealed with mortar. All excavated soils found to be contaminated (when screened with organic vapor analyzer) were removed and stored on-site pending proper disposal. Stockpiled soils from the product line repair and sump installation areas were treated on-site and transported to the West Contra Costa Sanitary Landfill for disposal.

In December 1989, Kamur industries retained International Technology Environmental Services (ITES) to conduct monitoring and sampling of on-site monitoring wells, the Adams Street sump and El Cerrito Creek. Monitoring and sampling was conducted on a monthly basis from December 1989 through May 1990. All on-site wells showed high levels of dissolved hydrocarbons, and one well showed traces of floating product. The sump also indicated high levels of dissolved hydrocarbons. The El Cerrito Creek samples, taken after each significant rainstorm, showed non-detectable levels in the upstream station; the storm drain outlet samples showed moderate levels of dissolved hydrocarbons and the down-stream station showed fairly low to non-detectable levels.

In September 1990, Kamur Industries, Inc. retained Alpha Geo Services, Inc. (AGS) and STE to remove three underground tanks, conduct soil sampling and excavate, characterize and dispose of contaminated soil. In addition, STE conducted water sampling of El Cerrito Creek during rainy months per Regional Water Quality control Board (RWQCB) requirements and installed additional monitoring wells as requested by Alameda County Health Department (ACHD).

The details of tank removal, soil sampling and excavation of contaminated soil are described in AGS and STE reports titled "Removal of 3 Underground Storage Tanks" dated January 9, 1991 and "Underground Tank Soil Sampling and Excavation Report" dated January 15, 1991. The report on soil treatment and disposal is included in STE's report titled "Report on Soil Remediation at the Plaza Car Wash" dated May 13, 1991.

In February 1991, STE installed two on-site monitoring wells (STMW-1 and STMW-2). In addition, the on-site wells MW-1 and MW-4 were abandoned during soil excavation of the former underground tank area. The investigation detected no free-floating product in the wells. Dissolved hydrocarbons were detected in all on-site wells. The details of this subsurface investigation are described in STE's report titled "Report of Supplemental Subsurface Investigation for Kamur Industries, Inc. at the Plaza Car Wash" dated May 14, 1991.

ESTC has conducted quarterly monitoring and sampling of the monitoring wells since 1991. The details of the quarterly groundwater monitoring and sampling are described in the reports dated July 26, 1991; November 22, 1991; February 13, 1992; May 27, 1992; August 24, 1992; January 4, 1993; March 22, 1993; July 19, 1993; November 2, 1993; January 26, 1994; April 18, 1994; August 5, 1994; November 14, 1994; February 24, 1995; June 12, 1995; August 31, 1995; December 26, 1995; March 26, 1996; June 18, 1996; February 20, 1997; June 10, 1997; September 12, 1997; June 22, 1998; April 16, 1998; September 15, 1998; November 5, 1998; March 18, 1999 and June 3, 1999.

Per verbal request of Ms. Eva Chu with ACHCSA on September 27, 1999, ESTC has conducted limited groundwater sampling of the observation well on October 1, 1999. The details of this work are described in ESTC's report entitled "Limited Groundwater Sampling of Observation Well at the Property..." dated November 17, 1999.

Per the request of Mr. Murray Stevens of Kamur Industries, ESTC decommissioned the observation wells OB-1 and OB-2 on May 15, 2000. The details of wells abandonment are described in ESTC's report entitled "Wells Abandonment at the Property..." dated May 16, 2000.

Due to the petroleum odor and discoloration of excavated soil during excavation for installation of new underground reclaim water storage tank, per the request of Ms. Eva Chu, ESTC has conducted a limited soil sampling of the property. The details of this work are described in ESTC's report entitled "Limited Soil Sampling at the Property..." dated May 26, 2000.

On June 5, 2001, ESTC has prepared proposed work plan to estimate of Emission Rate of Chemicals from the fuel impacted soil and groundwater and to be used for preparation of human health risk assessment. The proposed work plan was revised, after verbal request from Ms. Eva Chu with ACHCSA on June 21, 2001. The details of revised work plan are described in ESTC's report entitled "Revised Proposed Work Plan for the Property..." dated June 22, 2001.

Per the approval of the work plan from Ms. Eva Chu with ACHCSA in a letter dated August 13, 2001, and December 11, 2001, and per Mr. Murray Stevens' authorization, on May 29, 2002, ESTC has retained Alpha Geo Services (AGS) to drill six soil borings by using direct push technology (Geoprobe) to collect soil and grab groundwater samples for estimation of Emission Rate of chemicals from the fuel impacted soil and groundwater. The details of this investigation are described in the report entitled "Soil and Groundwater Investigation for the Property..." dated June 10, 2002.

Per the request of ACHCSA, ESTC has resumed quarterly monitoring and sampling the on-site monitoring wells. The details of the quarterly groundwater monitoring and sampling are described in ESTC's report "Quarterly Groundwater Monitoring and Sampling at the Property..." dated September 22, 2003.

Per the request of Mr. Scott O. Seery, R.G. with ACHCSA, ESTC has compiled historical events for the subject site in a report entitled "Historical Events Report for the Property..." dated October 1, 2003

**SCOPE OF PRESENT WORKS:**

- Developed all the wells.
- Measured depth-to-water table in the on-site and off-site monitoring wells and monitored for presence of any floating product and/or odor.
- Purged each monitoring well prior to sampling.
- Sampled the monitoring wells for laboratory analyses.
- Submitted water samples to a state-certified laboratory to be analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), Methyl Tertiary Butyl Ether (MTBE) and other hydrocarbon fuel oxygenated compounds (per EPA 8260B).
- Reviewed results and prepared a report of the investigation.

**FIELD ACTIVITIES:**

The seven monitoring wells (STMW-1 through STMW-5, MW-2 and MW-3) were monitored for presence of floating product(s) and/or any distinctive odor. Groundwater samples were collected and submitted to state-certified laboratory for analysis of TPHg, BTEX, MTBE and other hydrocarbons fuel oxygenated compounds (EPA 8260B).

*GROUNDATER MONITORING:*

On March 2, 2004, ESTC's staff monitored the seven wells to measure water depth and check for the presence of sheen and/or odor. No sheen or odor was detected in monitoring wells STMW-3 to STMW-5, MW-2 and MW-3. Rainbow sheen and petroleum odor were noted in monitoring wells STMW-1 and STMW-2.

The static shallow groundwater levels ranged from 5.70 feet to 8.58 feet below ground surface during the recent quarterly sampling event. Table 1 summarizes the depth-to-groundwater and observations made.

*GROUNDWATER SAMPLING:*

Water samples from the monitoring wells were collected analyzed for TPHg, BTEX, MTBE and other hydrocarbons fuel oxygenated compounds per EPA Method 8260B. Approximately three to four well volumes of water was purged from each well using a bailer before the sample was collected in order to assure the sample was representative of surrounding groundwater. A stainless steel bailer was used for sample collection. Water sampling equipment was decontaminated before and after each well sampling using Tri-sodium Phosphate (TSP) and water wash, followed by double rinsing. Groundwater samples were contained in a 40-millimeter glass vials with Teflon-lined caps. After labeling, the samples were immediately stored in a cold ice chest. Strict chain-of-custody procedures were maintained during sample acquisition, storage and transport. The sampling was conducted in accordance with ESTC's Standard Operation Procedure (SOP) (Appendix "D") and ACHCSA's guidelines for sampling and monitoring well.

**GROUNDWATER FLOW DIRECTION:**

Water elevation data were used to determine groundwater direction. Table 1 summarizes the groundwater elevations. The groundwater flow beneath the site was in a northeasterly direction as of March 2, 2004 (Figure 2).

### **ANALYTICAL RESULTS:**

Groundwater samples from the six monitoring wells were submitted to Entech Analytical Labs, in Santa Clara, California to be analyzed for TPHg, BTEX, MTBE and other hydrocarbons fuel oxygenated compounds (EPA 8260B).

Groundwater samples from monitoring wells detected TPHg ranging from non-detectable (wells STMW-3 and STMW-4) to maximum 84000 microgram per liter ( $\mu\text{g/L}$ ) (well STMW-1); Benzene ranging from non-detectable (wells STMW-3 to STMW-5) to maximum of 4200  $\mu\text{g/L}$  (STMW-1); Toluene ranging from non-detectable (wells STMW-3 to STMW-5, MW-2 and MW-3) to maximum of 5300  $\mu\text{g/L}$  (STMW-1); Ethylbenzene ranging from non-detectable (wells STMW-3 to STMW-5, MW-2 and MW-3) to maximum of 1800  $\mu\text{g/L}$  (STMW-1) and Total Xylenes ranging from non-detectable (wells STMW-3 to STMW-5, MW-2 and MW-3) to maximum of 9100  $\mu\text{g/L}$  (STMW-1). All seven monitoring wells detected MTBE below laboratory detection limit. Monitoring wells STMW-1, STMW-2, STMW-5 and MW-3 detected some other hydrocarbons fuel oxygenated compounds in the water samples. A summary of groundwater monitoring data and analytical results are presented in Table 1 and Table 2 (Appendix "A"). The laboratory analytical report is included in Appendix "E".

### **SUMMARY AND RECOMMENDATIONS:**

No sheen or odor was detected in four wells (STMW-3 through STMW-5, MW-2 and MW-3). Rainbow sheen and petroleum odor were noted in monitoring wells STMW-1 and STMW-2. Five out of seven wells detected TPHg in groundwater samples. Four out of seven wells detected Benzene and other hydrocarbons fuel oxygenated compounds in groundwater samples. Two out of seven wells detected Toluene Ethylbenzene and Total Xylenes in groundwater samples.

The results of first quarter of 2004 groundwater monitoring event indicated that groundwater flows in a southeasterly direction parallel to El Cerrito Creek consistent with the previous groundwater flow direction. As the groundwater contour map shows (Figure 2) there is no or little hydraulic communication between the groundwater flow regime and the El Cerrito Creek.

As the data indicate the maximum contaminant level was detected in STMW-1 next to the former underground storage tanks (USTs). As such TPHg and Benzene were detected at maximum concentrations of 84000 and 4200  $\mu\text{g/L}$ , respectively in a groundwater sample collected from STMW-1. As the results of the laboratory analyses indicate MTBE was not detected above laboratory detection limit in any of the groundwater samples. It appears that plume of the petroleum hydrocarbons are limited around the former USTs.

During the current monitoring event, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Isopropylbenzene and Naphthalene were also detected in wells STMW-1 and STMW-2. The maximum concentrations of 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Isopropylbenzene and Naphthalene in STMW-1 were 3200, 860, 100 and 580  $\mu\text{g/L}$ , respectively. Tetrachloroethene was also detected in wells STMW-5 (1.9  $\mu\text{g/L}$ ) and MW-3 (190  $\mu\text{g/L}$ ). In addition, n-Propylbenzene was detected in well STMW-2 at 71  $\mu\text{g/L}$  in water sample, and cis-1,2-Dichloroethene, Trichloroethene and Vinyl Chloride were detected in well MW-3 at 440, 190 and 5.3  $\mu\text{g/L}$ , respectively.

Sine five out of seven monitoring wells detected dissolved hydrocarbons in the groundwater, ESTC recommends continuation of quarterly groundwater monitoring and sampling of the monitoring wells.

A copy of this report should be forwarded to ACHCSA.



**LIMITATIONS:**

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

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

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

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

The services that ESTC provided have been in accordance with generally accepted environmental professional practices for the nature and conditions of the work completed in the same 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 implied is made.

File No. 8-90-421-SI

**A P P E N D I X "A"**

**TABLES**

**ENVIRO SOIL TECH CONSULTANTS**

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

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
3/11/91 <sup>a</sup>	STMW-1 (100.62)	14	4	5.29*	95.33	No sheen or odor	850	100	7	ND <0.5	150	NA
7/03/91 <sup>a</sup>				5.10*	95.52	No sheen Mild petroleum odor	5100	1800	500	95	560	NA
11/04/91 <sup>b</sup>				5.83*	94.79	No sheen Mild petroleum odor	2055	760	54	ND<5	56	NA
1/20/92 <sup>c</sup>				5.79*	94.83	Light sheen Mild petroleum odor	4600	590	36	ND <0.5	190	NA
5/07/92 <sup>d</sup>				5.80*	94.82	No sheen Mild petroleum odor	4400	66	53	4	160	NA
8/17/92 <sup>e</sup>				5.77*	94.85	No sheen Mild petroleum odor	2700	31	18	19	67	NA
12/10/92 <sup>e</sup>				6.61*	94.01	Light sheen Mild petroleum odor	35000	54	79	83	220	NA
3/18/93 <sup>e</sup>				6.68*	93.94	Light rainbow sheen Mild petroleum odor	19000	49	52	55	180	NA
7/13/93 <sup>e</sup>				7.13*	93.49	NMFP Strong petroleum odor	17000	34	43	48	170	NA
10/11/93 <sup>f</sup>				7.26*	93.36	NMFP Strong petroleum odor	51000	2100	2400	530	2600	NA
1/07/94 <sup>f</sup>				7.15*	93.47	NMFP Strong petroleum odor	29000	1500	1600	450	2500	NA
4/06/94 <sup>f</sup>				7.10*	93.52	NMFP Strong petroleum odor	20000	1100	560	300	1600	NA
8/03/94 <sup>g</sup>				5.70*	94.92	NMFP Strong petroleum odor	43000	1000	1700	640	4700	NA
11/08/94 <sup>g</sup>				6.47*	94.15	Brown NMFP Strong petroleum odor	92000	9000	12000	1600	9100	NA

**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	B	T	E	X	MTBE
2/16/95 <sup>e</sup>	STMW-1 (100.62)	14	4	6.96*	93.66	Rainbow sheen/NMFP Strong petroleum odor	150000	850	540	400	1200	NA
5/19/95 <sup>e</sup>				6.84*	93.78	Brown NMFP Strong petroleum odor	59000	400	330	170	610	NA
8/18/95 <sup>e</sup>	(96.81) Resurveyed			4.64*	92.17	Brown NMFP Strong petroleum odor	300000	880	780	540	1700	NA
11/30/95 <sup>e</sup>				7.34*	89.47	Thick brown sheen spots Mild petroleum odor	67000	800	910	390	1500	NA
2/29/96 <sup>e</sup>				7.83*	88.98	NMFP Strong petroleum odor	71000	120	95	18	260	NA
6/07/96 <sup>e</sup>				7.10*	89.71	NMFP Strong petroleum odor	36000	210	140	81	210	NA
11/14/96 <sup>e</sup>				7.29*	89.52	Brown NMFP Mild petroleum odor	140000	480	490	420	1200	ND<0.5
2/12/97 <sup>e</sup>				6.96*	89.85	Rainbow sheen spots Strong petroleum odor	42000	210	190	60	190	ND<0.5
5/15/97 <sup>e</sup>				7.33*	89.48	Brown sheen spots Mild petroleum odor	15000	83	27	45	130	NA
8/27/97 <sup>e</sup>				7.46*	89.35	NMFP Strong petroleum odor	82000	110	52	66	400	ND<0.5
12/24/97 <sup>e</sup>				6.94*	89.87	Rainbow sheen Strong petroleum odor	3700	43	18	9.1	25	ND<0.5
3/24/98 <sup>e*</sup>				6.36*	90.45	Rainbow sheen Strong petroleum odor	10000	65	68	9	120	ND<0.5
6/25/98 <sup>e*</sup>				6.94*	89.87	Rainbow sheen Strong petroleum odor	570	1.9	0.6	1.3	7.1	ND<0.5

**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	B	T	E	X	MTBE
10/12/98**	STMW-1 (96.81)	14	4	7.18*	89.63	Rainbow sheen Strong petroleum odor	1000	2.4	2.1	3.2	6.9	ND<0.5
1/12/99**				6.68*	90.13	Rainbow sheen Strong petroleum odor	6400	39	21	32	83	ND<0.5
4/12/99**				7.16*	89.65	Rainbow sheen Strong petroleum odor	2800	23	19	29	54	ND<0.5
8/28/03 <sup>h</sup>				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/24/03 <sup>h</sup>				8.61*	88.20	Rainbow sheen Petroleum odor	180000	30000	47000	ND <5000	20000	ND <1000
3/02/04				8.58*	88.23	Rainbow sheen Petroleum odor	84000	4200	5300	1800	9100	ND<100
3/13/91 <sup>a</sup>	STMW-2 (100.63)	14	4	5.25*	95.38	No sheen or odor	170	1	1.7	ND<0.5	28	NA
7/03/91 <sup>a</sup>				4.75*	95.88	No sheen Mild petroleum odor	1800	640	48	44	94	NA
11/04/91 <sup>b</sup>				5.92*	94.71	No sheen Mild petroleum odor	2143	1000	57	3	19	NA
1/20/92 <sup>c</sup>				5.88*	94.75	No sheen Mild petroleum odor	14000	120	0.6	0.6	80	NA
5/07/92 <sup>d</sup>				5.70*	94.93	No sheen Mild petroleum odor	1700	32	17	8.6	48	NA
8/17/92 <sup>e</sup>				5.71*	94.92	No sheen or odor	16000	180	220	210	620	NA
12/10/92 <sup>e</sup>				6.39*	94.24	Light rainbow sheen Mild petroleum odor	44000	84	96	120	350	NA

**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	B	T	E	X	MTBE
3/18/93 <sup>e</sup>	STMW-2 (100.63)	14	4	6.50*	94.13	Light Rainbow sheen Mild petroleum odor	9200	22	31	40	110	NA
7/13/93 <sup>e</sup>				6.95*	93.10	No sheen Light sewerage odor	9300	18	24	26	89	NA
10/11/93 <sup>f</sup>				7.09*	93.54	NMFP Strong petroleum odor	62000	2800	3900	670	4400	NA
1/07/94 <sup>f</sup>				6.93*	93.70	Rainbow sheen Mild petroleum odor	22000	1100	1000	280	1800	NA
4/06/94 <sup>f</sup>				6.84*	93.79	NMFP Strong petroleum odor	6600	490	140	62	330	NA
8/03/94 <sup>g</sup>				7.10*	93.53	NMFP Mild petroleum odor	4000	250	52	55	240	NA
11/08/94 <sup>g</sup>				6.19*	94.44	Brown NMFP Strong petroleum odor	10000	730	790	200	1300	NA
2/16/95 <sup>e</sup>				6.72*	93.91	Rainbow sheen/NMFP Strong petroleum odor	37000	230	88	92	320	NA
5/19/95 <sup>e</sup>				6.61*	94.02	Brown sheen spots Light petroleum odor	9300	40	16	22	68	NA
8/18/95 <sup>e</sup>	(96.79) Resurveyed			7.09*	89.70	Brown NMFP Light petroleum odor	210000	720	550	520	1400	NA
11/30/95 <sup>e</sup>				7.07*	89.72	Rainbow sheen spots Light petroleum odor	66000	660	510	370	1500	NA
2/29/96 <sup>e</sup>				7.57*	89.22	Rainbow sheen Light petroleum	33000	75	55	52	150	NA
6/07/96 <sup>e</sup>				6.74*	90.05	Rainbow sheen Light petroleum odor	92000	250	75	180	470	NA
11/14/96 <sup>e</sup>				6.96*	89.83	Rainbow sheen spots Light petroleum odor	39000	380	230	270	720	ND<0.5

