File No. 12-99-702-SI

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

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

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

ENVIRO SOIL TECH CONSULTANTS

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ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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October 20, 2004

File No. 12-99-702-SI

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

SUBJECT: THIRD 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 September 27, 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.

PURPOSE:

The purpose of quarterly groundwater monitoring and sampling investigation was to define the direction of groundwater flow, water quality 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 September 27, 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 8.38 feet (well MW-2) to 10.92 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 September 27, 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 54 micrograms per liter (µg/L) (MW-2) to the maximum of 6100 µg/L (MW-5), Benzene ranging from non-detectable (well MW-2) to maximum of 83 µg/L (MW-5), Toluene ranging from non-detectable (MW-2, MW-3 and MW-5) to maximum of 1.2 µg/L (MW-1). Ethylbenzene ranging from non-detectable (MW-2, MW-3 and MW-5), Total Xylenes ranging from non-detectable (MW-2, MW-3 and MW-5) to maximum of 4.3 µg/L, and MTBE ranging from 57 µg/L (MW-4) to maximum of 6800 µg/L (MW-3). All five monitoring wells detected other hydrocarbons fuel oxygenated constituents below laboratory detection 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. Four out of five monitoring wells detected Benzene in the water samples, and two out of five wells detected TEX in the water samples. All five monitoring wells detected other hydrocarbons fuel oxygenated constituents were below laboratory detection limit 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.

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

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD
GENERAL MANAGER

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

File No. 12-99-702-SI

A P P E N D I X "A"

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 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
9/27/04				9.46*	13.59	No sheen or odor	110	5.3	1.2	2	4.3	47
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
9/27/04				8.38*	13.11	No sheen or odor	54e	1.1	ND<0.5	ND<0.5	ND<1	72
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

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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
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	17000**c**	ND <2500	ND <2500	ND <2500	ND <2500	29000
1/17/04				7.92*	14.64	No sheen or odor	11000**d**	ND <2000	ND <2000	ND <2000	ND <2000	23000
4/05/04				7.46*	15.10	No sheen or odor	13000**n**	ND<200	ND<200	ND<200	ND<400	22000
7/06/04				8.92*	13.64	No sheen or odor	13000**e**	ND<50	ND<50	ND<50	ND<100	12000
9/27/04				9.24*	13.32	No sheen or odor	4200**e**	ND<50	ND<50	ND<50	ND<100	6800
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

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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
3/25/02	MW-4 (23.40) Resurveyed	19	N/A	8.28	15.12	No sheen or odor	150	ND<5	ND<5	ND<5	ND<5	14
7/02/02				9.36	14.04	No sheen or odor	120	ND<5	ND<5	ND<5	ND<5	ND<5
10/05/02				10.12	13.28	No sheen or odor	110	ND<5	ND<5	ND<5	ND<5	53
1/17/03				8.10	15.30	No sheen or odor	86c	ND<5	ND<5	ND<5	ND<5	23
4/17/03				8.88	14.52	No sheen or odor	110	3	2.8	1.1	2.84	89
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
9/27/04				10.02	13.38	No sheen or odor	230	3.8	0.8	1.3	2.3	57
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

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
8/22/01	MW-5 (23.86)	19	N/A	10.76	13.10	Light rainbow sheen No odor	5900	150	ND<10	ND<10	ND<10	1700
12/06/01				9.48	14.38	Rainbow sheen Light petroleum odor	4900	ND<50	ND<50	ND<50	ND<50	1900
3/25/02	23.86 Resurveyed			9.08	14.78	No sheen or odor	4000	170	ND<83	ND<83	ND<83	2200
7/02/02				10.02	13.84	No sheen or odor	6100	ND<130	ND<130	ND<130	ND<130	2600
10/05/02				10.72	13.14	No sheen or odor	5500	110	ND<100	ND<100	ND<100	2500
1/17/03				8.76	15.10	No sheen or odor	3900[n]	ND<100	ND<100	ND<100	ND<100	2000
4/17/03				9.58	14.28	No sheen or odor	7500	110	ND<10	61	ND<10	3500
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
9/27/04				10.92	12.94	No sheen Sewerage odor	6100e	83	ND<50	ND<50	ND<100	4000

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
9/27/04		Benzene Ethylbenzene Methyl tert-butyl Ether Toluene Xylenes, Total	5.3 2 47 1.2 4.3
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

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-2	Methyl tert-butyl Ether	25000
7/02/02		Methyl tert-butyl Ether	6000
10/05/02		Methyl tert-butyl Ether	3400
1/17/03		Methyl tert-butyl Ether tert-Butanol	6800 1100
4/17/03		Methyl-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
9/27/04		Benzene Methyl tert-butyl Ether	1.1 72
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

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
9/27/04	MW-3	Methyl tert-butyl Ether	6800
5/24/00	MW-4	Methyl tert-butyl Ether	40
8/24/00		Methyl tert-butyl Ether	44
		Toluene	7.4
11/22/00		Methyl tert-butyl Ether	25
2/22/01		Methyl tert-butyl Ether	32
5/29/01		Methyl tert-butyl Ether	31
8/22/01		Methyl tert-butyl Ether	28
12/06/01		Methyl tert-butyl Ether	25
3/25/02		Methyl tert-butyl Ether	14
7/02/02		None Detected	<5
10/05/02		Methyl tert-butyl Ether	53
1/17/03		Methyl tert-butyl Ether	23
4/17/03		Methyl-t-butyl Ether	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
9/27/04		Benzene	3.8
		Ethylbenzene	1.3
		Methyl tert-butyl Ether	57
		Toluene	0.8
		Xylenes, Total	2.3

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

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

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

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

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
7/06/04	MW-5	Benzene	110
		Ethylbenzene	44
		Isopropylbenzene	81
		Methyl tert-butyl Ether	5600
		n-Propylbenzene	350
9/27/04		Benzene	83
		Methyl tert-butyl Ether	4000

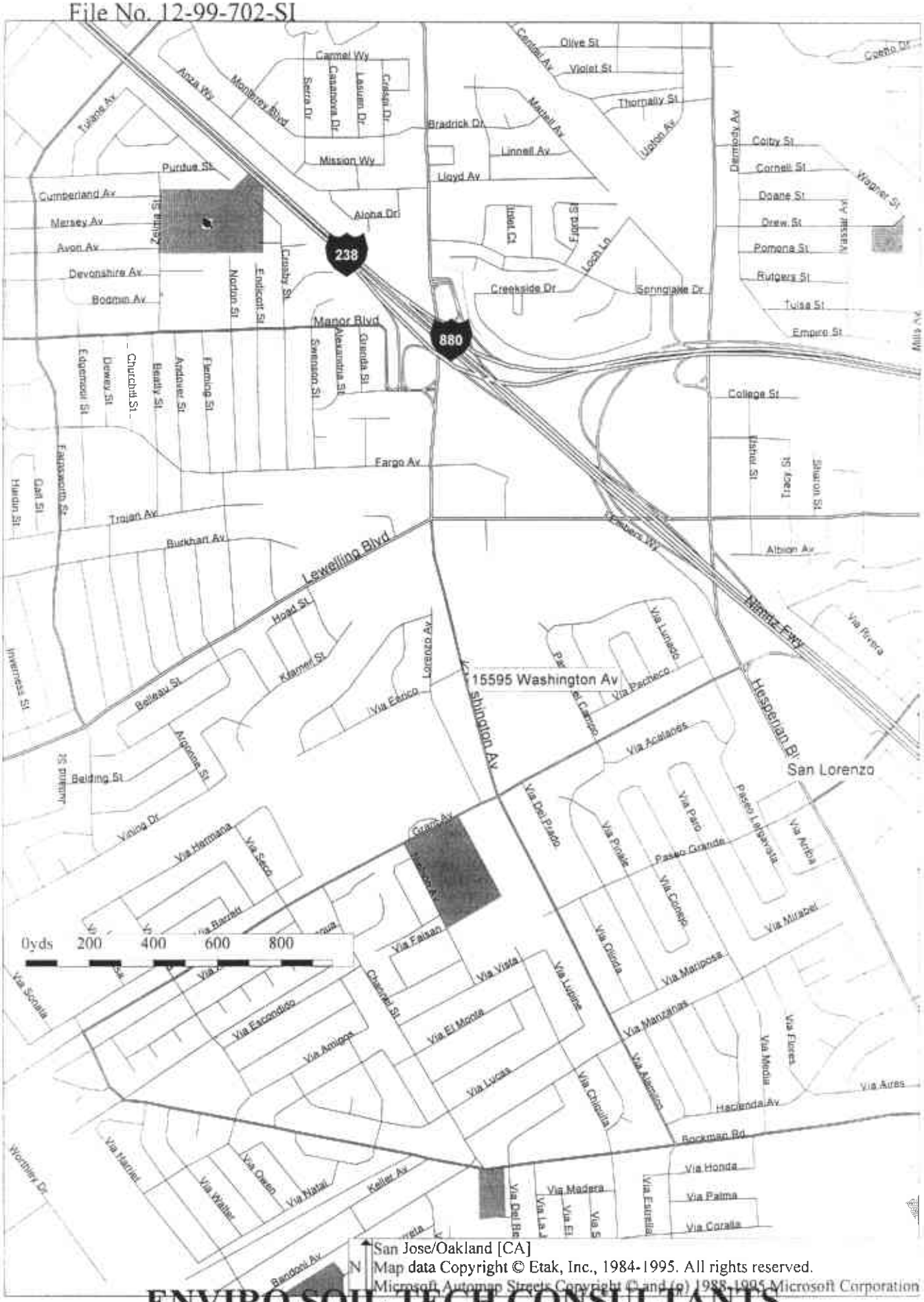
File No. 12-99-702-SI

A P P E N D I X "B"

