File No. 12-99-702-SI

FIRST QUARTER OF 2003 GROUNDWATER MONITORING AND SAMPLING FOR THE PROPERTY LOCATED AT 15595 WASHINGTON AVENUE SAN LORENZO, CALIFORNIA APRIL 29, 2003

PREPARED FOR:
MR. MEHDI MOHAMMADIAN
CAL GAS
15595 WASHINGTON AVENUE
SAN LORENZO, CALIFORNIA 94580

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

ENVIRO SOIL TECH CONSULTANTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

TABLE OF CONTENTS

TABLE OF CONTENTS CONT'D

Page Number

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

April 29, 2003

File No. 12-99-702-SI

Mr. Mehdi Mohammadian
Cal Gas
15595 Washington Avenue
San Lorenzo, California 94580

SUBJECT: FIRST QUARTER OF 2003 GROUNDWATER MONITORING AND SAMPLING FOR THE PROPERTY
Located at 15595 Washington Avenue, in San Lorenzo, California

Dear Mr. Mohammadian:

This report presents the results of first quarter of 2003 groundwater monitoring and sampling conducted by Enviro Soil Tech Consultants (ESTC), on April 17, 2003, at the subject site (Figure 1).

The five monitoring wells (MW-1 through MW-5) located on-site were monitored for presence of floating products and/or distinctive odor, and groundwaters were collected from these wells for laboratory analyses.

This quarterly groundwater monitoring and sampling of the on-site monitoring wells was conducted in accordance with the request and authorization of Mr. Mehdi Mohammadian and at the request of Mr. Scott O. Seery with Alameda County Health Care Services Agency-Environmental Health Services (ACHCSA-EHS) in letter dated May 19, 1999.

PURPOSE:

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

SITE DESCRIPTION:

The site is located on the northwest corner of Washington Avenue and Via Enrico Street, in San Lorenzo, California (Figure 1), and is currently being used as a service station. The site contained one single story building, underground storage tanks located at the center portion of the property and south of the pump islands. The subject property is located in an area of commercial and residential development.

BACKGROUND:

From 1974 to 1983, Calleris who had operated the gasoline service station owned the site.

From 1983 to 1986, Texaco owned the site, and during this time, the site was not in operation. Texaco removed the existing USTs in 1986, and subsurface contamination was detected in the fuel tank excavation.

In 1986, Bertram Kubo, who installed three new 10,000-gallon fuel tanks at a new location and reopened as a retail service station, purchased the site.

In 1990, the property was sold to the current owner, Mr. Mehdi Mohammadian, who operates the site as Shell retail service station.

In 1986, Groundwater Technology (GWT) conducted soil and groundwater investigation at the site by installing three on-site monitoring wells (MW-1 to MW-3). Hydrocarbon impact to shallow groundwater was detected in these wells. The detail of GWT's subsurface investigation is described in a report dated October 1986.

In July 1998, Toxichem Management Systems, Inc. (TMS) conducted an additional subsurface investigation, by installing two additional on-site wells (MW-4 and MW-5). TMS's findings showed presence of petroleum hydrocarbons in all wells. The details of this additional assessment are described in their report dated October 16, 1998. Quarterly monitoring of the five on-site wells has been conducted since August 1998. TPHg, BTEX and MTBE were detected in all the monitoring wells.

Per the request and authorization of Mr. Mehdi Mohammadian and under the directive of Mr. Scott O. Seery with ACHCSA-EHS in letters dated May 9, 1999; November 8, 1999 and November 10, 1999, ESTC submitted a proposed work plan for assessment of off-site gasoline plume using of so-called "rapid assessment" tools such as Geoprobe. The details of this work plan is described in ESTC's report entitled "Proposed Work Plan for Preliminary Off-Site Soil & Groundwater Assessment for the Property...", dated February 11, 2000.

On April 18, 2000, ESTC conducted soil and groundwater assessment off-site gasoline plume. Based on the off-site investigation, upto date, ESTC have been conducting quarterly monitoring and sampling of groundwater from the on-site monitoring wells.

SCOPE OF PRESENT WORK:

The scopes of present work are as follow:

- Monitor wells MW-1 to MW-5 for presence of any sheen and/or odor and measure the depth-to-water table.
- Purge the monitoring wells prior to sampling.
- Sample monitoring wells MW-1 to MW-5.
- Submit water samples to a state-certified laboratory for chemical analyses of Total Petroleum Hydrocarbons as gasoline (TPHg); Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX); Methyl Tertiary Butyl Ether (MTBE) and other hydrocarbons fuel oxygenates compounds per EPA Method 8260B.
- Review results and prepare a report of the investigation.

FIELD ACTIVITIES:

The five on-site monitoring wells (MW-1 to MW-5) were monitored for floating products and/or distinctive odor, and the water samples were collected for laboratory analyses (Figure 2).

GROUNDWATER MONITORING:

On April 17, 2003, ESTC's staff monitored five monitoring wells (MW-1 to MW-5) for groundwater depth and presence of sheen and/or odor. No sheen or odor was detected in any of the monitoring wells during field inspection. The shallow groundwater table depths ranged from 7.38 feet (well MW-2) to 9.58 feet (well MW-5) below ground surface. Table 1 summarizes the depth to groundwater measurements and the field observations made.

GROUNDWATER SAMPLING:

Following the monitoring of the groundwater, in order to assure the samples were representative of surrounding groundwater, approximately four to five well volumes of water was purged from each well using a bailer before the sample was collected. 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 collected in 40-milliliter glass vials sealed with Teflon-lined screw caps, labeled and placed in a cold ice chest. Groundwater samples were submitted to Kiff Analytical, LLC, a state-certified laboratory, with proper chain-of-custody for analyses. The sampling was conducted in accordance with ESTC's Standard Operation Procedures (Appendix "D") and ACHCSA-EHS guidelines.

GROUNDWATER FLOW:

Water elevation data were used to determine groundwater flow direction. Table 1 summarizes the groundwater elevations. The groundwater flow direction beneath the site was in a southwesterly direction as of April 17, 2003 (Figure 2).

ANALYTICAL RESULTS:

Groundwater samples from monitoring wells MW-1 to MW-5 were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) per EPA method 8015 MOD; BTEX; MTBE and other hydrocarbons fuel oxygenates compounds per EPA Method 8260B.

Groundwater samples from the monitoring wells detected levels of TPHg ranging from non-detectable to the maximum of 7500 micrograms per liter (µg/L); Benzene ranging from non-detectable to the maximum of 110 µg/L; Toluene ranging from non-detectable to maximum of 2.8 µg/L; Ethylbenzene ranging from non-detectable to maximum of 61 µg/L; Total Xylenes ranging from non-detectable to maximum of 2.84 µg/L and MTBE ranging from 89 µg/L to maximum of 38000 µg/L. Monitoring wells MW-1, MW-4 and MW-5 detected some other petroleum hydrocarbons constituents in the groundwater samples.

The groundwater analytical results are summarized in Table 1. Copy of the analytical results and chain-of-custody documentation are attached in Appendix "E".

SUMMARY:

All five monitoring wells detected MTBE in the water samples. Three out of five wells detected TPHg in water samples. Two out of five wells detected Benzene and Ethylbenzene in the water sample, and one out of five wells detected Toluene and Total Xylenes in the water samples. Three out of five monitoring wells detected some other hydrocarbons fuel oxygenates compounds in the water samples.

RECOMMENDATION:

ESTC recommends the continuation of quarterly monitoring and sampling of the five on-site wells. A copy of this report will be forward to Alameda County Health Care Services Agency-Environmental Health Services (ACHCSA-EHS) and Regional Water Quality Control Board (RWQCB).

LIMITATIONS:

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

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

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

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

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

File No. 12-99-702-SI

A P P E N D I X "A"

ENVIRO SOIL TECH CONSULTANTS

File No. 12-99-702-SI

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
8/08/86	MW-1 (N/A)	15	10	N/A	N/A	N/A	N/A	ND<500	ND<500	NA	82	NA
11/12/92				11.37†	N/A	N/A	720	3	0.5	1	1	NA
3/24/94	22.93 (feet MSL)			8.71*	14.22	Odor	1300	110	ND<0.5	19	ND<0.5	NA
12/15/95				8.49*	14.44	No sheen Weakly petroleum odor	350	18	2.9	3.5	2.8	NA
8/26/98	22.96 Resurveyed			9.30*	13.66	N/A	ND <500	17	ND<5	ND<5	ND<5	340000
1/26/99				7.96*	15.00	N/A	ND <50000	ND<500	ND<500	ND<500	ND<500	269000
4/06/99				8.01*	14.95	N/A	3500	296	ND<10	43	18.6	117000
5/24/00	23.05 Resurveyed			8.24*	14.81	No sheen or odor	33000	ND <5000	ND <5000	ND <5000	ND <5000	74000
8/24/00				9.43*	13.62	No sheen or odor	11000	ND <2000	ND <2000	ND <2000	ND <2000	32000
11/22/00				9.28*	13.77	Light rainbow sheen No odor	24000	ND <2500	ND <2500	ND <2500	ND <2500	35000
2/22/01				7.86*	15.19	No sheen or odor	19000	ND <5000	ND <5000	ND <5000	ND <5000	51000
5/29/01				8.96*	14.09	No sheen or odor	30000	ND <5000	ND <5000	ND <5000	ND <5000	110000
8/22/01				9.66*	13.39	No sheen or odor	46000	ND <2500	ND <2500	ND <2500	ND <2500	70000
12/06/01				8.36*	14.69	No sheen or odor	25000	ND <2500	ND <2500	ND <2500	ND <2500	37000
3/25/02	23.05 Resurveyed			7.84*	15.21	Light rainbow sheen No odor	770	ND<830	ND<830	ND<830	ND<830	20000

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
7/02/02	MW-1 (23.05)	15	10	8.96*	14.14	No sheen or odor	550	ND<500	ND<500	ND<500	ND<500	13000
10/05/02				9.58*	13.47	No sheen or odor	880•	ND<250	ND<250	ND<250	ND<250	3800
1/17/03				7.72*	15.33	No sheen or odor	8200ª	ND<500	ND<500	ND<500	ND<500	11000
4/17/03				8.48*	14.57	No sheen or odor	390	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1400
8/08/96	MW-2 (N/A)	15	10	N/A	N/A	N/A	NA	ND<50	ND<50	NA	ND<50	NA
11/12/92				10.55†	N/A	N/A	ND<10	ND<0.3	ND<0.3	ND<0.3	ND<0.5	NA
3/24/94	22.09 (feet MSL)			7.87*	14.22	N/A	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	N/A
12/15/95				4.62*	17.47	No sheen or odor	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
2/28/98	22.07 Resurveyed			8.40*	13.67	N/A	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	210000
1/26/99				7.29*	14.78	N/A	ND <2000	ND<20	ND<20	ND<20	ND<20	9450
4/06/99				7.28*	14.79	N/A	ND <1000	ND<10	ND<10	ND<10	ND<10	209000
5/24/00	21.94 Resurveyed			7.22*	14.72	No sheen or odor	46000	ND <12500	ND <12500	ND <12500	ND <12500	180000
8/24/00				8.39*	13.55	No sheen or odor	21000	ND <2500	ND <2500	ND <2500	ND <2500	70000
11/22/00				8.24*	13.70	No sheen or odor	29000	ND <2500	ND <2500	ND <2500	ND <2500	43000
2/22/01				6.52*	15.42	No sheen or odor	20000	ND <5000	ND <5000	ND <5000	ND <5000	61000
5/29/01				7.90*	14.04	No sheen or odor	9100	ND <1000	ND <1000	ND <1000	ND <1000	24000

