File No. 12-99-702-SI

R0374

SECOND QUARTER OF 2004 GROUNDWATER MONITORING AND SAMPLING FOR THE PROPERTY LOCATED AT 15595 WASHINGTON AVENUE SAN LORENZO, CALIFORNIA JULY 20, 2004

PREPARED FOR:
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ENVIRO SOIL TECH CONSULTANTS

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ENVIRO SOIL TECH CONSULTANTS

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131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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July 20, 2004

File No. 12-99-702-SI

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

SUBJECT: SECOND QUARTER OF 2004 GROUNDWATER MONITORING & SAMPLING FOR THE PROPERTY
Located at 15595 Washington Avenue, in
San Lorenzo, California

Dear Mr. Mohammadian:

This report presents results from the quarterly groundwater monitoring and sampling conducted by Enviro Soil Tech Consultants (ESTC), on July 6, 2004, 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.

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 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 July 6, 2004, ESTC's staff monitored five monitoring wells (MW-1 to MW-5) for groundwater depth and presence of sheen and/or odor.

Based on recent field measurement of water depth and well installation data of MW-1, MW-2 and MW-3, these well screens are submerged. Wells MW-4 and MW-5 may have the same well construction; however, at this point, we have no information regarding these wells.

No sheen or odor was detected in monitoring wells MW-1 through MW-4 during field inspection. Sewerage odor was noted in monitoring well MW-5. The shallow groundwater table depths ranged from 8.05 feet (well MW-2) to 10.30 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 Entech Analytical Labs, a state-certified laboratory, with proper chain-of-custody for analyses. The sampling was conducted in accordance with ESTC's Standard Operation Procedures (Appendix "D") 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 northwesterly direction as of July 6, 2004 (Figure 2).

ANALYTICAL RESULTS:

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

Groundwater samples from the monitoring wells detected levels of TPHg ranging from 61 micrograms per liter (µg/L) (MW-4) to the maximum of 13000 µg/L (MW-3) and MTBE ranging from 79 µg/L (MW-4) to maximum of 12000 µg/L (MW-3). Only monitoring well MW-5 detected Benzene at 110 µg/L and Ethylbenzene at 44 µg/L while Toluene and Total Xylenes were below laboratory detection limit in the water sample. Monitoring wells MW-1, MW-2, MW-3 and MW-4 detected BTEX below laboratory detection limit in water samples. Only monitoring well MW-5 detected other hydrocarbons fuel oxygenated constituents in the water 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 TPHg and MTBE in the water samples. One out of five monitoring wells detected Benzene, Ethylbenzene and other hydrocarbons fuel oxygenated constituents in the water samples.

RECOMMENDATION:

Since all five monitoring wells detected TPHg and MTBE in the water samples, 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.

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A P P E N D I X "A"

TABLES

ENVIRO SOIL TECH CONSULTANTS

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

Date	Well No./ Elevation	Depth of Well	~~Depth~~ Length 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

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

Date	Well No./ Elevation	Depth of Well	Depth 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
7/24/03				9.20*	13.85	No sheen or odor	490•	ND<100	ND<100	ND<100	ND<100	590
10/22/03				9.88*	13.17	No sheen or odor	430c	ND<50	ND<50	ND<50	ND<50	540
1/17/04				8.18*	14.87	No sheen or odor	420d	ND<25	ND<25	ND<25	ND<25	340
4/05/04				7.96*	15.09	No sheen or odor	520n	ND<5	ND<5	ND<5	ND<10	700
7/06/04				9.13*	13.92	No sheen or odor	150c	ND<0.5	ND<0.5	ND<0.5	ND<1	120
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

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
11/22/00	MW-2 (21.94)	15	10	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
8/22/01				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
7/24/03				8.14*	13.80	No sheen or odor	720a	ND<5	ND<5	ND<5	ND<5	1400
10/22/03				8.82*	13.12	No sheen or odor	420c	ND<50	ND<50	ND<50	ND<50	580
1/17/04				7.14*	14.80	No sheen or odor	860c	ND<100	ND<100	ND<100	ND<100	1800
4/05/04				6.94*	15.00	No sheen or odor	330n	ND<5	ND<5	ND<5	ND<10	500
7/06/04				8.05*	13.89	No sheen or odor	200e	ND<1	ND<1	ND<1	ND<2	220
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

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
12/15/95	MW-3 (22.73)	16	10	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
11/22/00				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

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
1/17/03	MW-3 (22.56)	16	10	7.46*	15.10	No sheen or odor	32000[a]	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
7/24/03				9.02*	13.54	No sheen or odor	16000[a]	ND <2500	ND <2500	ND <2500	ND <2500	31000
10/22/03				9.66*	12.90	No sheen or odor	17000c	ND <2500	ND <2500	ND <2500	ND <2500	29000
1/17/04				7.92*	14.64	No sheen or odor	11000d	ND <2000	ND <2000	ND <2000	ND <2000	23000
4/05/04				7.46*	15.10	No sheen or odor	13000n	ND<200	ND<200	ND<200	ND<400	22000
7/06/04				8.92*	13.64	No sheen or odor	13000e	ND<50	ND<50	ND<50	ND<100	12000
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
8/24/00				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

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-4 (23.40)	19	N/A	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
7/24/03				9.74	13.66	No sheen or odor	130•	ND<5	ND<5	ND<5	ND<5	71
10/22/03				10.40	13.00	No sheen or odor	130b	ND<5	ND<5	ND<5	ND<5	81
1/17/04				8.72	14.68	No sheen or odor	180d	ND<5	ND<5	ND<5	ND<5	65
4/05/04				8.48	14.92	No sheen or odor	94	ND<0.5	ND<0.5	ND<0.5	ND<1	38
7/06/04				9.67	13.73	No sheen or odor	61e	ND<0.5	ND<0.5	ND<0.5	ND<1	79
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	23.86 Resurveyed			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				10.08	13.78	Rainbow sheen No odor	3700	83	ND<50	58	ND<50	860
8/22/01				10.76	13.10	Light rainbow sheen No odor	5900	150	ND<10	ND<10	ND<10	1700

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
12/06/01	MW-5 (23.86)	19	N/A	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
7/24/03				10.36	13.50	No sheen or odor	7000[n]	ND<250	ND<250	ND<250	ND<250	3300
10/22/03				11.02	12.84	No sheen Sewerage odor	7100	ND<500	ND<500	ND<500	ND<500	6100
1/17/04				9.30	14.56	No sheen Sewerage odor	7100n	ND<500	ND<500	ND<500	ND<500	4200
4/05/04				9.06	14.80	No sheen Light sewerage odor	6200n	100	ND<50	ND<50	ND<100	4800
7/06/04				10.30	13.56	No sheen Sewerage odor	7800	110	ND<25	44	ND<50	5600

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

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 range
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.
b TPH as gasoline value is the result of high concentrations of MTBE and high boiling point hydrocarbon mixture within the TPH as gasoline quantitation range
d TPH as gasoline value contains high concentration of MTBE and a typical gasoline pattern within the TPH as gasoline quantitation range
e TPH as gasoline reported value due to high concentrations of MTBE present in the TPH as gasoline

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
7/24/03		Methyl tert-butyl Ether	590
10/22/03		Methyl tert-butyl Ether	540
1/17/04		Methyl tert-butyl Ether	340
4/05/04		Methyl tert-butyl Ether	700
7/06/04		Methyl tert-butyl Ether	120
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

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
4/17/03	MW-2	Methyl-tert-butyl Ether	3100
7/24/03		Methyl tert-butyl Ether	1400
10/22/03		Methyl tert-butyl Ether	580
1/17/04		Methyl tert-butyl Ether tert-Butanol (TBA)	1800 250
4/05/04		Methyl tert-butyl Ether tert-Butanol (TBA)	500 260
7/06/04		Methyl tert-butyl Ether	220
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
2/22/01		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-tert-butyl Ether	38000
7/24/03		Methyl tert-butyl Ether	31000
10/22/03		Methyl tert-butyl Ether	29000
1/17/04		Methyl tert-butyl Ether	23000
4/05/04		Methyl tert-butyl Ether	22000
7/06/04		Methyl tert-butyl Ether	12000
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

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-4	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	89
		Benzene	3
		Toluene	2.8
		Ethylbenzene	1.1
		p,m-Xylenes	2
		o-Xylene	0.84
		Naphthalene	0.81
7/24/03		Methyl t-butyl Ether	71
		tert-Butanol (TBA)	11
10/22/03		Methyl tert-butyl Ether	81
1/17/04		Methyl tert-butyl Ether	65
4/05/04		Methyl tert-butyl Ether	38
7/06/04		Methyl tert-butyl Ether	79
5/24/00	MW-5	Benzene	180
		Ethylbenzene	140
		Isopopylbenzene	55
		Methyl tert-butyl Ether	200
		n-Butylbenzene	42
		n-Propylbenzene	200
		Naphthalene	120

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
8/24/00	MW-5	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
8/22/01		Benzene	150
		Methyl tert-butyl Ether	1700
		n-Propylbenzene	230
		Naphthalene	140
12/06/01		Methyl tert-butyl Ether	1900

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
3/25/02	MW-5	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 (TBA)	310
4/17/03		Methyl-t-butyl Ether	3500
		Benzene	110
		Ethylbenzene	61
		Isopropylbenzene	71
		n-Propylbenzene	270
		sec-Butylbenzene	21
		Naphthalene	140
7/24/03		Methyl t-butyl Ether	3300
		n-Propylbenzene	400
		tert-Butanol (TBA)	520
10/22/03		Methyl tert-butyl Ether	6100
1/17/04		Methyl tert-butyl Ether	4200
4/05/04		Benzene	100
		Methyl tert-butyl Ether	4800
7/06/04		Benzene	110
		Ethylbenzene	44
		Isopropylbenzene	81
		Methyl tert-butyl Ether	5600
		n-Propylbenzene	350

File No. 12-99-702-SI

A P P E N D I X "B"