FIGURES

ENVIRO SOIL TECH CONSULTANTS

File No. 12-99-702-SI



ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1

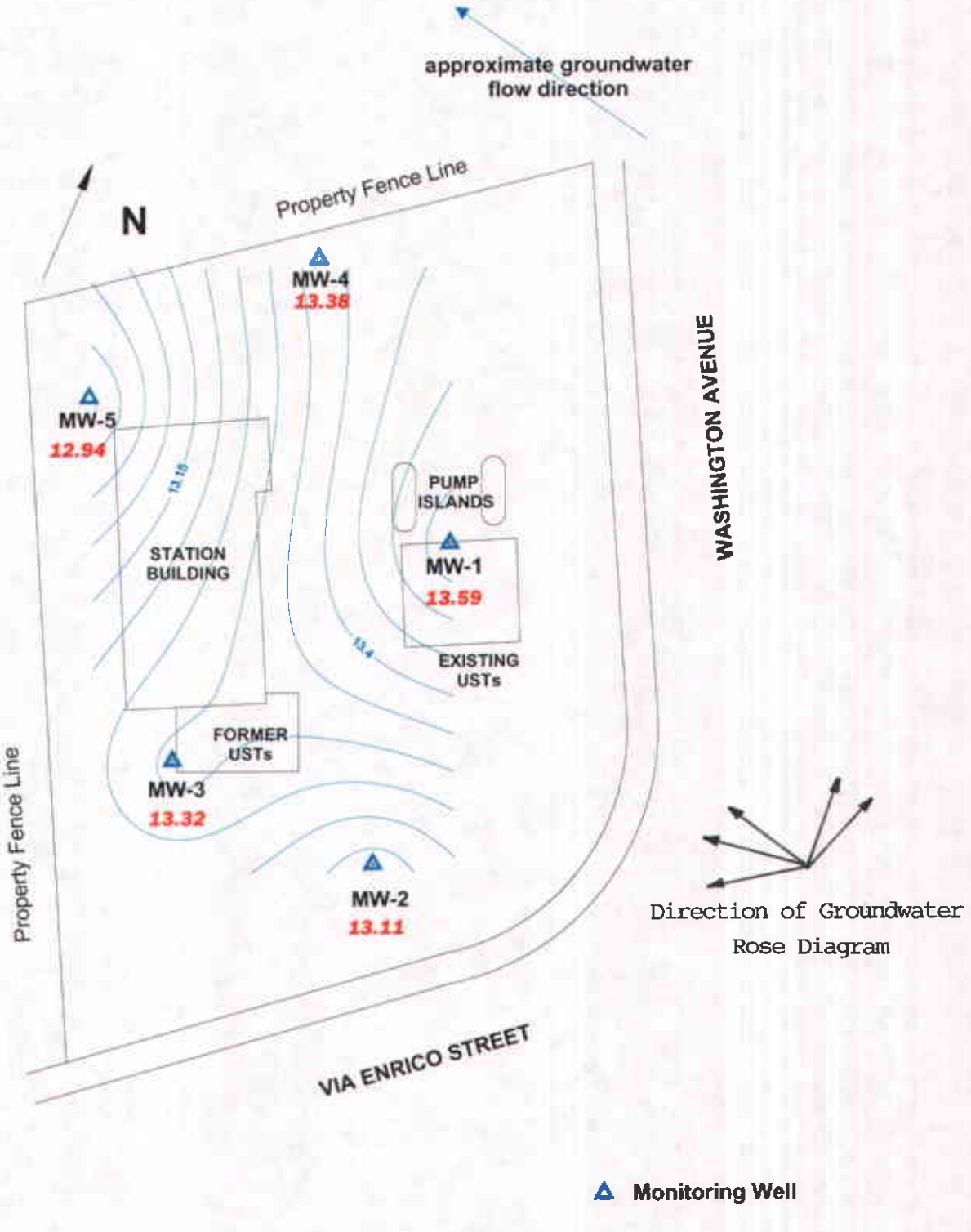


Figure 2: Groundwater elevation contour map.
September 27, 2004.

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M2

File No. 12-99-702-SI

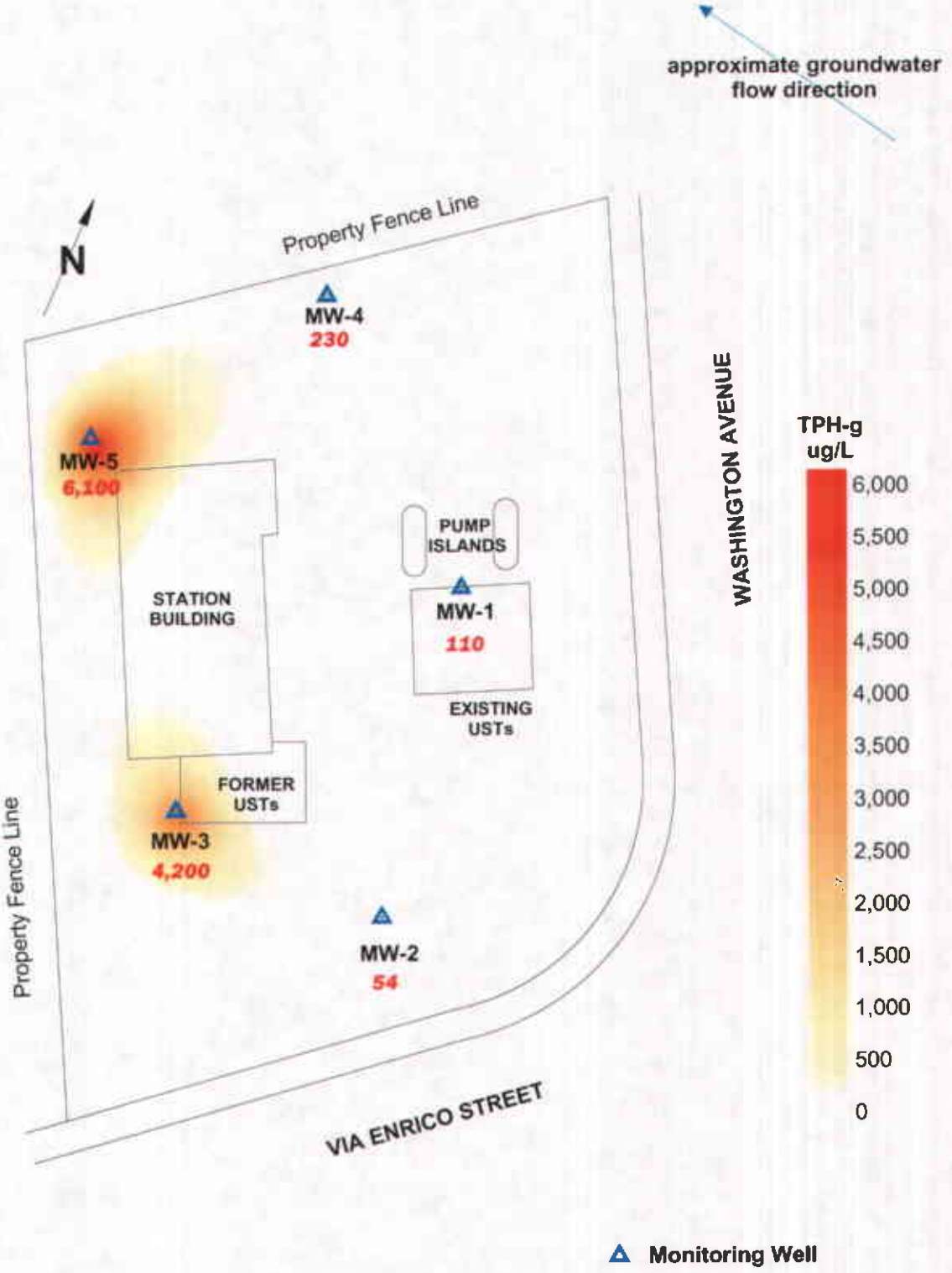

Figure 3: Contour map of TPH-g concentrations in the groundwater. September 27, 2004.