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
8/22/01	MW-2 (21.94)	15	10	8.62*	13.32	No sheen or odor	8700	ND<500	ND<500	ND<500	ND<500	12000
12/06/01				7.28*	14.66	No sheen or odor	11000	ND <1250	ND <1250	ND <1250	ND <1250	22000
3/25/02	(21.94) Resurveyed			6.86*	15.08	No sheen or odor	ND<50	ND<830	ND<830	ND<830	ND<830	25000
7/02/02				7.96*	13.98	No sheen or odor	ND<50	ND<170	ND<170	ND<170	ND<170	6000
10/05/02				8.54*	13.40	No sheen or odor	820•	ND<250	ND<250	ND<250	ND<250	3400
1/17/03				6.76*	15.18	No sheen or odor	7000ª	ND<500	ND<500	ND<500	ND<500	6800
4/17/03				7.38*	14.56	No sheen or odor	ND <500	ND<5	ND<5	ND<5	ND<5	3100
8/08/96	MW-3 (N/A)	16	10	N/A	N/A	N/A	NA	ND<50	ND<50	NA	ND<50	NA
11/12/92				11.32†	N/A	N/A	69	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NA
3/24/94	22.73 (feet MSL)			8.69*	14.04	N/A	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
12/15/95				8.31*	14.42	No sheen or odor	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
8/26/98	22.74 Resurveyed			9.29*	13.45	N/A	ND <500	36	ND<5	ND<5	ND<5	99000
12/16/99				8.00*	14.74	N/A	ND <500	ND<50	ND<50	ND<50	ND<50	19800
4/06/99				8.00*	14.74	N/A	ND <1000	ND<10	ND<10	ND<10	ND<10	151000
5/24/00	22.56 Resurveyed			8.08*	14.47	No sheen or odor	48000	ND <12500	ND <12500	ND <12500	ND <12500	200000
8/24/00				9.24*	13.32	No sheen or odor	52000	ND <5000	ND <5000	ND <5000	ND <5000	170000

File No. 12-99-702-SI

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
11/22/00	MW-3 (22.56)	16	10	9.08*	13.48	No sheen or odor	69000	ND <10000	ND <10000	ND <10000	ND <10000	160000
2/22/01				7.58*	14.98	No sheen or odor	30000	ND <5000	ND <5000	ND <5000	ND <5000	130000
5/29/01				8.76*	13.80	No sheen or odor	29000	ND <2500	ND <2500	ND <2500	ND <2500	78000
8/22/01				9.46*	13.10	No sheen or	37000	ND <5000	ND <5000	ND <5000	ND <5000	98000
12/06/01				8.06*	14.50	No sheen or odor	33000	ND <5000	ND <5000	ND <5000	ND <5000	94000
3/25/02	22.56 Resurveyed			7.62*	14.94	No sheen or odor	ND<50	ND <2500	ND <2500	ND <2500	ND <2500	62000
7/02/02				7.78*	14.78	No sheen or odor	73Z	ND <2000	ND <2000	ND <2000	ND <2000	67000
10/05/02				9.38*	13.18	No sheen or odor	25000•	ND <2500	ND <2500	ND <2500	ND <2500	55000
1/17/03				7.46*	15.10	No sheen or odor	32000•	ND <2500	ND <2500	ND <2500	ND <2500	49000
4/17/03				8.22*	14.34	No sheen or odor	ND <10000	ND<100	ND<100	ND<100	ND<100	38000
8/26/98	MW-4 (23.51) feet MSL	19	N/A	9.87	13.64	N/A	170	2	0.74	1.3	1	150
1/26/99				8.54	14.97	N/A	140	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.6
4/06/99				8.34	15.17	N/A	390	3.94	ND<0.5	1.52	0.808	15.2
5/24/00	23.40 Resurveyed			8.72	14.68	No sheen or odor	210	ND<5	ND<5	ND<5	ND<5	40

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
8/24/00	MW-4 (23.40)	19	N/A	9.88	13.52	No sheen or odor	160	ND<5	7.4	ND<5	ND<5	44
11/22/00				9.76	13.64	No sheen or odor	140	ND<5	ND<5	ND<5	ND<5	25
2/22/01				8.42	14.98	No sheen or odor	160	ND<5	ND<5	ND<5	ND<5	32
5/29/01				9.42	13.98	No sheen or odor	160	ND<5	ND<5	ND<5	ND<5	31
8/22/01				10.10	13.30	No sheen or odor	96	N<5	ND<5	ND<5	ND<5	28
12/06/01				8.68	14.72	No sheen or odor	160	ND<5	ND<5	ND<5	ND<5	25
3/25/02	(23.40) Resurveyed			8.28	15.12	No sheen or odor	150	ND<5	ND<5	ND<5	ND<5	14
7/02/02				9.36	14.04	No sheen or odor	120	ND<5	ND<5	ND<5	ND<5	ND<5
10/05/02				10.12	13.28	No sheen or odor	110	ND<5	ND<5	ND<5	ND<5	53
1/17/03				8.10	15.30	No sheen or odor	86c	ND<5	ND<5	ND<5	ND<5	23
4/17/03				8.88	14.52	No sheen or odor	110	3	2.8	1.1	2.84	89
8/26/98	MW-5 (23.85) feet MSL	19	N/A	10.51	13.34	N/A	6600	240	ND<50	380	84	ND<250
1/26/99				10.26	13.59	N/A	371	11.7	ND<0.5	3.22	ND<0.5	36.4
4/06/99				9.32	14.53	N/A	7680	266	ND<10	280	ND<10	ND<10
5/24/00				9.39	14.47	Rainbow sheen No odor	3300	180	ND<25	140	ND<25	200
8/24/00				10.54	13.32	Light rainbow sheen No odor	3200	150	ND<10	91	ND<10	300
11/22/00				10.42	13.44	No sheen Light sewerage odor	520	120	ND<25	46	ND<25	510
2/22/01				8.88	14.98	No sheen or odor	5400	100	ND<50	94	ND<50	700
5/29/01	23.86 Resurveyed			10.08	13.78	Rainbow sheen No odor	3700	83	ND<50	58	ND<50	860

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
8/22/01	MW-5 (23.86)	19	N/A	10.76	13.10	Light rainbow sheen No odor	5900	150	ND<10	ND<10	ND<10	1700
12/06/01				9.48	14.38	Rainbow sheen Light petroleum odor	4900	ND<50	ND<50	ND<50	ND<50	1900
3/25/02	23.86 Resurveyed			9.08	14.78	No sheen or odor	4000	170	ND<83	ND<83	ND<83	2200
7/02/02				10.02	13.84	No sheen or odor	6100	ND<130	ND<130	ND<130	ND<130	2600
10/05/02				10.72	13.14	No sheen or odor	5500	110	ND<100	ND<100	ND<100	2500
1/17/03				8.76	15.10	No sheen or odor	3900[n]	ND<100	ND<100	ND<100	ND<100	2000
4/17/03				9.58	14.28	No sheen or odor	7500	110	ND<10	61	ND<10	3500

TPHg - Total Petroleum Hydrocarbons as gasoline
MTBE - Methyl Tertiary Butyl Ether
MSL - Mean Sea Level
N/A - Not Applicable
ND - Not Detected (Below Laboratory Detection Limit)
* Well screens are submerged
BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
Perf. - Perforation
GW Elev. - Groundwater Elevation
NA - Not Analyzed
† Well screens are not submerged
Z - Sample exhibits unknown single peak or peaks
• TPH as gasoline reported value due to high concentrations of MTBE which are present in the TPH as gasoline quantitation range
[a] Report TPH as gasoline value is the result of high concentrations of discrete peak (MTBE) within the TPH as gasoline quantitation range
c Report TPH as gasoline value contains the result of high concentrations of MTBE within the TPH as gasoline quantitation
[n] Report TPH as gasoline value contains the result of high concentrations of MTBE within the TPH as gasoline quantitation range
High surrogate recovery for 4-BFB due to matrix interference. See TFT results.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR HYDROCARBONS FUEL OXYGENATES (EPA 8260B)

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
5/24/00	MW-1	Methyl tert-butyl Ether	74000
8/24/00		Methyl tert-butyl Ether	32000
11/22/00		Methyl tert-butyl Ether	35000
2/22/01		Methyl tert-butyl Ether	51000
5/29/01		Methyl tert-butyl Ether	110000
8/22/01		Methyl tert-butyl Ether tert-Butanol	70000 11000
12/06/01		Methyl tert-butyl Ether	37000
3/25/02		Methyl tert-butyl Ether	20000
7/02/02		Methyl tert-butyl Ether	13000
10/05/02		Methyl tert-butyl Ether	3800
1/17/03		Methyl tert-butyl Ether tert-Butanol	11000 2200
4/17/03		Methyl-t-butyl Ether n-Propylbenzene	1400 3.1
5/24/00	MW-2	Methyl tert-butyl Ether	180000
8/24/00		Methyl tert-butyl Ether	70000
11/22/00		Methyl tert-butyl Ether	43000
2/22/01		Methyl tert-butyl Ether	61000
5/29/01		Methyl tert-butyl Ether	24000
8/22/01		Methyl tert-butyl Ether	12000
12/06/01		Methyl tert-butyl Ether	22000
3/25/02		Methyl tert-butyl Ether	25000
7/02/02		Methyl tert-butyl Ether	6000
10/05/02		Methyl tert-butyl Ether	3400
1/17/03		Methyl tert-butyl Ether tert-Butanol	6800 1100
4/17/03		Methyl-t-butyl Ether	3100
5/24/00	MW-3	Methyl tert-butyl Ether	200000
8/24/00		Methyl tert-butyl Ether	170000
11/22/00		Methyl tert-butyl Ether	160000

TABLE 2 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR HYDROCARBONS FUEL OXYGENATES (EPA 8260B)

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
2/22/01	MW-3	Methyl tert-butyl Ether	200000
5/29/01		Methyl tert-butyl Ether	78000
8/22/01		Methyl tert-butyl Ether	98000
12/06/01		Methyl tert-butyl Ether	94000
3/25/02		Methyl tert-butyl Ether	6200
7/02/02		Methyl tert-butyl Ether	67000
10/05/02		Methyl tert-butyl Ether Methylene Chloride	55000 7000
1/17/03		Methyl tert-butyl Ether	49000
4/17/03		Methyl-t-butyl Ether	38000
5/24/00	MW-4	Methyl tert-butyl Ether	40
8/24/00		Methyl tert-butyl Ether Toluene	44 7.4
11/22/00		Methyl tert-butyl Ether	25
2/22/01		Methyl tert-butyl Ether	32
5/29/01		Methyl tert-butyl Ether	31
8/22/01		Methyl tert-butyl Ether	28
12/06/01		Methyl tert-butyl Ether	25
3/25/02		Methyl tert-butyl Ether	14
7/02/02		None Detected	<5
10/05/02		Methyl tert-butyl Ether	53
1/17/03		Methyl tert-butyl Ether	23
4/17/03		Methyl-t-butyl Ether Benzene Toluene Ethylbenzene P,M-Xylene O-Xylene Naphthalene	89 3 2.8 1.1 2 0.84 0.81