FIGURES

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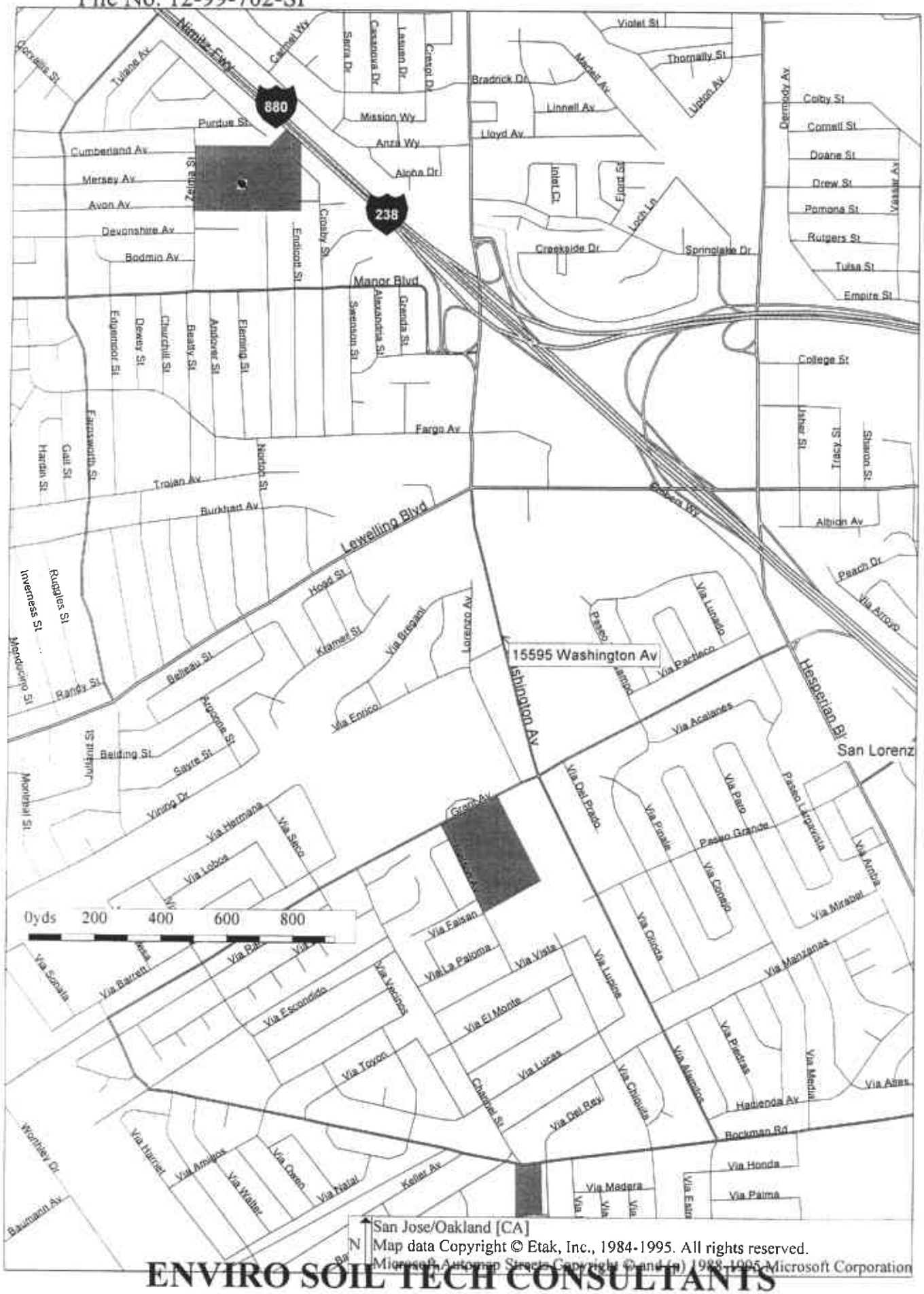
File No. 12-99-702-SI



ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1

File No. 12-99-702-SI

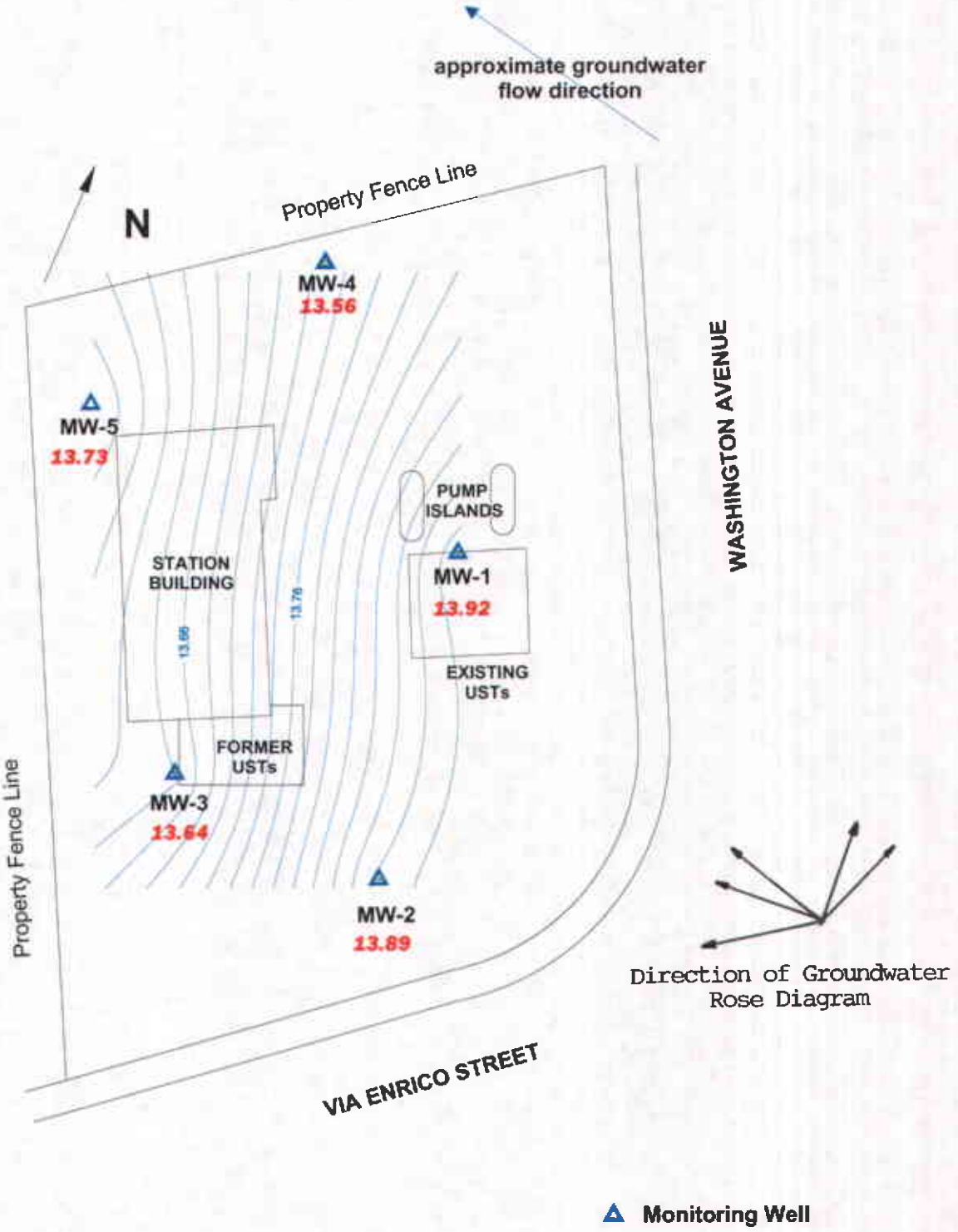


Figure 2: Groundwater elevation contour map.
July 6, 2004.

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M2

File No. 12-99-702-SI

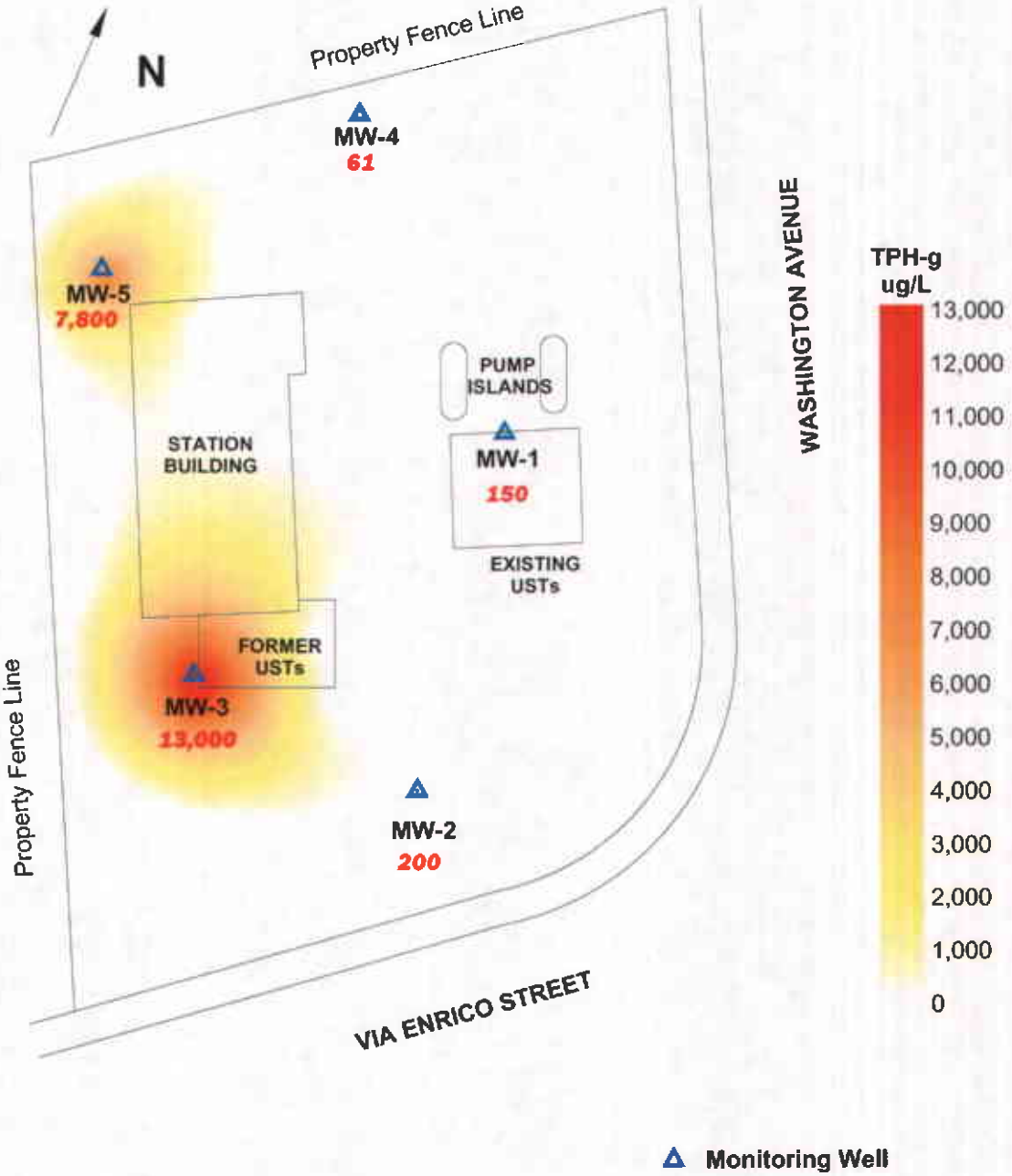

Figure 3: Contour map of TPH-g concentrations in the groundwater. July 6, 2004.