**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	B	T	E	X	MTBE
2/12/97 <sup>e</sup>	STMW-2 (96.79)	14	4	6.71*	90.08	Rainbow sheen spots Mild petroleum odor	23000	110	28	48	140	ND<0.5
5/15/97 <sup>e</sup>				7.06*	89.73	Light rainbow sheen spots/Very light petroleum odor	30000	320	48	94	200	NA
8/27/97 <sup>e</sup>				7.20*	89.59	No sheen/Very light petroleum odor	19000	82	9.1	18	27	ND<0.5
12/24/97 <sup>e</sup>				6.72*	90.07	Rainbow sheen Strong petroleum odor	4100	77	8.9	15	34	ND<0.5
3/24/98 <sup>e*</sup>				6.10*	90.69	Rainbow Sheen Strong petroleum odor	3300	31	4.2	16	26	ND<0.5
6/25/98 <sup>e*</sup>				5.52*	91.27	Rainbow sheen Light petroleum odor	2200	20	5.4	12	21	ND<0.5
10/12/98 <sup>e*</sup>				6.92*	89.87	Rainbow sheen Light petroleum odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
1/12/99 <sup>e*</sup>				6.90*	89.89	Rainbow sheen Strong petroleum odor	4500	24	14	15	49	ND<0.5
4/12/99 <sup>e*</sup>				6.98*	89.81	Rainbow sheen Strong petroleum odor	1500	19	12	21	37	ND<0.5
8/28/03 <sup>h</sup>				8.32*	88.47	Rainbow sheen Petroleum odor	15000	570	ND <100	430	500	ND<20
11/24/03 <sup>h</sup>				9.62*	87.17	Rainbow sheen Petroleum odor	1200	100	ND<10	38	29	ND<2
3/02/04				8.28*	88.51	Rainbow sheen Petroleum odor	4700i	430	6.5	140	90	ND<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	B	T	E	X	MTBE
11/14/96 <sup>e</sup>	STMW-3 (95.24)	15	2.5	5.34*	89.90	No sheen or odor	240	9.1	2.8	4.7	13	ND<0.5
2/12/97 <sup>e</sup>				5.14*	90.10	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
5/15/97 <sup>e</sup>				5.42*	89.82	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA
8/27/97 <sup>e</sup>				5.58*	89.66	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
12/24/97 <sup>e</sup>				5.14*	90.10	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
3/24/98 <sup>e*</sup>				4.54*	90.70	No sheen or odor	13000	87	23	80	130	ND<0.5
6/25/98 <sup>e*</sup>				5.06*	90.18	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
10/12/98 <sup>e*</sup>				5.3*	89.94	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
1/12/99 <sup>e*</sup>				5.04*	90.20	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
4/12/99 <sup>e*</sup>				5.28*	89.97	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
8/28/03 <sup>h</sup>				6.64*	88.60	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
11/24/03 <sup>h</sup>				7.04*	88.20	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
3/02/04				6.46*	88.78	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND<1	ND<1
11/14/96 <sup>e</sup>	STMW-4 (94.41)	15	2	4.67*	89.74	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
2/12/97 <sup>e</sup>				4.45*	89.96	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5



**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	B	T	E	X	MTBE
5/15/97 <sup>e</sup>	STMW-4 (94.41)	15	2	4.75*	89.66	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA
8/27/97 <sup>e</sup>				4.87*	89.54	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
12/24/97 <sup>e</sup>				4.44*	89.97	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
3/24/98 <sup>e*</sup>				3.88*	90.53	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
6/25/98 <sup>e*</sup>				4.40*	90.01	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
10/12/98 <sup>e*</sup>				4.68*	89.73	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
1/12/99 <sup>e*</sup>				4.38*	90.03	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
4/12/99 <sup>e*</sup>				4.62*	89.79	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
8/28/03 <sup>h</sup>				5.92*	88.49	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
11/24/03 <sup>h</sup>				6.28*	88.13	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
3/02/04				5.70*	88.71	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND<1	ND<1
11/14/96 <sup>e</sup>	STMW-5 (94.49)	15	2	5.20*	89.29	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND<0.5	ND <0.5	ND<0.5
2/12/97 <sup>e</sup>				4.99*	89.50	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
5/15/97 <sup>e</sup>				5.30*	89.19	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA

**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	B	T	E	X	MTBE
8/27/97 <sup>e</sup>	STMW-5 (94.49)	15	2	5.33*	89.16	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
12/24/97 <sup>c</sup>				4.94*	89.55	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5
3/24/98 <sup>e*</sup>				4.52*	89.97	No sheen Slight sewerage odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
6/25/98 <sup>e*</sup>				5.00*	89.49	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
10/12/98 <sup>e*</sup>				5.18*	89.31	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
1/12/99 <sup>e*</sup>				5.02*	89.47	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
4/12/99 <sup>e*</sup>				5.38*	89.11	No sheen Light sewerage odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
8/28/03 <sup>h</sup>				6.62*	87.87	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<5
11/24/03 <sup>h</sup>				6.84*	87.65	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
3/02/04				6.26*	88.23	No sheen or odor	62j	ND <0.5	ND <0.5	ND <0.5	ND<1	ND<1
3/11/91 <sup>a</sup>	MW-2 (99.36)	11.50	5	4.29	95.07	No sheen Mild petroleum odor	25000	2600	4400	ND <0.5	5800	NA
7/03/91 <sup>a</sup>				5.83*	93.53	No sheen Strong petroleum odor	21000	2800	3200	ND <0.5	4300	NA
11/04/91 <sup>b</sup>				4.79†	94.57	No sheen Mild petroleum odor	3589	1700	119	9	56	NA
1/20/92 <sup>c</sup>				4.60†	94.76	No sheen Mild petroleum odor	380	38	1.3	ND <0.5	34	NA

**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	B	T	E	X	MTBE
5/07/92 <sup>d</sup>	MW-2 (99.36)	11.50	5	4.42†	94.94	No sheen Mild petroleum odor	10000	62	32	44	160	NA
8/17/92 <sup>e</sup>				4.43†	94.96	No sheen Mild petroleum odor	6000	48	27	65	180	NA
12/10/92 <sup>e</sup>				4.94†	94.45	No sheen Mild petroleum odor	7200	15	23	32	82	NA
3/18/93 <sup>e</sup>				5.11*	94.28	No sheen Light sewerage odor	1400	8.3	11	13	48	NA
7/13/93 <sup>e</sup>				5.53*	93.86	Rainbow sheen Light petroleum odor	2400	4.7	6.2	6.8	25	NA
10/11/93 <sup>f</sup>				5.64*	93.75	No sheen or odor	410	43	2.6	4.5	12	NA
1/07/94 <sup>f</sup>				5.52*	93.87	No sheen or odor	240	25	3.1	ND <0.5	20	NA
4/06/94 <sup>f</sup>				5.82*	93.57	No sheen or odor	3000	120	23	22	190	NA
8/03/94 <sup>g</sup>				7.47*	91.92	No sheen or odor	500	57	1	17	25	NA
11/08/94 <sup>g</sup>				4.69†	94.70	No sheen or odor	8000	650	85	500	1000	NA
2/16/95 <sup>e</sup>				5.31*	94.08	No sheen or odor	660	6.4	1	5.6	8.9	NA
5/19/95 <sup>e</sup>				5.17*	94.22	No sheen Mild sewerage odor	1900	11	10	23	26	NA
8/18/95 <sup>e</sup>	(95.22) Resurveyed			5.65*	89.57	No sheen Light sewerage odor	1800	15	1.6	15	20	NA
11/30/95 <sup>e</sup>				5.64*	89.58	No sheen or odor	120	9.3	ND <0.5	0.5	3.5	NA
2/29/96 <sup>e</sup>				4.61†	90.61	No sheen Light sewerage odor	1200	6.1	1.2	6.2	8.7	NA
6/07/96 <sup>e</sup>				5.37*	89.85	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA

**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	B	T	E	X	MTBE
11/14/96 <sup>c</sup>	MW-2 (95.22)	11.50	5	5.55*	89.67	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
2/12/97 <sup>e</sup>				5.14*	90.08	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
5/15/97 <sup>e</sup>				5.63*	89.59	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA
8/27/97 <sup>e</sup>				5.73*	89.49	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
12/24/97 <sup>e</sup>				5.30*	89.91	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
3/24/98 <sup>e*</sup>				4.76†	90.46	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
6/25/98 <sup>e*</sup>				5.28*	89.94	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
10/12/98 <sup>e*</sup>				5.50*	89.72	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
1/12/99 <sup>e*</sup>				5.28*	89.94	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
4/12/99 <sup>e*</sup>				5.54*	89.68	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
8/28/03 <sup>h</sup>				6.86*	88.36	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
11/24/03 <sup>h</sup>				7.20*	88.02	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
3/02/04				6.64*	88.58	No sheen or odor	110k	27	ND <0.5	ND <0.5	ND<1	ND<1
3/13/91 <sup>a</sup>	MW-3 (100.09)	12	5	4.67†	95.42	Trace of sheen Moderate petroleum odor	47000	9100	9900	270	8110	NA

**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	B	T	E	X	MTBE
7/03/91 <sup>a</sup>	MW-3 (100.09)	12	5	5.75*	94.34	Trace of sheen Moderate petroleum odor	40000	12000	4500	1200	4000	NA
11/04/91 <sup>b</sup>				5.67*	94.42	Trace of sheen Strong petroleum odor	102700	38800	19100	3200	8300	NA
1/20/92 <sup>c</sup>				5.54*	94.55	Light sheen Strong petroleum odor	510000	27000	27000	5800	46000	NA
5/07/92 <sup>d</sup>				5.18*	94.91	Rainbow sheen Strong petroleum odor	43000	250	230	120	470	NA
8/17/92 <sup>e</sup>				5.24*	94.85	Rainbow sheen Mild petroleum odor	140000	2500	2400	1700	5500	NA
12/10/92 <sup>f</sup>				4.42†	95.67	Light sheen Strong petroleum odor	94000	400	410	430	1100	NA
3/18/93 <sup>e</sup>				5.39*	94.70	Thick NMFP Mild petroleum odor	51000	92	130	160	590	NA
7/13/93 <sup>e</sup>				6.07*	94.02	L. rainbow sheen spots Strong petroleum odor	80000	160	210	230	820	NA
10/11/93 <sup>l</sup>				6.34*	93.75	NMFP Strong petroleum odor	180000	14000	8800	320	9400	NA
1/07/94 <sup>l</sup>				6.34*	93.75	NMFP Strong petroleum odor	120000	9500	4600	230	7800	NA
4/06/94 <sup>l</sup>				6.14*	93.95	No sheen or odor	96000	6000	3100	95	6200	NA
8/03/94 <sup>e</sup>				6.34*	93.75	Few sheen spots Mild petroleum odor	200000	6500	5700	1500	18000	NA
11/08/94 <sup>e</sup>				3.89†	96.20	Brown NMFP Strong petroleum odor	86000	7400	8500	2200	12000	NA
2/16/95 <sup>e</sup>				5.90*	94.19	Brown NMFP Strong petroleum odor	59000	280	120	120	570	NA

**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	B	T	E	X	MTBE
5/19/95 <sup>e</sup>	MW-3 (100.09)	12	5	4.15†	95.94	Brown NMFP Strong petroleum odor	12000	150	68	69	160	NA
8/18/95 <sup>e</sup>	(95.62) Resurveyed			6.08*	89.54	Brown NMFP Mild petroleum odor	33000	74	28	38	100	NA
11/30/95 <sup>e</sup>				6.26*	89.36	Rainbow sheen spots Light petroleum odor	100000	1300	510	250	2400	NA
2/29/96 <sup>e</sup>				4.37†	91.25	Rainbow sheen spots Mild petroleum odor	15000	12	3.8	10	24	NA
6/07/96 <sup>e</sup>				5.90*	89.72	Rainbow sheen spots Mild petroleum odor	5200	23	6.9	14	34	NA
11/14/96 <sup>e</sup>				6.14*	89.48	Rainbow sheen Light petroleum odor	33000	320	130	250	620	ND<0.500
2/12/97 <sup>e</sup>				4.45†	91.17	No sheen or odor	15000	43	9	20	41	ND<0.5
5/15/97 <sup>e</sup>				5.77*	89.85	No sheen or odor	15000	68	30	60	110	NA
8/27/97 <sup>e</sup>				5.98*	89.64	No sheen Mild sewerage odor	15000	22	5.2	9.7	18	ND<0.5
12/24/97 <sup>e</sup>				5.70*	89.92	Rainbow sheen Strong petroleum odor	15000	150	10	81	110	ND<0.5
3/24/98 <sup>e*</sup>				5.06*	90.56	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
6/25/98 <sup>e*</sup>				5.66*	89.96	Light sheen spots Light sewerage odor	23000	100	22	86	130	ND<0.5
10/12/98 <sup>e*</sup>				5.18*	90.44	Rainbow sheen Light petroleum odor	23000	26	21	48	100	ND<0.5
1/12/99 <sup>e*</sup>				5.42*	90.20	Rainbow sheen Sewerage odor	7200	48	32	44	99	ND<0.5

**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	B	T	E	X	MTBE
4/12/99 <sup>e*</sup>	MW-3 (95.62)	12	5	6.02*	89.60	No sheen Strong sewerage odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
8/28/03 <sup>h</sup>				8.64*	86.98	No sheen or odor	2600	54	ND<25	110	61	ND<5
11/24/03 <sup>b</sup>				7.96*	87.66	Rainbow sheen Petroleum odor	2800	64	ND<25	140	44	ND<5
3/02/04				6.36*	89.26	No sheen or odor	580I	11	ND<5	ND<5	ND<10	ND<10
3/13/91 <sup>a</sup>	OTMW-5 (100.87)	N/A	N/A	5.02	95.85	No sheen Mild petroleum odor	120	46	12	1	4	NA
7/03/91 <sup>a</sup>				5.75	95.12	No sheen Mild petroleum odor	810	320	43	16	43	NA
11/04/91 <sup>b</sup>				5.77	95.10	No sheen Mild petroleum odor	971	100	19	5	13	NA
1/20/91 <sup>c</sup>				5.58	95.29	No sheen Mild petroleum odor	90	0.7	0.7	ND<0.5	11	NA
5/07/92 <sup>d</sup>				5.43	95.44	No sheen Mild petroleum odor	180	27	14	8.2	35	NA
8/17/92 <sup>e</sup>				5.45	95.42	No sheen or odor	87	12	9.8	4	42	NA
12/10/92 <sup>e</sup>				7.30	93.57	No sheen Mild petroleum odor	540	4.7	4.5	6.4	19	NA
3/18/93 <sup>e</sup>				7.11	93.76	No sheen Light sewerage odor	570	6	7.6	11	29	NA
7/13/93 <sup>e</sup>				7.45	93.42	No sheen or odor	3500	6.8	8.6	9.5	36	NA
10/11/93 <sup>f</sup>				7.65	93.22	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA
1/07/94 <sup>f</sup>				7.67	93.20	No sheen or odor	1500	200	98	5	57	NA
4/06/94 <sup>f</sup>				7.72	93.15	No sheen or odor	570	72	36	2.4	22	NA

**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	B	T	E	X	MTBE
8/17/92 <sup>e</sup>	OTMW-6 (N/A)	N/A	N/A	4.88	N/A	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA

**TPHg** - Total Petroleum Hydrocarbons as gasoline

**BTEX** - Benzene, Toluene, Ethylbenzene, Total Xylenes

**GW Elev.** - Groundwater Elevation

**Det.** - Detected

**ND** - Not Detected (Below Laboratory Detection Limit)

★ Well screens are not submerged

**a** - Laboratory analyses were analyzed by Anametrix Inc.

**b** - Laboratory analyses were analyzed by Carter Analytical Laboratory

**c** - Laboratory analyses were analyzed by Chromalab, Inc.

**d** - Laboratory analyses were analyzed by Geochem Labs

**e** - Laboratory analyses were analyzed by Priority Environmental

**f** - Laboratory analyses were analyzed by Argon Mobil Labs

**g** - Laboratory analyses were analyzed by North State Environmental

**h** - Laboratory analyses were analyzed by Entech Analytical Labs

**i** TPH as gasoline value reported possibly aged gasoline

**j** TPH as gasoline reported value is the result of higher boiling point compounds within the TPH as gasoline quantitation range

**k** TPH as gasoline reported value is the results of a high concentration of Benzene and of higher boiling point compounds within TPH as gasoline quantitation range

**l** TPH as gasoline value is the result of discrete peaks within the TPH as gasoline quantitation range

\* Laboratory was not state certified since January 30, 1998

**MTBE** - Methyl Tertiary Butyl Ether

**NMFP** - Non-Measurable Floating Product

**Perf.** - Perforation

**NA** - Not Analyzed

**N/A** - Not Applicable

† Well screens are submerged



**TABLE 2  
GROUNDWATER ANALYTICAL RESULTS FOR  
FUEL OXYGENATE COMPOUNDS (EPA 8260B)**

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
3/11/91a	STMW-1	Not Analyzed	
7/03/91a		Not Analyzed	
11/04/91b		Not Analyzed	
1/20/92c		Not Analyzed	
5/07/92d		Not Analyzed	
8/17/92e		Not Analyzed	
12/10/92e		Not Analyzed	
3/18/93e		Not Analyzed	
7/13/93e		Not Analyzed	
10/11/93f		Not Analyzed	
1/07/94f		Not Analyzed	
4/06/94f		Not Analyzed	
8/03/94g		Not Analyzed	
11/08/94g		Not Analyzed	
2/16/95e		Not Analyzed	
5/19/95e		Not Analyzed	
8/18/95e		Not Analyzed	
11/30/95e		Not Analyzed	
2/29/96e		None Detected	<0.5
6/07/96e		None Detected	<0.5
11/14/96e		Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		Not Sampled	
11/24/03h		Benzene	30000
		Toluene	47000
		Xylenes, Total	20000