TABLE 2 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR HYDROCARBONS FUEL OXYGENATES (EPA 8260B)

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
5/24/00	MW-5	Benzene	180
		Ethylbenzene	140
		Isopopylbenzene	55
		Methyl tert-butyl Ether	200
		n-Butylbenzene	42
		n-Propylbenzene	200
		Naphthalene	120
8/24/00		1,2,4-Trimethylbenzene	15
		Benzene	150
		Ethylbenzene	91
		Isopopylbenzene	38
		Methyl tert-butyl Ether	300
		n-Butylbenzene	29
		n-Propylbenzene	140
		Naphthalene	87
		p-Isopropyltoluene	28
		sec-Butylbenzene	12
11/22/00		Benzene	120
		Ethylbenzene	46
		Isopropylbenzene	31
		Methyl tert-butyl Ether	510
		n-Propylbenzene	100
		Naphthalene	37
2/22/01		Benzene	100
		Ethylbenzene	94
		Methyl tert-butyl Ether	700
		n-Propylbenzene	160
		Naphthalene	90
5/29/01		Benzene	83
		Ethylbenzene	58
		Methyl tert-butyl Ether	860
		n-Propylbenzene	130
		Naphthalene	64

TABLE 2 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR HYDROCARBONS FUEL OXYGENATES (EPA 8260B)

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
8/22/01	MW-5	Benzene	150
		Methyl tert-butyl Ether	1700
		n-Propylbenzene	230
		Naphthalene	140
12/06/01		Methyl tert-butyl Ether	1900
3/25/02		Methyl tert-butyl Ether	2200
		Benzene	170
		Propylbenzene	180
7/02/02		Methyl tert-butyl Ether	2600
		Propylbenzene	240
10/05/02		Benzene	110
		Methyl tert-butyl Ether	2500
		n-Propylbenzene	230
		Naphthalene	120
1/17/03		Methyl tert-butyl Ether	2000
		n-Propylbenzene	140
		tert-Butanol	310
4/17/03		Methyl-t-butyl Ether	3500
		Benzene	110
		Ethylbenzene	61
		Isopropylbenzene	71
		n-Propylbenzene	270
		sec-Butylbenzene	21
		Naphthalene	140

File No. 12-99-702-SI

A P P E N D I X "B"

ENVIRO SOIL TECH CONSULTANTS

File No. 12-99-702-SI

ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1

File No. 12-99-702-SI

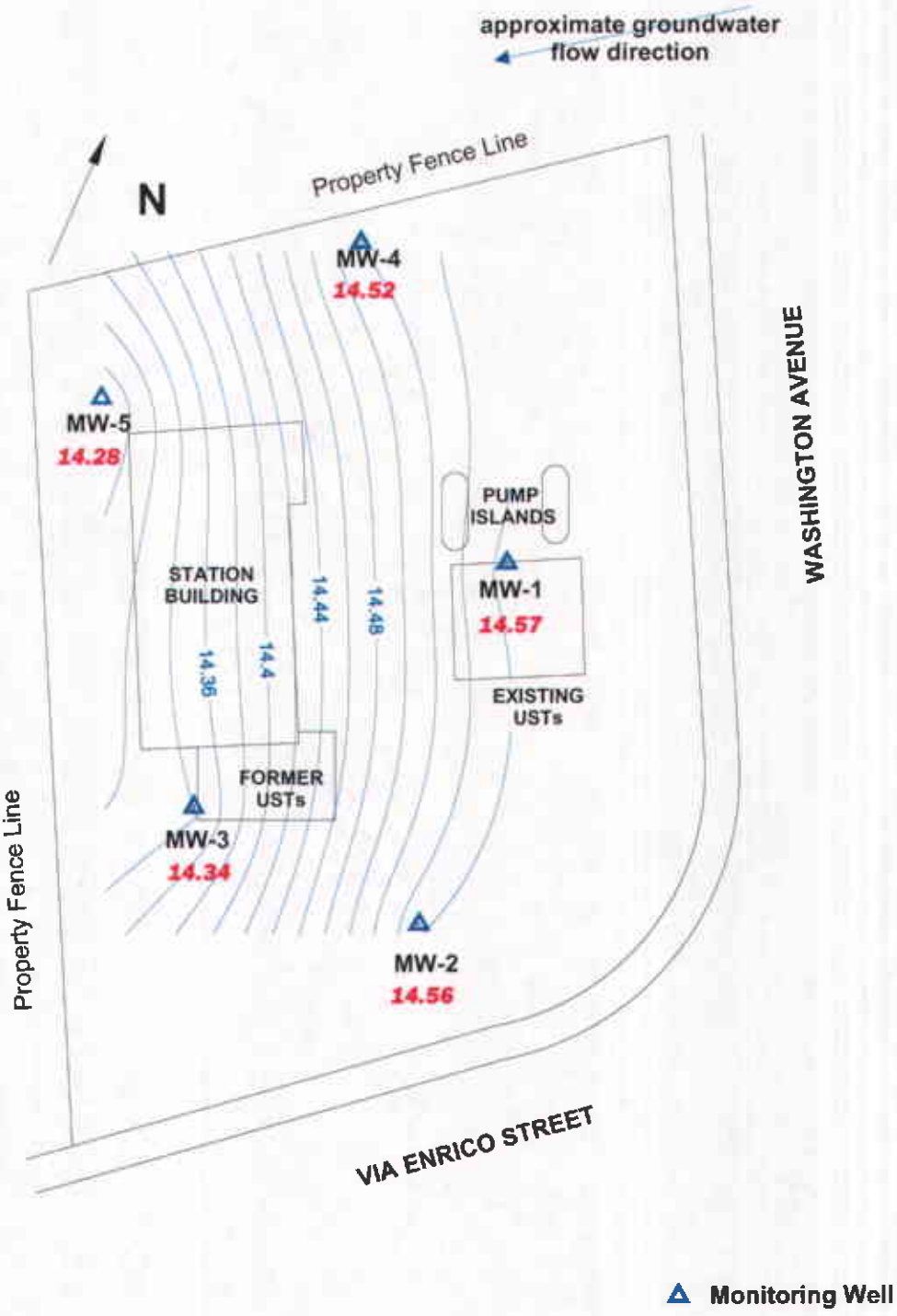


Figure 2: Groundwater elevation contour map.
April 17, 2003.

Enviro Soil Consultants

M2

4/29/03

File No. 12-99-702-SI

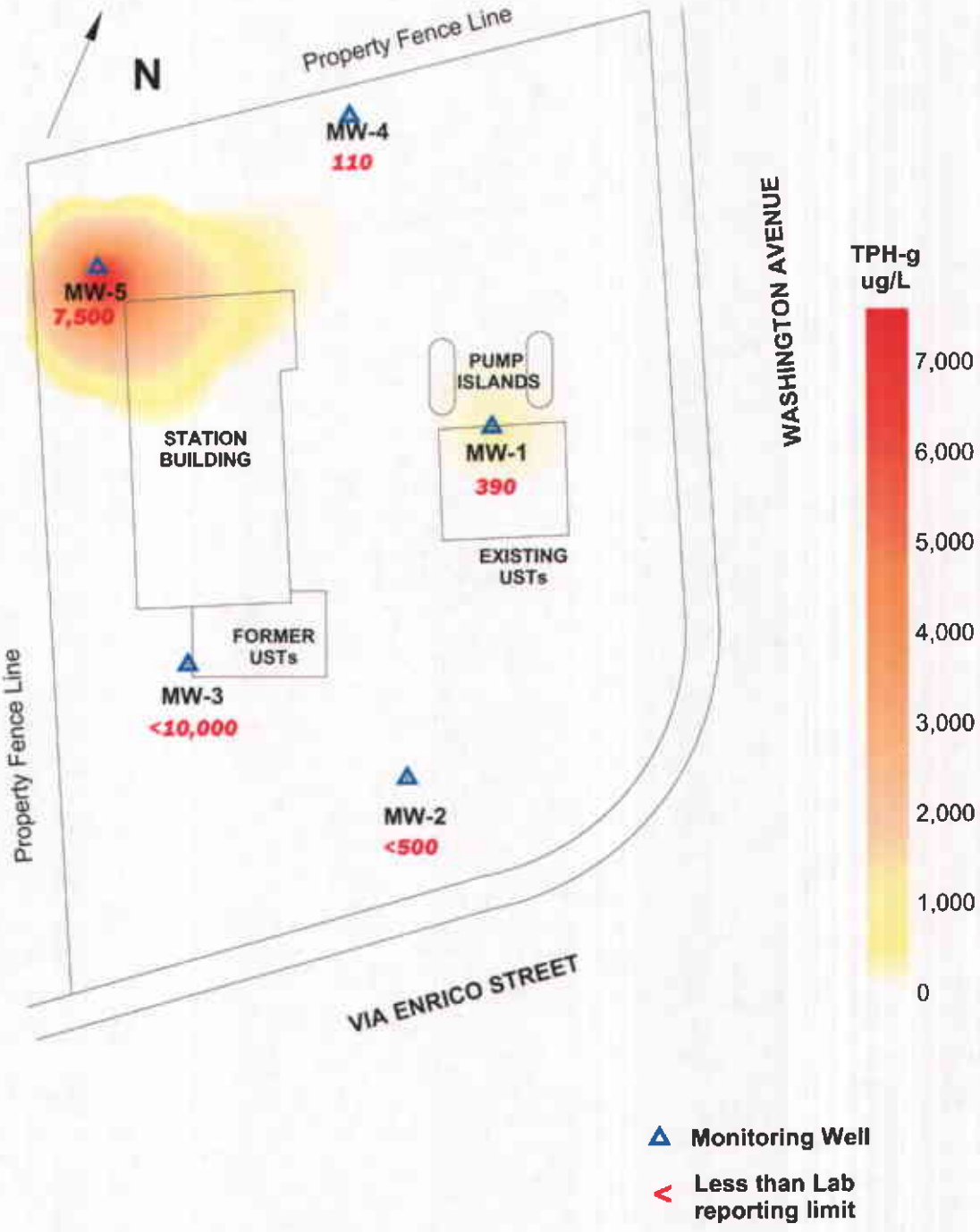


Figure 3: Contour map of TPH-g concentrations in the groundwater. April 17, 2003.