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M3

File No. 12-99-702-SI

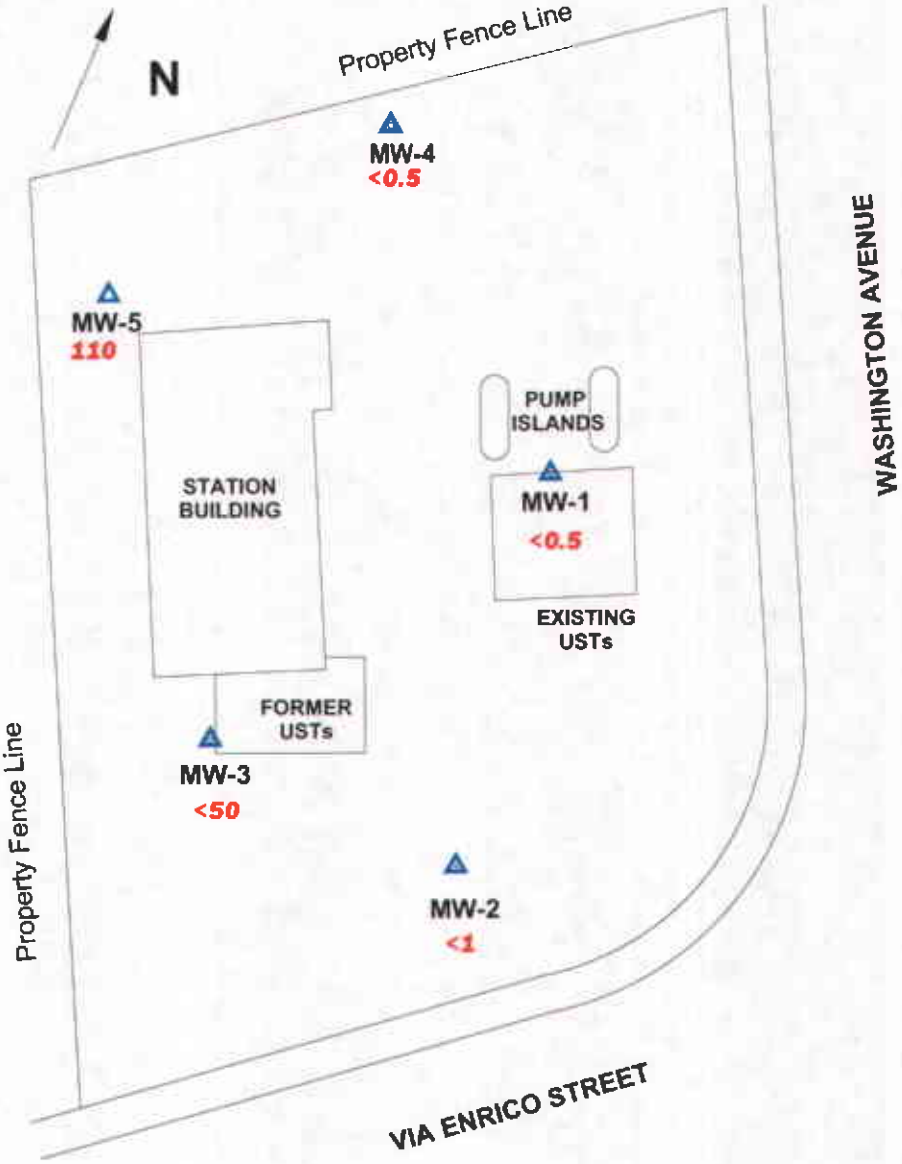

Figure 4: Map of Benzene concentrations in the groundwater.
July 6, 2004.

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M4

File No. 12-99-702-SI

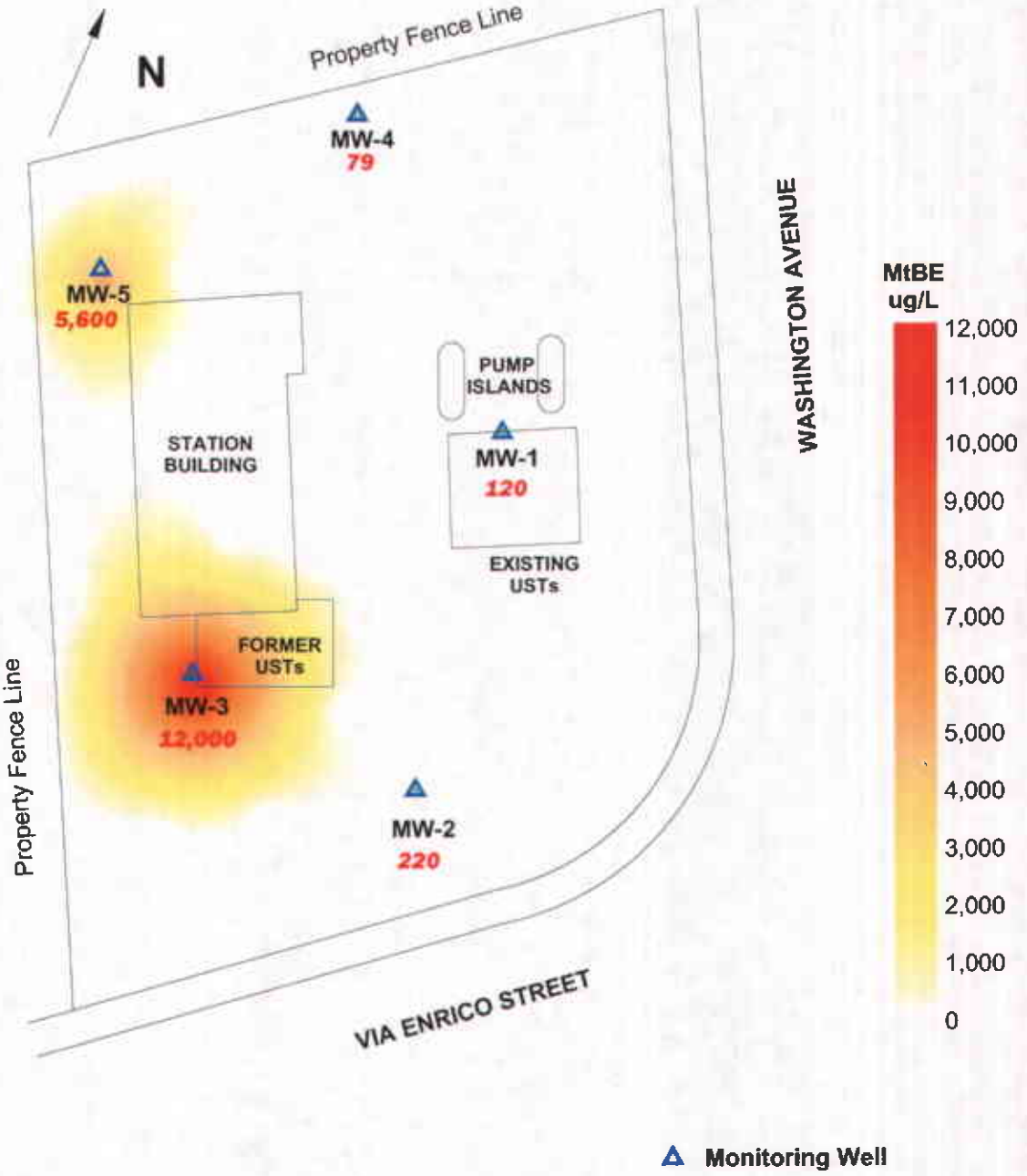

Figure 5: Contour map of MtBE concentrations in the groundwater. July 6, 2004.

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M5

File No. 12-99-702-SI

A P P E N D I X "C"