**TABLE 2 CONT'D**  
**GROUNDWATER ANALYTICAL RESULTS FOR**  
**FUEL OXYGENATE COMPOUNDS (EPA 8260B)**

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
3/02/04	STMW-1	1,2,4-Trimethylbenzene	3200
		1,3,5-Trimethylbenzene	860
		Benzene	4200
		Ethylbenzene	1800
		Isopropylbenzene	100
		Naphthalene	580
		Toluene	5300
		Xylenes, Total	9100
3/13/91a	STMW-2	Not Analyzed	
7/03/91a		Not Analyzed	
11/04/91b		Not Analyzed	
1/20/92c		Not Analyzed	
5/07/92d		Not Analyzed	
8/17/92e		Not Analyzed	
12/10/92e		Not Analyzed	
3/18/93e		Not Analyzed	
7/13/93e		Not Analyzed	
10/11/93f		Not Analyzed	
1/07/94f		Not Analyzed	
4/06/94f		Not Analyzed	
8/03/94g		Not Analyzed	
11/08/94g		Not Analyzed	
2/16/95e		Not Analyzed	
5/19/95e		Not Analyzed	
8/18/95e		Not Analyzed	
11/30/95e		Not Analyzed	
2/29/96e		None Detected	<0.5
6/07/96e		None Detected	<0.5
11/14/96e		Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	

**TABLE 2 CONT'D  
GROUNDWATER ANALYTICAL RESULTS FOR  
FUEL OXYGENATE COMPOUNDS (EPA 8260B)**

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
8/28/03h	STMW-2	1,2,4-Trimethylbenzene	960
		1,3,5-Trimethylbenzene	290
		Benzene	570
		Ethylbenzene	430
		n-Propylbenzene	220
		Naphthalene	170
		Xylenes, Total	500
11/24/03h		Benzene	100
		Ethylbenzene	38
		n-Propylbenzene	32
		1,2,4-Trimethylbenzene	40
		1,3,5-Trimethylbenzene	16
		Xylenes, Total	29
3/02/04		1,2,4-Trimethylbenzene	120
		1,3,5-Trimethylbenzene	45
		Benzene	430
		Ethylbenzene	140
		Isopropylbenzene	19
		n-Propylbenzene	71
		Naphthalene	41
		Toluene	6.5
		Xylenes, Total	90
11/14/96e	STMW-3	Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		None Detected	<5
11/24/03h		None Detected	<5
3/02/04		None Detected	<0.5
11/14/96e	STMW-4	Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	

**ENVIRO SOIL TECH CONSULTANTS**

**TABLE 2 CONT'D  
GROUNDWATER ANALYTICAL RESULTS FOR  
FUEL OXYGENATE COMPOUNDS (EPA 8260B)**

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
3/24/98e*	STMW-4	Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		None Detected	<5
11/24/03h		None Detected	<5
3/02/04		None Detected	<0.5
11/14/96e	STMW-5	None Detected	<0.5
2/12/97e		None Detected	<0.5
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		None Detected	<0.5
3/24/98e*		None Detected	<0.5
6/25/98e*		None Detected	<0.5
10/12/98e*		None Detected	<0.5
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		None Detected	<5
11/24/03h		None Detected	<5
3/02/04		Tetrachloroethene	1.9
3/11/91a	MW-2	Not Analyzed	
7/03/91a		Not Analyzed	
11/04/91b		Not Analyzed	
1/20/92c		Not Analyzed	
5/07/92d		Not Analyzed	
8/17/92e		Not Analyzed	
12/10/92e		Not Analyzed	
3/18/93e		Not Analyzed	
7/13/93e		Not Analyzed	
10/11/93f		Not Analyzed	
1/07/94f		Not Analyzed	
4/06/94f		Not Analyzed	
8/03/94g		Not Analyzed	
11/08/94g		Not Analyzed	
2/16/95e		Not Analyzed	
5/19/95e		Not Analyzed	
8/18/95e		Not Analyzed	
11/30/95e		Not Analyzed	

**TABLE 2 CONT'D  
GROUNDWATER ANALYTICAL RESULTS FOR  
FUEL OXYGENATE COMPOUNDS (EPA 8260B)**

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
2/29/96e	MW-2	None Detected	<0.5
6/07/96e		None Detected	<0.5
11/14/96e		Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		None Detected	<5
11/24/03h		None Detected	<5
3/02/04		Benzene	27
3/11/91a	MW-3	Not Analyzed	
7/03/91a		Not Analyzed	
11/04/91b		Not Analyzed	
1/20/92c		Not Analyzed	
5/07/92d		Not Analyzed	
8/17/92e		Not Analyzed	
12/10/92e		Not Analyzed	
3/18/93e		Not Analyzed	
7/13/93e		Not Analyzed	
10/11/93f		Not Analyzed	
1/07/94f		Not Analyzed	
4/06/94f		Not Analyzed	
8/03/94g		Not Analyzed	
11/08/94g		Not Analyzed	
2/16/95e		Not Analyzed	
5/19/95e		Not Analyzed	
8/18/95e		Not Analyzed	
11/30/95e		Not Analyzed	
2/29/96e		1,2-Dichloroethene (Total)	35
		Chloroform	160
		Trichloroethene	110
		Tetrachloroethene	80
6/07/96e		Chloroform	31
		Trichloroethene	110
		Tetrachloroethene	61

**TABLE 2 CONT'D**  
**GROUNDWATER ANALYTICAL RESULTS FOR**  
**FUEL OXYGENATE COMPOUNDS (EPA 8260B)**

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
11/14/96e	MW-3	None Detected	<0.5
2/12/97e		None Detected	<0.5
5/15/97e		None Detected	<0.5
8/27/97e		None Detected	<0.5
12/24/97e		None Detected	<0.5
3/24/98e*		None Detected	<0.5
6/25/98e*		None Detected	<0.5
10/12/98e*		None Detected	<0.5
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		1,2,4-Trimethylbenzene	190
		1,3,5-Trimethylbenzene	38
		Benzene	54
		Ethylbenzene	110
		n-Propylbenzene	40
		Naphthalene	29
		Xylenes, Total	61
11/24/03h		Benzene	64
		Ethylbenzene	140
		n-Propylbenzene	55
		1,2,4-Trimethylbenzene	120
		1,3,5-Trimethylbenzene	30
		Xylenes, Total	44
3/02/04		Benzene	11
		cis-1,2-Dichloroethene	440
		Tetrachloroethene	850
		Trichloroethene	190
		Vinyl Chloride	5.3

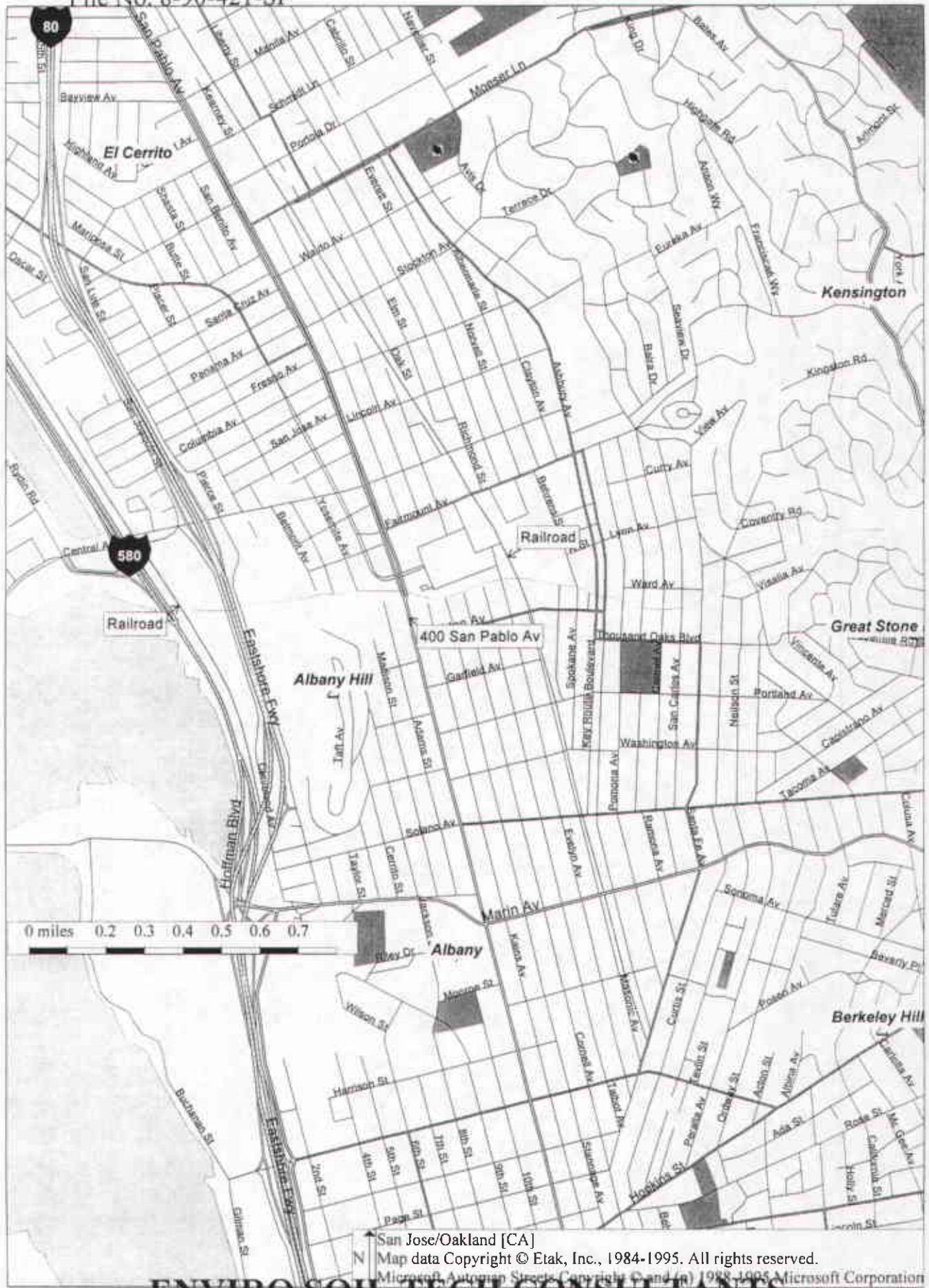
- a - Laboratory analyses were analyzed by Anametrix Inc.  
b - Laboratory analyses were analyzed by Carter Analytical Laboratory  
c - Laboratory analyses were analyzed by Chromalab, Inc.  
d - Laboratory analyses were analyzed by Geochem Labs  
e - Laboratory analyses were analyzed by Priority Environmental Labs  
f - Laboratory analyses were analyzed by Argon Mobil Labs  
g - Laboratory analyses were analyzed by North State Environmental  
h - Laboratory analyses were analyzed by Entech Analytical Labs  
\* Laboratory was not state certified since January 30, 1998

File No. 8-90-421-SI

**A P P E N D I X "B"**

**FIGURES**

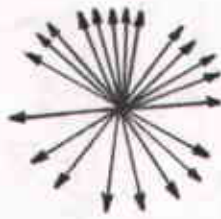
**ENVIRO SOIL TECH CONSULTANTS**



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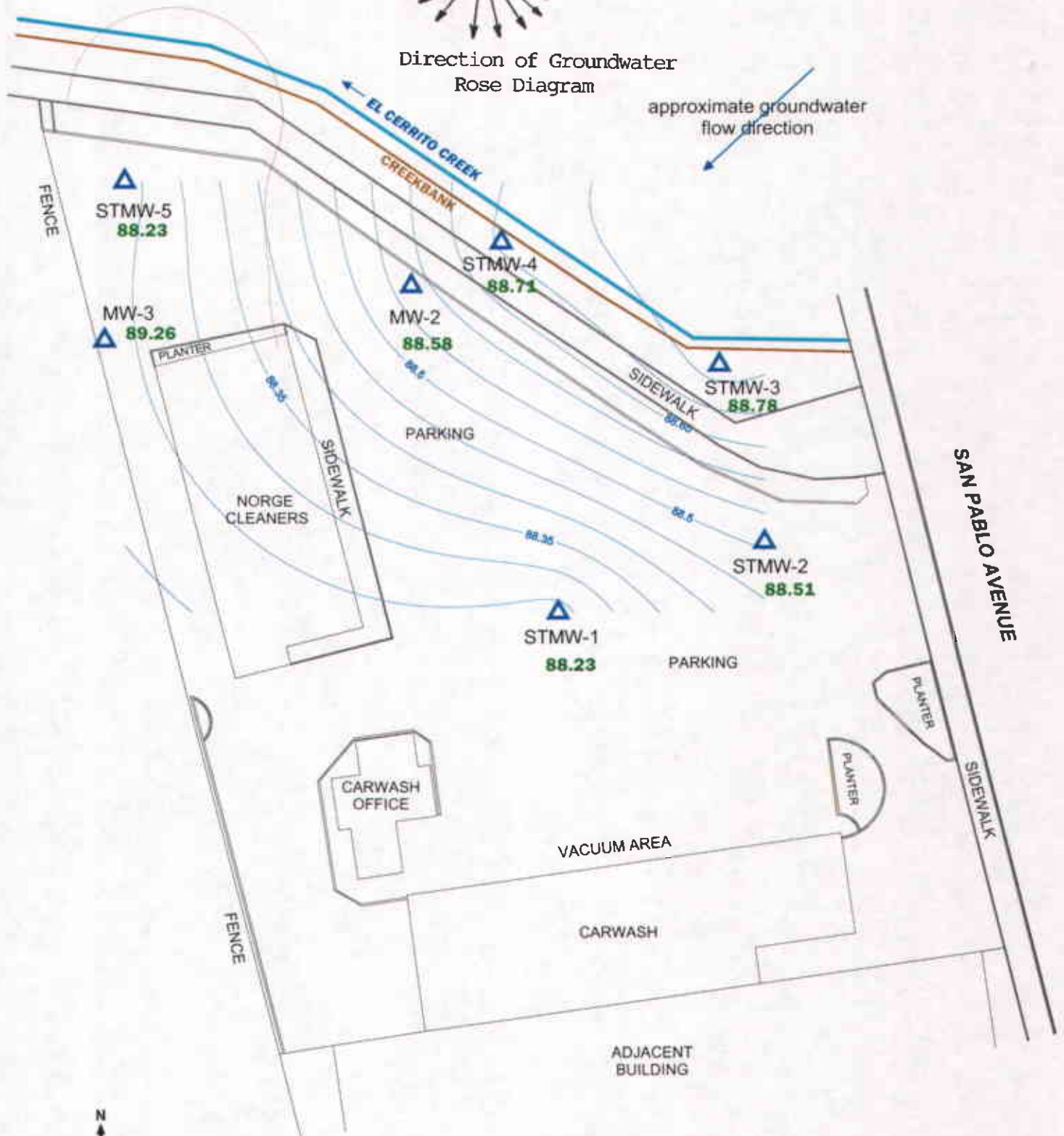
Figure 1





Direction of Groundwater  
Rose Diagram

approximate groundwater  
flow direction



▲ MONITORING WELL

NOTES:  
MW-3 was omitted from the  
contour as an anomaly.

Figure 2: Groundwater elevation contour map in feet.  
March 2, 2004.

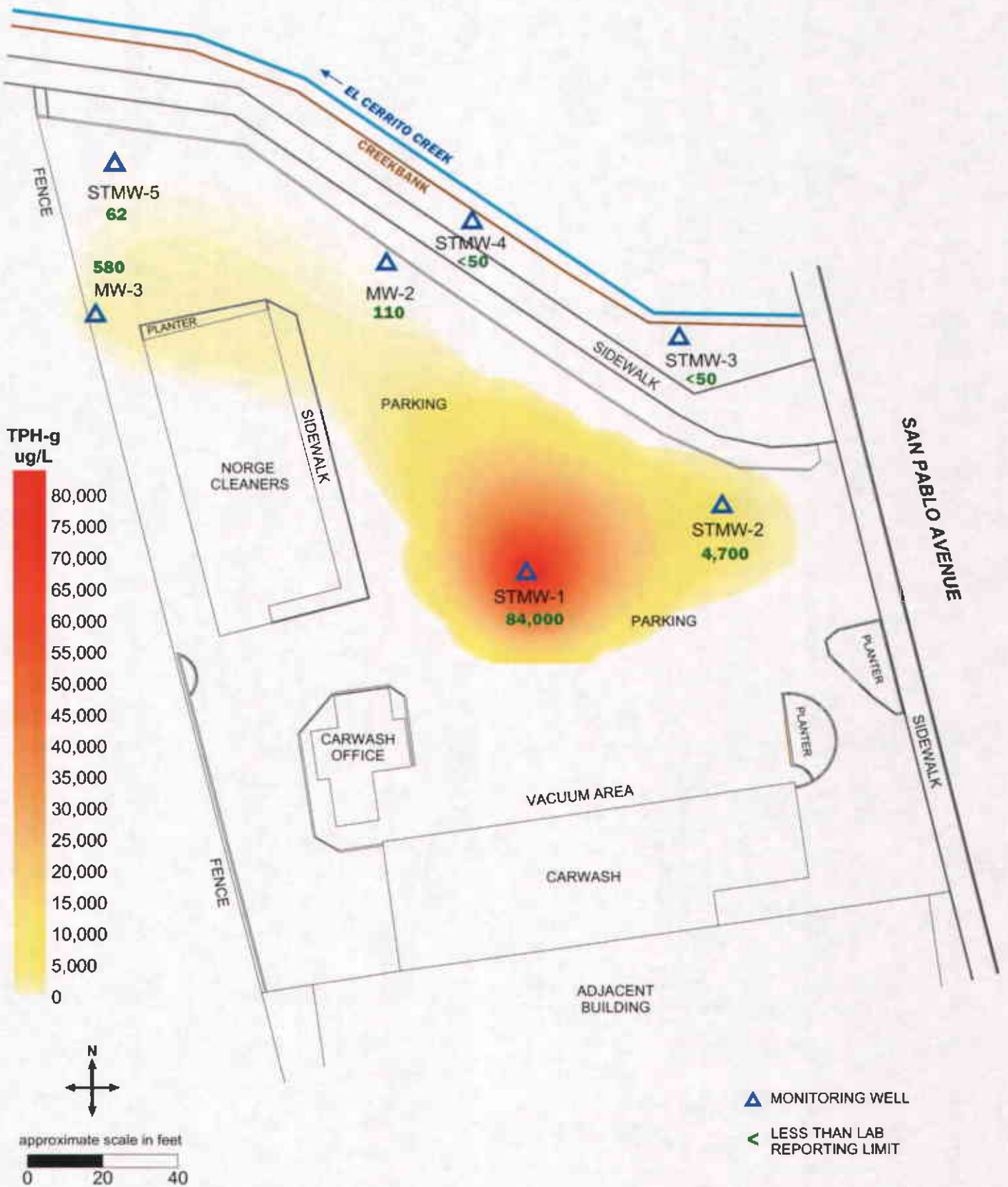


Figure 3: Contour map of TPH-g concentrations in the groundwater.  
March 2, 2004.