Enviro Soil Consultants

M3

4/29/03

File No. 12-99-702-SI

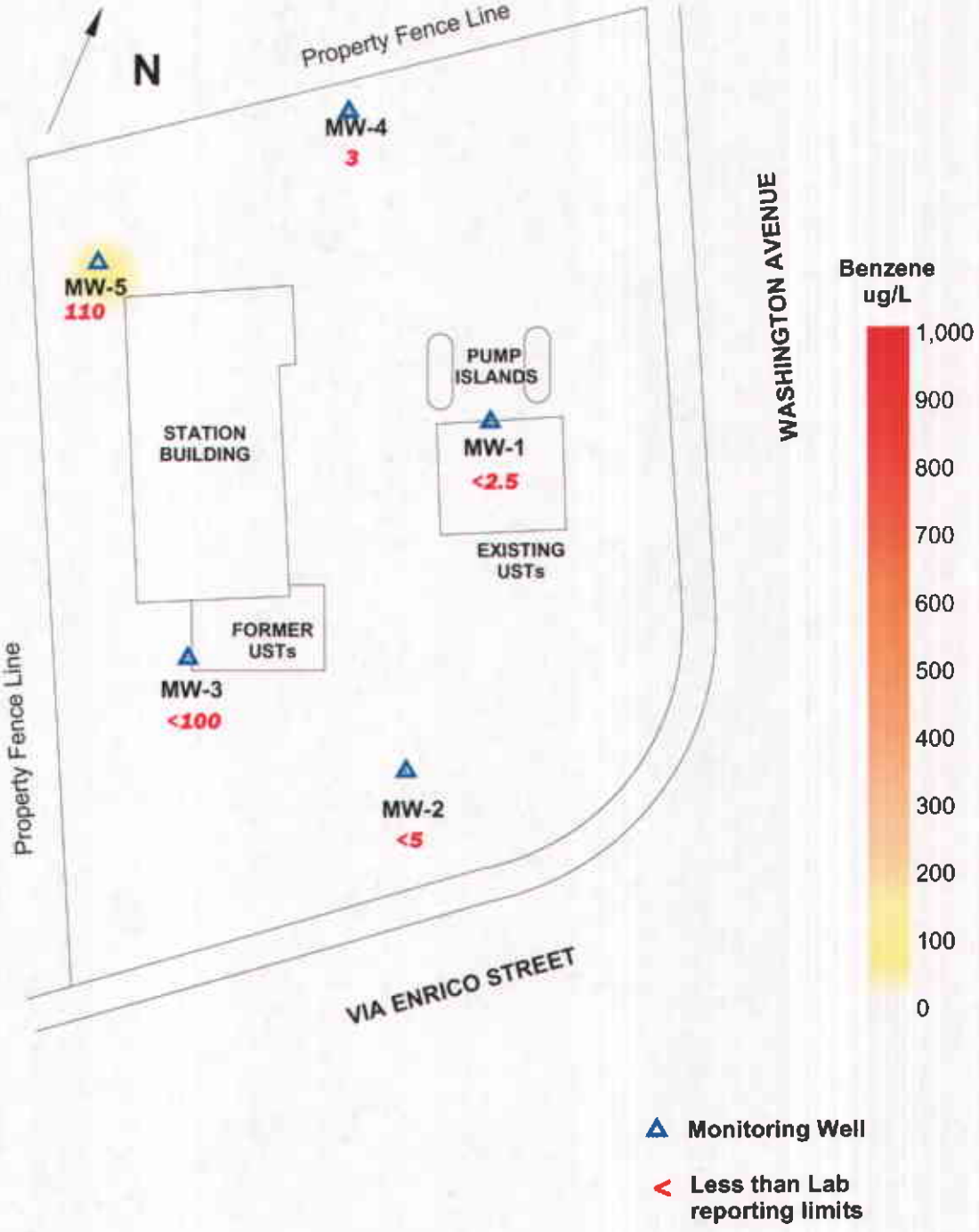


Figure 4: Contour map of Benzene concentrations in the groundwater. April 17, 2003.

Enviro Soil Consultants

M4

4/29/03

File No. 12-99-702-SI

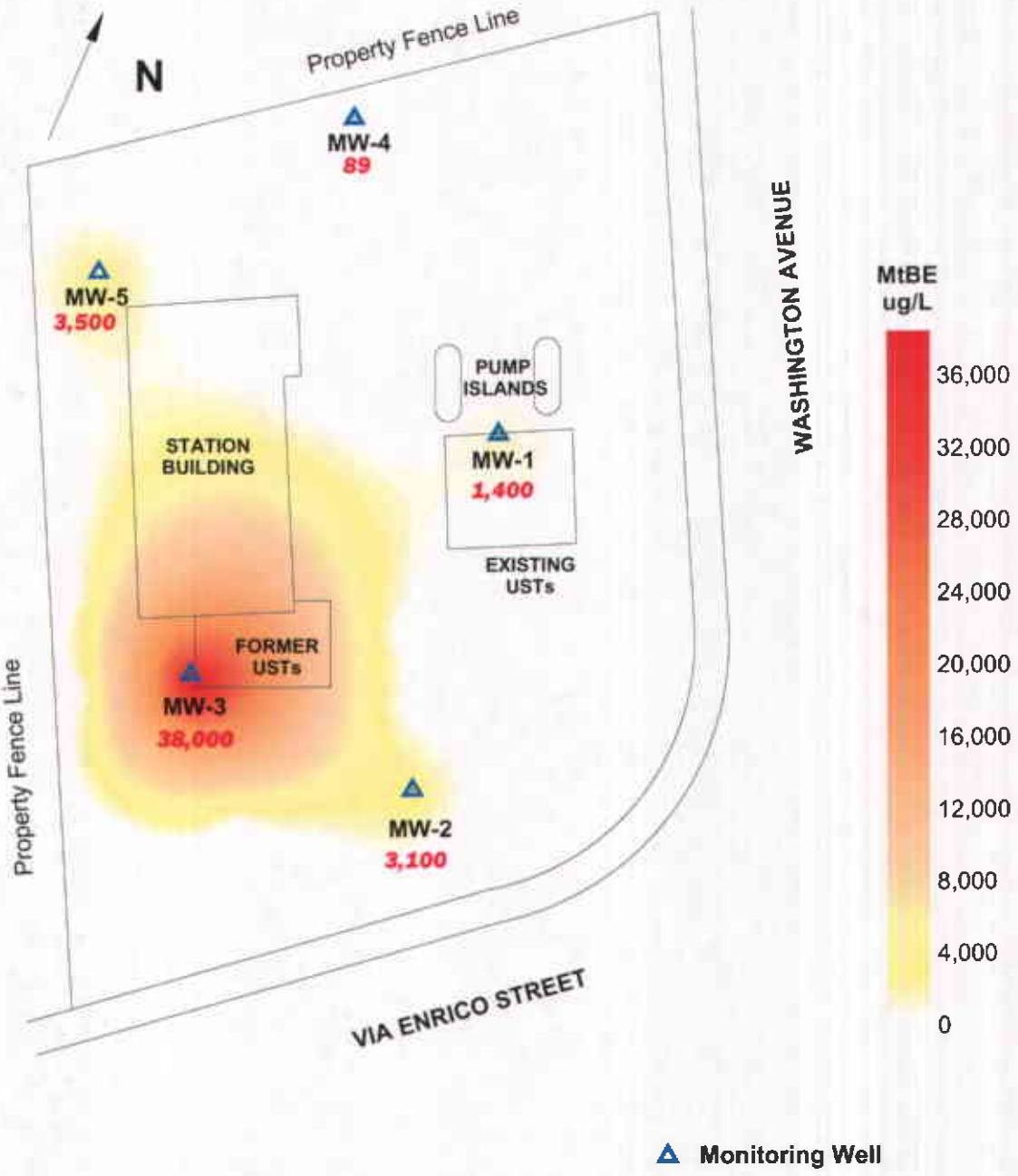


Figure 5: Contour map of MtBE concentrations in the groundwater.
April 17, 2003.

Enviro Soil Consultants

M5

4/29/03

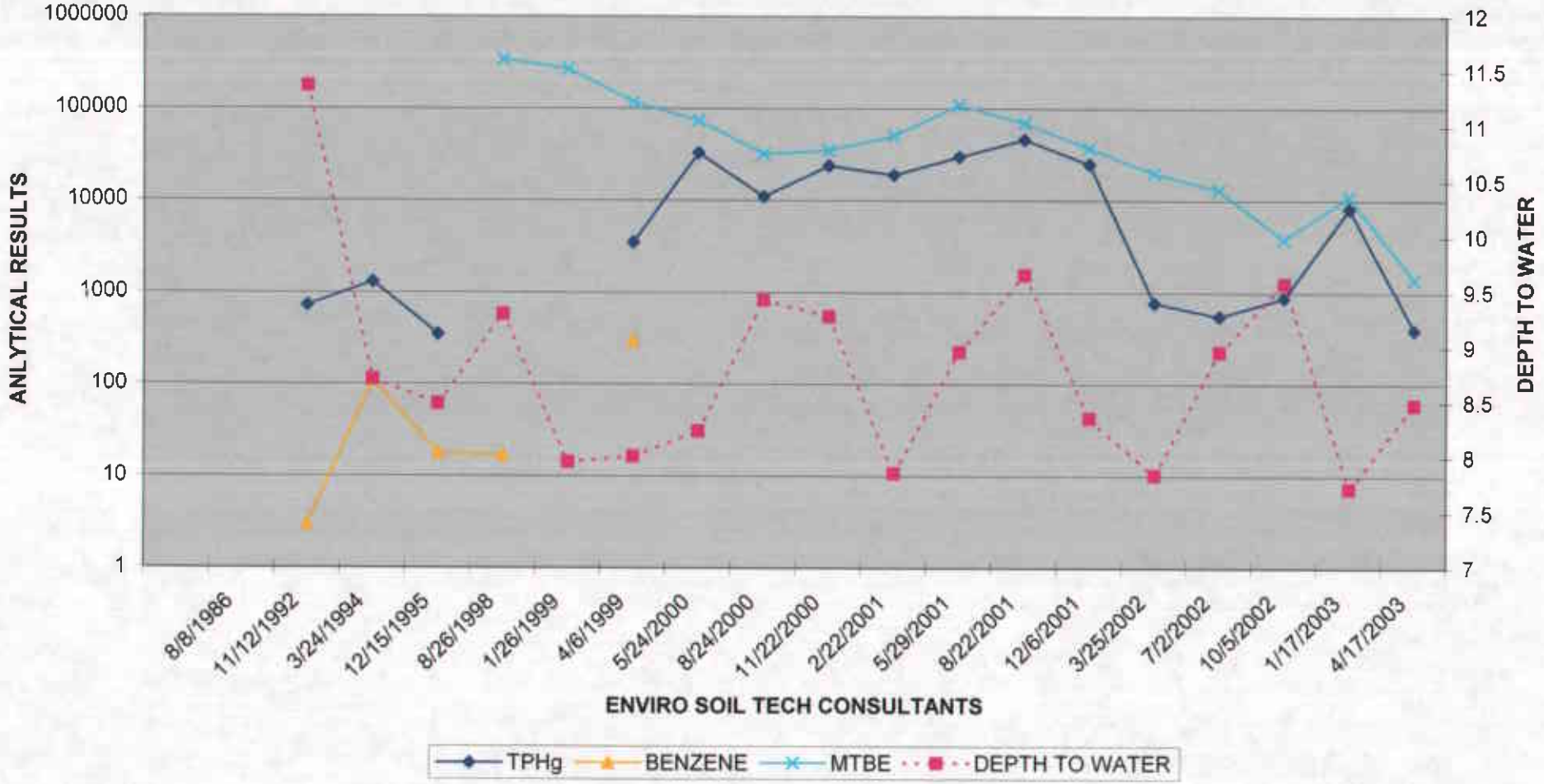
File No. 12-99-702-SI

A P P E N D I X "C"