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M3

File No. 12-99-702-SI

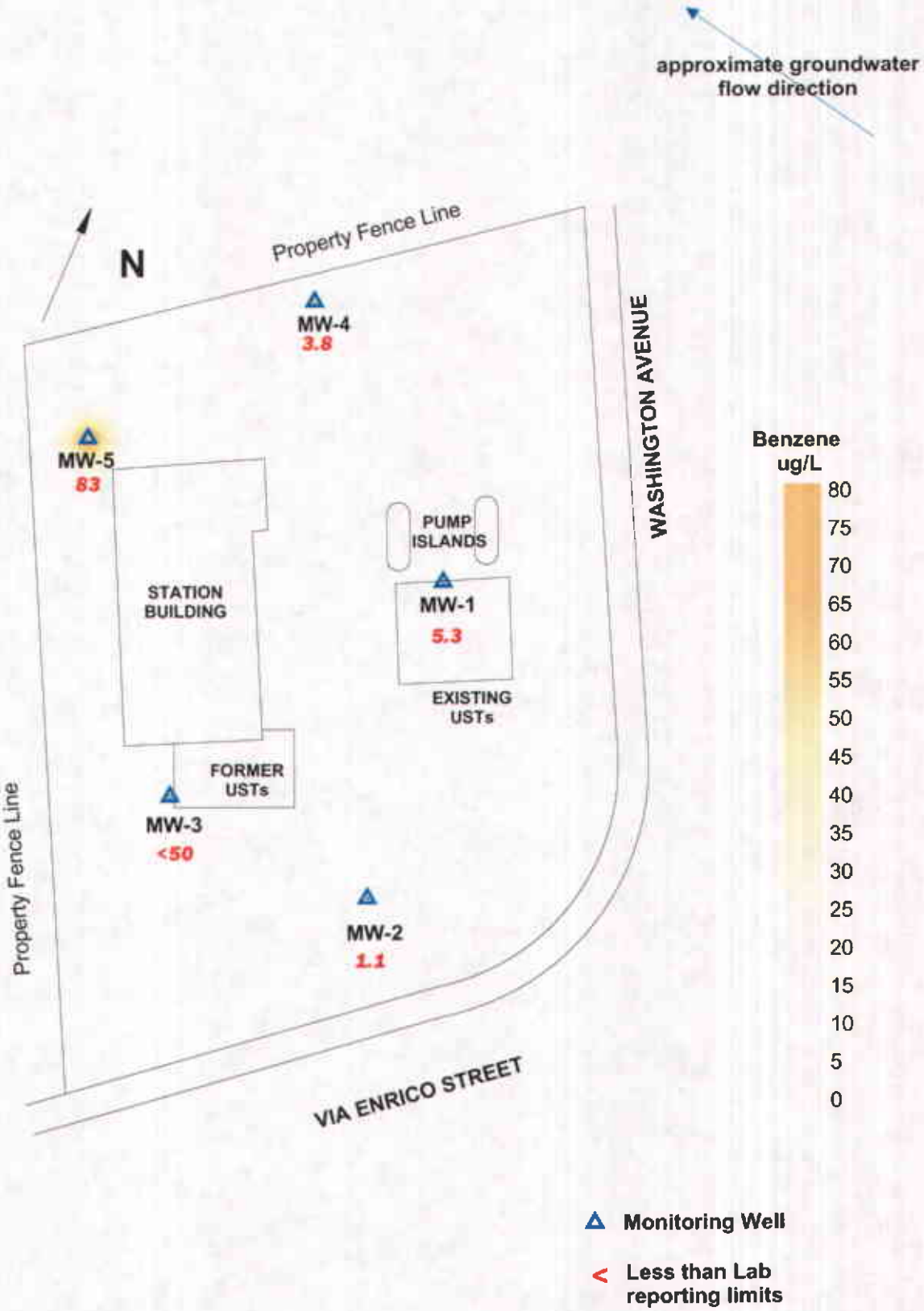

Figure 4: Map of Benzene concentrations in the groundwater. September 27, 2004.

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M4

File No. 12-99-702-SI

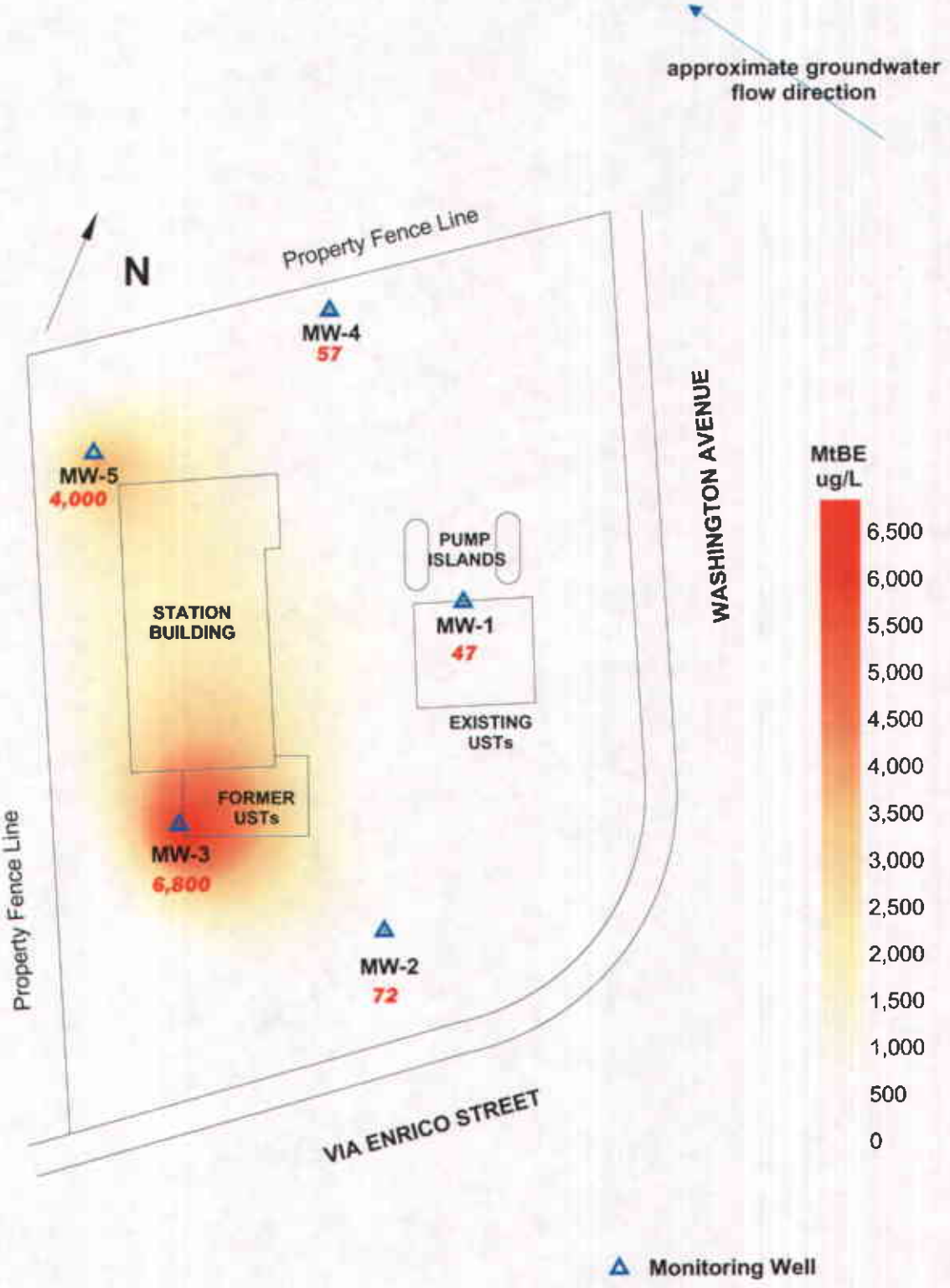

Figure 5: Contour map of MtBE concentrations in the groundwater. September 27, 2004.

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M5

File No. 12-99-702-SI

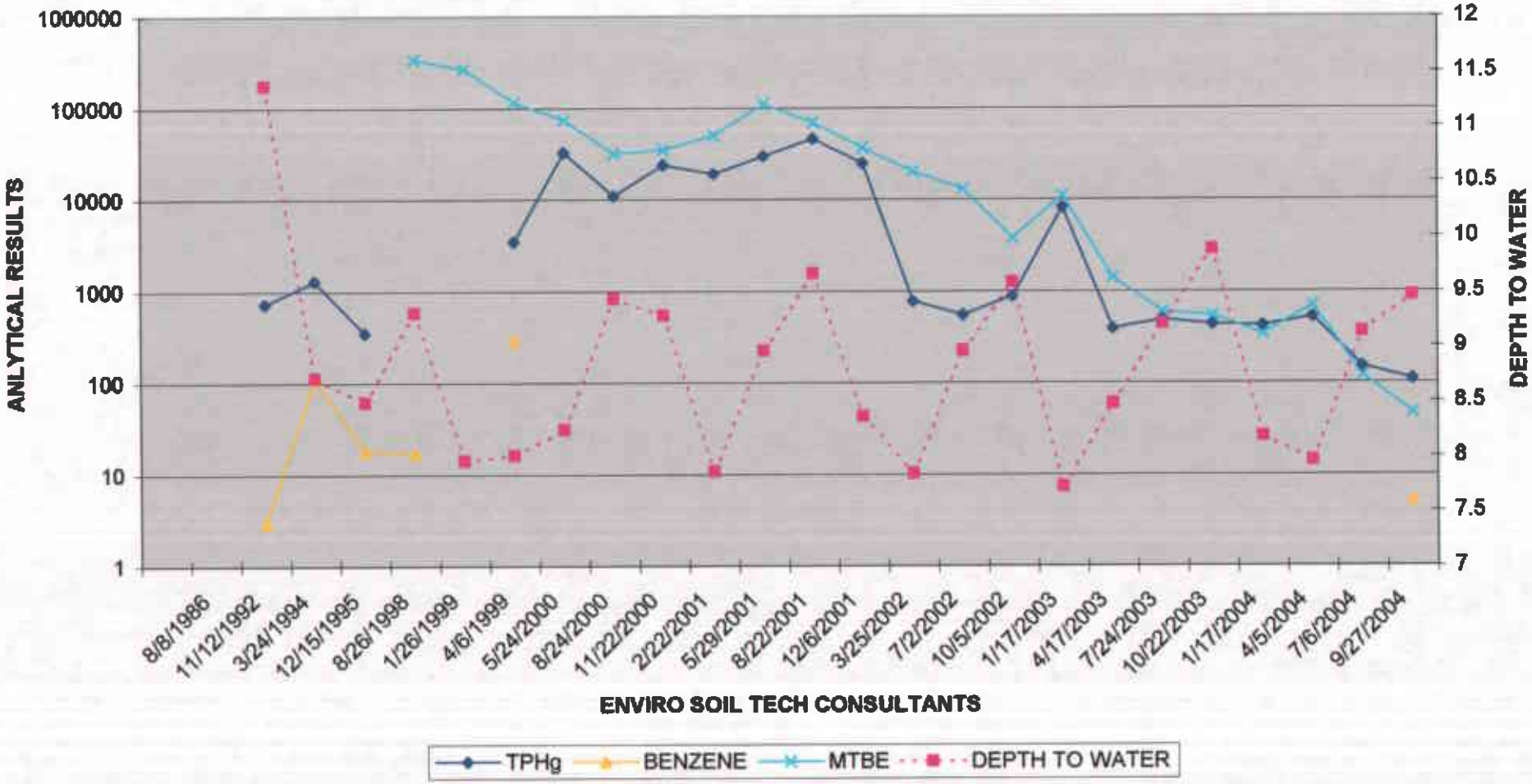
A P P E N D I X "C"