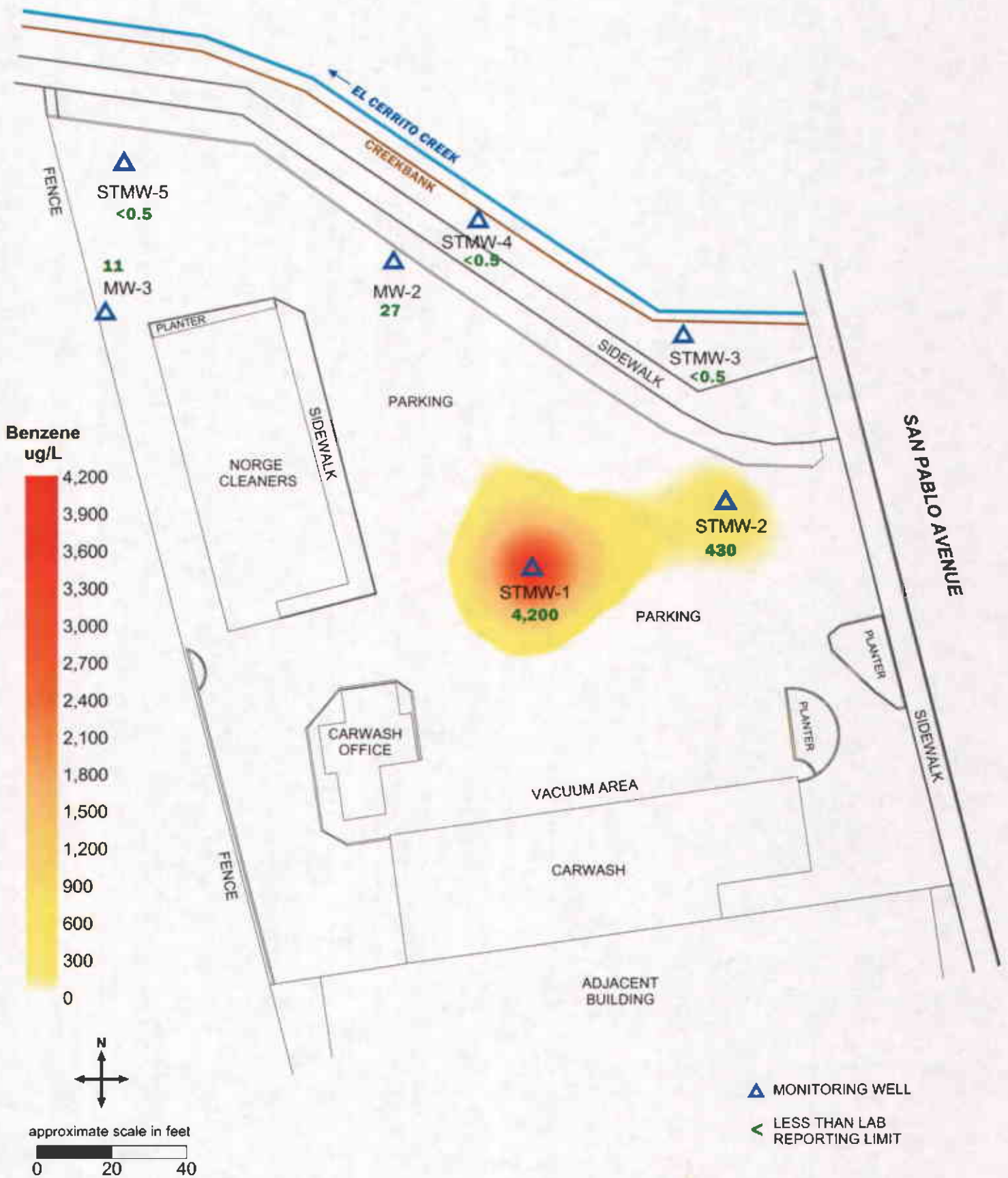


Figure 4: Contour map of Benzene concentrations in the groundwater.  
March 2, 2004.

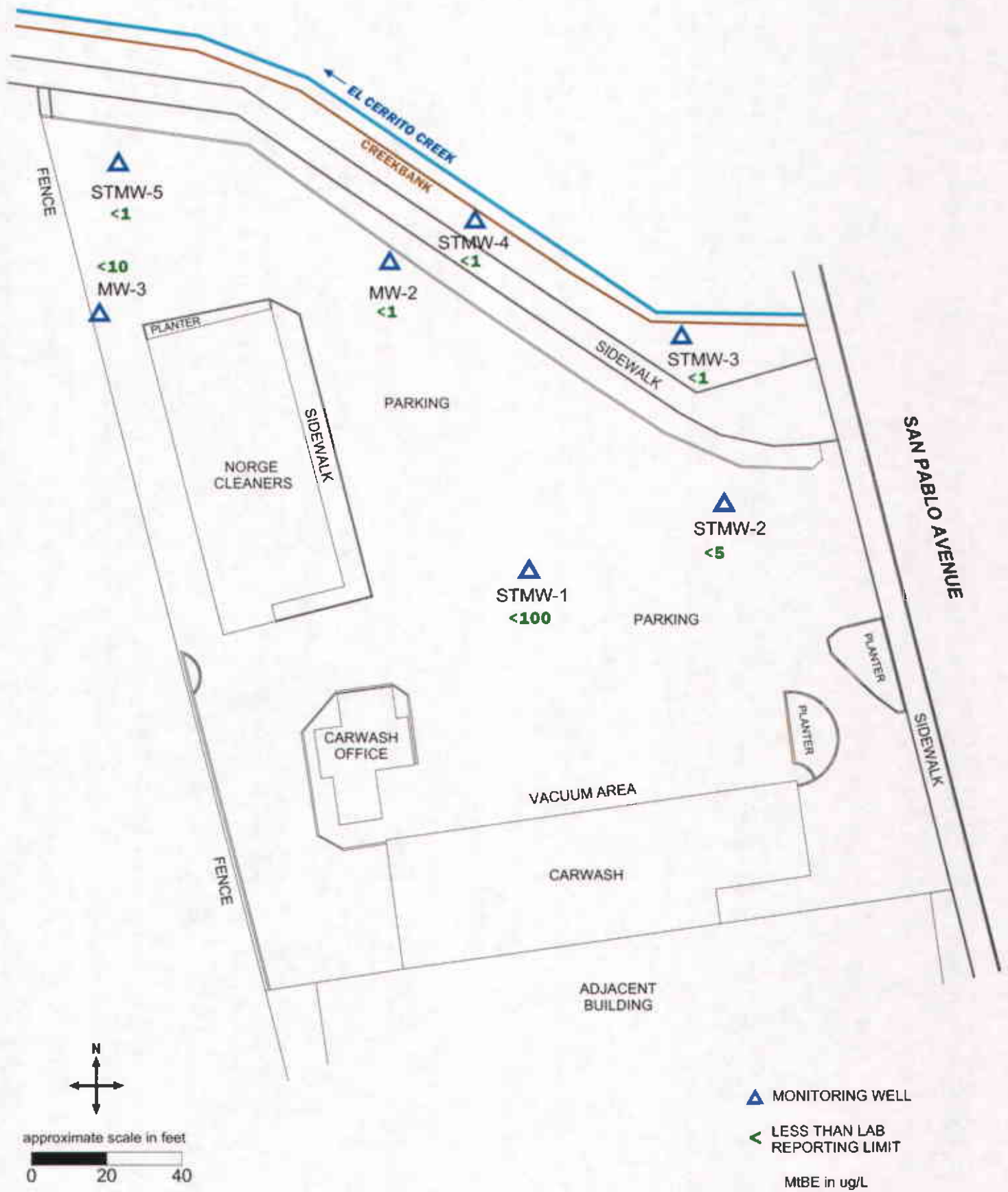


Figure 5: Map of MtBE concentrations in the groundwater.  
March 2, 2004.

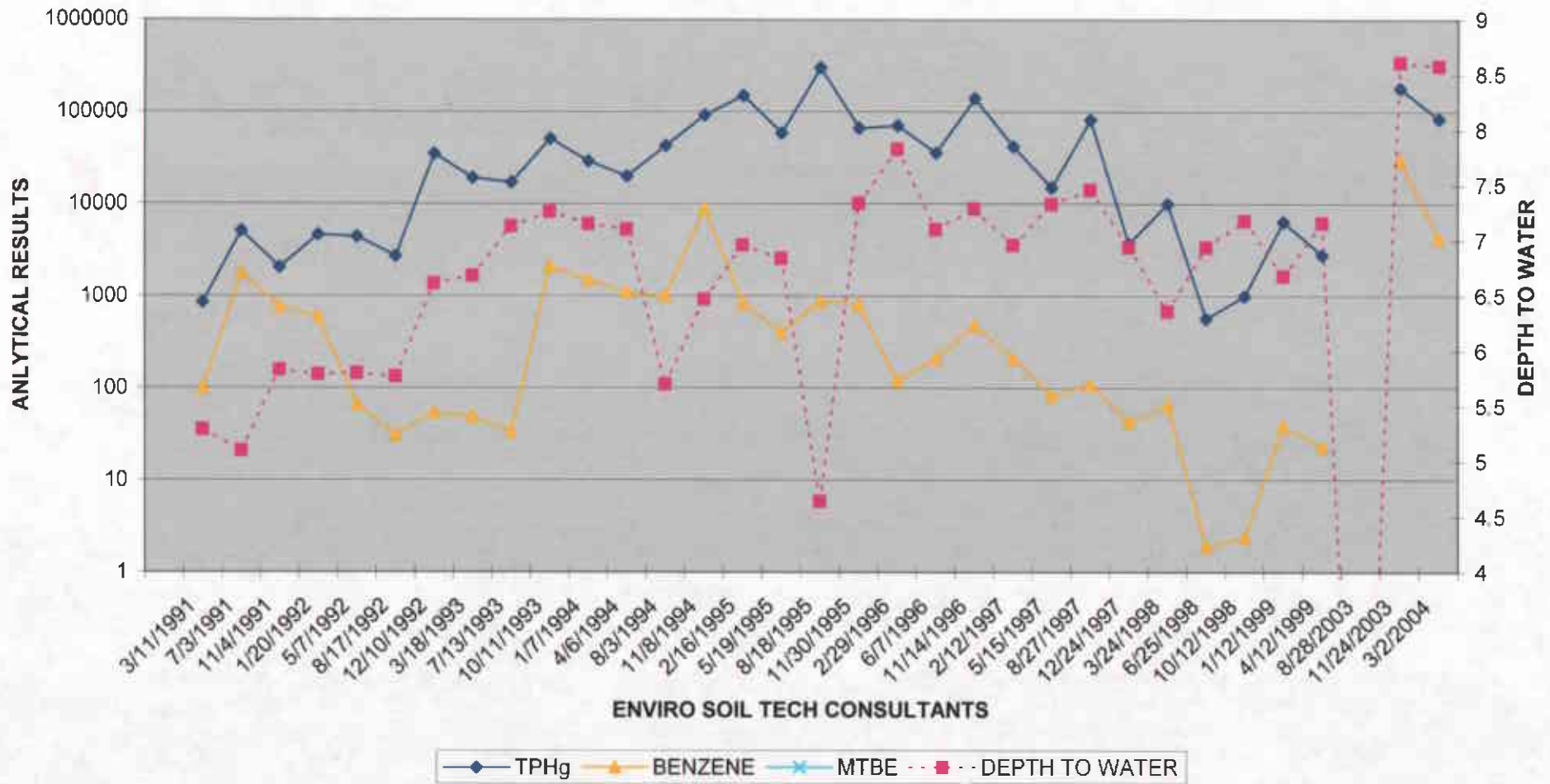
File No. 8-90-421-SI

**A P P E N D I X "C"**

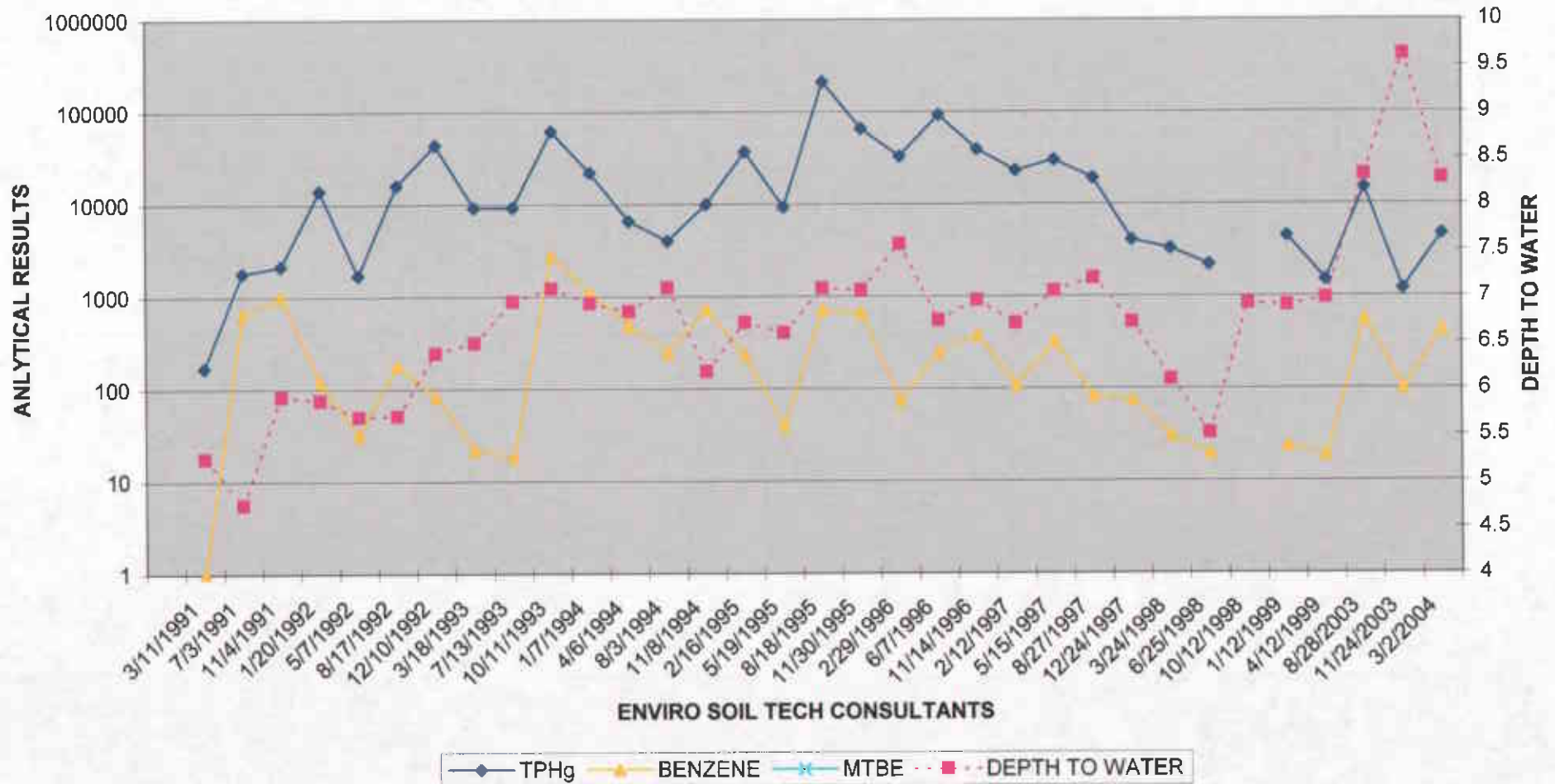
**HYDROGRAPHS**

**ENVIRO SOIL TECH CONSULTANTS**

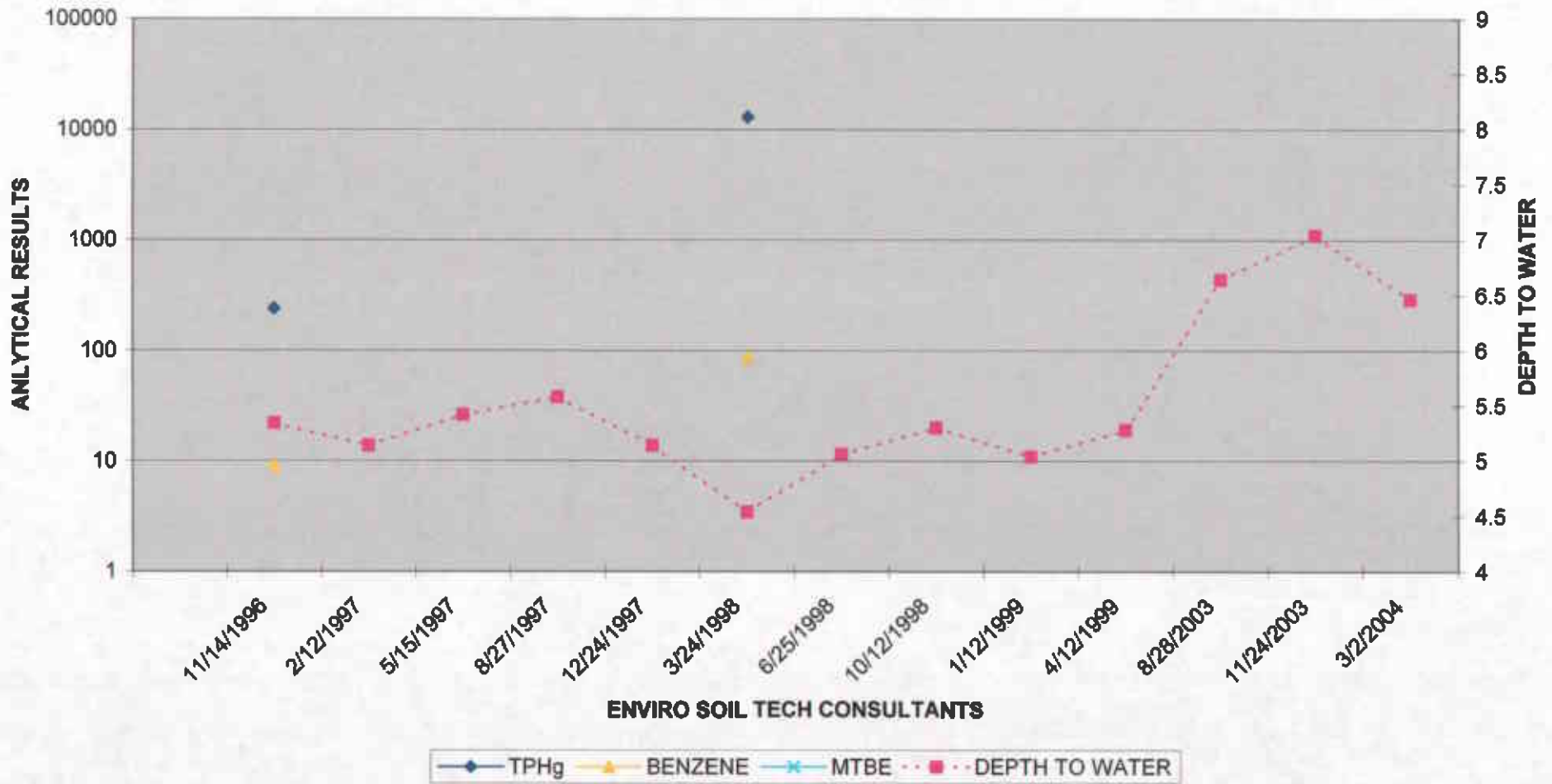
File No.: 8-90-421-SI  
 TPHg, BENZENE & MTBE FOR STMW-1 ( $\mu\text{g/L}$ )  
 AND DEPTH TO WATER MEASUREMENT (Feet)