ENVIRO SOIL TECH CONSULTANTS

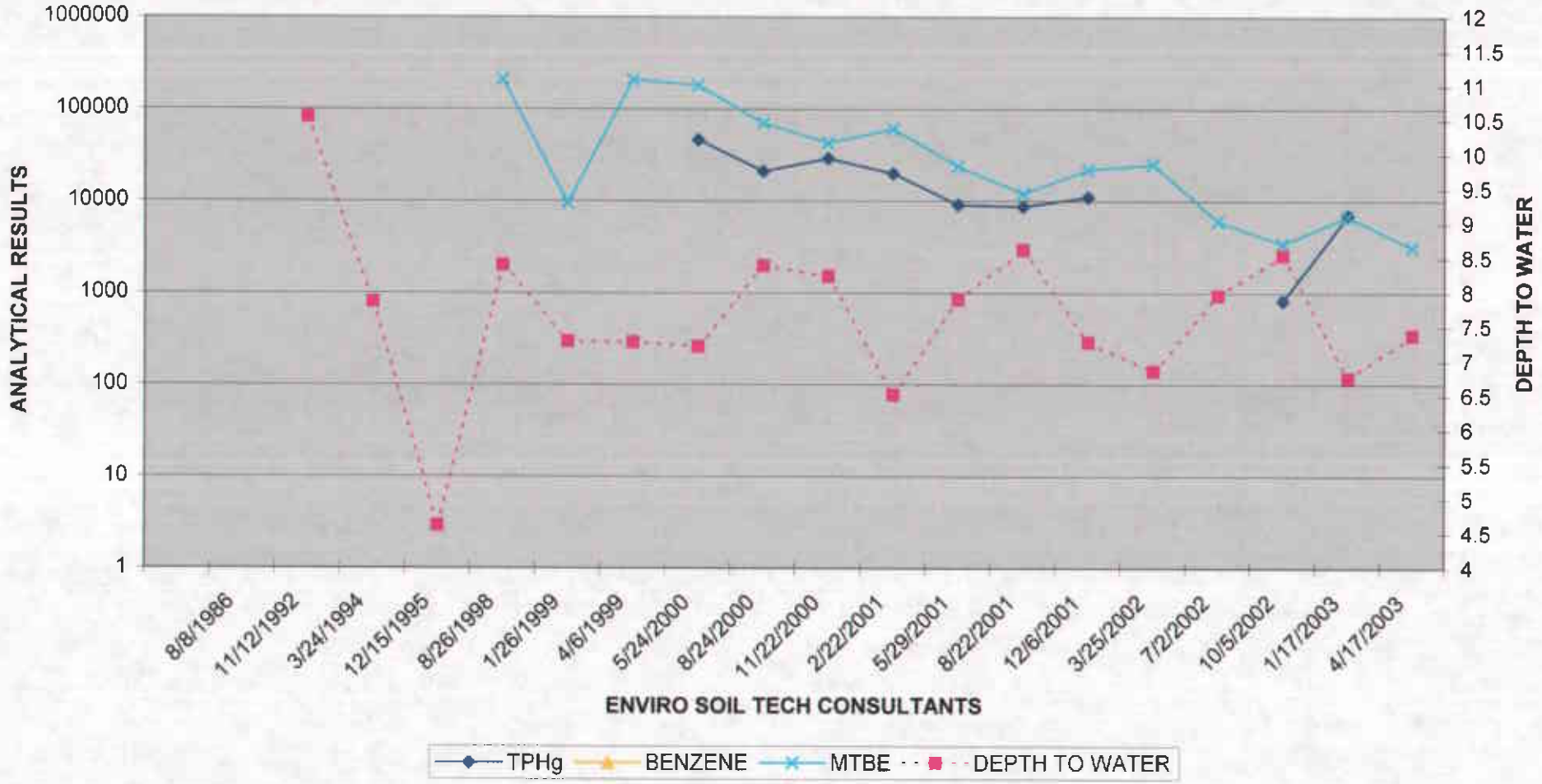
File No.: 12-99-702-SI

TPHg, BENZENE & MTBE FOR MW-1 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



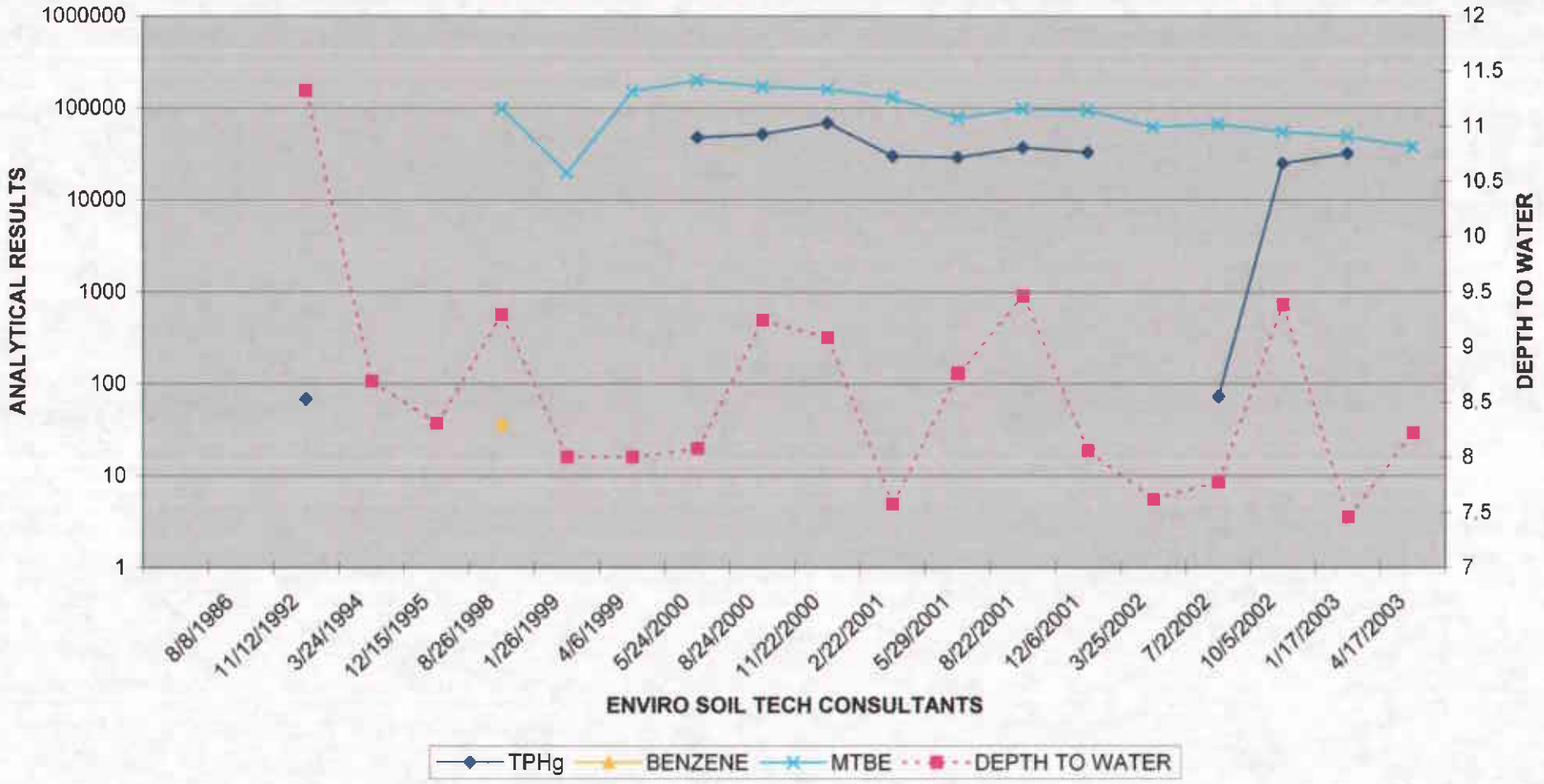
File No.: 12-99-702-SI

TPHg, BENZENE & MTBE RESULTS FOR MW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



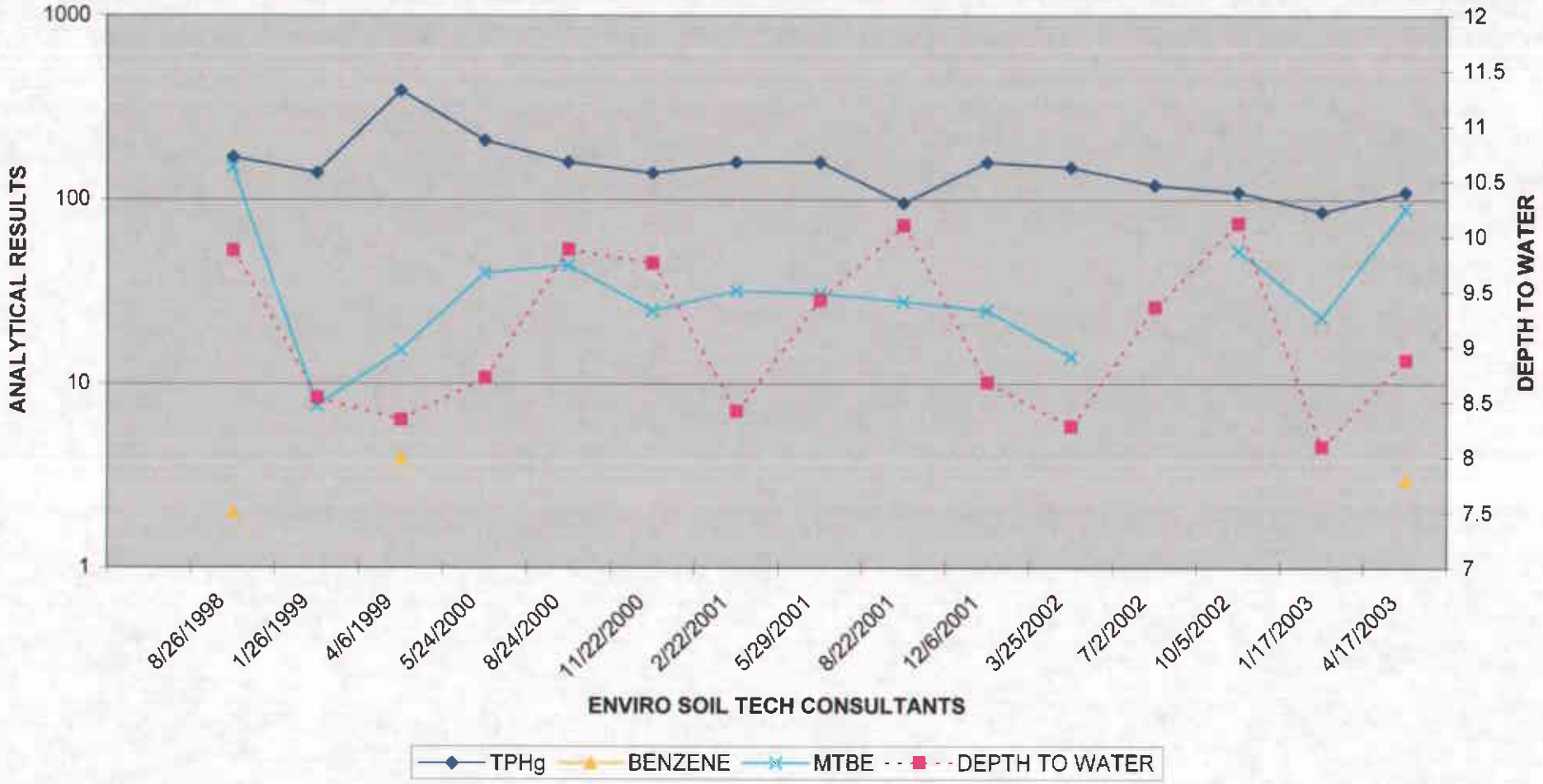
File No.: 12-99-702-SI

TPHg, BENZENE & MTBE RESULTS FOR MW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