HYDROGRAPHS

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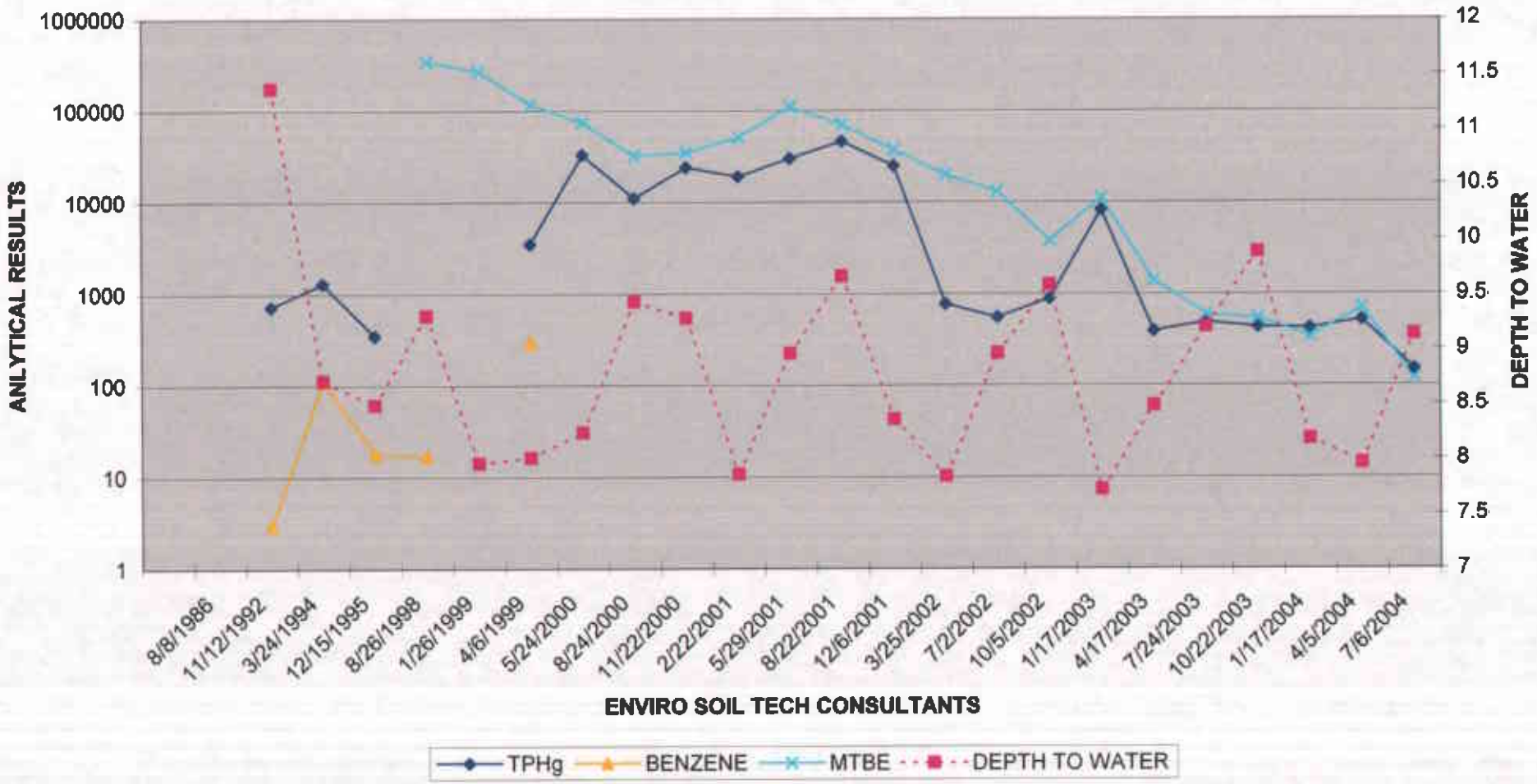
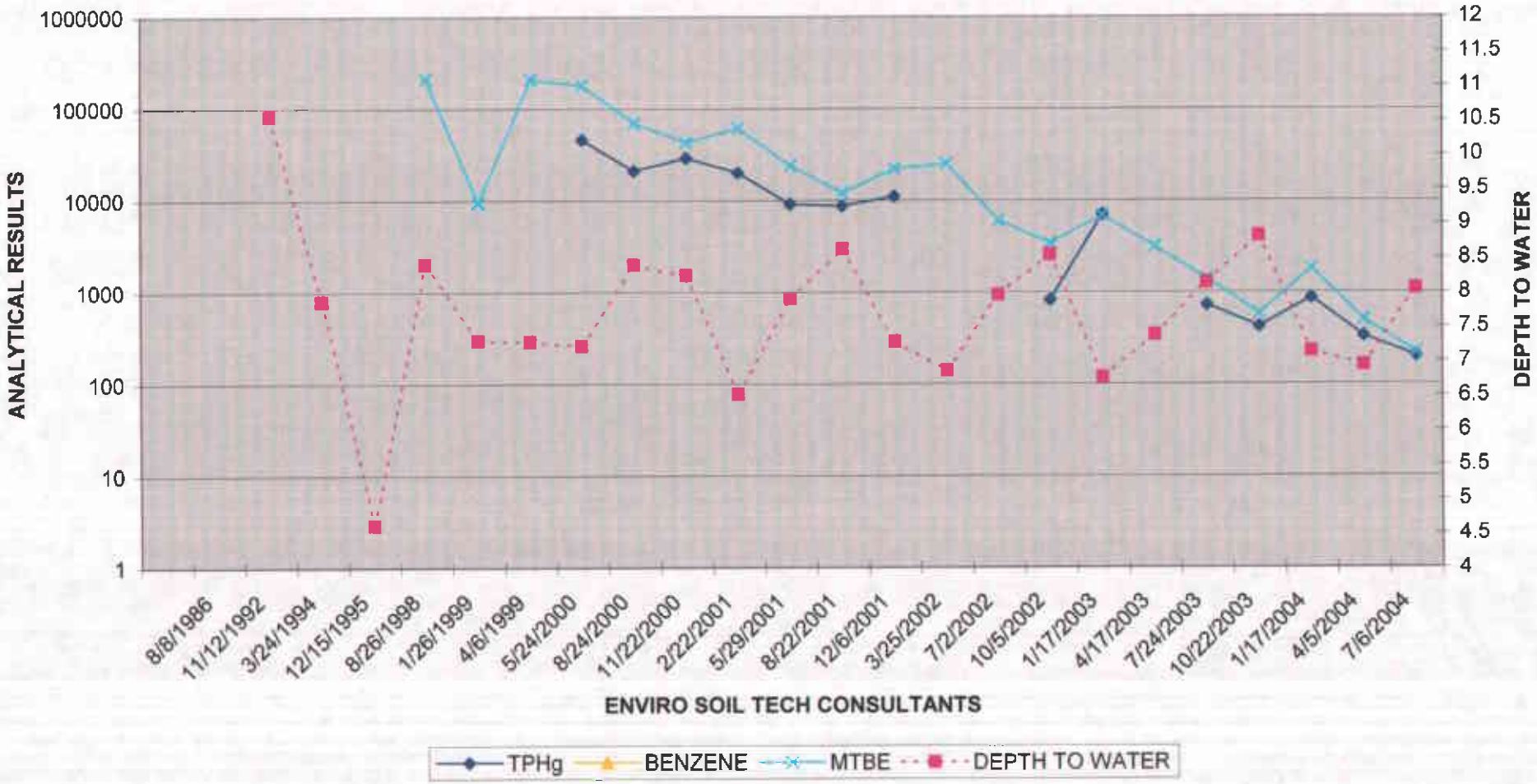
File No.: 12-99-702-SI

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



File No.: 12-99-702-SI

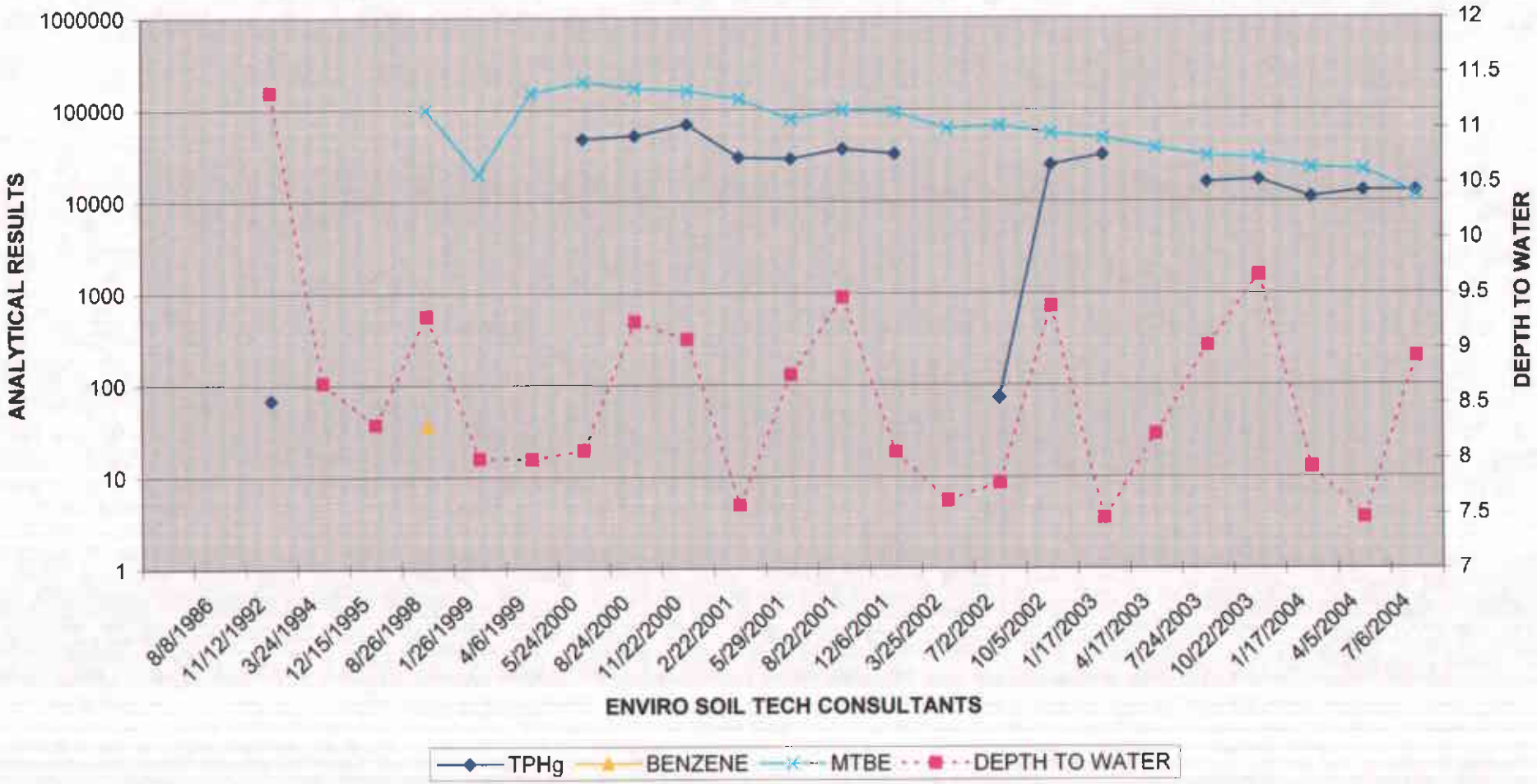
TPHg, BENZENE & MTBE RESULTS FOR MW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