HYDROGRAPHS

ENVIRO SOIL TECH CONSULTANTS

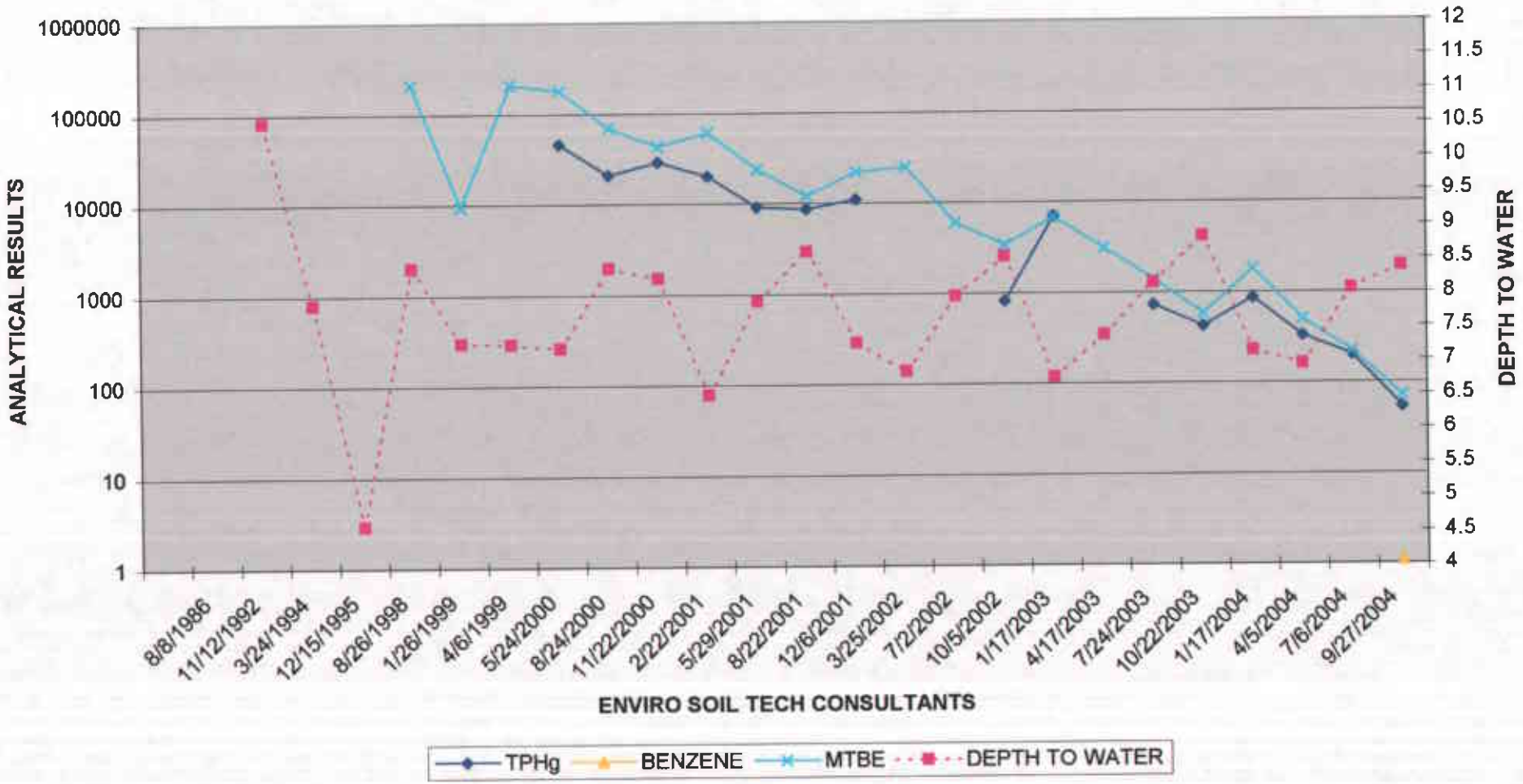
File No.: 12-99-702-SI

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



File No.: 12-99-702-SI

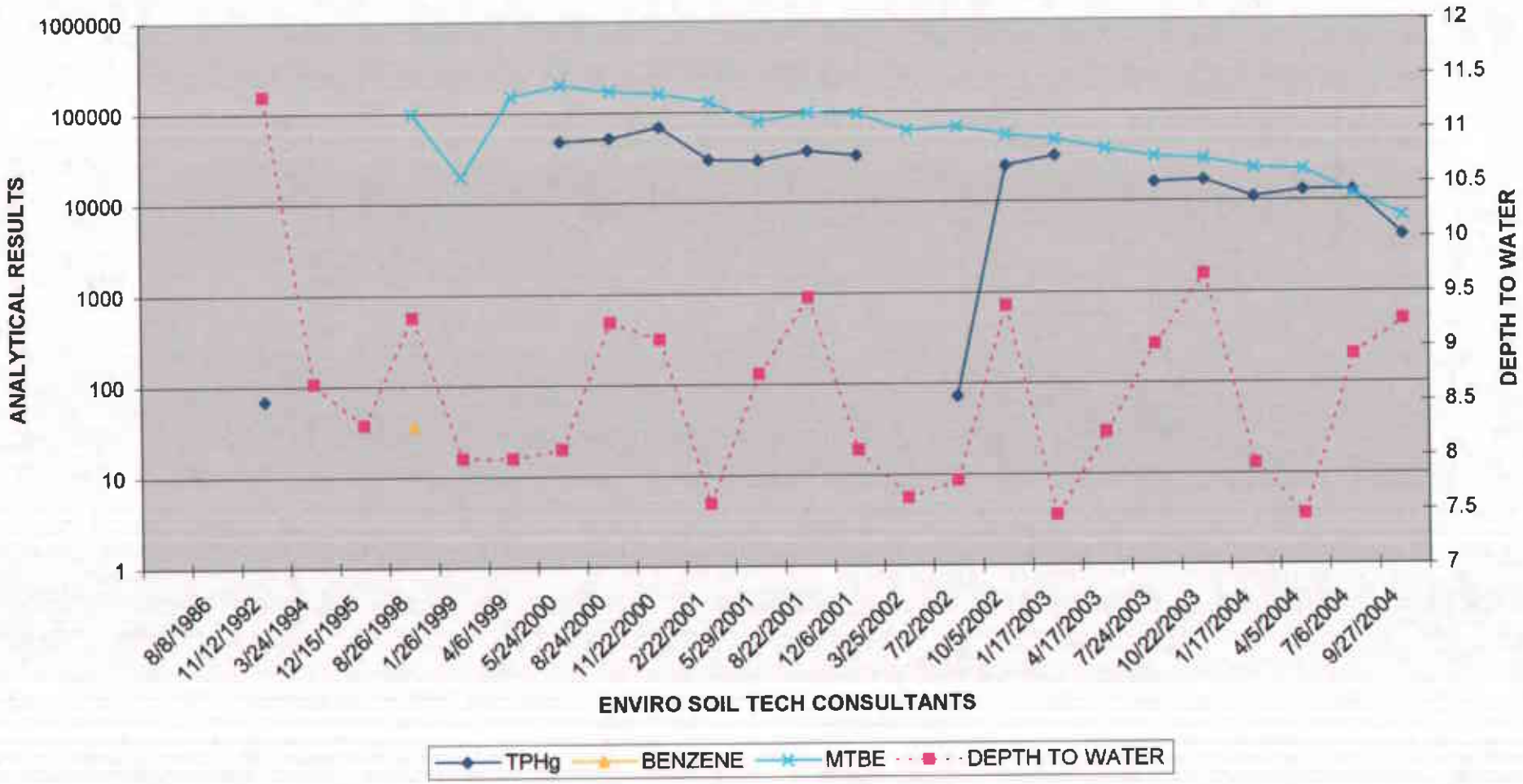
TPHg, BENZENE & MTBE RESULTS FOR MW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

File No.: 12-99-702-SI

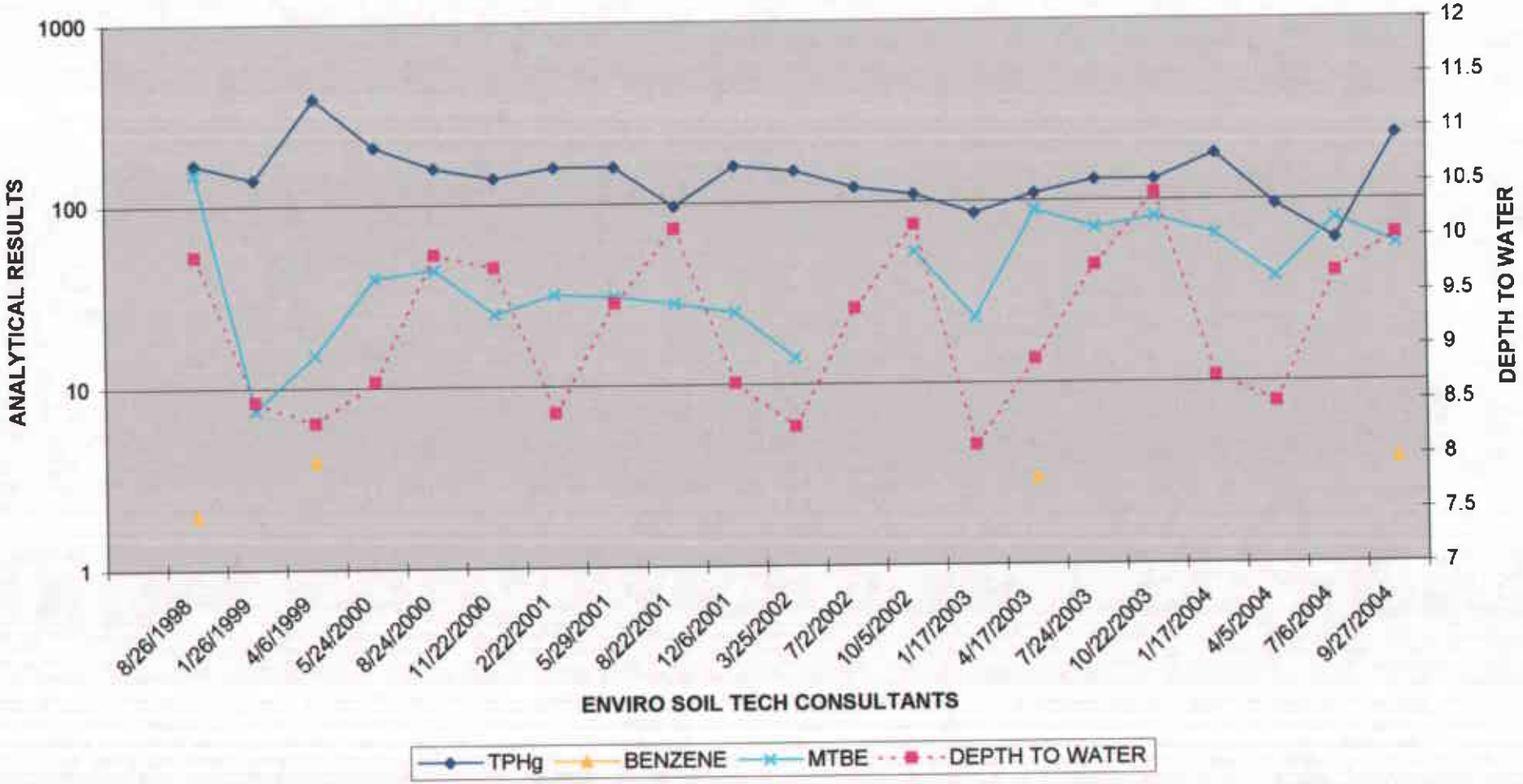
TPHg, BENZENE & MTBE RESULTS FOR MW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