File No.: 12-99-702-SI

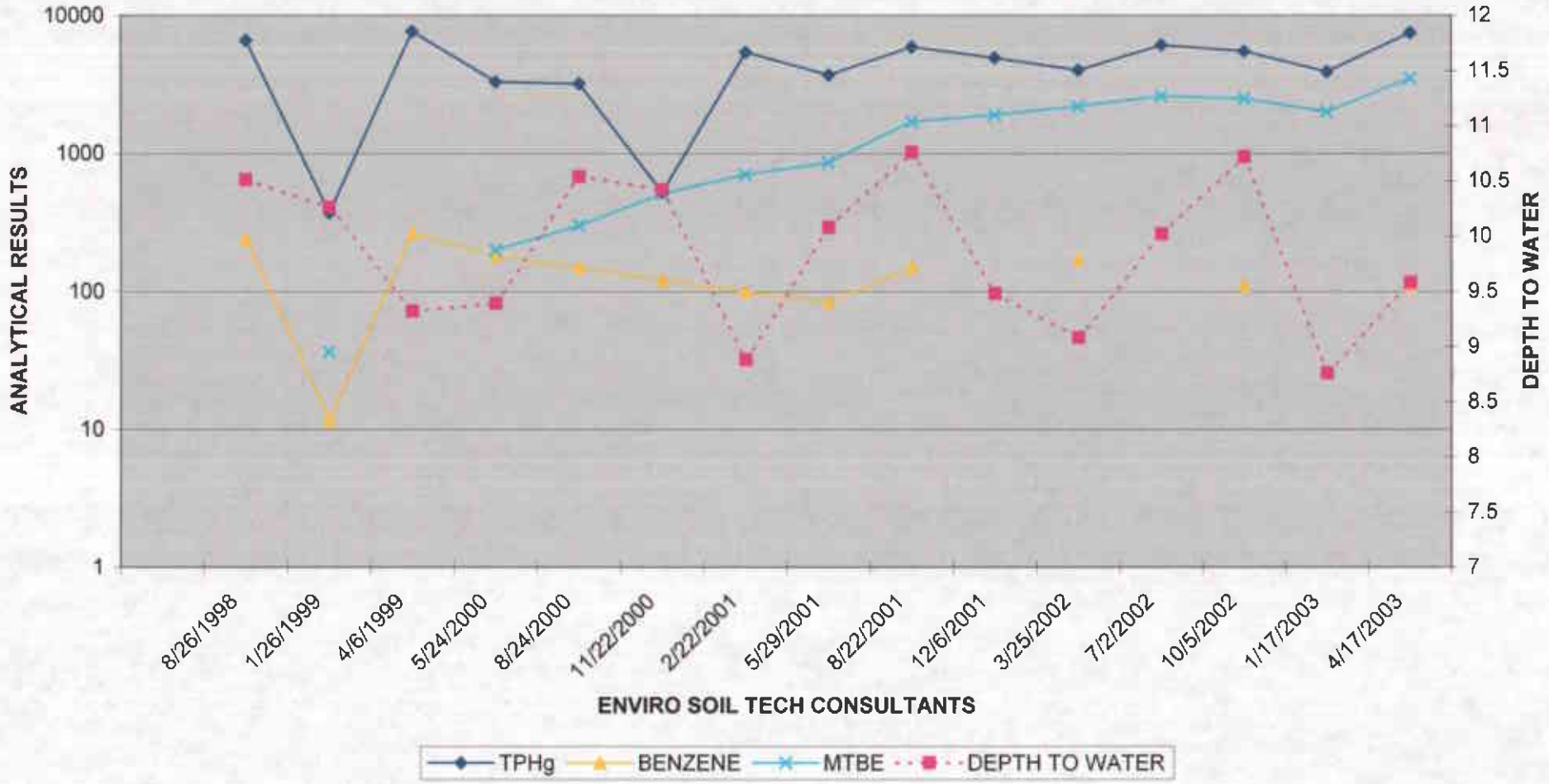
TPHg, BENZENE & MTBE RESULTS FOR MW-4 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

File No.: 12-99-702-SI

TPHg, BENZENE & MTBE RESULTS FOR MW-5 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

File No. 12-99-702-SI

A P P E N D I X "D"

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. 12-99-702-SI

A P P E N D I X "E"

ENVIRO SOIL TECH CONSULTANTS

KIFF ANALYTICAL LLC

Report Number : 32777
Date : 4/25/2003

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

Subject : 5 Water Samples
Project Name : 15595 Washington Ave., San Lorenzo
Project Number : 12-99-702-SI

Dear Mr. Hamedi,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 32777

Date : 4/25/2003

Sample : **MW-1**

Project Name : **15595 Washington Ave., San**

Project Number : **12-99-702-SI**

Date Analyzed : 4/22/2003

Lab Number : 32777-01

Matrix : Water

Sample Date :4/17/2003

Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Methyl-t-butyl ether (MTBE)	**1400**	2.5	ug/L
TPH as Gasoline	**390**	250	ug/L
Dichlorodifluoromethane	< 2.5	2.5	ug/L
Chloromethane	< 2.5	2.5	ug/L
Vinyl Chloride	< 2.5	2.5	ug/L
Bromomethane	< 100	100	ug/L
Chloroethane	< 2.5	2.5	ug/L
Trichlorofluoromethane	< 2.5	2.5	ug/L
1,1-Dichloroethene	< 2.5	2.5	ug/L
Methylene Chloride	< 25	25	ug/L
trans-1,2-Dichloroethene	< 2.5	2.5	ug/L
1,1-Dichloroethane	< 2.5	2.5	ug/L
2,2-Dichloropropane	< 2.5	2.5	ug/L
cis-1,2-Dichloroethene	< 2.5	2.5	ug/L
Chloroform	< 2.5	2.5	ug/L
Bromochloromethane	< 2.5	2.5	ug/L
1,1,1-Trichloroethane	< 2.5	2.5	ug/L
1,1-Dichloropropene	< 2.5	2.5	ug/L
1,2-Dichloroethane	< 2.5	2.5	ug/L
Carbon Tetrachloride	< 2.5	2.5	ug/L
Benzene	< 2.5	2.5	ug/L
Trichloroethene	< 2.5	2.5	ug/L
1,2-Dichloropropane	< 2.5	2.5	ug/L
Bromodichloromethane	< 2.5	2.5	ug/L
Dibromomethane	< 2.5	2.5	ug/L
cis-1,3-Dichloropropene	< 2.5	2.5	ug/L
Toluene	< 2.5	2.5	ug/L
trans-1,3-Dichloropropene	< 2.5	2.5	ug/L
1,1,2-Trichloroethane	< 2.5	2.5	ug/L
1,3-Dichloropropane	< 2.5	2.5	ug/L
Tetrachloroethene	< 2.5	2.5	ug/L
Dibromochloromethane	< 2.5	2.5	ug/L
1,2-Dibromoethane	< 2.5	2.5	ug/L
Chlorobenzene	< 2.5	2.5	ug/L
1,1,1,2-Tetrachloroethane	< 2.5	2.5	ug/L
Ethylbenzene	< 2.5	2.5	ug/L
P,M-Xylene	< 5.0	5.0	ug/L
O-Xylene	< 2.5	2.5	ug/L

Parameter	Measured Value	MRL [1]	Units
Styrene	< 2.5	2.5	ug/L
Isopropyl benzene	< 2.5	2.5	ug/L
Bromoform	< 2.5	2.5	ug/L
1,1,2,2-Tetrachloroethane	< 2.5	2.5	ug/L
1,2,3-Trichloropropane	< 2.5	2.5	ug/L
n-Propylbenzene	**3.1**	2.5	ug/L
Bromobenzene	< 2.5	2.5	ug/L
1,3,5-Trimethylbenzene	< 2.5	2.5	ug/L
2+4-Chlorotoluene	< 5.0	5.0	ug/L
tert-Butylbenzene	< 2.5	2.5	ug/L
1,2,4-Trimethylbenzene	< 2.5	2.5	ug/L
sec-Butylbenzene	< 2.5	2.5	ug/L
p-Isopropyltoluene	< 2.5	2.5	ug/L
1,3-Dichlorobenzene	< 2.5	2.5	ug/L
1,4-Dichlorobenzene	< 2.5	2.5	ug/L
n-Butylbenzene	< 2.5	2.5	ug/L
1,2-Dichlorobenzene	< 2.5	2.5	ug/L
1,2-Dibromo-3-chloropropane	< 2.5	2.5	ug/L
1,2,4-Trichlorobenzene	< 2.5	2.5	ug/L
Hexachlorobutadiene	< 2.5	2.5	ug/L
Naphthalene	< 2.5	2.5	ug/L
1,2,3-Trichlorobenzene	< 2.5	2.5	ug/L
Dibromofluoromethane (Surr)	109		% Recovery
1,2-Dichloroethane-d4 (Surr)	107		% Recovery
Toluene-d8 (Surr)	100		% Recovery
4-Bromofluorobenzene (Surr)	97.5		% Recovery

1) MRL = Method reporting limit
tr = Trace detected below reporting limit

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 32777
Date : 4/25/2003

Sample : **MW-2**
Project Name : **15595 Washington Ave., San**
Project Number : **12-99-702-SI**
Date Analyzed : 4/22/2003
Lab Number : 32777-02
Matrix : Water
Sample Date :4/17/2003
Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Methyl-t-butyl ether (MTBE)	**3100**	5.0	ug/L
TPH as Gasoline	< 500	500	ug/L
Dichlorodifluoromethane	< 5.0	5.0	ug/L
Chloromethane	< 5.0	5.0	ug/L
Vinyl Chloride	< 5.0	5.0	ug/L
Bromomethane	< 200	200	ug/L
Chloroethane	< 5.0	5.0	ug/L
Trichlorofluoromethane	< 5.0	5.0	ug/L
1,1-Dichloroethene	< 5.0	5.0	ug/L
Methylene Chloride	< 50	50	ug/L
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L
1,1-Dichloroethane	< 5.0	5.0	ug/L
2,2-Dichloropropane	< 5.0	5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L
Chloroform	< 5.0	5.0	ug/L
Bromochloromethane	< 5.0	5.0	ug/L
1,1,1-Trichloroethane	< 5.0	5.0	ug/L
1,1-Dichloropropene	< 5.0	5.0	ug/L
1,2-Dichloroethane	< 5.0	5.0	ug/L
Carbon Tetrachloride	< 5.0	5.0	ug/L
Benzene	< 5.0	5.0	ug/L
Trichloroethene	< 5.0	5.0	ug/L
1,2-Dichloropropane	< 5.0	5.0	ug/L
Bromodichloromethane	< 5.0	5.0	ug/L
Dibromomethane	< 5.0	5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	5.0	ug/L
Toluene	< 5.0	5.0	ug/L
trans-1,3-Dichloropropene	< 5.0	5.0	ug/L
1,1,2-Trichloroethane	< 5.0	5.0	ug/L
1,3-Dichloropropane	< 5.0	5.0	ug/L
Tetrachloroethene	< 5.0	5.0	ug/L
Dibromochloromethane	< 5.0	5.0	ug/L
1,2-Dibromoethane	< 5.0	5.0	ug/L
Chlorobenzene	< 5.0	5.0	ug/L
1,1,1,2-Tetrachloroethane	< 5.0	5.0	ug/L
Ethylbenzene	< 5.0	5.0	ug/L
P,M-Xylene	< 10	10	ug/L
O-Xylene	< 5.0	5.0	ug/L