File No.: 8-90-421-SI  
 TPHg, BENZENE & MTBE FOR STMW-2 (µg/L)  
 AND DEPTH TO WATER MEASUREMENT (Feet)



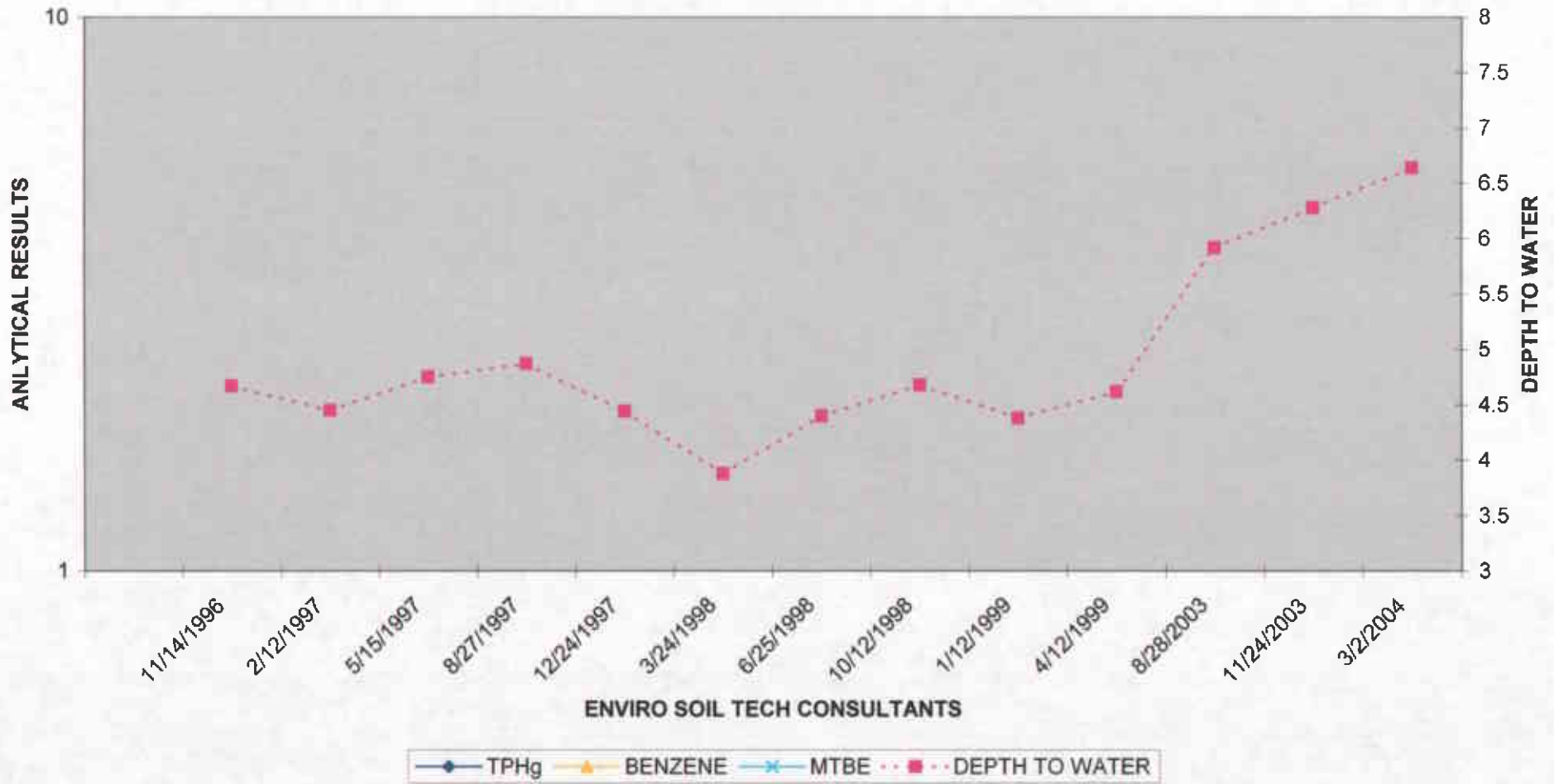
File No.: 8-90-421-SI  
 TPHg, BENZENE & MTBE FOR STMW-3 (µg/L)  
 AND DEPTH TO WATER MEASUREMENT (Feet)



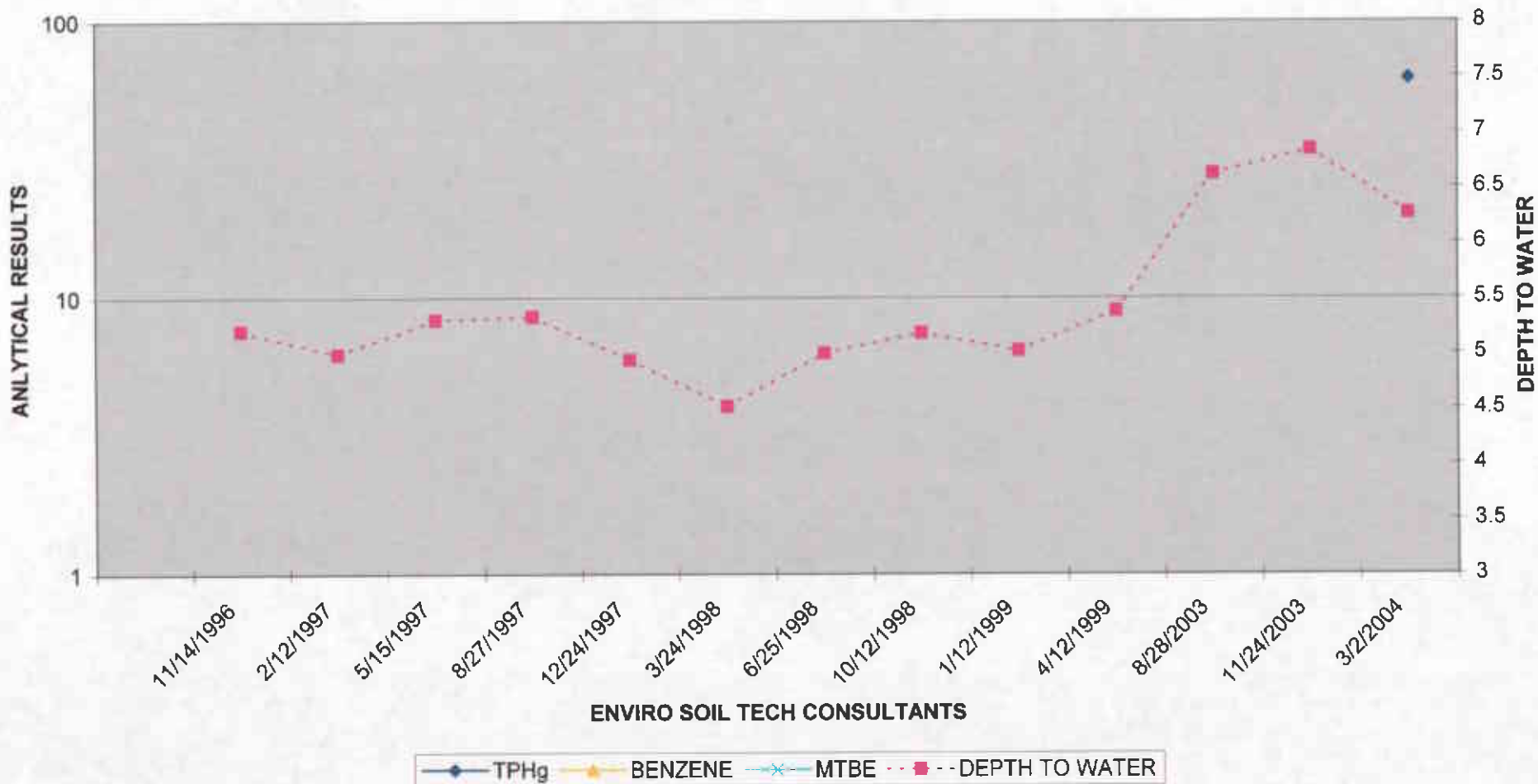
ENVIRO SOIL TECH CONSULTANTS



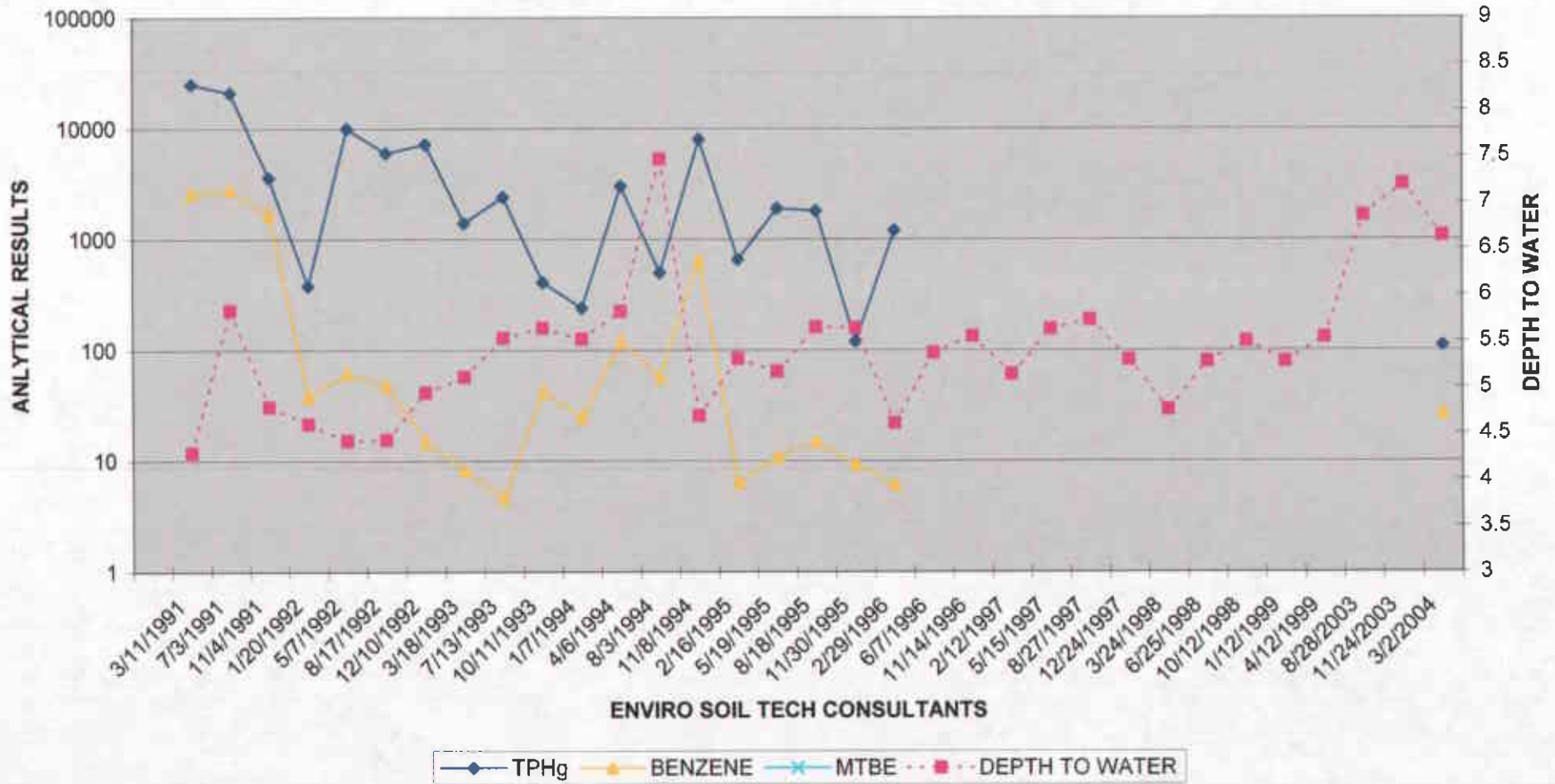
File No.: 8-90-421-SI  
TPHg, BENZENE & MTBE FOR STMW-4 ( $\mu\text{g/L}$ )  
AND DEPTH TO WATER MEASUREMENT (Feet)



File No.: 8-90-421-SI  
 TPHg, BENZENE & MTBE FOR STMW-5 ( $\mu\text{g/L}$ )  
 AND DEPTH TO WATER MEASUREMENT (Feet)



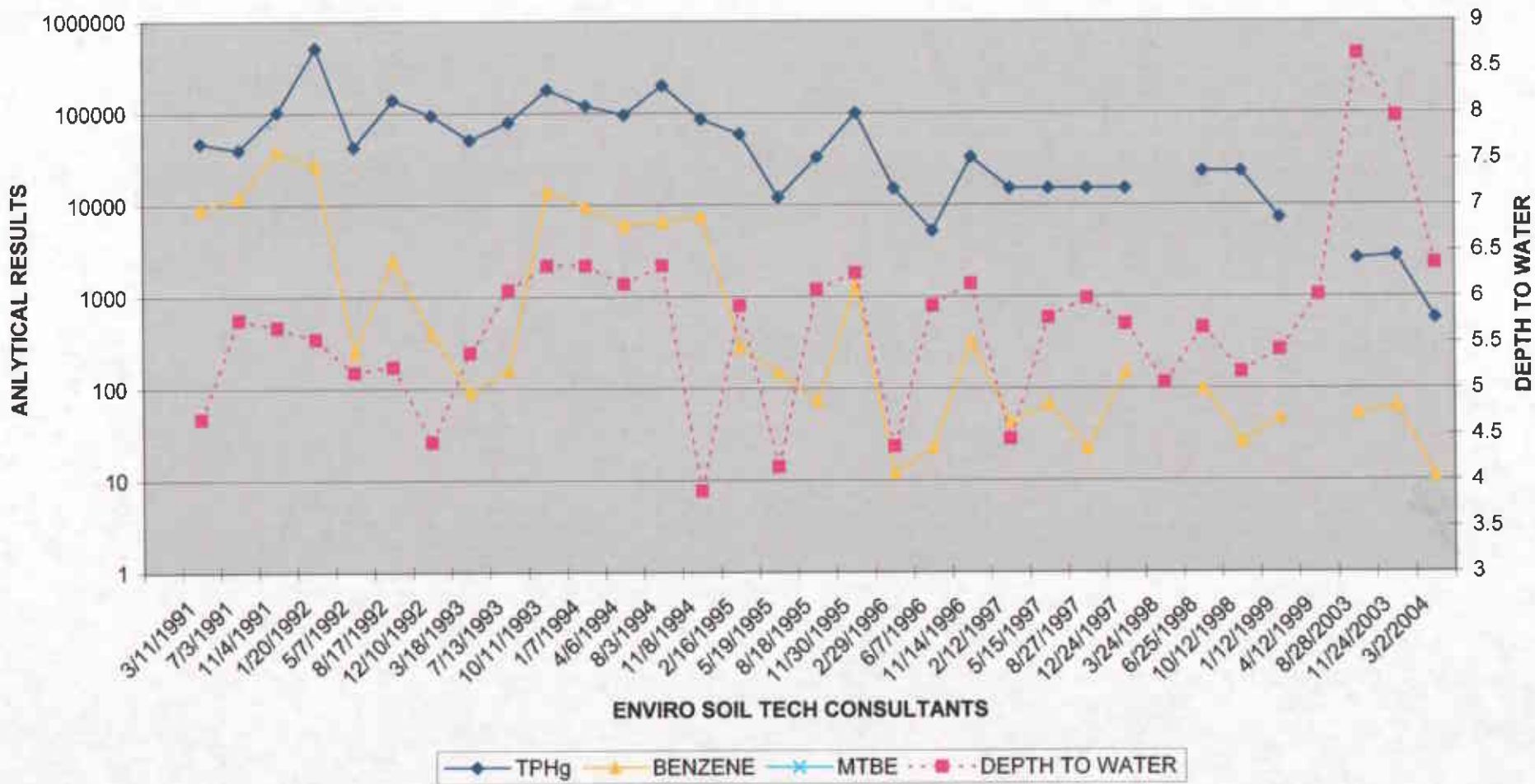
File No.: 8-90-421-SI  
 TPHg, BENZENE & MTBE FOR MW-2 (µg/L)  
 AND DEPTH TO WATER MEASUREMENT (Feet)