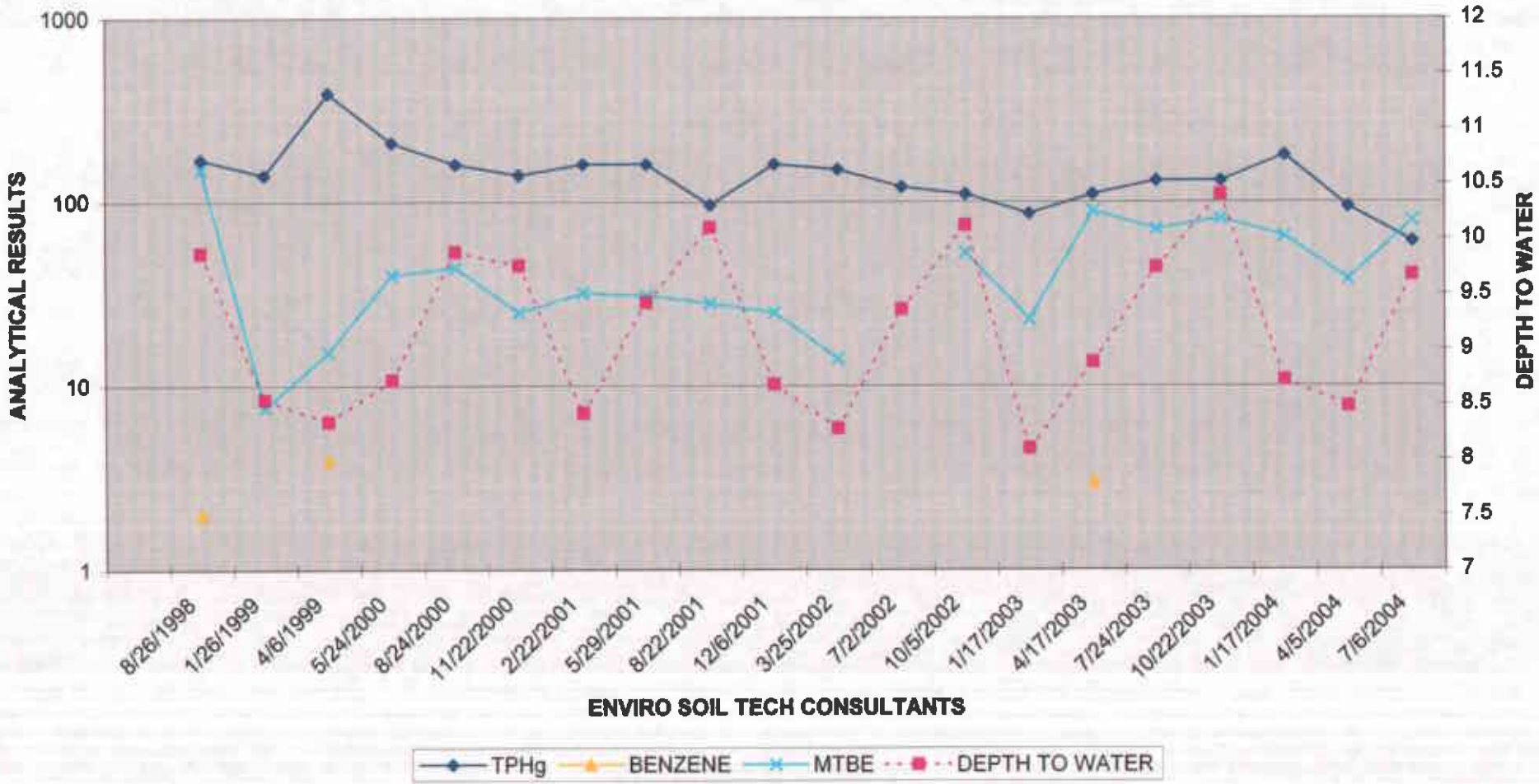
File No.: 12-99-702-SI

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



File No.: 12-99-702-SI

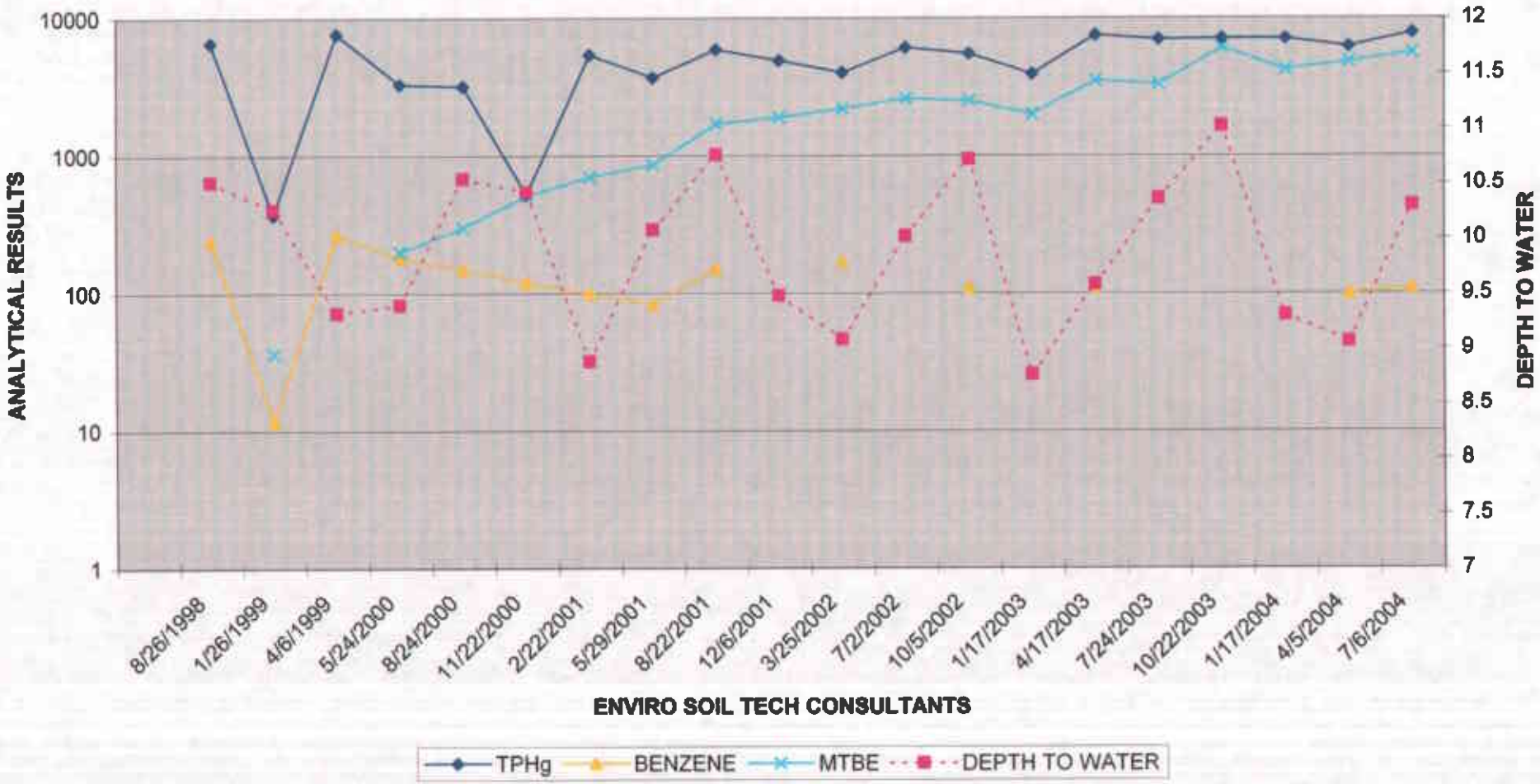
TPHg, BENZENE & MTBE RESULTS FOR MW-4 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



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)



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File No. 12-99-702-SI

A P P E N D I X "D"

STANDARD OPERATION PROCEDURE

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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"

LABORTORY REPORT

ENVIRO SOIL TECH CONSULTANTS

Entech Analytical Labs, Inc.

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

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

Certificate ID: 39580 - 7/20/2004 10:59:01 AM

Order:	39580	**Date Collected:**	7/6/2004
Project Name:	15595 Washington Ave	**Date Received:**	7/7/2004
Project Number:	12-99-702-SI	**P.O. Number:**	12-99-702-SI

Certificate of Analysis - Final Report

On July 07, 2004, samples were received under chain of custody for analysis. Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Method	Comments
Liquid	EDF Deliverables	EDF	
	EPA 8260B	EPA 8260B	
	TPH as Gasoline - GC/MS	GC-MS	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call me at 408-588-0200.

Sincerely,

Laurie Glantz-Murphy
Laboratory Director

Entech Analytical Labs, Inc.

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

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

Date: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-001 **Sample ID:** MW-1 **Matrix:** Liquid **Sample Date:** 7/6/2004 12:30 PM

Method: EPA 8260B / EPA 5030B / Soil direct purge & trap

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1,1-Trichloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1,2,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1,2-Trichloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1-Dichloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1-Dichloroethene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1-Dichloropropene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2,3-Trichloropropane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dibromoethane (EDB)	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dichlorobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dichloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dichloropropane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,3-Dichlorobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,3-Dichloropropane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,4-Dichlorobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,4-Dioxane	ND		1	50	50	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2,2-Dichloropropane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2-Butanone (MEK)	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2-Hexanone	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2-Chlorotoluene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
4-Chlorotoluene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Acetone	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Acetonitrile	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Acrolein	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Acrylonitrile	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Benzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Benzyl Chloride	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromochloromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromodichloromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromoform	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromomethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Carbon Disulfide	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Carbon Tetrachloride	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Chlorobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Chloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Chloroform	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Chloromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
cis-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A

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

Date: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-001 **Sample ID:** MW-1 **Matrix:** Liquid **Sample Date:** 7/6/2004 12:30 PM

cis-1,3-Dichloropropene	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Cyclohexanone	ND	1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Dibromochloromethane	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Dibromomethane	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Dichlorodifluoromethane	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Diisopropyl Ether	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Ethyl Benzene	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Freon 113	ND	1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Hexachlorobutadiene	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Iodomethane	ND	1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Isopropanol	ND	1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Isopropylbenzene	ND	1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Methylene Chloride	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Methyl-t-butyl Ether	120	1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Naphthalene	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
n-Butylbenzene	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
n-Propylbenzene	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Pentachloroethane	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
p-Isopropyltoluene	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
sec-Butylbenzene	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Styrene	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
tert-Amyl Methyl Ether	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
tert-Butanol (TBA)	ND	1	10	10	µg/L	N/A	N/A	07/12/2004	WMS5040712A
tert-Butyl Ethyl Ether	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
tert-Butylbenzene	ND	1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Tetrachloroethene	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Tetrahydrofuran	ND	1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Toluene	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
trans-1,2-Dichloroethene	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
trans-1,3-Dichloropropene	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
trans-1,4-Dichloro-2-butene	ND	1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Trichloroethene	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Trichlorofluoromethane	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Vinyl Chloride	ND	1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Xylenes, Total	ND	1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.8	64 - 125
Dibromofluoromethane	91.2	23 - 172
Toluene-d8	99.3	70 - 134

Analyzed by: Jhsiang - 07/12/2004
Reviewed by: MTU - 07/14/04

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Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-001 **Sample ID:** MW-1 **Matrix:** Liquid **Sample Date:** 7/6/2004 12:30 PM

Method: GC-MS

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	150		1	25	25	µg/L	N/A	N/A	07/12/2004	WMS5040712A

Comment: TPH as Gasoline reported value is a result of a high concentrations of MTBE present in the TPH as Gasoline quantitation range.

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.8	64 - 125
Dibromofluoromethane	91.2	23 - 172
Toluene-d8	99.3	70 - 134

Analyzed by: Jhsiang - 07/12/2004
Reviewed by: MTU - 07/14/04

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Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-002 **Sample ID:** MW-2 **Matrix:** Liquid **Sample Date:** 7/6/2004 1:27 PM

Method: EPA 8260B / EPA 5030B / Purge-and-trap

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1,1-Trichloroethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1,2,2-Tetrachloroethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1,2-Trichloroethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1-Dichloroethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1-Dichloroethene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1-Dichloropropene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2,3-Trichlorobenzene	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2,3-Trichloropropane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2,4-Trichlorobenzene	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2,4-Trimethylbenzene	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dibromo-3-Chloropropane	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dibromoethane (EDB)	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dichlorobenzene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dichloroethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dichloropropane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,3,5-Trimethylbenzene	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,3-Dichlorobenzene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,3-Dichloropropane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,4-Dichlorobenzene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,4-Dioxane	ND		2	50	100	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2,2-Dichloropropane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2-Butanone (MEK)	ND		2	20	40	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2-Hexanone	ND		2	20	40	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2-Chloroethyl-vinyl Ether	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2-Chlorotoluene	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
4-Chlorotoluene	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
4-Methyl-2-Pentanone(MIBK)	ND		2	20	40	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Acetone	ND		2	20	40	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Acetonitrile	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Acrolein	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Acrylonitrile	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Benzene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Benzyl Chloride	ND		2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromobenzene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromochloromethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromodichloromethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromoform	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromomethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Carbon Disulfide	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Carbon Tetrachloride	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Chlorobenzene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Chloroethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Chloroform	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Chloromethane	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
cis-1,2-Dichloroethene	ND		2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A