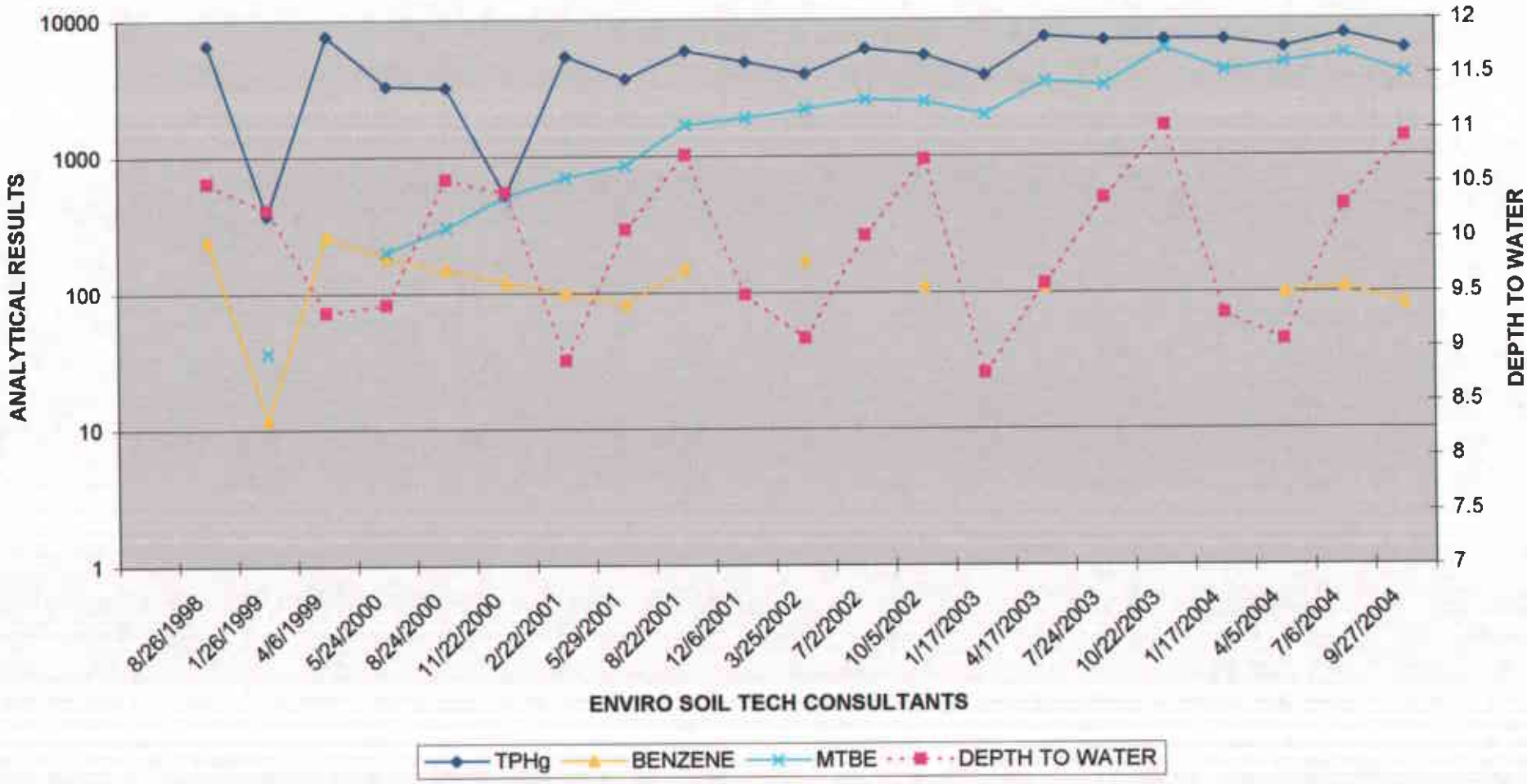
File No.: 12-99-702-SI

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



File No.: 12-99-702-SI

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



File No. 12-99-702-SI

A P P E N D I X "D"

STANDARD OPERATION PROCEDURE

ENVIRO SOIL TECH CONSULTANTS

File No. 12-99-702-SI

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"

LABORATORY 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: 40615 - 10/11/2004 2:39:41 PM

Order: 40615
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI

Date Collected: 9/27/2004
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI

Certificate of Analysis - Final Report

On September 29, 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	EPA 8260B/EPA 624	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 us at 408-588-0200 ext. 225.

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

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-001 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 9/27/2004 2:09 PM

Method: GC-MS

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	110		1	25	µg/L	N/A	N/A	10/04/2004	WMS1041004

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.9	64 - 125
Dibromofluoromethane	97.7	23 - 172
Toluene-d8	97.1	70 - 134

Analyzed by: Xbian
Reviewed by: MTU

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Entech Analytical Labs, Inc.

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

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/27/2004 3:16 PM

Method: GC-MS

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	54	x	1	25	µg/L	N/A	N/A	10/04/2004	WMS1041004

Note: Reported TPH as Gasoline value is the result of high concentration of MTBE within the TPH as Gasoline quantitation range.

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.5	64 - 125
Dibromofluoromethane	96.0	23 - 172
Toluene-d8	99.6	70 - 134

Analyzed by: Xbian
Reviewed by: TFULTON

Detection Limit = Detection Limit for Reporting.
ND = Not Detected at or above the Detection Limit.
DF = Dilution and/or Prep Factor including sample volume adjustments.

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

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-003 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/27/2004 4:20 PM

Method: GC-MS

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	4200	x	100	2500	µg/L	N/A	N/A	10/01/2004	WMS1041001

Note: Reported TPH as Gasoline value is the result of high concentration of MTBE within the TPH as Gasoline quantitation range.

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.0	64 - 125
Dibromofluoromethane	99.5	23 - 172
Toluene-d8	98.4	70 - 134

Analyzed by: Xbian
Reviewed by: MTU

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Entech Analytical Labs, Inc.

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

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab #: 40615-004 **Sample ID: MW-4** **Matrix:** Liquid **Sample Date:** 9/27/2004 1:15 PM

Method: GC-MS

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	230		1	25	µg/L	N/A	N/A	10/01/2004	WMS1041001

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.9	64 - 125
Dibromofluoromethane	101	23 - 172
Toluene-d8	97.6	70 - 134

Analyzed by: Xbian
Reviewed by: MTU

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Entech Analytical Labs, Inc.

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

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/27/2004 12:01 PM

Method: GC-MS

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	6100	x	100	2500	µg/L	N/A	N/A	10/06/2004	WMS1041006

Note: Reported TPH as Gasoline value is the result of high concentration of MTBE within the TPH as Gasoline quantitation range.

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.7	64 - 125
Dibromofluoromethane	93.5	23 - 172
Toluene-d8	98.9	70 - 134

Analyzed by: Xbian
Reviewed by: BDHABALIA

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Entech Analytical Labs, Inc.

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

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131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-001 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 9/27/2004 2:09 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,1,1-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,1,2,2-Tetrachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,1,2-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,1-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,1-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,1-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2,3-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2,3-Trichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2,4-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2,4-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2-Dibromo-3-Chloropropane	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2-Dibromoethane (EDB)	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,2-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,3,5-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,3-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,3-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,4-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
1,4-Dioxane	ND		1	50	µg/L	N/A	N/A	10/07/2004	WMS1041007
2,2-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
2-Butanone (MEK)	ND		1	20	µg/L	N/A	N/A	10/07/2004	WMS1041007
2-Hexanone	ND		1	20	µg/L	N/A	N/A	10/07/2004	WMS1041007
2-Chloroethyl-vinyl Ether	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
2-Chlorotoluene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
4-Chlorotoluene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
4-Methyl-2-Pentanone(MIBK)	ND		1	20	µg/L	N/A	N/A	10/07/2004	WMS1041007
Acetone	ND		1	20	µg/L	N/A	N/A	10/07/2004	WMS1041007
Acetonitrile	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Acrolein	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Acrylonitrile	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Benzene	5.3		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Benzyl Chloride	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Bromobenzene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Bromochloromethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Bromodichloromethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Bromoform	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Bromomethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Carbon Disulfide	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Carbon Tetrachloride	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Chlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Chloroethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Chloroform	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Chloromethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007

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ND = Not Detected at or above the Detection Limit.