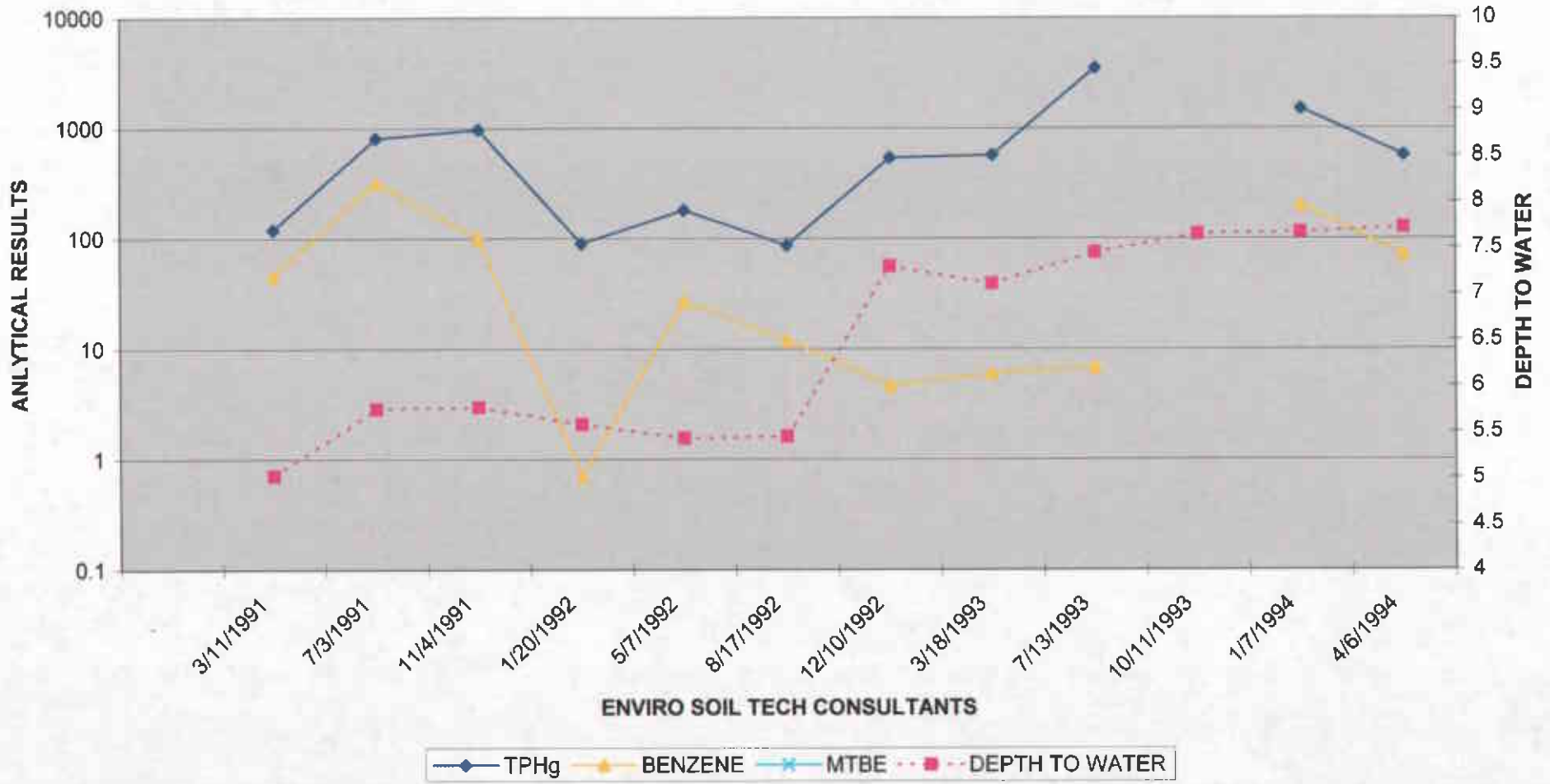
ENVIRO SOIL TECH CONSULTANTS



File No.: 8-90-421-SI  
 TPHg, BENZENE & MTBE FOR MW-3 (µg/L)  
 AND DEPTH TO WATER MEASUREMENT (Feet)



File No.: 8-90-421-SI  
 TPHg, BENZENE & MTBE FOR OTMW-5 (µg/L)  
 AND DEPTH TO WATER MEASUREMENT (Feet)



File No. 8-90-421-SI

**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 with Teflon septa were used as sample containers. The groundwater sample was decanted into each VOA vial in such a manner that there was a meniscus at the top. The cap was quickly placed over the top of the vial and securely tightened. The VOA vial was 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. 8-90-421-SI

**A P P E N D I X "E"**

**ANALYTICAL LABORATORY REPORT**

**ENVIRO SOIL TECH CONSULTANTS**



# Entech Analytical Labs, Inc.

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

March 16, 2004

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

<b>Order:</b> 38125	<b>Date Collected:</b> 3/2/2004
<b>Project Name:</b> 400 San Pablo Avenue, Albany	<b>Date Received:</b> 3/4/2004
<b>Project Number:</b> 8-90-421-SI	<b>P.O. Number:</b> 8-90-421-SI
<b>Project Notes:</b>	

On March 04, 2004, samples were received under documented chain of custody. Results for the following analyses are attached:

<u>Matrix</u>	<u>Test</u>	<u>Method</u>	<u>Comments</u>
Liquid	EPA 8260B	EPA 8260B	
	TPH as Gasoline	EPA 8015 MOD. (Purge	

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,



Patti Sandrock  
QA/QC Manager

# 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

Date: 3/9/04  
Date Received: 3/4/04  
Project Name: 400 San Pablo Avenue, Albany  
Project Number: 8-90-421-SI  
P.O. Number: 8-90-421-SI  
Sampled By: Client

## Certified Analytical Report

Order ID: 38125      Lab Sample ID: 38125-001      Client Sample ID: STMW-1

Sample Time: 3:39 PM      Sample Date: 3/2/04      Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	84000		500	50	25000	µg/L	N/A	3/8/04	WGC43077	EPA 8015 MOD. (Purgeable)
							Surrogate	Surrogate Recovery		Control Limits (%)
							4-Bromofluorobenzene	108.2		65 - 135

DF = Dilution Factor      ND = Not Detected      DLR = Detection Limit Reported      PQL = Practical Quantitation Limit

Analyst: Jr      Date: 3/9/04      Supervisor: Wes      Date: 03/09/04

# 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

Date: 3/9/04  
 Date Received: 3/4/04  
 Project Name: 400 San Pablo Avenue, Albany  
 Project Number: 8-90-421-SI  
 P.O. Number: 8-90-421-SI  
 Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-002

Client Sample ID: STMW-2

Sample Time: 2:40 PM

Sample Date: 3/2/04

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	4700	x	20	50	1000	µg/L	N/A	3/8/04	WGC43077	EPA 8015 MOD. (Purgeable)
							Surrogate 4-Bromofluorobenzene	Surrogate Recovery 119.4		Control Limits (%) 65 - 135

Comment: TPH as Gasoline value reported possibly aged Gasoline.

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analyst

Date

Supervisor

Date

*Jc*

*3,900*

*mc*

*03/09/04*

# 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

Date: 3/9/04  
 Date Received: 3/4/04  
 Project Name: 400 San Pablo Avenue, Albany  
 Project Number: 8-90-421-SI  
 P.O. Number: 8-90-421-SI  
 Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-003

Client Sample ID: STMW-3

Sample Time: 1:31 PM

Sample Date: 3/2/04

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	3/8/04	WGC43077	EPA 8015 MOD. (Purgeable)
							Surrogate	Surrogate Recovery		Control Limits (%)
							4-Bromofluorobenzene	98.7		65 - 135

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analyst

Date

Supervisor

Date

*JL*

*3,904*

*WAC*

*03/09/04*

# 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

Date: 3/9/04  
Date Received: 3/4/04  
Project Name: 400 San Pablo Avenue, Albany  
Project Number: 8-90-421-SI  
P.O. Number: 8-90-421-SI  
Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-004

Client Sample ID: STMW-4

Sample Time: 12:34 PM

Sample Date: 3/2/04

Matrix: Liquid


Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	3/8/04	WGC43077	EPA 8015 MOD. (Purgeable)
			Surrogate				Surrogate Recovery	Control Limits (%)		
			4-Bromofluorobenzene				96.7	65 - 135		

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

  
\_\_\_\_\_  
Analyst

3, 9, 04  
\_\_\_\_\_  
Date

WJ  
\_\_\_\_\_  
Supervisor

03 / 09 / 04  
\_\_\_\_\_  
Date

# 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

Date: 3/16/2004  
Date Received: 3/4/2004  
Project Name: 400 San Pablo Avenue, Albany  
Project Number: 8-90-421-SI  
P.O. Number: 8-90-421-SI  
Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-005

Client Sample ID: STMW-5

Sample Time: 10:30 AM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method	
TPH as Gasoline	62	x	1	50	50	µg/L	N/A	3/9/2004	WGC43078	EPA 8015 MOD. (Purgeable)	
Surrogate 4-Bromofluorobenzene							Surrogate Recovery 129.4		Control Limits (%) 65 - 135		

Comment: TPH as Gasoline reported value is the result of higher boiling point compounds within the TPH as Gasoline quantitation range.

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analyst

Date

Supervisor

Date

*MR*

*03/16/04*

*MCS*

*03/16/04*

# 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

Date: 3/16/2004  
Date Received: 3/4/2004  
Project Name: 400 San Pablo Avenue, Albany  
Project Number: 8-90-421-SI  
P.O. Number: 8-90-421-SI  
Sampled By: Client

## Certified Analytical Report

Order ID: 38125 Lab Sample ID: 38125-006 Client Sample ID: MW-2  
Sample Time: 11:28 AM Sample Date: 3/2/2004 Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method	
TPH as Gasoline	110	x	1	50	50	µg/L	N/A	3/9/2004	WGC43078	EPA 8015 MOD. (Purgeable)	
Surrogate							Surrogate Recovery		Control Limits (%)		
4-Bromofluorobenzene							102.0		65 - 135		

Comment: TPH as Gasoline reported value is the results of a high concentration of Benzene and of higher boiling point compounds within TPH as Gasoline quantitation range.

DF = Dilution Factor      ND = Not Detected      DLR = Detection Limit Reported      PQL = Practical Quantitation Limit

Analyst: WRL Date: 03,16,04      Supervisor: WRL Date: 03/16/04

# Entech Analytical Labs, Inc.

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

Date: 3/9/04  
Date Received: 3/4/04  
Project Name: 400 San Pablo Avenue, Albany  
Project Number: 8-90-421-SI  
P.O. Number: 8-90-421-SI  
Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-007

Client Sample ID: MW-3

Sample Time: 9:21 AM

Sample Date: 3/2/04

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	580	x	1	50	50	µg/L	N/A	3/8/04	WGC43077	EPA 8015 MOD. (Purgeable)
				Surrogate			Surrogate Recovery		Control Limits (%)	
				4-Bromofluorobenzene			90.5		65 - 135	

Comment: TPH as Gasoline value is the result of discrete peaks within the TPH as Gasoline quantitation range.

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

J  
Analyst

3/9/04  
Date

Wes  
Supervisor

03/09/04  
Date



# Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

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Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-001

Client Sample ID: STMW-1

Sample Time: 3:39 PM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,1-Trichloroethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2-Trichloroethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloropropene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichlorobenzene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichloropropane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trichlorobenzene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trimethylbenzene	3200		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromoethane (EDB)	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichlorobenzene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloroethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloropropane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3,5-Trimethylbenzene	860		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichlorobenzene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichloropropane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dichlorobenzene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dioxane	ND		100	50	5000	µg/L	3/10/2004	WMS210565	EPA 8260B
2,2-Dichloropropane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Butanone (MEK)	ND		100	20	2000	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chlorotoluene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Hexanone	ND		100	20	2000	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Chlorotoluene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		100	20	2000	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetone	ND		100	20	2000	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetonitrile	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrolein	ND		100	1	100	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrylonitrile	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Benzene	4200		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromobenzene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromochloromethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromodichloromethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromoform	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromomethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Disulfide	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Tetrachloride	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Chlorobenzene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroform	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloromethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
cis-1,2-Dichloroethene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# Entech Analytical Labs, Inc.

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Phone: (408) 588-0200

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Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-001

Client Sample ID: STMW-1

Sample Time: 3:39 PM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Cyclohexanone	ND		100	20	2000	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromochloromethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromomethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Dichlorodifluoromethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Diisopropyl Ether	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
Ethyl Benzene	1800		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Freon 113	ND		100	1	100	µg/L	3/10/2004	WMS210565	EPA 8260B
Hexachlorobutadiene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
Iodomethane	ND		100	1	100	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropanol	ND		100	20	2000	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropylbenzene	100		100	1	100	µg/L	3/10/2004	WMS210565	EPA 8260B
Methyl-t-butyl Ether	ND		100	1	100	µg/L	3/10/2004	WMS210565	EPA 8260B
Methylene Chloride	ND		100	20	2000	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Butylbenzene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Propylbenzene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
Naphthalene	580		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
p-Isopropyltoluene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
Pentachloroethane	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
sec-Butylbenzene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
Styrene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Amyl Methyl Ether	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butanol (TBA)	ND		100	10	1000	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butyl Ethyl Ether	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butylbenzene	ND		100	5	500	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrachloroethene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrahydrofuran	ND		100	20	2000	µg/L	3/10/2004	WMS210565	EPA 8260B
Toluene	5300		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,2-Dichloroethene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,3-Dichloropropene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		100	1	100	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichloroethene	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichlorofluoromethane	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Vinyl Chloride	ND		100	0.5	50	µg/L	3/10/2004	WMS210565	EPA 8260B
Xylenes, Total	9100		100	1	100	µg/L	3/10/2004	WMS210565	EPA 8260B

### Surrogate

### Surrogate Recovery

### Control Limits (%)

4-Bromofluorobenzene

97.3

64 - 125

Dibromofluoromethane

96.9


23 - 172

Toluene-d8

99.2

70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Analyzed by: 

Reviewed by: 

# 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

Date: 3/15/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-002

Client Sample ID: STMW-2

Sample Time: 2:40 PM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1,1-Trichloroethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1,2-Trichloroethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1-Dichloroethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1-Dichloroethene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1-Dichloropropene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2,3-Trichlorobenzene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2,3-Trichloropropane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2,4-Trichlorobenzene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2,4-Trimethylbenzene	120		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dibromoethane (EDB)	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dichlorobenzene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dichloroethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dichloropropane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,3,5-Trimethylbenzene	45		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
1,3-Dichlorobenzene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,3-Dichloropropane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,4-Dichlorobenzene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,4-Dioxane	ND		5	50	250	µg/L	3/12/2004	WMS210570	EPA 8260B
2,2-Dichloropropane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
2-Butanone (MEK)	ND		5	20	100	µg/L	3/12/2004	WMS210570	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
2-Chlorotoluene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
2-Hexanone	ND		5	20	100	µg/L	3/12/2004	WMS210570	EPA 8260B
4-Chlorotoluene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		5	20	100	µg/L	3/12/2004	WMS210570	EPA 8260B
Acetone	ND		5	20	100	µg/L	3/12/2004	WMS210570	EPA 8260B
Acetonitrile	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
Acrolein	ND		5	1	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Acrylonitrile	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Benzene	430		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromobenzene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromochloromethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromodichloromethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromoform	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromomethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Carbon Disulfide	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Carbon Tetrachloride	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Chlorobenzene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Chloroethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Chloroform	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Chloromethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
cis-1,2-Dichloroethene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# Entech Analytical Labs, Inc.

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Phone: (408) 588-0200

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Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/15/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-002

Client Sample ID: STMW-2

Sample Time: 2:40 PM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Cyclohexanone	ND		5	20	100	µg/L	3/12/2004	WMS210570	EPA 8260B
Dibromochloromethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Dibromomethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Dichlorodifluoromethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Diisopropyl Ether	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
Ethyl Benzene	140		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Freon 113	ND		5	1	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Hexachlorobutadiene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
Iodomethane	ND		5	1	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Isopropanol	ND		5	20	100	µg/L	3/12/2004	WMS210570	EPA 8260B
Isopropylbenzene	19		5	1	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Methyl-t-butyl Ether	ND		5	1	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Methylene Chloride	ND		5	20	100	µg/L	3/12/2004	WMS210570	EPA 8260B
n-Butylbenzene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
n-Propylbenzene	71		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
Naphthalene	41		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
p-Isopropyltoluene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
Pentachloroethane	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
sec-Butylbenzene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
Styrene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
tert-Amyl Methyl Ether	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
tert-Butanol (TBA)	ND		5	10	50	µg/L	3/12/2004	WMS210570	EPA 8260B
tert-Butyl Ethyl Ether	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
tert-Butylbenzene	ND		5	5	25	µg/L	3/12/2004	WMS210570	EPA 8260B
Tetrachloroethene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Tetrahydrofuran	ND		5	20	100	µg/L	3/12/2004	WMS210570	EPA 8260B
Toluene	6.5		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
trans-1,2-Dichloroethene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
trans-1,3-Dichloropropene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		5	1	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Trichloroethene	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Trichlorofluoromethane	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Vinyl Chloride	ND		5	0.5	2.5	µg/L	3/12/2004	WMS210570	EPA 8260B
Xylenes, Total	90		5	1	5	µg/L	3/12/2004	WMS210570	EPA 8260B

### Surrogate

### Surrogate Recovery

### Control Limits (%)

4-Bromofluorobenzene  
Dibromofluoromethane  
Toluene-d8

100.5  
99.9  
96.9

64 - 125  
23 - 172  
70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Analyzed by:                     

Reviewed by:

# 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

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-003

Client Sample ID: STMW-3

Sample Time: 1:31 PM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,1-Trichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2-Trichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dioxane	ND		1	50	50	µg/L	3/10/2004	WMS210565	EPA 8260B
2,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetonitrile	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrolein	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrylonitrile	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Benzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromochloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromodichloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromoform	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromomethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Disulfide	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Tetrachloride	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroform	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
cis-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# Entech Analytical Labs, Inc.

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Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-003

Client Sample ID: STMW-3

Sample Time: 1:31 PM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Cyclohexanone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromochloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromomethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Dichlorodifluoromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Ethyl Benzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Freon 113	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Iodomethane	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropanol	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropylbenzene	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Methyl-t-butyl Ether	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Methylene Chloride	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Styrene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butanol (TBA)	ND		1	10	10	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrachloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrahydrofuran	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Toluene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichlorofluoromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Vinyl Chloride	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Xylenes, Total	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B

**Surrogate**

**Surrogate Recovery**

**Control Limits (%)**

4-Bromofluorobenzene

102.8

64 - 125

Dibromofluoromethane

99.2


23 - 172

Toluene-d8

100.0

70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Analyzed by: 

Reviewed by: 

# Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

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Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-004

Client Sample ID: STMW-4

Sample Time: 12:34 PM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,1-Trichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2-Trichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dioxane	ND		1	50	50	µg/L	3/10/2004	WMS210565	EPA 8260B
2,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetonitrile	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrolein	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrylonitrile	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Benzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromochloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromodichloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromoform	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromomethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Disulfide	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Tetrachloride	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroform	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
cis-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# Entech Analytical Labs, Inc.

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San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-004

Client Sample ID: STMW-4

Sample Time: 12:34 PM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Cyclohexanone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromochloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromomethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Dichlorodifluoromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Ethyl Benzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Freon 113	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Iodomethane	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropanol	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropylbenzene	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Methyl-t-butyl Ether	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Methylene Chloride	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Styrene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butanol (TBA)	ND		1	10	10	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrachloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrahydrofuran	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Toluene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichlorofluoromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Vinyl Chloride	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Xylenes, Total	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B

**Surrogate**

**Surrogate Recovery**

**Control Limits (%)**

4-Bromofluorobenzene

102.9

64 - 125

Dibromofluoromethane

99.1


23 - 172


Toluene-d8

100.4

70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Analyzed by: 

Reviewed by: 



# 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

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-005

Client Sample ID: STMW-5

Sample Time: 10:30 AM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,1-Trichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2-Trichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dioxane	ND		1	50	50	µg/L	3/10/2004	WMS210565	EPA 8260B
2,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetonitrile	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrolein	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrylonitrile	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Benzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromochloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromodichloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromoform	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromomethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Disulfide	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Tetrachloride	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroform	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
cis-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# 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

Date: 3/12/2004  
Date Received: 3/4/2004  
Project Name: 400 San Pablo Avenue, Albany  
Project Number: 8-90-421-SI  
P.O. Number: 8-90-421-SI  
Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-005

Client Sample ID: STMW-5

Sample Time: 10:30 AM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Cyclohexanone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromochloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromomethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Dichlorodifluoromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Ethyl Benzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Freon 113	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Iodomethane	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropanol	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropylbenzene	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Methyl-t-butyl Ether	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Methylene Chloride	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Styrene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butanol (TBA)	ND		1	10	10	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrachloroethene	1.9		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrahydrofuran	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Toluene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichlorofluoromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Vinyl Chloride	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Xylenes, Total	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B

### Surrogate

### Surrogate Recovery

### Control Limits (%)

4-Bromofluorobenzene	103.4	64 - 125
Dibromofluoromethane	98.7	23 - 172
Toluene-d8	99.2	70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Analyzed by: 

Reviewed by: 

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# Entech Analytical Labs, Inc.