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Date: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-002 **Sample ID:** MW-2 **Matrix:** Liquid **Sample Date:** 7/6/2004 1:27 PM

cis-1,3-Dichloropropene	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Cyclohexanone	ND	2	20	40	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Dibromochloromethane	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Dibromomethane	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Dichlorodifluoromethane	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Diisopropyl Ether	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Ethyl Benzene	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Freon 113	ND	2	1	2	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Hexachlorobutadiene	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Iodomethane	ND	2	1	2	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Isopropanol	ND	2	20	40	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Isopropylbenzene	ND	2	1	2	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Methylene Chloride	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Methyl-t-butyl Ether	220	2	1	2	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Naphthalene	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
n-Butylbenzene	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
n-Propylbenzene	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Pentachloroethane	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
p-Isopropyltoluene	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
sec-Butylbenzene	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Styrene	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
tert-Amyl Methyl Ether	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
tert-Butanol (TBA)	ND	2	10	20	µg/L	N/A	N/A	07/13/2004	WMS5040713A
tert-Butyl Ethyl Ether	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
tert-Butylbenzene	ND	2	5	10	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Tetrachloroethene	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Tetrahydrofuran	ND	2	20	40	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Toluene	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
trans-1,2-Dichloroethene	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
trans-1,3-Dichloropropene	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
trans-1,4-Dichloro-2-butene	ND	2	1	2	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Trichloroethene	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Trichlorofluoromethane	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Vinyl Chloride	ND	2	0.5	1	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Xylenes, Total	ND	2	1	2	µg/L	N/A	N/A	07/13/2004	WMS5040713A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.1	64 - 125
Dibromofluoromethane	94.5	23 - 172
Toluene-d8	98.1	70 - 134

Analyzed by: Jhsiang - 07/13/2004
Reviewed by: MTU - 07/15/04

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Project Name: 15595 Washington Ave
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P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-002 **Sample ID:** MW-2 **Matrix:** Liquid **Sample Date:** 7/6/2004 1:27 PM

Method: GC-MS

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	200		2	25	50	µg/L	N/A	N/A	07/13/2004	WMS5040713A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.1	64 - 125
Dibromofluoromethane	94.5	23 - 172
Toluene-d8	98.1	70 - 134

Analyzed by: Jhsiang - 07/13/2004
Reviewed by: MTU - 07/15/04

*** TPH as Gasoline reported value due to high concentration of MTBE present in the TPH as Gaso

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Project Name: 15595 Washington Ave
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P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-003 **Sample ID:** MW-3 **Matrix:** Liquid **Sample Date:** 7/6/2004 2:32 PM

Method: EPA 8260B / EPA 5030B / Purge-and-trap

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,1,1-Trichloroethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,1,2,2-Tetrachloroethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,1,2-Trichloroethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,1-Dichloroethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,1-Dichloroethene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,1-Dichloropropene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2,3-Trichlorobenzene	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2,3-Trichloropropane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2,4-Trichlorobenzene	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2,4-Trimethylbenzene	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2-Dibromo-3-Chloropropane	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2-Dibromoethane (EDB)	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2-Dichlorobenzene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2-Dichloroethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,2-Dichloropropane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,3,5-Trimethylbenzene	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,3-Dichlorobenzene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,3-Dichloropropane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,4-Dichlorobenzene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
1,4-Dioxane	ND		100	50	5000	µg/L	N/A	N/A	07/15/2004	WMS5040715
2,2-Dichloropropane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
2-Butanone (MEK)	ND		100	20	2000	µg/L	N/A	N/A	07/15/2004	WMS5040715
2-Hexanone	ND		100	20	2000	µg/L	N/A	N/A	07/15/2004	WMS5040715
2-Chloroethyl-vinyl Ether	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
2-Chlorotoluene	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
4-Chlorotoluene	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
4-Methyl-2-Pentanone(MIBK)	ND		100	20	2000	µg/L	N/A	N/A	07/15/2004	WMS5040715
Acetone	ND		100	20	2000	µg/L	N/A	N/A	07/15/2004	WMS5040715
Acetonitrile	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Acrolein	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Acrylonitrile	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Benzene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Benzyl Chloride	ND		100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Bromobenzene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Bromochloromethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Bromodichloromethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Bromoform	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Bromomethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Carbon Disulfide	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Carbon Tetrachloride	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Chlorobenzene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Chloroethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Chloroform	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Chloromethane	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
cis-1,2-Dichloroethene	ND		100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715

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PQL = Practical Quantitation Limit (No Dilution)
PQLR = Practical Quantitation Limit for Reporting (Includes Dilution)

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

Date: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-003 **Sample ID:** MW-3 **Matrix:** Liquid **Sample Date:** 7/6/2004 2:32 PM

cis-1,3-Dichloropropene	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Cyclohexanone	ND	100	20	2000	µg/L	N/A	N/A	07/15/2004	WMS5040715
Dibromochloromethane	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Dibromomethane	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Dichlorodifluoromethane	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Diisopropyl Ether	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Ethyl Benzene	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Freon 113	ND	100	1	100	µg/L	N/A	N/A	07/15/2004	WMS5040715
Hexachlorobutadiene	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Iodomethane	ND	100	1	100	µg/L	N/A	N/A	07/15/2004	WMS5040715
Isopropanol	ND	100	20	2000	µg/L	N/A	N/A	07/15/2004	WMS5040715
Isopropylbenzene	ND	100	1	100	µg/L	N/A	N/A	07/15/2004	WMS5040715
Methylene Chloride	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Methyl-t-butyl Ether	12000	100	1	100	µg/L	N/A	N/A	07/15/2004	WMS5040715
Naphthalene	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
n-Butylbenzene	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
n-Propylbenzene	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Pentachloroethane	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
p-Isopropyltoluene	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
sec-Butylbenzene	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Styrene	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
tert-Amyl Methyl Ether	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
tert-Butanol (TBA)	ND	100	10	1000	µg/L	N/A	N/A	07/15/2004	WMS5040715
tert-Butyl Ethyl Ether	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
tert-Butylbenzene	ND	100	5	500	µg/L	N/A	N/A	07/15/2004	WMS5040715
Tetrachloroethene	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Tetrahydrofuran	ND	100	20	2000	µg/L	N/A	N/A	07/15/2004	WMS5040715
Toluene	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
trans-1,2-Dichloroethene	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
trans-1,3-Dichloropropene	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
trans-1,4-Dichloro-2-butene	ND	100	1	100	µg/L	N/A	N/A	07/15/2004	WMS5040715
Trichloroethene	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Trichlorofluoromethane	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Vinyl Chloride	ND	100	0.5	50	µg/L	N/A	N/A	07/15/2004	WMS5040715
Xylenes, Total	ND	100	1	100	µg/L	N/A	N/A	07/15/2004	WMS5040715

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	90.7	64 - 125
Dibromofluoromethane	87.8	23 - 172
Toluene-d8	100.8	70 - 134

Analyzed by: Jhsiang - 07/15/2004
Reviewed by: MTU - 07/16/04

ND = Not Detected at or above the PQL
PQL = Practical Quantitation Limit (No Dilution)
DF = Dilution Factor
PQLR = Practical Quantitation Limit for Reporting (Includes Dilution)

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Date: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-003 **Sample ID:** MW-3 **Matrix:** Liquid **Sample Date:** 7/6/2004 2:32 PM

Method: GC-MS

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	13000	x	100	25	2500	µg/L	N/A	N/A	07/15/2004	WMS5040715

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	90.7	64 - 125
Dibromofluoromethane	87.8	23 - 172
Toluene-d8	100.8	70 - 134

Analyzed by: Jhsiang - 07/15/2004
Reviewed by: MTU - 07/16/04

*** TPH as Gasoline reported value due to high concentration of MTBE present in the TPH as Gaso

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Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-004 **Sample ID:** MW-4 **Matrix:** Liquid **Sample Date:** 7/6/2004 11:28 AM

Method: EPA 8260B / EPA 5030B / Soil direct purge & trap

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1,1-Trichloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1,2,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1,2-Trichloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1-Dichloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1-Dichloroethene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,1-Dichloropropene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2,3-Trichloropropane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dibromoethane (EDB)	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dichlorobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dichloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,2-Dichloropropane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,3-Dichlorobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,3-Dichloropropane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,4-Dichlorobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
1,4-Dioxane	ND		1	50	50	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2,2-Dichloropropane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2-Butanone (MEK)	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2-Hexanone	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
2-Chlorotoluene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
4-Chlorotoluene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Acetone	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Acetonitrile	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Acrolein	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Acrylonitrile	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Benzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Benzyl Chloride	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromochloromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromodichloromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromoform	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Bromomethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Carbon Disulfide	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Carbon Tetrachloride	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Chlorobenzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Chloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Chloroform	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Chloromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
cis-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A

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Certified Analytical Report

Lab # : 39580-004 **Sample ID:** MW-4 **Matrix:** Liquid **Sample Date:** 7/6/2004 11:28 AM

cis-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Cyclohexanone	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Dibromochloromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Dibromomethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Dichlorodifluoromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Diisopropyl Ether	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Freon 113	ND		1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Hexachlorobutadiene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Iodomethane	ND		1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Isopropanol	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Isopropylbenzene	ND		1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Methylene Chloride	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Methyl-t-butyl Ether	79		1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Naphthalene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
n-Butylbenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
n-Propylbenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Pentachloroethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
p-Isopropyltoluene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
sec-Butylbenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Styrene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
tert-Butanol (TBA)	ND		1	10	10	µg/L	N/A	N/A	07/12/2004	WMS5040712A
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
tert-Butylbenzene	ND		1	5	5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Tetrachloroethene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Tetrahydrofuran	ND		1	20	20	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Toluene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
trans-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
trans-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
trans-1,4-Dichloro-2-butene	ND		1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Trichloroethene	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Trichlorofluoromethane	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Vinyl Chloride	ND		1	0.5	0.5	µg/L	N/A	N/A	07/12/2004	WMS5040712A
Xylenes, Total	ND		1	1	1	µg/L	N/A	N/A	07/12/2004	WMS5040712A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.3	64 - 125
Dibromofluoromethane	92.8	23 - 172
Toluene-d8	99.6	70 - 134

Analyzed by: Jhsiang - 07/12/2004
Reviewed by: MTU - 07/14/04

ND = Not Detected at or above the PQL
PQL = Practical Quantitation Limit (No Dilution)
DF = Dilution Factor
PQLR = Practical Quantitation Limit for Reporting (Includes Dilution)

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: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-004 **Sample ID:** MW-4 **Matrix:** Liquid **Sample Date:** 7/6/2004 11:28 AM

Method: GC-MS

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	61		1	25	25	µg/L	N/A	N/A	07/12/2004	WMS5040712A

Comment: TPH as Gasoline reported value is a result of a high concentrations of MTBE present in the TPH as Gasoline quantitation range.