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Attn: Frank Hamedi

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-001 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 9/27/2004 2:09 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
cis-1,3-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Cyclohexanone	ND		1	20	µg/L	N/A	N/A	10/07/2004	WMS1041007
Dibromochloromethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Dibromomethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Dichlorodifluoromethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Diisopropyl Ether	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Ethyl Benzene	2.0		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Freon 113	ND		1	1	µg/L	N/A	N/A	10/07/2004	WMS1041007
Hexachlorobutadiene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Iodomethane	ND		1	1	µg/L	N/A	N/A	10/07/2004	WMS1041007
Isopropanol	ND		1	20	µg/L	N/A	N/A	10/07/2004	WMS1041007
Isopropylbenzene	ND		1	1	µg/L	N/A	N/A	10/07/2004	WMS1041007
Methylene Chloride	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Methyl-t-butyl Ether	47		1	1	µg/L	N/A	N/A	10/07/2004	WMS1041007
Naphthalene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
n-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
n-Propylbenzene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Pentachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
p-Isopropyltoluene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
sec-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Styrene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
tert-Amyl Methyl Ether	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
tert-Butanol (TBA)	ND		1	10	µg/L	N/A	N/A	10/07/2004	WMS1041007
tert-Butyl Ethyl Ether	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
tert-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Tetrachloroethene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Tetrahydrofuran	ND		1	20	µg/L	N/A	N/A	10/07/2004	WMS1041007
Toluene	1.2		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
trans-1,2-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
trans-1,3-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
trans-1,4-Dichloro-2-butene	ND		1	1	µg/L	N/A	N/A	10/07/2004	WMS1041007
Trichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Trichlorofluoromethane	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Vinyl Chloride	ND		1	0.5	µg/L	N/A	N/A	10/07/2004	WMS1041007
Xylenes, Total	4.3		1	1	µg/L	N/A	N/A	10/07/2004	WMS1041007

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	86.4	75 - 109
Dibromofluoromethane	103	79 - 122
Toluene-d8	94.1	85 - 111

Analyzed by: Xbian
Reviewed by: MTU

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ND = Not Detected at or above the Detection Limit.

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Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/27/2004 3:16 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,1,1-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,1,2,2-Tetrachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,1,2-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,1-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,1-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,1-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2,3-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2,3-Trichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2,4-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2,4-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2-Dibromo-3-Chloropropane	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2-Dibromoethane (EDB)	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,2-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,3,5-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,3-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,3-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,4-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
1,4-Dioxane	ND		1	50	µg/L	N/A	N/A	10/04/2004	WMS1041004
2,2-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
2-Butanone (MEK)	ND		1	20	µg/L	N/A	N/A	10/04/2004	WMS1041004
2-Hexanone	ND		1	20	µg/L	N/A	N/A	10/04/2004	WMS1041004
2-Chloroethyl-vinyl Ether	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
2-Chlorotoluene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
4-Chlorotoluene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
4-Methyl-2-Pentanone(MIBK)	ND		1	20	µg/L	N/A	N/A	10/04/2004	WMS1041004
Acetone	ND		1	20	µg/L	N/A	N/A	10/04/2004	WMS1041004
Acetonitrile	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Acrolein	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Acrylonitrile	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Benzene	1.1		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Benzyl Chloride	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Bromobenzene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Bromochloromethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Bromodichloromethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Bromoform	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Bromomethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Carbon Disulfide	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Carbon Tetrachloride	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Chlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Chloroethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Chloroform	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Chloromethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004

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ND = Not Detected at or above the Detection Limit.

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Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/27/2004 3:16 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
cis-1,3-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Cyclohexanone	ND		1	20	µg/L	N/A	N/A	10/04/2004	WMS1041004
Dibromochloromethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Dibromomethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Dichlorodifluoromethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Diisopropyl Ether	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Ethyl Benzene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Freon 113	ND		1	1	µg/L	N/A	N/A	10/04/2004	WMS1041004
Hexachlorobutadiene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Iodomethane	ND		1	1	µg/L	N/A	N/A	10/04/2004	WMS1041004
Isopropanol	ND		1	20	µg/L	N/A	N/A	10/04/2004	WMS1041004
Isopropylbenzene	ND		1	1	µg/L	N/A	N/A	10/04/2004	WMS1041004
Methylene Chloride	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Methyl-t-butyl Ether	72		1	1	µg/L	N/A	N/A	10/04/2004	WMS1041004
Naphthalene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
n-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
n-Propylbenzene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Pentachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
p-Isopropyltoluene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
sec-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Styrene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
tert-Amyl Methyl Ether	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
tert-Butanol (TBA)	ND		1	10	µg/L	N/A	N/A	10/04/2004	WMS1041004
tert-Butyl Ethyl Ether	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
tert-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Tetrachloroethene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Tetrahydrofuran	ND		1	20	µg/L	N/A	N/A	10/04/2004	WMS1041004
Toluene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
trans-1,2-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
trans-1,3-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
trans-1,4-Dichloro-2-butene	ND		1	1	µg/L	N/A	N/A	10/04/2004	WMS1041004
Trichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Trichlorofluoromethane	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Vinyl Chloride	ND		1	0.5	µg/L	N/A	N/A	10/04/2004	WMS1041004
Xylenes, Total	ND		1	1	µg/L	N/A	N/A	10/04/2004	WMS1041004

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.9	75 - 109
Dibromofluoromethane	96.9	79 - 122
Toluene-d8	98.3	85 - 111

Analyzed by: Xbian
Reviewed by: TFULTON

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.
ND = Not Detected at or above the Detection Limit.

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Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-003 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/27/2004 4:20 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1,1-Trichloroethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1,2,2-Tetrachloroethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1,2-Trichloroethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1-Dichloroethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1-Dichloroethene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1-Dichloropropene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2,3-Trichlorobenzene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2,3-Trichloropropane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2,4-Trichlorobenzene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2,4-Trimethylbenzene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dibromo-3-Chloropropane	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dibromoethane (EDB)	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dichloroethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dichloropropane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,3,5-Trimethylbenzene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,3-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,3-Dichloropropane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,4-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,4-Dioxane	ND		100	5000	µg/L	N/A	N/A	10/01/2004	WMS1041001
2,2-Dichloropropane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
2-Butanone (MEK)	ND		100	2000	µg/L	N/A	N/A	10/01/2004	WMS1041001
2-Hexanone	ND		100	2000	µg/L	N/A	N/A	10/01/2004	WMS1041001
2-Chloroethyl-vinyl Ether	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
2-Chlorotoluene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
4-Chlorotoluene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
4-Methyl-2-Pentanone(MIBK)	ND		100	2000	µg/L	N/A	N/A	10/01/2004	WMS1041001
Acetone	ND		100	2000	µg/L	N/A	N/A	10/01/2004	WMS1041001
Acetonitrile	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Acrolein	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Acrylonitrile	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Benzene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Benzyl Chloride	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromobenzene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromochloromethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromodichloromethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromoform	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromomethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Carbon Disulfide	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Carbon Tetrachloride	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Chlorobenzene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Chloroethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Chloroform	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Chloromethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001

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DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Entech Analytical Labs, Inc.

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

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

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-003 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/27/2004 4:20 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
cis-1,3-Dichloropropene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Cyclohexanone	ND		100	2000	µg/L	N/A	N/A	10/01/2004	WMS1041001
Dibromochloromethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Dibromomethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Dichlorodifluoromethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Diisopropyl Ether	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Ethyl Benzene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Freon 113	ND		100	100	µg/L	N/A	N/A	10/01/2004	WMS1041001
Hexachlorobutadiene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Iodomethane	ND		100	100	µg/L	N/A	N/A	10/01/2004	WMS1041001
Isopropanol	ND		100	2000	µg/L	N/A	N/A	10/01/2004	WMS1041001
Isopropylbenzene	ND		100	100	µg/L	N/A	N/A	10/01/2004	WMS1041001
Methylene Chloride	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Methyl-t-butyl Ether	6800		100	100	µg/L	N/A	N/A	10/01/2004	WMS1041001
Naphthalene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
n-Butylbenzene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
n-Propylbenzene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Pentachloroethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
p-Isopropyltoluene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
sec-Butylbenzene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Styrene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
tert-Amyl Methyl Ether	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
tert-Butanol (TBA)	ND		100	1000	µg/L	N/A	N/A	10/01/2004	WMS1041001
tert-Butyl Ethyl Ether	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
tert-Butylbenzene	ND		100	500	µg/L	N/A	N/A	10/01/2004	WMS1041001
Tetrachloroethene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Tetrahydrofuran	ND		100	2000	µg/L	N/A	N/A	10/01/2004	WMS1041001
Toluene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
trans-1,2-Dichloroethene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
trans-1,3-Dichloropropene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
trans-1,4-Dichloro-2-butene	ND		100	100	µg/L	N/A	N/A	10/01/2004	WMS1041001
Trichloroethene	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Trichlorofluoromethane	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Vinyl Chloride	ND		100	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
Xylenes, Total	ND		100	100	µg/L	N/A	N/A	10/01/2004	WMS1041001

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	86.5	75 - 109
Dibromofluoromethane	100	79 - 122
Toluene-d8	97.1	85 - 111

Analyzed by: Xbian
Reviewed by: MTU

Detection Limit = Detection Limit for Reporting.
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ND = Not Detected at or above the Detection Limit.

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Attn: Frank Hamedi

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-004 **Sample ID: MW-4** **Matrix:** Liquid **Sample Date:** 9/27/2004 1:15 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1,1-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1,2,2-Tetrachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1,2-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,1-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2,3-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2,3-Trichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2,4-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2,4-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dibromo-3-Chloropropane	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dibromoethane (EDB)	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,2-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,3,5-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,3-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,3-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,4-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
1,4-Dioxane	ND		1	50	µg/L	N/A	N/A	10/01/2004	WMS1041001
2,2-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
2-Butanone (MEK)	ND		1	20	µg/L	N/A	N/A	10/01/2004	WMS1041001
2-Hexanone	ND		1	20	µg/L	N/A	N/A	10/01/2004	WMS1041001
2-Chloroethyl-vinyl Ether	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
2-Chlorotoluene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
4-Chlorotoluene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
4-Methyl-2-Pentanone(MIBK)	ND		1	20	µg/L	N/A	N/A	10/01/2004	WMS1041001
Acetone	ND		1	20	µg/L	N/A	N/A	10/01/2004	WMS1041001
Acetonitrile	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Acrolein	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Acrylonitrile	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Benzene	3.8		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Benzyl Chloride	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromobenzene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromochloromethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromodichloromethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromoform	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Bromomethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Carbon Disulfide	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Carbon Tetrachloride	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Chlorobenzene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Chloroethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Chloroform	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Chloromethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001

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ND = Not Detected at or above the Detection Limit.