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Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-006

Client Sample ID: MW-2

Sample Time: 11:28 AM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,1-Trichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1,2-Trichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,1-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,3-Trichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,3-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
1,4-Dioxane	ND		1	50	50	µg/L	3/10/2004	WMS210565	EPA 8260B
2,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Acetonitrile	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrolein	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Acrylonitrile	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Benzene	27		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromochloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromodichloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromoform	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Bromomethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Disulfide	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Carbon Tetrachloride	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chlorobenzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloroform	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Chloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
cis-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# Entech Analytical Labs, Inc.

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Phone: (408) 588-0200

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Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/12/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-006

Client Sample ID: MW-2

Sample Time: 11:28 AM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Cyclohexanone	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromochloromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Dibromomethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Dichlorodifluoromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Ethyl Benzene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Freon 113	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Iodomethane	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropanol	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Isopropylbenzene	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Methyl-t-butyl Ether	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Methylene Chloride	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Styrene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butanol (TBA)	ND		1	10	10	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrachloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Tetrahydrofuran	ND		1	20	20	µg/L	3/10/2004	WMS210565	EPA 8260B
Toluene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichloroethene	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Trichlorofluoromethane	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Vinyl Chloride	ND		1	0.5	0.5	µg/L	3/10/2004	WMS210565	EPA 8260B
Xylenes, Total	ND		1	1	1	µg/L	3/10/2004	WMS210565	EPA 8260B

### Surrogate

### Surrogate Recovery

### Control Limits (%)

4-Bromofluorobenzene

102.0

64 - 125

Dibromofluoromethane

98.3


23 - 172


Toluene-d8

101.2

70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Analyzed by: 

Reviewed by: 

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# 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

Date: 3/15/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-007

Client Sample ID: MW-3

Sample Time: 9:21 AM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1,1-Trichloroethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1,2-Trichloroethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1-Dichloroethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1-Dichloroethene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,1-Dichloropropene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2,3-Trichlorobenzene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2,3-Trichloropropane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2,4-Trichlorobenzene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2,4-Trimethylbenzene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dibromoethane (EDB)	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dichlorobenzene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dichloroethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,2-Dichloropropane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,3,5-Trimethylbenzene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
1,3-Dichlorobenzene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,3-Dichloropropane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,4-Dichlorobenzene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
1,4-Dioxane	ND		10	50	500	µg/L	3/12/2004	WMS210570	EPA 8260B
2,2-Dichloropropane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
2-Butanone (MEK)	ND		10	20	200	µg/L	3/12/2004	WMS210570	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
2-Chlorotoluene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
2-Hexanone	ND		10	20	200	µg/L	3/12/2004	WMS210570	EPA 8260B
4-Chlorotoluene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		10	20	200	µg/L	3/12/2004	WMS210570	EPA 8260B
Acetone	ND		10	20	200	µg/L	3/12/2004	WMS210570	EPA 8260B
Acetonitrile	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
Acrolein	ND		10	1	10	µg/L	3/12/2004	WMS210570	EPA 8260B
Acrylonitrile	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Benzene	11		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromobenzene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromochloromethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromodichloromethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromoform	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Bromomethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Carbon Disulfide	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Carbon Tetrachloride	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Chlorobenzene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Chloroethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Chloroform	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Chloromethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
cis-1,2-Dichloroethene	440		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

# Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

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Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Frank Hamedi

Date: 3/15/2004

Date Received: 3/4/2004

Project Name: 400 San Pablo Avenue, Albany

Project Number: 8-90-421-SI

P.O. Number: 8-90-421-SI

Sampled By: Client

## Certified Analytical Report

Order ID: 38125

Lab Sample ID: 38125-007

Client Sample ID: MW-3

Sample Time: 9:21 AM

Sample Date: 3/2/2004

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Cyclohexanone	ND		10	20	200	µg/L	3/12/2004	WMS210570	EPA 8260B
Dibromochloromethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Dibromomethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Dichlorodifluoromethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Diisopropyl Ether	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
Ethyl Benzene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Freon 113	ND		10	1	10	µg/L	3/12/2004	WMS210570	EPA 8260B
Hexachlorobutadiene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
Iodomethane	ND		10	1	10	µg/L	3/12/2004	WMS210570	EPA 8260B
Isopropanol	ND		10	20	200	µg/L	3/12/2004	WMS210570	EPA 8260B
Isopropylbenzene	ND		10	1	10	µg/L	3/12/2004	WMS210570	EPA 8260B
Methyl-t-butyl Ether	ND		10	1	10	µg/L	3/12/2004	WMS210570	EPA 8260B
Methylene Chloride	ND		10	20	200	µg/L	3/12/2004	WMS210570	EPA 8260B
n-Butylbenzene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
n-Propylbenzene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
Naphthalene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
p-Isopropyltoluene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
Pentachloroethane	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
sec-Butylbenzene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
Styrene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
tert-Amyl Methyl Ether	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
tert-Butanol (TBA)	ND		10	10	100	µg/L	3/12/2004	WMS210570	EPA 8260B
tert-Butyl Ethyl Ether	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
tert-Butylbenzene	ND		10	5	50	µg/L	3/12/2004	WMS210570	EPA 8260B
Tetrachloroethene	850		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Tetrahydrofuran	ND		10	20	200	µg/L	3/12/2004	WMS210570	EPA 8260B
Toluene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
trans-1,2-Dichloroethene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
trans-1,3-Dichloropropene	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		10	1	10	µg/L	3/12/2004	WMS210570	EPA 8260B
Trichloroethene	190		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Trichlorofluoromethane	ND		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Vinyl Chloride	5.3		10	0.5	5	µg/L	3/12/2004	WMS210570	EPA 8260B
Xylenes, Total	ND		10	1	10	µg/L	3/12/2004	WMS210570	EPA 8260B

### Surrogate

### Surrogate Recovery

### Control Limits (%)

4-Bromofluorobenzene

99.8

64 - 125

Dibromofluoromethane

96.6

23 - 172

Toluene-d8

98.1

70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Analyzed by: [Signature]

Reviewed by: [Signature]

# Entech Analytical Labs, Inc.

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

## Quality Control - Method Blank

Prep Batch ID:

QC Batch ID: WGC43077

Prep Date:

Matrix: Liquid

Method: EPA 8015 MOD. (Purgeable)

Analysis Date: 3/8/2004

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

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Surrogate  
4-Bromofluorobenzene

Surrogate Recovery  
98.9

Control Limits (%)  
65 - 135

QC Reviewed by: \_\_\_\_\_



# Entech Analytical Labs, Inc.

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

## Quality Control - Laboratory Control Spike / Duplicate Results

Prep Batch ID:

Conc. Units:  $\mu\text{g/L}$

QC Batch ID: WGC43077

Prep Date:

Analysis Date: 3/8/2004

Matrix: Liquid

### Method EPA 8015 MOD. (Purgeable)

Parameter	Blank Result	Spike Amount	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
LCS								
TPH as Gasoline	ND	250.	218.2	LCS	87.3			65 - 135
Surrogate	Surrogate Recovery		Control Limits (%)					
4-Bromofluorobenzene	86.1		65 - 135					
LCSD								
TPH as Gasoline	ND	250.	235.6	LCSD	94.2	7.7	25	65 - 135
Surrogate	Surrogate Recovery		Control Limits (%)					
4-Bromofluorobenzene	93.9		65 - 135					

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

QC Reviewed by: 



# Entech Analytical Labs, Inc.

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

## Quality Control - Method Blank

Prep Batch ID:

QC Batch ID: WGC43078

Prep Date:

Matrix: Liquid

Method: EPA 8015 MOD. (Purgeable)

Analysis Date: 3/9/2004

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

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Surrogate

Surrogate Recovery

Control Limits (%)

4-Bromofluorobenzene

97.0

65 - 135

QC Reviewed by: 

# Entech Analytical Labs, Inc.

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

## Quality Control - Laboratory Control Spike / Duplicate Results

Prep Batch ID:

Conc. Units:  $\mu\text{g/L}$

QC Batch ID: WGC43078

Prep Date:

Analysis Date: 3/9/2004

Matrix: Liquid

### Method EPA 8015 MOD. (Purgeable)

Parameter	Blank Result	Spike Amount	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
LCS								
TPH as Gasoline	ND	250.	239.	LCS	95.6			65 - 135
Surrogate								
4-Bromofluorobenzene	Surrogate Recovery		Control Limits (%)					
	90.2		65 - 135					
LCSD								
TPH as Gasoline	ND	250.	235.	LCSD	94.0	1.7	25	65 - 135
Surrogate								
4-Bromofluorobenzene	Surrogate Recovery		Control Limits (%)					
	87.4		65 - 135					

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

QC Reviewed by: 

# Entech Analytical Labs, Inc.

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

## Quality Control - Method Blank

Prep Batch ID:

QC Batch ID: WMS210565

Prep Date:

Matrix: Liquid

Method: EPA 8260B

Analysis Date: 3/10/2004

Parameter	Result	DF	PQL	DLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.5	0.5	µg/L
1,1,1-Trichloroethane	ND	1	0.5	0.5	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.5	0.5	µg/L
1,1,2-Trichloroethane	ND	1	0.5	0.5	µg/L
1,1-Dichloroethane	ND	1	0.5	0.5	µg/L
1,1-Dichloroethene	ND	1	0.5	0.5	µg/L
1,1-Dichloropropene	ND	1	0.5	0.5	µg/L
1,2,3-Trichlorobenzene	ND	1	5	5	µg/L
1,2,3-Trichloropropane	ND	1	0.5	0.5	µg/L
1,2,4-Trichlorobenzene	ND	1	5	5	µg/L
1,2,4-Trimethylbenzene	ND	1	5	5	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5	5	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.5	0.5	µg/L
1,2-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,2-Dichloroethane	ND	1	0.5	0.5	µg/L
1,2-Dichloropropane	ND	1	0.5	0.5	µg/L
1,3,5-Trimethylbenzene	ND	1	5	5	µg/L
1,3-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,3-Dichloropropane	ND	1	0.5	0.5	µg/L
1,4-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,4-Dioxane	ND	1	50	50	µg/L
2,2-Dichloropropane	ND	1	0.5	0.5	µg/L
2-Butanone (MEK)	ND	1	20	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5	5	µg/L
2-Chlorotoluene	ND	1	5	5	µg/L
2-Hexanone	ND	1	20	20	µg/L
4-Chlorotoluene	ND	1	5	5	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	20	µg/L
Acetone	ND	1	20	20	µg/L
Acetonitrile	ND	1	5	5	µg/L
Acrolein	ND	1	1	1	µg/L
Acrylonitrile	ND	1	5	5	µg/L
Benyl Chloride	ND	1	5	5	µg/L
Benzene	ND	1	0.5	0.5	µg/L
Bromobenzene	ND	1	0.5	0.5	µg/L
Bromochloromethane	ND	1	0.5	0.5	µg/L
Bromodichloromethane	ND	1	0.5	0.5	µg/L
Bromoform	ND	1	0.5	0.5	µg/L
Bromomethane	ND	1	0.5	0.5	µg/L
Carbon Disulfide	ND	1	0.5	0.5	µg/L
Carbon Tetrachloride	ND	1	0.5	0.5	µg/L
Chlorobenzene	ND	1	0.5	0.5	µg/L
Chloroethane	ND	1	0.5	0.5	µg/L
Chloroform	ND	1	0.5	0.5	µg/L
Chloromethane	ND	1	0.5	0.5	µg/L
cis-1,2-Dichloroethene	ND	1	0.5	0.5	µg/L

# Entech Analytical Labs, Inc.

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

## Quality Control - Method Blank

Prep Batch ID:

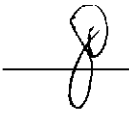
QC Batch ID: WMS210565

Prep Date:

Matrix: Liquid

cis-1,3-Dichloropropene	ND	1	0.5	0.5	µg/L
Cyclohexanone	ND	1	20	20	µg/L
Dibromochloromethane	ND	1	0.5	0.5	µg/L
Dibromomethane	ND	1	0.5	0.5	µg/L
Dichlorodifluoromethane	ND	1	0.5	0.5	µg/L
Diisopropyl Ether	ND	1	5	5	µg/L
Ethyl Benzene	ND	1	0.5	0.5	µg/L
Freon 113	ND	1	1	1	µg/L
Hexachlorobutadiene	ND	1	5	5	µg/L
Iodomethane	ND	1	1	1	µg/L
Isopropanol	ND	1	20	20	µg/L
Isopropylbenzene	ND	1	1	1	µg/L
Methyl-t-butyl Ether	ND	1	1	1	µg/L
Methylene Chloride	ND	1	20	20	µg/L
n-Butylbenzene	ND	1	5	5	µg/L
n-Propylbenzene	ND	1	5	5	µg/L
Naphthalene	ND	1	5	5	µg/L
p-Isopropyltoluene	ND	1	5	5	µg/L
Pentachloroethane	ND	1	5	5	µg/L
sec-Butylbenzene	ND	1	5	5	µg/L
Styrene	ND	1	0.5	0.5	µg/L
tert-Amyl Methyl Ether	ND	1	5	5	µg/L
tert-Butanol (TBA)	ND	1	10	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5	5	µg/L
tert-Butylbenzene	ND	1	5	5	µg/L
Tetrachloroethene	ND	1	0.5	0.5	µg/L
Tetrahydrofuran	ND	1	20	20	µg/L
Toluene	ND	1	0.5	0.5	µg/L
trans-1,2-Dichloroethene	ND	1	0.5	0.5	µg/L
trans-1,3-Dichloropropene	ND	1	0.5	0.5	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1	1	µg/L
Trichloroethene	ND	1	0.5	0.5	µg/L
Trichlorofluoromethane	ND	1	0.5	0.5	µg/L
Vinyl Chloride	ND	1	0.5	0.5	µg/L
Xylenes, Total	ND	1	1	1	µg/L

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

QC Reviewed by: 

### Surrogate

4-Bromofluorobenzene  
Dibromofluoromethane  
Toluene-d8

### Surrogate Recovery

102.0  
96.8  
101.7

### Control Limits (%)

64 - 125  
23 - 172  
70 - 134

# Entech Analytical Labs, Inc.

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

## Quality Control - Laboratory Control Spike / Duplicate Results

Prep Batch ID:

Conc. Units:  $\mu\text{g/L}$

QC Batch ID: WMS210565

Prep Date:

Analysis Date: 3/10/2004

Matrix: Liquid

### Method EPA 8260B

Parameter	Blank Result	Spike Amount	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
LCS								
1,1-Dichloroethene	ND	20.	19.218	LCS	96.1			60 - 132
Benzene	ND	20.	18.733	LCS	93.7			77 - 154
Chlorobenzene	ND	20.	19.039	LCS	95.2			66 - 141
Methyl-t-butyl Ether	ND	20.	16.921	LCS	84.6			58 - 127
Toluene	ND	20.	18.324	LCS	91.6			47 - 137
Trichloroethene	ND	20.	17.35	LCS	86.8			57 - 159

#### Surrogate

#### Surrogate Recovery

#### Control Limits (%)

4-Bromofluorobenzene

105.1

64 - 125

Dibromofluoromethane

102.1

23 - 172

Toluene-d8

97.6

70 - 134

#### LCSD

1,1-Dichloroethene	ND	20.	18.858	LCSD	94.3	1.9	25	60 - 132
Benzene	ND	20.	19.202	LCSD	96.0	2.5	25	77 - 154
Chlorobenzene	ND	20.	19.465	LCSD	97.3	2.2	25	66 - 141
Methyl-t-butyl Ether	ND	20.	19.368	LCSD	96.8	13.5	25	58 - 127
Toluene	ND	20.	18.684	LCSD	93.4	1.9	25	47 - 137
Trichloroethene	ND	20.	19.262	LCSD	96.3	10.4	25	57 - 159

#### Surrogate

#### Surrogate Recovery

#### Control Limits (%)

4-Bromofluorobenzene

101.3

64 - 125

Dibromofluoromethane

94.4

23 - 172

Toluene-d8

97.3

70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

QC Reviewed by: J

# Entech Analytical Labs, Inc.

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

## Quality Control - Matrix Spike / Duplicate Results

Prep Batch ID:

Conc. Units: µg/L

QC Batch ID: WMS210565

Prep Date:

Analysis Date: 3/10/2004

Matrix: Liquid

### Method EPA 8260B

Parameter	Blank Result	Spike Amount	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
MS								
SampleNumber: 38125-006								
1,1-Dichloroethene	ND	20.	18.443	MS	92.2			59 - 133
Benzene	ND	20.	45.599	MS	94.3			73 - 134
Chlorobenzene	ND	20.	19.312	MS	96.6			86 - 121
Methyl-t-butyl Ether	ND	20.	19.386	MS	96.4			42 - 157
Toluene	ND	20.	18.31	MS	91.1			79 - 117
Trichloroethene	ND	20.	20.75	MS	103.8			71 - 119


Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99.9	64 - 125
Dibromofluoromethane	96.2	23 - 172
Toluene-d8	96.8	70 - 134

### MSD SampleNumber: 38125-006

1,1-Dichloroethene	ND	20.	18.814	MSD	94.1	2.0	25	59 - 133
Benzene	ND	20.	43.713	MSD	84.9	4.2	25	73 - 134
Chlorobenzene	ND	20.	19.34	MSD	96.7	0.1	25	86 - 121
Methyl-t-butyl Ether	ND	20.	17.256	MSD	85.8	11.6	25	42 - 157
Toluene	ND	20.	18.001	MSD	89.5	1.7	25	79 - 117
Trichloroethene	ND	20.	19.028	MSD	95.1	8.7	25	71 - 119

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100.9	64 - 125
Dibromofluoromethane	98.8	23 - 172
Toluene-d8	95.1	70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

QC Reviewed by: 