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.3	64 - 125
Dibromofluoromethane	92.8	23 - 172
Toluene-d8	99.6	70 - 134

Analyzed by: Jhsiang - 07/12/2004
Reviewed by: MTU - 07/14/04

ND = Not Detected at or above the PQL
PQL = Practical Quantitation Limit (No Dilution)
DF = Dilution Factor
PQLR = Practical Quantitation Limit for Reporting (Includes Dilution)

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Date: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-005 **Sample ID:** MW-5 **Matrix:** Liquid **Sample Date:** 7/6/2004 10:10 AM

Method: EPA 8260B / EPA 5030B / Purge-and-trap

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1,1-Trichloroethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1,2,2-Tetrachloroethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1,2-Trichloroethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1-Dichloroethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1-Dichloroethene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,1-Dichloropropene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2,3-Trichlorobenzene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2,3-Trichloropropane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2,4-Trichlorobenzene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2,4-Trimethylbenzene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dibromo-3-Chloropropane	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dibromoethane (EDB)	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dichlorobenzene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dichloroethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,2-Dichloropropane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,3,5-Trimethylbenzene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,3-Dichlorobenzene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,3-Dichloropropane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,4-Dichlorobenzene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
1,4-Dioxane	ND		50	50	2500	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2,2-Dichloropropane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2-Butanone (MEK)	ND		50	20	1000	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2-Hexanone	ND		50	20	1000	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2-Chloroethyl-vinyl Ether	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
2-Chlorotoluene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
4-Chlorotoluene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
4-Methyl-2-Pentanone(MIBK)	ND		50	20	1000	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Acetone	ND		50	20	1000	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Acetonitrile	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Acrolein	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Acrylonitrile	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Benzene	110		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Benzyl Chloride	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromobenzene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromochloromethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromodichloromethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromoform	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Bromomethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Carbon Disulfide	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Carbon Tetrachloride	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Chlorobenzene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Chloroethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Chloroform	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Chloromethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
cis-1,2-Dichloroethene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A

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Date: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-005 **Sample ID:** MW-5 **Matrix:** Liquid **Sample Date:** 7/6/2004 10:10 AM

cis-1,3-Dichloropropene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Cyclohexanone	ND		50	20	1000	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Dibromochloromethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Dibromomethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Dichlorodifluoromethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Diisopropyl Ether	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Ethyl Benzene	44		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Freon 113	ND		50	1	50	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Hexachlorobutadiene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Iodomethane	ND		50	1	50	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Isopropanol	ND		50	20	1000	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Isopropylbenzene	81		50	1	50	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Methylene Chloride	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Methyl-t-butyl Ether	5600		50	1	50	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Naphthalene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
n-Butylbenzene	ND	J	50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
n-Propylbenzene	350		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Pentachloroethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
p-Isopropyltoluene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
sec-Butylbenzene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Styrene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
tert-Amyl Methyl Ether	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
tert-Butanol (TBA)	ND		50	10	500	µg/L	N/A	N/A	07/13/2004	WMS5040713A
tert-Butyl Ethyl Ether	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
tert-Butylbenzene	ND		50	5	250	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Tetrachloroethene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Tetrahydrofuran	ND		50	20	1000	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Toluene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
trans-1,2-Dichloroethene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
trans-1,3-Dichloropropene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
trans-1,4-Dichloro-2-butene	ND		50	1	50	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Trichloroethene	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Trichlorofluoromethane	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Vinyl Chloride	ND		50	0.5	25	µg/L	N/A	N/A	07/13/2004	WMS5040713A
Xylenes, Total	ND		50	1	50	µg/L	N/A	N/A	07/13/2004	WMS5040713A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.5	64 - 125
Dibromofluoromethane	100.0	23 - 172
Toluene-d8	100.4	70 - 134

Analyzed by: Jhsiang - 07/13/2004
Reviewed by: MTU - 07/15/04

ND = Not Detected at or above the PQL
PQL = Practical Quantitation Limit (No Dilution)
DF = Dilution Factor
PQLR = Practical Quantitation Limit for Reporting (Includes Dilution)

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Date: 7/20/2004
Date Received: 7/7/2004
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Client

Certified Analytical Report

Lab # : 39580-005 **Sample ID:** MW-5 **Matrix:** Liquid **Sample Date:** 7/6/2004 10:10 AM

Method: GC-MS

Parameter	Result	Flag	DF	PQL	PQLR	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	7800		50	25	1250	µg/L	N/A	N/A	07/13/2004	WMS5040713A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.5	64 - 125
Dibromofluoromethane	100.0	23 - 172
Toluene-d8	100.4	70 - 134

Analyzed by: Jhsiang - 07/13/2004
Reviewed by: MTU - 07/15/04

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PQL = Practical Quantitation Limit (No Dilution)
DF = Dilution Factor
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Quality Control - Method Blank

Validated by: MTU - 07/14/04

QC Batch ID: WMS5040712A
Matrix: Liquid
Date of Analysis: 7/12/2004

Method: EPA 8260B

Parameter	Result	DF	PQL	PQLR	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	5	5	µg/L
Acrylonitrile	ND	1	5	5	µg/L
Benzene	ND	1	0.5	0.5	µg/L
Benzyl Chloride	ND	1	5	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
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

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Quality Control - Method Blank

Validated by: MTU - 07/14/04

QC Batch ID: WMS5040712A
Matrix: Liquid
Date of Analysis: 7/12/2004

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	5	5	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	0.5	0.5	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 Acetate	ND	1	5	5	µg/L
Vinyl Chloride	ND	1	0.5	0.5	µg/L
Xylene, m+p	ND	1	1	1	µg/L
Xylene, o	ND	1	0.5	0.5	µg/L
Xylenes, Total	ND	1	1	1	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**95.2**	64 - 125
Dibromofluoromethane	**93.6**	23 - 172
Toluene-d8	**98.9**	70 - 134

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Quality Control - Method Blank

Validated by: MTU - 07/14/04

QC Batch ID: WMS5040712A
Matrix: Liquid
Date of Analysis: 7/12/2004

Method: GC-MS

Parameter	Result	DF	PQL	PQLR	Units
TPH as Gasoline	ND	1	25	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	95.2	64 - 125
Dibromofluoromethane	93.6	23 - 172
Toluene-d8	98.9	70 - 134

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Quality Control - Laboratory Control Spike / Duplicate Results

Reviewed by: MTU - 07/14/04

QC Batch ID: WMS5040712A Analysis Date: 7/12/2004

Method EPA 8260B — **Liquid** — **Conc. Units: µg/L**

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.5	20.0	20.3	LCS	7/12/2004	**101.5**			60 - 132
Benzene	<0.5	20.0	20.	LCS	7/12/2004	**100.0**			77 - 154
Chlorobenzene	<0.5	20.0	20.9	LCS	7/12/2004	**104.5**			66 - 141
Methyl-t-butyl Ether	<1	20.0	22.2	LCS	7/12/2004	**111.0**			58 - 127
Toluene	<0.5	20.0	21.2	LCS	7/12/2004	**106.0**			47 - 137
Trichloroethene	<0.5	20.0	23.	LCS	7/12/2004	**115.0**			57 - 159

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**105.2**	64 - 125
Dibromofluoromethane	**92.0**	23 - 172
Toluene-d8	**100.3**	70 - 134

1,1-Dichloroethene	<0.5	20.0	18.7	LCSD	7/12/2004	**93.5**	**8.2**	25	60 - 132
Benzene	<0.5	20.0	19.6	LCSD	7/12/2004	**98.0**	**2.0**	25	77 - 154
Chlorobenzene	<0.5	20.0	20.6	LCSD	7/12/2004	**103.0**	**1.4**	25	66 - 141
Methyl-t-butyl Ether	<1	20.0	21.3	LCSD	7/12/2004	**106.5**	**4.1**	25	58 - 127
Toluene	<0.5	20.0	20.7	LCSD	7/12/2004	**103.5**	**2.4**	25	47 - 137
Trichloroethene	<0.5	20.0	22.5	LCSD	7/12/2004	**112.5**	**2.2**	25	57 - 159

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**110.5**	64 - 125
Dibromofluoromethane	**93.6**	23 - 172
Toluene-d8	**100.7**	70 - 134

Method GC-MS — **Liquid** — **Conc. Units: µg/L**

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125.0	134.5	LCS	7/12/2004	**107.6**			65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**99.2**	64 - 125
Dibromofluoromethane	**90.7**	23 - 172
Toluene-d8	**101.4**	70 - 134

TPH as Gasoline	<25	125.0	148.8	LCSD	7/12/2004	**119.0**	**10.1**	25	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**97.4**	64 - 125
Dibromofluoromethane	**90.6**	23 - 172
Toluene-d8	**100.6**	70 - 134

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Quality Control - Method Blank

Validated by: MTU - 07/15/04

QC Batch ID: WMS5040713A
Matrix: Liquid
Date of Analysis: 7/13/2004

Method: EPA 8260B

Parameter	Result	DF	PQL	PQLR	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	5	5	µg/L
Acrylonitrile	ND	1	5	5	µg/L
Benzene	ND	1	0.5	0.5	µg/L
Benzyl Chloride	ND	1	5	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
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

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Quality Control - Method Blank

Validated by: MTU - 07/15/04

QC Batch ID: WMS5040713A
Matrix: Liquid
Date of Analysis: 7/13/2004

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	5	5	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	0.5	0.5	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 Acetate	ND	1	5	5	µg/L
Vinyl Chloride	ND	1	0.5	0.5	µg/L
Xylene, m+p	ND	1	1	1	µg/L
Xylene, o	ND	1	0.5	0.5	µg/L
Xylenes, Total	ND	1	1	1	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**96.6**	64 - 125
Dibromofluoromethane	**90.3**	23 - 172
Toluene-d8	**102.2**	70 - 134

Batch Narrative for WMS5040713A: The % recovery for the MSD for TCE is outside of laboratory control but within % RPD limits. No corrective action required.

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Quality Control - Method Blank

Validated by: MTU - 07/15/04

QC Batch ID: WMS5040713A
Matrix: Liquid
Date of Analysis: 7/13/2004

Method: GC-MS

Parameter	Result	DF	PQL	PQLR	Units
TPH as Gasoline	ND	1	25	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**96.6**	64 - 125
Dibromofluoromethane	**90.3**	23 - 172
Toluene-d8	**102.2**	70 - 134

Batch Narrative for WMS5040713A: The % recovery for the MSD for TCE is outside of laboratory control but within % RPD limits. No corrective action required.