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Attn: Frank Hamedi

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-004 **Sample ID: MW-4** **Matrix:** Liquid **Sample Date:** 9/27/2004 1:15 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
cis-1,3-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Cyclohexanone	ND		1	20	µg/L	N/A	N/A	10/01/2004	WMS1041001
Dibromochloromethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Dibromomethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Dichlorodifluoromethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Diisopropyl Ether	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Ethyl Benzene	1.3		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Freon 113	ND		1	1	µg/L	N/A	N/A	10/01/2004	WMS1041001
Hexachlorobutadiene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Iodomethane	ND		1	1	µg/L	N/A	N/A	10/01/2004	WMS1041001
Isopropanol	ND		1	20	µg/L	N/A	N/A	10/01/2004	WMS1041001
Isopropylbenzene	ND		1	1	µg/L	N/A	N/A	10/01/2004	WMS1041001
Methylene Chloride	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Methyl-t-butyl Ether	57		1	1	µg/L	N/A	N/A	10/01/2004	WMS1041001
Naphthalene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
n-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
n-Propylbenzene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Pentachloroethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
p-Isopropyltoluene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
sec-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Styrene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
tert-Amyl Methyl Ether	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
tert-Butanol (TBA)	ND		1	10	µg/L	N/A	N/A	10/01/2004	WMS1041001
tert-Butyl Ethyl Ether	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
tert-Butylbenzene	ND		1	5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Tetrachloroethene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Tetrahydrofuran	ND		1	20	µg/L	N/A	N/A	10/01/2004	WMS1041001
Toluene	0.80		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
trans-1,2-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
trans-1,3-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
trans-1,4-Dichloro-2-butene	ND		1	1	µg/L	N/A	N/A	10/01/2004	WMS1041001
Trichloroethene	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Trichlorofluoromethane	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Vinyl Chloride	ND		1	0.5	µg/L	N/A	N/A	10/01/2004	WMS1041001
Xylenes, Total	2.3		1	1	µg/L	N/A	N/A	10/01/2004	WMS1041001

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	89.2	75 - 109
Dibromofluoromethane	102	79 - 122
Toluene-d8	96.3	85 - 111

Analyzed by: Xbian
Reviewed by: MTU

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.
ND = Not Detected at or above the Detection Limit.

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Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/27/2004 12:01 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
,1,1-Trichloroethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
,1,2,2-Tetrachloroethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
1,1,2-Trichloroethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
,1-Dichloroethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
.1-Dichloroethene	ND		100	50	µg/L	N/A	N/A.	10/06/2004	WMS1041006
,1-Dichloropropene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
1,2,3-Trichlorobenzene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
,2,3-Trichloropropane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
,2,4-Trichlorobenzene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
1,2,4-Trimethylbenzene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
,2-Dibromo-3-Chloropropane	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
.2-Dibromoethane (EDB)	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
1,2-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
1,2-Dichloroethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
,2-Dichloropropane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
,3,5-Trimethylbenzene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
1,3-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
.3-Dichloropropane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
,4-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
1,4-Dioxane	ND		100	5000	µg/L	N/A	N/A	10/06/2004	WMS1041006
2,2-Dichloropropane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
-Butanone (MEK)	ND		100	2000	µg/L	N/A	N/A	10/06/2004	WMS1041006
2-Hexanone	ND		100	2000	µg/L	N/A	N/A	10/06/2004	WMS1041006
2-Chloroethyl-vinyl Ether	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
-Chlorotoluene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
-Chlorotoluene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
4-Methyl-2-Pentanone(MIBK)	ND		100	2000	µg/L	N/A	N/A	10/06/2004	WMS1041006
Acetone	ND		100	2000	µg/L	N/A	N/A	10/06/2004	WMS1041006
Acetonitrile	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Acrolein	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Acrylonitrile	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Benzene	83		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Benzyl Chloride	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Bromobenzene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Bromochloromethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Bromodichloromethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Bromoform	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Bromomethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Carbon Disulfide	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Carbon Tetrachloride	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Chlorobenzene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Chloroethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Chloroform	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Chloromethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006

Detection Limit = Detection Limit for Reporting.
ND = Not Detected at or above the Detection Limit.
DF = Dilution and/or Prep Factor including sample volume adjustments.

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

Project Number: 12-99-702-SI
Project Name: 15595 Washington Ave
Date Received: 9/29/2004
P.O. Number: 12-99-702-SI
Sampled By: Client

Certificate of Analysis - Data Report

Lab # : 40615-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/27/2004 12:01 PM

Method: EPA 8260B / EPA 5030B / Purge & Trap

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
cis-1,3-Dichloropropene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Cyclohexanone	ND		100	2000	µg/L	N/A	N/A	10/06/2004	WMS1041006
Dibromochloromethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Dibromomethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Dichlorodifluoromethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Diisopropyl Ether	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Ethyl Benzene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Freon 113	ND		100	100	µg/L	N/A	N/A	10/06/2004	WMS1041006
Hexachlorobutadiene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Iodomethane	ND		100	100	µg/L	N/A	N/A	10/06/2004	WMS1041006
Isopropanol	ND		100	2000	µg/L	N/A	N/A	10/06/2004	WMS1041006
Isopropylbenzene	ND		100	100	µg/L	N/A	N/A	10/06/2004	WMS1041006
Methylene Chloride	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Methyl-t-butyl Ether	4000		100	100	µg/L	N/A	N/A	10/06/2004	WMS1041006
Naphthalene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
n-Butylbenzene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
n-Propylbenzene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Pentachloroethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
p-Isopropyltoluene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
sec-Butylbenzene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Styrene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
tert-Amyl Methyl Ether	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
tert-Butanol (TBA)	ND		100	1000	µg/L	N/A	N/A	10/06/2004	WMS1041006
tert-Butyl Ethyl Ether	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
tert-Butylbenzene	ND		100	500	µg/L	N/A	N/A	10/06/2004	WMS1041006
Tetrachloroethene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Tetrahydrofuran	ND		100	2000	µg/L	N/A	N/A	10/06/2004	WMS1041006
Toluene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
trans-1,2-Dichloroethene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
trans-1,3-Dichloropropene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
trans-1,4-Dichloro-2-butene	ND		100	100	µg/L	N/A	N/A	10/06/2004	WMS1041006
Trichloroethene	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Trichlorofluoromethane	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Vinyl Chloride	ND		100	50	µg/L	N/A	N/A	10/06/2004	WMS1041006
Xylenes, Total	ND		100	100	µg/L	N/A	N/A	10/06/2004	WMS1041006

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87.2	75 - 109
Dibromofluoromethane	94.4	79 - 122
Toluene-d8	97.6	85 - 111

Analyzed by: XB
Reviewed by: BDHABALIA

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.
ND = Not Detected at or above the Detection Limit.

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Quality Control - Method Blank

Liquid

Validated by: MTU - 10/05/04

QC Batch ID: WMS1041001

Analysis Date: 10/1/2004

Method Blank **Method: EPA 8260B**

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

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Quality Control - Method Blank

Liquid

Validated by: MTU - 10/05/04

QC Batch ID: WMS1041001

Analysis Date: 10/1/2004

Method Blank **Method: EPA 8260B**

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**83.7**	75 - 109
Dibromofluoromethane	**95.3**	79 - 122
Toluene-d8	**98.1**	85 - 111

Entech Analytical Labs, Inc.

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Quality Control - Method Blank / Laboratory Control Spike / Duplicate Results

Reviewed by: MTU - 10/05/04

QC Batch ID: WMS1041001 Analysis Date: 10/1/2004

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	17.7	LCS	10/1/2004	**88.5**			60 - 132
Benzene	<0.5	20.0	20.6	LCS	10/1/2004	**103.0**			77 - 154
Chlorobenzene	<0.5	20.0	20.8	LCS	10/1/2004	**104.0**			66 - 141
Methyl-t-butyl Ether	<1	20.0	16.9	LCS	10/1/2004	**84.5**			54 - 133
Toluene	<0.5	20.0	19.5	LCS	10/1/2004	**97.5**			47 - 137
Trichloroethene	<0.5	20.0	19.6	LCS	10/1/2004	**98.0**			71 - 137

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**97.9**	75 - 109
Dibromofluoromethane	**95.7**	79 - 122
Toluene-d8	**94.9**	85 - 111

1,1-Dichloroethene	<0.5	20.0	17.0	LCSD	10/1/2004	**85.0**	**4.0**	25	72 - 104
Benzene	<0.5	20.0	20.4	LCSD	10/1/2004	**102.0**	**1.0**	25	77 - 154
Chlorobenzene	<0.5	20.0	20.4	LCSD	10/1/2004	**102.0**	**1.9**	25	66 - 141
Methyl-t-butyl Ether	<1	20.0	18.0	LCSD	10/1/2004	**90.0**	**6.3**	25	58 - 127
Toluene	<0.5	20.0	18.9	LCSD	10/1/2004	**94.5**	**3.1**	25	47 - 137
Trichloroethene	<0.5	20.0	19.2	LCSD	10/1/2004	**96.0**	**2.1**	25	71 - 137

Entech Analytical Labs, Inc.