# Entech Analytical Labs, Inc.

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

## Quality Control - Method Blank

Prep Batch ID:

QC Batch ID: WMS210570

Prep Date:

Matrix: Liquid

Method: EPA 8260B

Analysis Date: 3/12/2004

Parameter	Result	DF	PQL	DLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.5	0.5	µg/L
1,1,1-Trichloroethane	ND	1	0.5	0.5	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.5	0.5	µg/L
1,1,2-Trichloroethane	ND	1	0.5	0.5	µg/L
1,1-Dichloroethane	ND	1	0.5	0.5	µg/L
1,1-Dichloroethene	ND	1	0.5	0.5	µg/L
1,1-Dichloropropene	ND	1	0.5	0.5	µg/L
1,2,3-Trichlorobenzene	ND	1	5	5	µg/L
1,2,3-Trichloropropane	ND	1	0.5	0.5	µg/L
1,2,4-Trichlorobenzene	ND	1	5	5	µg/L
1,2,4-Trimethylbenzene	ND	1	5	5	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5	5	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.5	0.5	µg/L
1,2-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,2-Dichloroethane	ND	1	0.5	0.5	µg/L
1,2-Dichloropropane	ND	1	0.5	0.5	µg/L
1,3,5-Trimethylbenzene	ND	1	5	5	µg/L
1,3-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,3-Dichloropropane	ND	1	0.5	0.5	µg/L
1,4-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,4-Dioxane	ND	1	50	50	µg/L
2,2-Dichloropropane	ND	1	0.5	0.5	µg/L
2-Butanone (MEK)	ND	1	20	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5	5	µg/L
2-Chlorotoluene	ND	1	5	5	µg/L
2-Hexanone	ND	1	20	20	µg/L
4-Chlorotoluene	ND	1	5	5	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	20	µg/L
Acetone	ND	1	20	20	µg/L
Acetonitrile	ND	1	5	5	µg/L
Acrolein	ND	1	1	1	µg/L
Acrylonitrile	ND	1	5	5	µg/L
Benyl Chloride	ND	1	5	5	µg/L
Benzene	ND	1	0.5	0.5	µg/L
Bromobenzene	ND	1	0.5	0.5	µg/L
Bromochloromethane	ND	1	0.5	0.5	µg/L
Bromodichloromethane	ND	1	0.5	0.5	µg/L
Bromoform	ND	1	0.5	0.5	µg/L
Bromomethane	ND	1	0.5	0.5	µg/L
Carbon Disulfide	ND	1	0.5	0.5	µg/L
Carbon Tetrachloride	ND	1	0.5	0.5	µg/L
Chlorobenzene	ND	1	0.5	0.5	µg/L
Chloroethane	ND	1	0.5	0.5	µg/L
Chloroform	ND	1	0.5	0.5	µg/L
Chloromethane	ND	1	0.5	0.5	µg/L
cis-1,2-Dichloroethene	ND	1	0.5	0.5	µg/L

# Entech Analytical Labs, Inc.

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

## Quality Control - Method Blank

Prep Batch ID:

QC Batch ID: WMS210570

Prep Date:

Matrix: Liquid

cis-1,3-Dichloropropene	ND	1	0.5	0.5	µg/L
Cyclohexanone	ND	1	20	20	µg/L
Dibromochloromethane	ND	1	0.5	0.5	µg/L
Dibromomethane	ND	1	0.5	0.5	µg/L
Dichlorodifluoromethane	ND	1	0.5	0.5	µg/L
Diisopropyl Ether	ND	1	5	5	µg/L
Ethyl Benzene	ND	1	0.5	0.5	µg/L
Freon 113	ND	1	1	1	µg/L
Hexachlorobutadiene	ND	1	5	5	µg/L
Iodomethane	ND	1	1	1	µg/L
Isopropanol	ND	1	20	20	µg/L
Isopropylbenzene	ND	1	1	1	µg/L
Methyl-t-butyl Ether	ND	1	1	1	µg/L
Methylene Chloride	ND	1	20	20	µg/L
n-Butylbenzene	ND	1	5	5	µg/L
n-Propylbenzene	ND	1	5	5	µg/L
Naphthalene	ND	1	5	5	µg/L
p-Isopropyltoluene	ND	1	5	5	µg/L
Pentachloroethane	ND	1	5	5	µg/L
sec-Butylbenzene	ND	1	5	5	µg/L
Styrene	ND	1	0.5	0.5	µg/L
tert-Amyl Methyl Ether	ND	1	5	5	µg/L
tert-Butanol (TBA)	ND	1	10	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5	5	µg/L
tert-Butylbenzene	ND	1	5	5	µg/L
Tetrachloroethene	ND	1	0.5	0.5	µg/L
Tetrahydrofuran	ND	1	20	20	µg/L
Toluene	ND	1	0.5	0.5	µg/L
trans-1,2-Dichloroethene	ND	1	0.5	0.5	µg/L
trans-1,3-Dichloropropene	ND	1	0.5	0.5	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1	1	µg/L
Trichloroethene	ND	1	0.5	0.5	µg/L
Trichlorofluoromethane	ND	1	0.5	0.5	µg/L
Vinyl Chloride	ND	1	0.5	0.5	µg/L
Xylenes, Total	ND	1	1	1	µg/L

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

QC Reviewed by: 

### Surrogate

4-Bromofluorobenzene  
Dibromofluoromethane  
Toluene-d8

### Surrogate Recovery

100.1  
96.1  
100.1

### Control Limits (%)

64 - 125  
23 - 172  
70 - 134



# Entech Analytical Labs, Inc.

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

## Quality Control - Laboratory Control Spike / Duplicate Results

Prep Batch ID:

Conc. Units: µg/L

QC Batch ID: WMS210570

Prep Date:

Analysis Date: 3/12/2004

Matrix: Liquid

### Method EPA 8260B

Parameter	Blank Result	Spike Amount	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
LCS								
1,1-Dichloroethene	ND	20.	18.87	LCS	94.3			60 - 132
Benzene	ND	20.	19.978	LCS	99.9			77 - 154
Chlorobenzene	ND	20.	19.325	LCS	96.6			66 - 141
Methyl-t-butyl Ether	ND	20.	19.728	LCS	98.6			58 - 127
Toluene	ND	20.	18.468	LCS	92.3			47 - 137
Trichloroethene	ND	20.	20.444	LCS	102.2			57 - 159

#### Surrogate

4-Bromofluorobenzene

#### Surrogate Recovery

102.8

#### Control Limits (%)

64 - 125

Dibromofluoromethane

97.6

23 - 172

Toluene-d8

97.6

70 - 134

### LCSD

1,1-Dichloroethene	ND	20.	19.001	LCSD	95.0	0.7	25	60 - 132
Benzene	ND	20.	19.464	LCSD	97.3	2.6	25	77 - 154
Chlorobenzene	ND	20.	19.656	LCSD	98.3	1.7	25	66 - 141
Methyl-t-butyl Ether	ND	20.	17.711	LCSD	88.6	10.8	25	58 - 127
Toluene	ND	20.	18.633	LCSD	93.2	0.9	25	47 - 137
Trichloroethene	ND	20.	19.193	LCSD	96.0	6.3	25	57 - 159

#### Surrogate

4-Bromofluorobenzene

#### Surrogate Recovery

102.5

#### Control Limits (%)

64 - 125

Dibromofluoromethane

98.1


23 - 172

Toluene-d8

96.8

70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

QC Reviewed by: 

CHAIN OF CUSTODY RECORD

PROJ. NO. 8-90-421-SI		NAME 400 San Pablo Ave., Albany				CON-TAINER	ANALYSES REQUESTED: TPH, H EPA 8260A				REMARKS	
SAMPLERS: (Signature) Richard Manley (Richard Manley)												
NO.	DATE	TIME	SOIL	WATER	LOCATION							
1	3/02/04	1530		✓	STMW-1	6	✓	✓			38125-001	
2		1440		✓	STMW-2	6	✓	✓			002	
3		1331		✓	STMW-3	6	✓	✓			003	
4		1234		✓	STMW-4	6	✓	✓			004	
5		1030		✓	STMW-5	6	✓	✓			005	
6		1128		✓	MW-2	6	✓	✓			006	
7	✓	921		✓	MW-3	6	✓	✓			007	
Relinquished by: (Signature) Richard Manley			Date / Time 3/4/04 1330		Received by: (Signature) [Signature]			Relinquished by: (Signature)		Date / Time		Receive by: (Signature)
Relinquished by: (Signature) [Signature]			Date / Time 3/4/04 1640		Received by: (Signature) [Signature]			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 Nemedi		



ENVIRO SOIL TECH CONSULTANTS

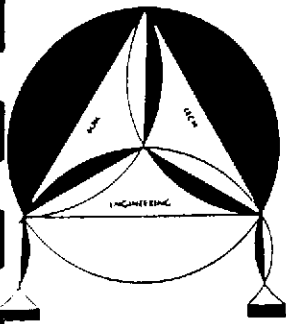
Environmental & Geotechnical Consultants  
 111 TULLY ROAD, SAN JOSE, CALIFORNIA 95111  
 Tel: (408) 297-1500 Fax: (408) 292-2116

File No. 8-90-421-SI

**A P P E N D I X "F"**

**FIELD NOTES**

**ENVIRO SOIL TECH CONSULTANTS**



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 8-90-421-SI

DATE: 3/02/04

DEPTH TO WELL: \_\_\_\_\_

DEPTH TO WATER: 8' + .58

HEIGHT OF WATER COLUMN: \_\_\_\_\_

WELL NO.: STMW-1

SAMPLER: Ruthal Manly

1 WELL VOLUME: 0.9

5 WELL VOLUME: 4.5

ACTUAL PURGED VOLUME: 9

CASING DIAMETER:  2"  4"

## CALCULATIONS:

2" x 0.1632 5.42

4" x 0.653 \_\_\_\_\_

PURGE METHOD:  BAILER  DISPLACEMENT PUMP  OTHER

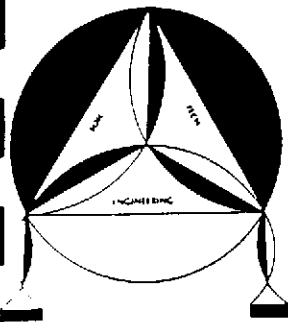
SAMPLE METHOD:  BAILER  OTHER

SHEEN:  NO  YES, DESCRIBE: RAINBOW

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 gals</u>	<u>7.66</u>	<u>17.7</u>	<u>647</u>
_____	<u>6 gals</u>	<u>7.68</u>	<u>17.6</u>	<u>615</u>
_____	<u>9 gals</u>	<u>7.60</u>	<u>17.5</u>	<u>581</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 8-90-421-ST

DATE: 3/02/04

DEPTH TO WELL: \_\_\_\_\_

DEPTH TO WATER: 5<sup>ft</sup> 28

HEIGHT OF WATER COLUMN: \_\_\_\_\_

WELL NO.: STMW-2

SAMPLER: Pushed Manly

1 WELL VOLUME: 0.9

5 WELL VOLUME: 4.5

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ \_\_\_\_\_ 2"

\_\_\_\_\_ 4"

### CALCULATIONS:

2" x 0.1632 5.72

4" x 0.653 \_\_\_\_\_

PURGE METHOD: \_\_\_\_\_ BAILER  DISPLACEMENT PUMP \_\_\_\_\_ OTHER

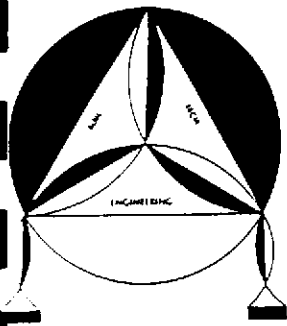
SAMPLE METHOD:  BAILER \_\_\_\_\_ OTHER

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 GAL</u>	<u>7.58</u>	<u>17.0</u>	<u>592</u>
_____	<u>6 GAL</u>	<u>7.40</u>	<u>16.9</u>	<u>580</u>
_____	<u>9 GAL</u>	<u>7.44</u>	<u>16.8</u>	<u>566</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 8-90-421-5E

DATE: 3/02/04

DEPTH TO WELL: \_\_\_\_\_

DEPTH TO WATER: 6<sup>ft</sup> .46

HEIGHT OF WATER COLUMN: \_\_\_\_\_

WELL NO.: STMW-3

SAMPLER: Richard Mandy

1 WELL VOLUME: 1.4

5 WELL VOLUME: 7

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" \_\_\_\_\_ 4"

### CALCULATIONS:

2" x 0.1632 8.54

4" x 0.653 \_\_\_\_\_

PURGE METHOD: \_\_\_\_\_ BAILER  DISPLACEMENT PUMP \_\_\_\_\_ OTHER

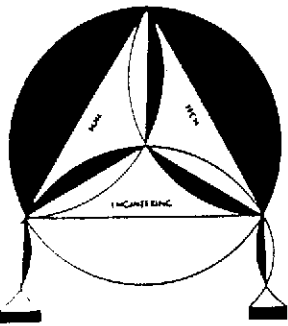
SAMPLE METHOD:  BAILER \_\_\_\_\_ OTHER

SHEEN:  NO \_\_\_\_\_ YES, DESCRIBE: \_\_\_\_\_

ODOR:  NO \_\_\_\_\_ YES, DESCRIBE: \_\_\_\_\_

### FIELD MEASUREMENTS

TIME	VOLUME	Ph	TEMP.	E.C.
_____	<u>3 gpc</u>	<u>7.24</u>	<u>14.8</u>	<u>610</u>
_____	<u>6 gpc</u>	<u>7.17</u>	<u>14.9</u>	<u>618</u>
_____	<u>9 gpc</u>	_____	<u>15.1</u>	<u>630</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 8-90-421-SI

WELL NO.: STMW-4

DATE: 3/02/04

SAMPLER: Richard Mander

DEPTH TO WELL: \_\_\_\_\_

1 WELL VOLUME: 1.5

DEPTH TO WATER: 5<sup>ft</sup> .70

5 WELL VOLUME: 7.5

HEIGHT OF WATER COLUMN: \_\_\_\_\_

ACTUAL PURGED VOLUME: 9

CASING DIAMETER:  2"

4"

### CALCULATIONS:

2" x 0.1632 9.3

4" x 0.653 \_\_\_\_\_

PURGE METHOD:  BAILER  DISPLACEMENT PUMP  OTHER

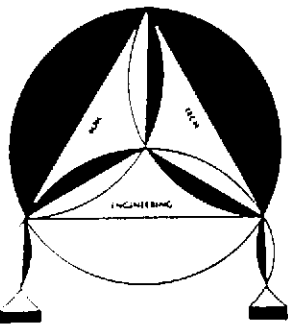
SAMPLE METHOD:  BAILER  OTHER

SHEEN:  NO  YES, DESCRIBE: \_\_\_\_\_

ODOR:  NO  YES, DESCRIBE: \_\_\_\_\_

### FIELD MEASUREMENTS

TIME	VOLUME	Ph	TEMP.	E.C.
	<u>3 gpc</u>	<u>7.15</u>	<u>14.4</u>	<u>597</u>
	<u>6 gpc</u>	<u>7.24</u>	<u>14.5</u>	<u>604</u>
	<u>9 gpc</u>	<u>7.05</u>	<u>14.7</u>	<u>611</u>



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 8-90-421-SI

WELL NO.: STMW-5

DATE: 3/02/04

SAMPLER: Pushed Manly

DEPTH TO WELL: \_\_\_\_\_

1 WELL VOLUME: 1.4

DEPTH TO WATER: 6<sup>ft</sup> .26

5 WELL VOLUME: 7

HEIGHT OF WATER COLUMN: \_\_\_\_\_

ACTUAL PURGED VOLUME: 9

CASING DIAMETER:  2"

4"

### CALCULATIONS:

2" x 0.1632 8.74

4" x 0.653 \_\_\_\_\_

PURGE METHOD:  BAILER  DISPLACEMENT PUMP  OTHER

SAMPLE METHOD:  BAILER  OTHER

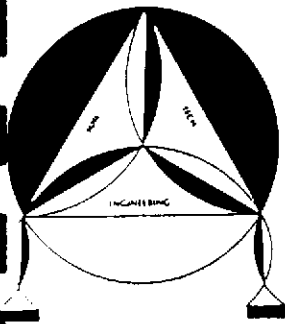
SHEEN:  NO  YES, DESCRIBE: \_\_\_\_\_

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>7.01</u>	<u>15.9</u>	<u>461</u>
_____	<u>6 GAL</u>	<u>6.88</u>	<u>16.1</u>	<u>449</u>
_____	<u>9 GAL</u>	<u>6.81</u>	<u>16.0</u>	<u>444</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____





# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 8-90-421-SI

WELL NO.: MW-2

DATE: 3/02/04

SAMPLER: Richard Manley

DEPTH TO WELL: \_\_\_\_\_

1 WELL VOLUME: 0.8

DEPTH TO WATER: 6<sup>ft</sup> .64

5 WELL VOLUME: 4

HEIGHT OF WATER COLUMN: \_\_\_\_\_

ACTUAL PURGED VOLUME: 9

CASING DIAMETER:  2"

4"

## CALCULATIONS:

2" x 0.1632 4.86

4" x 0.653 \_\_\_\_\_

PURGE METHOD:  BAILER  DISPLACEMENT PUMP  OTHER

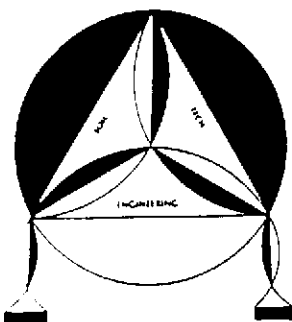
SAMPLE METHOD:  BAILER  OTHER

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 gpc</u>	<u>7.03</u>	<u>15.6</u>	<u>559</u>
_____	<u>6 gpc</u>	<u>6.78</u>	<u>15.4</u>	<u>580</u>
_____	<u>9 gpc</u>	<u>6.97</u>	<u>15.5</u>	<u>587</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



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131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

FILE NO.: 8-90-421-SF

DATE: 3/02/04

DEPTH TO WELL: \_\_\_\_\_

DEPTH TO WATER: 6<sup>ft</sup> 1.36

HEIGHT OF WATER COLUMN: \_\_\_\_\_

WELL NO.: MW-3

SAMPLER: Retired Manly

1 WELL VOLUME: 0.9

5 WELL VOLUME: 4.5

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" \_\_\_\_\_ 4"

## CALCULATIONS:

2" x 0.1632 5.64

4" x 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>3.98</u>	<u>6.95</u>	<u>17.6</u>	<u>577</u>
_____	<u>6.52</u>	<u>6.83</u>	<u>16.2</u>	<u>502</u>
_____	<u>9.52</u>	<u>6.93</u>	<u>15.8</u>	<u>525</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____