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

Reviewed by: MTU - 07/15/04
Approved by: LGLANTZ - 07/15/04

QC Batch ID: WMS5040713A Analysis Date: 7/13/2004

Method EPA 8260B — **Liquid** — **Conc. Units: µg/L**

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.5	20.0	21.8	LCS	7/13/2004	**109.0**			60 - 132
Benzene	<0.5	20.0	21.5	LCS	7/13/2004	**107.5**			77 - 154
Chlorobenzene	<0.5	20.0	22.1	LCS	7/13/2004	**110.5**			66 - 141
Methyl-t-butyl Ether	<1	20.0	23.1	LCS	7/13/2004	**115.5**			58 - 127
Toluene	<0.5	20.0	22.	LCS	7/13/2004	**110.0**			47 - 137
Trichloroethene	<0.5	20.0	25.4	LCS	7/13/2004	**127.0**			57 - 159

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**102.1**	64 - 125
Dibromofluoromethane	**94.7**	23 - 172
Toluene-d8	**96.4**	70 - 134

1,1-Dichloroethene	<0.5	20.0	20.4	LCSD	7/13/2004	**102.0**	**6.6**	25	60 - 132
Benzene	<0.5	20.0	20.	LCSD	7/13/2004	**100.0**	**7.2**	25	77 - 154
Chlorobenzene	<0.5	20.0	21.4	LCSD	7/13/2004	**107.0**	**3.2**	25	66 - 141
Methyl-t-butyl Ether	<1	20.0	21.6	LCSD	7/13/2004	**108.0**	**6.7**	25	58 - 127
Toluene	<0.5	20.0	21.4	LCSD	7/13/2004	**107.0**	**2.8**	25	47 - 137
Trichloroethene	<0.5	20.0	23.8	LCSD	7/13/2004	**119.0**	**6.5**	25	57 - 159

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**103.8**	64 - 125
Dibromofluoromethane	**89.1**	23 - 172
Toluene-d8	**100.0**	70 - 134

Method GC-MS — **Liquid** — **Conc. Units: µg/L**

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125.0	157.8	LCS	7/13/2004	**126.2**			65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**99.5**	64 - 125
Dibromofluoromethane	**91.2**	23 - 172
Toluene-d8	**101.0**	70 - 134

TPH as Gasoline	<25	125.0	141.4	LCSD	7/13/2004	**113.1**	**11.0**	25	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**98.4**	64 - 125
Dibromofluoromethane	**91.9**	23 - 172
Toluene-d8	**100.7**	70 - 134

Entech Analytical Labs, Inc.

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Quality Control - Matrix Spike / Duplicate Results

Reviewed by: MTU - 07/15/04
Approved by: LGLANTZ - 07/15/04

QC Batch ID: WMS5040713A
Date of Analysis: 7/13/2004

Method EPA 8260B Liquid Conc. Units: µg/L

Parameter	Sample Result	Spike Amount	Spike Result	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
MS SampleNumber: 39581-003									
1,1-Dichloroethene	ND	20.0	19.71	MS	7/13/2004	**98.6**			59 - 133
Benzene	ND	20.0	20.75	MS	7/13/2004	**103.8**			73 - 134
Chlorobenzene	ND	20.0	20.79	MS	7/13/2004	**103.9**			86 - 121
Methyl-t-butyl Ether	2.47	20.0	22.73	MS	7/13/2004	**101.3**			42 - 157
Toluene	ND	20.0	21.07	MS	7/13/2004	**105.3**			79 - 117
Trichloroethene	ND	20.0	23.57	MS	7/13/2004	**117.8**			71 - 119

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**97.4**	64 - 125
Dibromofluoromethane	**90.3**	23 - 172
Toluene-d8	**97.0**	70 - 134

MSD SampleNumber: 39581-003									
1,1-Dichloroethene	ND	20.0	20.9	MSD	7/13/2004	**104.5**	**5.9**	25	59 - 133
Benzene	ND	20.0	21.01	MSD	7/13/2004	**105.1**	**1.2**	25	73 - 134
Chlorobenzene	ND	20.0	21.9	MSD	7/13/2004	**109.5**	**5.2**	25	86 - 121
Methyl-t-butyl Ether	2.47	20.0	24.25	MSD	7/13/2004	**108.9**	**6.5**	25	42 - 157
Toluene	ND	20.0	22.0	MSD	7/13/2004	**110.0**	**4.3**	25	79 - 117
Trichloroethene	ND	20.0	24.0	MSD	7/13/2004	**120.0*** **	**1.8**	25	71 - 119

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**102.2**	64 - 125
Dibromofluoromethane	**94.2**	23 - 172
Toluene-d8	**99.5**	70 - 134

Entech Analytical Labs, Inc.

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

Quality Control - Method Blank

Validated by: MTU - 07/16/04

QC Batch ID: WMS5040715
Matrix: Liquid
Date of Analysis: 7/15/2004

Method: EPA 8260B

Parameter	Result	DF	PQL	PQLR	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	5	5	µg/L
Acrylonitrile	ND	1	5	5	µg/L
Benzene	ND	1	0.5	0.5	µg/L
Benzyl Chloride	ND	1	5	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
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

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Quality Control - Method Blank

Validated by: MTU - 07/16/04

QC Batch ID: WMS5040715
Matrix: Liquid
Date of Analysis: 7/15/2004

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	5	5	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	0.5	0.5	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 Acetate	ND	1	5	5	µg/L
Vinyl Chloride	ND	1	0.5	0.5	µg/L
Xylene, m+p	ND	1	1	1	µg/L
Xylene, o	ND	1	0.5	0.5	µg/L
Xylenes, Total	ND	1	1	1	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**90.4**	64 - 125
Dibromofluoromethane	**80.6**	23 - 172
Toluene-d8	**100.7**	70 - 134

Entech Analytical Labs, Inc.

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

Quality Control - Method Blank

Validated by: MTU - 07/16/04

QC Batch ID: WMS5040715
Matrix: Liquid
Date of Analysis: 7/15/2004

Method: GC-MS

Parameter	Result	DF	PQL	PQLR	Units
TPH as Gasoline	ND	1	25	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**90.4**	64 - 125
Dibromofluoromethane	**80.6**	23 - 172
Toluene-d8	**100.7**	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

Reviewed by: MTU - 07/16/04

QC Batch ID: WMS5040715 Analysis Date: 7/15/2004

Method EPA 8260B — **Liquid** — **Conc. Units: µg/L**

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.5	20.0	23.17	LCS	7/15/2004	**115.9**			60 - 132
Benzene	<0.5	20.0	21.8	LCS	7/15/2004	**109.0**			77 - 154
Chlorobenzene	<0.5	20.0	21.73	LCS	7/15/2004	**108.7**			66 - 141
Methyl-t-butyl Ether	<1	20.0	19.77	LCS	7/15/2004	**98.8**			58 - 127
Toluene	<0.5	20.0	22.34	LCS	7/15/2004	**111.7**			47 - 137
Trichloroethene	<0.5	20.0	24.59	LCS	7/15/2004	**123.0**			57 - 159

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**97.8**	64 - 125
Dibromofluoromethane	**86.7**	23 - 172
Toluene-d8	**100.0**	70 - 134

1,1-Dichloroethene	<0.5	20.0	21.44	LCSD	7/15/2004	**107.2**	**7.8**	25	60 - 132
Benzene	<0.5	20.0	20.5	LCSD	7/15/2004	**102.5**	**6.1**	25	77 - 154
Chlorobenzene	<0.5	20.0	20.07	LCSD	7/15/2004	**100.3**	**7.9**	25	66 - 141
Methyl-t-butyl Ether	<1	20.0	19.98	LCSD	7/15/2004	**99.9**	**1.1**	25	58 - 127
Toluene	<0.5	20.0	20.61	LCSD	7/15/2004	**103.1**	**8.1**	25	47 - 137
Trichloroethene	<0.5	20.0	23.44	LCSD	7/15/2004	**117.2**	**4.8**	25	57 - 159

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**91.8**	64 - 125
Dibromofluoromethane	**107.5**	23 - 172
Toluene-d8	**95.8**	70 - 134

Method GC-MS — **Liquid** — **Conc. Units: µg/L**

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125.0	139.7	LCS	7/15/2004	**111.8**			65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**96.0**	64 - 125
Dibromofluoromethane	**77.1**	23 - 172
Toluene-d8	**101.3**	70 - 134

TPH as Gasoline	<25	125.0	147.	LCSD	7/15/2004	**117.6**	**5.1**	25	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**75.0**	64 - 125
Dibromofluoromethane	**93.9**	23 - 172
Toluene-d8	**100.1**	70 - 134

CHAIN OF CUSTODY RECORD

PROJ. NO.	NAME
12-99-702-SL	15595 Washington Ave, San Lorenzo

SAMPLERS: *(Signature)* Richard Mendez

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2) TPHg by GC/MS EDF 8260B				REMARKS
1	7/06/04	12:30		✓	MW-1	6	✓	✓	31580	001	our Global EDF
2	"	13:27		✓	MW-2	6	✓	✓		002	number is T0600101013
3	"	14:32		✓	MW-3	6	✓	✓		003	
4	"	11:28		✓	MW-4	6	✓	✓		004	
5	↓	10:10		✓	MW-5	6	✓	✓		005	

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Richard Mendez	7/7/04 1548				
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
	7/7/04 1645				
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)*	Date / Time	Remarks	
				Please send lab report to Frank Mendez	

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

File No. 12-99-702-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.: 12-99-702-ST

DATE: 7/06/04

DEPTH TO WELL: _____

DEPTH TO WATER: 9ft 13

HEIGHT OF WATER COLUMN: _____

WELL NO.: MW-1

SAMPLER: Richard Munch

1 WELL VOLUME: 0.95

5 WELL VOLUME: 4.75

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" x 0.1632 5.87

4" x 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: N NO _____ YES, DESCRIBE: _____

ODOR: _____ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	Ph	TEMP.	E.C.
	3 gal	7.78	22.3	556
	6 gal	7.62	21.8	546
	9 gal	7.58	21.6	557

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

FILE NO.: 12-99-702-ST

DATE: 7/06/04

DEPTH TO WELL: _____

DEPTH TO WATER: 8ft 05

HEIGHT OF WATER COLUMN: _____

WELL NO.: MW-2

SAMPLER: Richard Prunty

1 WELL VOLUME: 1,13

5 WELL VOLUME: 5.65

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" x 0.1632 6.95

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.
	3 gals	7.94	22.9	518
	6 gals	7.83	22.7	517
	9 gals	7.87	22.4	516

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

FILE NO.: 12-99-702-SI

WELL NO.: MW-3

DATE: 7/06/04

SAMPLER: Michael Murphy

DEPTH TO WELL: _____

1 WELL VOLUME: 1.15

DEPTH TO WATER: 8ft 92

5 WELL VOLUME: 5.75

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" x 0.1632 7.08

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.
_____	3 gal	7.72	21.6	622
_____	6 gal	7.57	21.2	669
_____	9 gal	7.63	21.0	659
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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

FILE NO.: 12-99-702-ST

WELL NO.: MW-4

DATE: 7/26/04

SAMPLER: Richard Manly

DEPTH TO WELL: _____

1 WELL VOLUME: 1.52

DEPTH TO WATER: 9ft 67

5 WELL VOLUME: 7.60

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" x 0.1632 9.33

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.
	3 gal	7.91	21.2	6.86
	6 gal	7.69	21.4	691
	9 gal	7.60	21.2	695

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

FILE NO.: 12-99-702-ST

DATE: 7/06/04

DEPTH TO WELL: _____

DEPTH TO WATER: 10ft 30

HEIGHT OF WATER COLUMN: _____

WELL NO.: MW-5

SAMPLER: Rishad Mandy

1 WELL VOLUME: 1.41

5 WELL VOLUME: 7.05

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" x 0.1632 8.70

4" x 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: _____ NO ✓ YES, DESCRIBE: SEWAGE

FIELD MEASUREMENTS

TIME	VOLUME	Ph	TEMP.	E.C.
	3 gal	7.65	19.7	736
	6 gal	7.60	19.5	726
	9 gal	7.50	19.6	725