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Quality Control - Method Blank

Liquid

Validated by: TFULTON - 10/06/04

QC Batch ID: WMS1041004

Analysis Date: 10/4/2004

Method Blank Method: EPA 8260B

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

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Quality Control - Method Blank

Liquid

Validated by: TFULTON - 10/06/04

QC Batch ID: WMS1041004

Analysis Date: 10/4/2004

Method Blank **Method: EPA 8260B**

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	85.8	75 - 109
Dibromofluoromethane	95.1	79 - 122
Toluene-d8	98.4	85 - 111

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Quality Control - Method Blank / Laboratory Control Spike / Duplicate Results

Reviewed by: TFULTON - 10/06/04

QC Batch ID: WMS1041004 Analysis Date: 10/4/2004

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	16.8	LCS	10/4/2004	**84.0**			72 - 104
Benzene	<0.5	20.0	20.6	LCS	10/4/2004	**103.0**			85 - 121
Chlorobenzene	<0.5	20.0	20.8	LCS	10/4/2004	**104.0**			88 - 116
Methyl-t-butyl Ether	<1	20.0	16.2	LCS	10/4/2004	**81.0**			54 - 133
Toluene	<0.5	20.0	19.4	LCS	10/4/2004	**97.0**			81 - 115
Trichloroethene	<0.5	20.0	20.4	LCS	10/4/2004	**102.0**			71 - 137

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**86.8**	75 - 109
Dibromofluoromethane	**92.1**	79 - 122
Toluene-d8	**94.7**	85 - 111

1,1-Dichloroethene	<0.5	20.0	16.0	LCSD	10/4/2004	**80.0**	**4.9**	25	72 - 104
Benzene	<0.5	20.0	19.4	LCSD	10/4/2004	**97.0**	**6.0**	25	85 - 121
Chlorobenzene	<0.5	20.0	19.6	LCSD	10/4/2004	**98.0**	**5.9**	25	88 - 116
Methyl-t-butyl Ether	<1	20.0	17.0	LCSD	10/4/2004	**85.0**	**4.8**	25	54 - 133
Toluene	<0.5	20.0	18.3	LCSD	10/4/2004	**91.5**	**5.8**	25	81 - 115
Trichloroethene	<0.5	20.0	18.6	LCSD	10/4/2004	**93.0**	**9.2**	25	71 - 137

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**88.3**	75 - 109
Dibromofluoromethane	**94.7**	79 - 122
Toluene-d8	**95.1**	85 - 111

Entech Analytical Labs, Inc.

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

Quality Control - Method Blank

Liquid

Validated by: BDHABALIA - 10/07/04

QC Batch ID: WMS1041006

Analysis Date: 10/6/2004

Method Blank Method: EPA 8260B

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

Entech Analytical Labs, Inc.

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Quality Control - Method Blank

Liquid

Validated by: BDHABALIA - 10/07/04

QC Batch ID: WMS1041006

Analysis Date: 10/6/2004

Method Blank **Method: EPA 8260B**

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	85.8	75 - 109
Dibromofluoromethane	92.8	79 - 122
Toluene-d8	99.0	85 - 111

Entech Analytical Labs, Inc.

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

Quality Control - Method Blank / Laboratory Control Spike / Duplicate Results

Reviewed by: BDHABALIA - 10/07/04

QC Batch ID: WMS1041006 Analysis Date: 10/6/2004

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	17.1	LCS	10/6/2004	**85.5**			72 - 104
Benzene	<0.5	20.0	20.8	LCS	10/6/2004	**104.0**			85 - 121
Chlorobenzene	<0.5	20.0	20.5	LCS	10/6/2004	**102.5**			88 - 116
Methyl-t-butyl Ether	<1	20.0	17.1	LCS	10/6/2004	**85.5**			54 - 133
Toluene	<0.5	20.0	19.4	LCS	10/6/2004	**97.0**			81 - 115
Trichloroethene	<0.5	20.0	20.1	LCS	10/6/2004	**100.5**			71 - 137

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**88.9**	75 - 109
Dibromofluoromethane	**95.3**	79 - 122
Toluene-d8	**95.8**	85 - 111

1,1-Dichloroethene	<0.5	20.0	16.3	LCSD	10/6/2004	**81.5**	**4.8**	25	72 - 104
Benzene	<0.5	20.0	20.0	LCSD	10/6/2004	**100.0**	**3.9**	25	85 - 121
Chlorobenzene	<0.5	20.0	20.2	LCSD	10/6/2004	**101.0**	**1.5**	25	88 - 116
Methyl-t-butyl Ether	<1	20.0	16.1	LCSD	10/6/2004	**80.5**	**6.0**	25	54 - 133
Toluene	<0.5	20.0	19.2	LCSD	10/6/2004	**96.0**	**1.0**	25	81 - 115
Trichloroethene	<0.5	20.0	19.3	LCSD	10/6/2004	**96.5**	**4.1**	25	71 - 137

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**87.9**	75 - 109
Dibromofluoromethane	**93.1**	79 - 122
Toluene-d8	**97.4**	85 - 111

Entech Analytical Labs, Inc.

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

Quality Control - Method Blank

Liquid

Validated by: MTU - 10/08/04

QC Batch ID: WMS1041007

Analysis Date: 10/7/2004

Method Blank Method: EPA 8260B

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

Entech Analytical Labs, Inc.

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

Quality Control - Method Blank

Liquid

Validated by: MTU - 10/08/04

QC Batch ID: WMS1041007

Analysis Date: 10/7/2004

Method Blank **Method: EPA 8260B**

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	84.4	75 - 109
Dibromofluoromethane	98.2	79 - 122
Toluene-d8	97.4	85 - 111

Entech Analytical Labs, Inc.

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

Quality Control - Method Blank / Laboratory Control Spike / Duplicate Results

Reviewed by: MTU - 10/08/04

QC Batch ID: WMS1041007 Analysis Date: 10/7/2004

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	16.8	LCS	10/7/2004	**84.0**			72 - 104
Benzene	<0.5	20.0	20.3	LCS	10/7/2004	**101.5**			85 - 121
Chlorobenzene	<0.5	20.0	20.3	LCS	10/7/2004	**101.5**			88 - 116
Methyl-t-butyl Ether	<1	20.0	18.1	LCS	10/7/2004	**90.5**			54 - 133
Toluene	<0.5	20.0	19.1	LCS	10/7/2004	**95.5**			81 - 115
Trichloroethene	<0.5	20.0	19.2	LCS	10/7/2004	**96.0**			71 - 137

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**82.9**	75 - 109
Dibromofluoromethane	**96.4**	79 - 122
Toluene-d8	**92.9**	85 - 111

1,1-Dichloroethene	<0.5	20.0	17.0	LCSD	10/7/2004	**85.0**	**1.2**	25	72 - 104
Benzene	<0.5	20.0	21.2	LCSD	10/7/2004	**106.0**	**4.3**	25	85 - 121
Chlorobenzene	<0.5	20.0	20.8	LCSD	10/7/2004	**104.0**	**2.4**	25	88 - 116
Methyl-t-butyl Ether	<1	20.0	18.5	LCSD	10/7/2004	**92.5**	**2.2**	25	54 - 133
Toluene	<0.5	20.0	19.6	LCSD	10/7/2004	**98.0**	**2.6**	25	81 - 115
Trichloroethene	<0.5	20.0	20.1	LCSD	10/7/2004	**100.5**	**4.6**	25	71 - 137

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**83.6**	75 - 109
Dibromofluoromethane	**95.2**	79 - 122
Toluene-d8	**92.1**	85 - 111

Entech Analytical Labs, Inc.

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

Quality Control - Method Blank

Liquid

Validated by: MTU - 10/05/04

QC Batch ID: WMS1041001

Analysis Date: 10/1/2004

Method Blank **Method: GC-MS**

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	91.9	64 - 125
Dibromofluoromethane	94.4	23 - 172
Toluene-d8	99.5	70 - 134

Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Reviewed by: MTU - 10/05/04

QC Batch ID: WMS1041001

Analysis Date: 10/1/2004

LCS Method: GC-MS Conc. Units: µg/L

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125	128	LCS	10/1/2004	100			65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	95.4	64 - 125
Dibromofluoromethane	89.6	23 - 172
Toluene-d8	98.9	70 - 134

LCSD Method: GC-MS Conc. Units: µg/L

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125	119	LCSD	10/1/2004	95	6.9	25	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	93.2	64 - 125
Dibromofluoromethane	89.7	23 - 172
Toluene-d8	98.5	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

Liquid

Validated by: TFULTON - 10/06/04

QC Batch ID: WMS1041004

Analysis Date: 10/4/2004

Method Blank **Method: GC-MS**

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	94.2	64 - 125
Dibromofluoromethane	94.2	23 - 172
Toluene-d8	99.7	70 - 134

Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Reviewed by: TFULTON - 10/06/04

QC Batch ID: WMS1041004

Analysis Date: 10/4/2004

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

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125	128	LCS	10/4/2004	100			65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	95.7	64 - 125
Dibromofluoromethane	92	23 - 172
Toluene-d8	100	70 - 134

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

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125	122	LCSD	10/4/2004	98	4.6	25	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	95.9	64 - 125
Dibromofluoromethane	89.8	23 - 172
Toluene-d8	101	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

Liquid

Validated by: BDHABALIA - 10/07/04

QC Batch ID: WMS1041006

Analysis Date: 10/6/2004

Method Blank **Method: GC-MS**

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

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	94.2	64 - 125
Dibromofluoromethane	91.9	23 - 172
Toluene-d8	100	70 - 134

Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Reviewed by: BDHABALIA - 10/07/04

QC Batch ID: WMS1041006

Analysis Date: 10/6/2004

LCS Method: GC-MS Conc. Units: µg/L

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125	129	LCS	10/6/2004	100			65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	97.4	64 - 125
Dibromofluoromethane	89.7	23 - 172
Toluene-d8	98.9	70 - 134

LCSD Method: GC-MS Conc. Units: µg/L

Parameter	Blank	Spike Amt	SpikeResult	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125	124	LCSD	10/6/2004	99	4.0	25	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	96.2	64 - 125
Dibromofluoromethane	87.9	23 - 172
Toluene-d8	100	70 - 134

CHAIN OF CUSTODY RECORD

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

SAMPLERS (Signature) Richard Manley (Richard Manley)

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2) TPH as gas/BTEX EPA 8260B				REMARKS
1	9/27/04	1409		✓	MW-1	4	✓	✓	40615	001	our global EDF number is T0600101013
2	"	1516		✓	MW-2	4	✓	✓		002	
3	"	1620		✓	MW-3	4	✓	✓		003	
4	"	1315		✓	MW-4	4	✓	✓		004	
5	↓	1201		✓	MW-5	4	✓	✓		005	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Receive by: (Signature)
Richard Manley	9/29/04 1200				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by (Signature)	Date / Time	Received for Laboratory by (Signature)	Date / Time	Remarks	
				Please send lab report to Frank Hamedi	

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