Parameter	Measured Value	MRL [1]	Units
Styrene	< 5.0	5.0	ug/L
Isopropyl benzene	< 5.0	5.0	ug/L
Bromoform	< 5.0	5.0	ug/L
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L
1,2,3-Trichloropropane	< 5.0	5.0	ug/L
n-Propylbenzene	< 5.0	5.0	ug/L
Bromobenzene	< 5.0	5.0	ug/L
1,3,5-Trimethylbenzene	< 5.0	5.0	ug/L
2+4-Chlorotoluene	< 10	10	ug/L
tert-Butylbenzene	< 5.0	5.0	ug/L
1,2,4-Trimethylbenzene	< 5.0	5.0	ug/L
sec-Butylbenzene	< 5.0	5.0	ug/L
p-Isopropyltoluene	< 5.0	5.0	ug/L
1,3-Dichlorobenzene	< 5.0	5.0	ug/L
1,4-Dichlorobenzene	< 5.0	5.0	ug/L
n-Butylbenzene	< 5.0	5.0	ug/L
1,2-Dichlorobenzene	< 5.0	5.0	ug/L
1,2-Dibromo-3-chloropropane	< 5.0	5.0	ug/L
1,2,4-Trichlorobenzene	< 5.0	5.0	ug/L
Hexachlorobutadiene	< 5.0	5.0	ug/L
Naphthalene	< 5.0	5.0	ug/L
1,2,3-Trichlorobenzene	< 5.0	5.0	ug/L
Dibromofluoromethane (Surr)	107		% Recovery
1,2-Dichloroethane-d4 (Surr)	103		% Recovery
Toluene-d8 (Surr)	99.1		% Recovery
4-Bromofluorobenzene (Surr)	96.4		% Recovery

1) MRL = Method reporting limit
tr = Trace detected below reporting limit

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 32777

Date : 4/25/2003

Sample : **MW-3**

Project Name : **15595 Washington Ave., San**

Project Number : **12-99-702-SI** Date Analyzed : 4/22/2003 Lab Number : 32777-03

Matrix : Water Sample Date :4/17/2003 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Methyl-t-butyl ether (MTBE)	**38000**	100	ug/L
TPH as Gasoline	< 10000	10000	ug/L
Dichlorodifluoromethane	< 100	100	ug/L
Chloromethane	< 100	100	ug/L
Vinyl Chloride	< 100	100	ug/L
Bromomethane	< 2500	2500	ug/L
Chloroethane	< 100	100	ug/L
Trichlorofluoromethane	< 100	100	ug/L
1,1-Dichloroethene	< 100	100	ug/L
Methylene Chloride	< 1000	1000	ug/L
trans-1,2-Dichloroethene	< 100	100	ug/L
1,1-Dichloroethane	< 100	100	ug/L
2,2-Dichloropropane	< 100	100	ug/L
cis-1,2-Dichloroethene	< 100	100	ug/L
Chloroform	< 100	100	ug/L
Bromochloromethane	< 100	100	ug/L
1,1,1-Trichloroethane	< 100	100	ug/L
1,1-Dichloropropene	< 100	100	ug/L
1,2-Dichloroethane	< 100	100	ug/L
Carbon Tetrachloride	< 100	100	ug/L
Benzene	< 100	100	ug/L
Trichloroethene	< 100	100	ug/L
1,2-Dichloropropane	< 100	100	ug/L
Bromodichloromethane	< 100	100	ug/L
Dibromomethane	< 100	100	ug/L
cis-1,3-Dichloropropene	< 100	100	ug/L
Toluene	< 100	100	ug/L
trans-1,3-Dichloropropene	< 100	100	ug/L
1,1,2-Trichloroethane	< 100	100	ug/L
1,3-Dichloropropane	< 100	100	ug/L
Tetrachloroethene	< 100	100	ug/L
Dibromochloromethane	< 100	100	ug/L
1,2-Dibromoethane	< 100	100	ug/L
Chlorobenzene	< 100	100	ug/L
1,1,1,2-Tetrachloroethane	< 100	100	ug/L
Ethylbenzene	< 100	100	ug/L
P,M-Xylene	< 200	200	ug/L
O-Xylene	< 100	100	ug/L

Parameter	Measured Value	MRL [1]	Units
Styrene	< 100	100	ug/L
Isopropyl benzene	< 100	100	ug/L
Bromoform	< 100	100	ug/L
1,1,2,2-Tetrachloroethane	< 100	100	ug/L
1,2,3-Trichloropropane	< 100	100	ug/L
n-Propylbenzene	< 100	100	ug/L
Bromobenzene	< 100	100	ug/L
1,3,5-Trimethylbenzene	< 100	100	ug/L
2+4-Chlorotoluene	< 200	200	ug/L
tert-Butylbenzene	< 100	100	ug/L
1,2,4-Trimethylbenzene	< 100	100	ug/L
sec-Butylbenzene	< 100	100	ug/L
p-Isopropyltoluene	< 100	100	ug/L
1,3-Dichlorobenzene	< 100	100	ug/L
1,4-Dichlorobenzene	< 100	100	ug/L
n-Butylbenzene	< 100	100	ug/L
1,2-Dichlorobenzene	< 100	100	ug/L
1,2-Dibromo-3-chloropropane	< 100	100	ug/L
1,2,4-Trichlorobenzene	< 100	100	ug/L
Hexachlorobutadiene	< 100	100	ug/L
Naphthalene	< 100	100	ug/L
1,2,3-Trichlorobenzene	< 100	100	ug/L
Dibromofluoromethane (Surr)	108		% Recovery
1,2-Dichloroethane-d4 (Surr)	104		% Recovery
Toluene-d8 (Surr)	99.3		% Recovery
4-Bromofluorobenzene (Surr)	98.4		% Recovery

1) MRL = Method reporting limit
tr = Trace detected below reporting limit

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 32777

Date : 4/25/2003

Sample : **MW-4**

Project Name : **15595 Washington Ave., San**

Project Number : **12-99-702-SI**

Date Analyzed : 4/21/2003

Lab Number : 32777-04

Matrix : Water

Sample Date :4/17/2003

Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Methyl-t-butyl ether (MTBE)	**89**	0.50	ug/L
TPH as Gasoline	**110**	50	ug/L
Dichlorodifluoromethane	< 0.50	0.50	ug/L
Chloromethane	< 0.50	0.50	ug/L
Vinyl Chloride	< 0.50	0.50	ug/L
Bromomethane	< 20	20	ug/L
Chloroethane	< 0.50	0.50	ug/L
Trichlorofluoromethane	< 0.50	0.50	ug/L
1,1-Dichloroethene	< 0.50	0.50	ug/L
Methylene Chloride	< 5.0	5.0	ug/L
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L
1,1-Dichloroethane	< 0.50	0.50	ug/L
2,2-Dichloropropane	< 0.50	0.50	ug/L
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L
Chloroform	< 0.50	0.50	ug/L
Bromochloromethane	< 0.50	0.50	ug/L
1,1,1-Trichloroethane	< 0.50	0.50	ug/L
1,1-Dichloropropene	< 0.50	0.50	ug/L
1,2-Dichloroethane	< 0.50	0.50	ug/L
Carbon Tetrachloride	< 0.50	0.50	ug/L
Benzene	**3.0**	0.50	ug/L
Trichloroethene	< 0.50	0.50	ug/L
1,2-Dichloropropane	< 0.50	0.50	ug/L
Bromodichloromethane	< 0.50	0.50	ug/L
Dibromomethane	< 0.50	0.50	ug/L
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L
Toluene	**2.8**	0.50	ug/L
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L
1,1,2-Trichloroethane	< 0.50	0.50	ug/L
1,3-Dichloropropane	< 0.50	0.50	ug/L
Tetrachloroethene	< 0.50	0.50	ug/L
Dibromochloromethane	< 0.50	0.50	ug/L
1,2-Dibromoethane	< 0.50	0.50	ug/L
Chlorobenzene	< 0.50	0.50	ug/L
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L
Ethylbenzene	**1.1**	0.50	ug/L
P,M-Xylene	**2.0**	1.0	ug/L
O-Xylene	**0.84**	0.50	ug/L

Parameter	Measured Value	MRL [1]	Units
Styrene	< 0.50	0.50	ug/L
Isopropyl benzene	< 0.50	0.50	ug/L
Bromoform	< 0.50	0.50	ug/L
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L
1,2,3-Trichloropropane	< 0.50	0.50	ug/L
n-Propylbenzene	< 0.50	0.50	ug/L
Bromobenzene	< 0.50	0.50	ug/L
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L
2+4-Chlorotoluene	< 1.0	1.0	ug/L
tert-Butylbenzene	< 0.50	0.50	ug/L
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L
sec-Butylbenzene	< 0.50	0.50	ug/L
p-Isopropyltoluene	< 0.50	0.50	ug/L
1,3-Dichlorobenzene	< 0.50	0.50	ug/L
1,4-Dichlorobenzene	< 0.50	0.50	ug/L
n-Butylbenzene	< 0.50	0.50	ug/L
1,2-Dichlorobenzene	< 0.50	0.50	ug/L
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L
Hexachlorobutadiene	< 0.50	0.50	ug/L
Naphthalene	**0.81**	0.50	ug/L
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L
Dibromofluoromethane (Surr)	108		% Recovery
1,2-Dichloroethane-d4 (Surr)	102		% Recovery
Toluene-d8 (Surr)	98.5		% Recovery
4-Bromofluorobenzene (Surr)	114		% Recovery

1) MRL = Method reporting limit
tr = Trace detected below reporting limit

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 32777
Date : 4/25/2003

Sample : **MW-5**
Project Name : **15595 Washington Ave., San**
Project Number : **12-99-702-SI** Date Analyzed : 4/22/2003 Lab Number : 32777-05
Matrix : Water Sample Date :4/17/2003 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Methyl-t-butyl ether (MTBE)	**3500**	10	ug/L
TPH as Gasoline	**7500**	1000	ug/L
Dichlorodifluoromethane	< 10	10	ug/L
Chloromethane	< 10	10	ug/L
Vinyl Chloride	< 10	10	ug/L
Bromomethane	< 250	250	ug/L
Chloroethane	< 10	10	ug/L
Trichlorofluoromethane	< 10	10	ug/L
1,1-Dichloroethene	< 10	10	ug/L
Methylene Chloride	< 100	100	ug/L
trans-1,2-Dichloroethene	< 10	10	ug/L
1,1-Dichloroethane	< 10	10	ug/L
2,2-Dichloropropane	< 10	10	ug/L
cis-1,2-Dichloroethene	< 10	10	ug/L
Chloroform	< 10	10	ug/L
Bromochloromethane	< 10	10	ug/L
1,1,1-Trichloroethane	< 10	10	ug/L
1,1-Dichloropropene	< 10	10	ug/L
1,2-Dichloroethane	< 10	10	ug/L
Carbon Tetrachloride	< 10	10	ug/L
Benzene	**110**	10	ug/L
Trichloroethene	< 10	10	ug/L
1,2-Dichloropropane	< 10	10	ug/L
Bromodichloromethane	< 10	10	ug/L
Dibromomethane	< 10	10	ug/L
cis-1,3-Dichloropropene	< 10	10	ug/L
Toluene	< 10	10	ug/L
trans-1,3-Dichloropropene	< 10	10	ug/L
1,1,2-Trichloroethane	< 10	10	ug/L
1,3-Dichloropropane	< 10	10	ug/L
Tetrachloroethene	< 10	10	ug/L
Dibromochloromethane	< 10	10	ug/L
1,2-Dibromoethane	< 10	10	ug/L
Chlorobenzene	< 10	10	ug/L
1,1,1,2-Tetrachloroethane	< 10	10	ug/L
Ethylbenzene	**61**	10	ug/L
P,M-Xylene	< 20	20	ug/L
O-Xylene	< 10	10	ug/L

Parameter	Measured Value	MRL [1]	Units
Styrene	< 10	10	ug/L
Isopropyl benzene	**71**	10	ug/L
Bromoform	< 10	10	ug/L
1,1,2,2-Tetrachloroethane	< 10	10	ug/L
1,2,3-Trichloropropane	< 10	10	ug/L
n-Propylbenzene	**270**	10	ug/L
Bromobenzene	< 10	10	ug/L
1,3,5-Trimethylbenzene	< 10	10	ug/L
2+4-Chlorotoluene	< 20	20	ug/L
tert-Butylbenzene	< 10	10	ug/L
1,2,4-Trimethylbenzene	< 10	10	ug/L
sec-Butylbenzene	**21**	10	ug/L
p-Isopropyltoluene	< 10	10	ug/L
1,3-Dichlorobenzene	< 10	10	ug/L
1,4-Dichlorobenzene	< 10	10	ug/L
n-Butylbenzene	< 100	100	ug/L
1,2-Dichlorobenzene	< 10	10	ug/L
1,2-Dibromo-3-chloropropane	< 10	10	ug/L
1,2,4-Trichlorobenzene	< 10	10	ug/L
Hexachlorobutadiene	< 10	10	ug/L
Naphthalene	**140**	10	ug/L
1,2,3-Trichlorobenzene	< 10	10	ug/L
Dibromofluoromethane (Surr)	107		% Recovery
1,2-Dichloroethane-d4 (Surr)	107		% Recovery
Toluene-d8 (Surr)	99.8		% Recovery
4-Bromofluorobenzene (Surr)	98.9		% Recovery

1) MRL = Method reporting limit
tr = Trace detected below reporting limit

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 32777

Date : 4/25/2003

QC Report : Method Blank Data

Project Name : **15595 Washington Ave., San Lorenzo**

Project Number : **12-99-702-SI**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/21/2003
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromomethane	< 20	20	ug/L	EPA 8260B	4/21/2003
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	4/21/2003
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	4/21/2003
O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Styrene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromoform	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
2+4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	4/21/2003
tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Dibromofluoromethane (Surr)	96.9		%	EPA 8260B	4/21/2003
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	4/21/2003
Toluene - d8 (Surr)	103		%	EPA 8260B	4/21/2003
4-Bromofluorobenzene (Surr)	97.7		%	EPA 8260B	4/21/2003

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 32777

Date : 4/25/2003

QC Report : Method Blank Data

Project Name : **15595 Washington Ave., San Lorenzo**

Project Number : **12-99-702-SI**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/23/2003
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Bromomethane	< 20	20	ug/L	EPA 8260B	4/23/2003
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	4/23/2003
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	4/23/2003
O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Styrene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Bromoform	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
2+4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	4/23/2003
tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/23/2003
Dibromofluoromethane (Surr)	104		%	EPA 8260B	4/23/2003
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	4/23/2003
Toluene - d8 (Surr)	99.0		%	EPA 8260B	4/23/2003
4-Bromofluorobenzene (Surr)	93.9		%	EPA 8260B	4/23/2003

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 32777

Date : 4/25/2003

QC Report : Method Blank Data

Project Name : **15595 Washington Ave., San Lorenzo**

Project Number : **12-99-702-SI**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/21/2003
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromomethane	< 20	20	ug/L	EPA 8260B	4/21/2003
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	4/21/2003
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	4/21/2003
O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Styrene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromoform	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
2+4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	4/21/2003
tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	4/21/2003
Dibromofluoromethane (Surr)	109		%	EPA 8260B	4/21/2003
1,2-Dichloroethane-d4 (Surr)	106		%	EPA 8260B	4/21/2003
Toluene - d8 (Surr)	99.7		%	EPA 8260B	4/21/2003
4-Bromofluorobenzene (Surr)	113		%	EPA 8260B	4/21/2003

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 32777

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 4/25/2003

Project Name : **15595 Washington Ave.,**

Project Number : **12-99-702-SI**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,1-Dichloroethane	32781-01	<0.50	39.8	39.7	40.8	41.0	ug/L	EPA 8260B	4/21/03	103	103	0.510	70-130	25
Benzene	32781-01	<0.50	39.8	39.7	41.0	41.3	ug/L	EPA 8260B	4/21/03	103	104	0.916	70-130	25
1,2-Dichloroethane	32781-01	<0.50	39.8	39.7	38.2	39.0	ug/L	EPA 8260B	4/21/03	96.0	98.3	2.37	70-130	25
Toluene	32781-01	<0.50	39.8	39.7	43.6	42.7	ug/L	EPA 8260B	4/21/03	110	108	1.86	70-130	25
Chlorobenzene	32781-01	<0.50	39.8	39.7	43.7	44.0	ug/L	EPA 8260B	4/21/03	110	111	0.905	70-130	25
Tert-Butanol	32781-01	<5.0	199	198	206	218	ug/L	EPA 8260B	4/21/03	104	110	5.66	70-130	25
Methyl-t-Butyl Ether	32781-01	<0.50	39.8	39.7	31.7	32.2	ug/L	EPA 8260B	4/21/03	79.6	81.2	1.96	70-130	25
1,1-Dichloroethane	32778-03	<0.50	39.8	39.9	40.1	40.4	ug/L	EPA 8260B	4/23/03	101	101	0.421	70-130	25
Benzene	32778-03	<0.50	39.8	39.9	40.1	39.9	ug/L	EPA 8260B	4/23/03	101	100	0.723	70-130	25
1,2-Dichloroethane	32778-03	<0.50	39.8	39.9	38.5	38.8	ug/L	EPA 8260B	4/23/03	96.7	97.2	0.464	70-130	25
Toluene	32778-03	<0.50	39.8	39.9	38.6	38.5	ug/L	EPA 8260B	4/23/03	96.8	96.4	0.388	70-130	25
Chlorobenzene	32778-03	<0.50	39.8	39.9	42.5	42.2	ug/L	EPA 8260B	4/23/03	107	106	1.04	70-130	25
Tert-Butanol	32778-03	<5.0	199	200	198	213	ug/L	EPA 8260B	4/23/03	99.5	107	7.16	70-130	25
Methyl-t-Butyl Ether	32778-03	<0.50	39.8	39.9	34.3	33.9	ug/L	EPA 8260B	4/23/03	86.0	84.8	1.38	70-130	25
1,1-Dichloroethane	32777-04	<0.50	40.0	40.0	34.0	35.0	ug/L	EPA 8260B	4/21/03	84.9	87.5	2.99	70-130	25
Benzene	32777-04	3.0	40.0	40.0	41.2	41.4	ug/L	EPA 8260B	4/21/03	95.5	96.0	0.496	70-130	25
1,2-Dichloroethane	32777-04	<0.50	40.0	40.0	39.5	40.2	ug/L	EPA 8260B	4/21/03	98.7	100	1.73	70-130	25
Toluene	32777-04	2.8	40.0	40.0	40.9	41.5	ug/L	EPA 8260B	4/21/03	95.3	96.6	1.38	70-130	25
Chlorobenzene	32777-04	<0.50	40.0	40.0	42.6	42.7	ug/L	EPA 8260B	4/21/03	106	107	0.258	70-130	25
Tert-Butanol	32777-04	14	200	200	220	219	ug/L	EPA 8260B	4/21/03	103	103	0.616	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 32777

Date : 4/25/2003

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **15595 Washington Ave.,**

Project Number : **12-99-702-SI**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methyl-t-Butyl Ether	32777-04	89	40.0	40.0	128	130	ug/L	EPA 8260B	4/21/03	96.5	102	5.52	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 32777

Date : 4/25/2003

QC Report : Laboratory Control Sample (LCS)

Project Name : **15595 Washington Ave.,**

Project Number : **12-99-702-SI**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,1-Dichloroethane	40.0	ug/L	EPA 8260B	4/21/03	100	70-130
Benzene	40.0	ug/L	EPA 8260B	4/21/03	101	70-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	4/21/03	97.2	70-130
Toluene	40.0	ug/L	EPA 8260B	4/21/03	107	70-130
Chlorobenzene	40.0	ug/L	EPA 8260B	4/21/03	109	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/21/03	98.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/21/03	89.1	70-130
1,1-Dichloroethane	40.0	ug/L	EPA 8260B	4/23/03	101	70-130
Benzene	40.0	ug/L	EPA 8260B	4/23/03	99.3	70-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	4/23/03	97.2	70-130
Toluene	40.0	ug/L	EPA 8260B	4/23/03	94.9	70-130
Chlorobenzene	40.0	ug/L	EPA 8260B	4/23/03	105	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/23/03	99.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/23/03	84.8	70-130
1,1-Dichloroethane	40.0	ug/L	EPA 8260B	4/21/03	82.2	70-130
Benzene	40.0	ug/L	EPA 8260B	4/21/03	94.0	70-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	4/21/03	99.3	70-130
Toluene	40.0	ug/L	EPA 8260B	4/21/03	95.2	70-130
Chlorobenzene	40.0	ug/L	EPA 8260B	4/21/03	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/21/03	96.4	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 32777

Date : 4/25/2003

QC Report : Laboratory Control Sample (LCS)

Project Name : **15595 Washington Ave.,**

Project Number : **12-99-702-SI**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/21/03	91.0	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

CHAIN OF CUSTODY RECORD

32777

PROJ. NO.	NAME
12-99-7025	15595 Washington Ave. San Lorenzo

SAMPLERS: (Signature) Richard Manley

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2) TPH/BTEX MTBE/8260	REMARKS	
1	4/7/03	12:27		✓	MW-1	3	✓ ✓	our EDF global ID	01
2		13:24		✓	MW-2	3	✓ ✓	number is T0600101374	02
3		14:30		✓	MW-3	3	✓ ✓		03
4		11:31		✓	MW-4	3	✓ ✓		04
5	↓	10:02		✓	MW-5	3	✓ ✓		05

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Receive by: (Signature)
Richard Manley					
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		John Cuttler for Kiff Analytical	041803 1016	Please send lab report to Frank Hamedi. Normal Turn Around	

ENVIRO SOIL TECH CONSULTANTS
Environmental & Geotechnical Consultants
171 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116