File No. 12-99-702-SI

0374

THIRD QUARTER OF 2005 GROUNDWATER MONITORING AND SAMPLING FOR THE PROPERTY LOCATED AT 15595 WASHINGTON AVENUE SAN LORENZO, CALIFORNIA OCTOBER 27, 2005

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

BY:
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ENVIRO SOIL TECH CONSULTANTS

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October 27, 2005

File No. 12-99-702-SI

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

SUBJECT: THIRD QUARTER OF 2005 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 15, 2005, 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 groundwater samples were collected from these wells for laboratory analyses.

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

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

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD
GENERAL MANAGER

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

VICTOR B. CHERVEN, PH.D.
PROFESSIONAL GEOLOGIST #3475

PURPOSE:

The purposes of the quarterly groundwater monitoring and sampling reported here were to define the direction of groundwater flow, assess the water quality, and map 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 contains one single story building. The underground storage tanks are located at the center portion of the property south of the pump islands. The subject property is located in an area of commercial and residential development.

BACKGROUND:

Several parties have owned or operated this service station in the past 30 years. From 1974 to 1983 it was owned and operated by the Calleri family. In 1983, the Caleris sold it to Texaco, Inc. Texaco owned the site from 1983 to 1986, but the site was not in operation during that time.. Texaco removed the existing USTs in 1986, and subsurface contamination was detected in the fuel tank excavation.

After removing the UST's and discovering the contamination, Texaco sold the property to Bertram Kubo in 1986 or 1987. Mr. Kubo installed three new 10,000-gallon fuel tanks at a new location and reopened as a retail service station. He sold the property in 1990 to the current owner, Mr. Mehdi Mohammadian, who operates the site as Shell retail service station.

Groundwater Technology (GWT) conducted a soil and groundwater investigation on behalf of Texaco in 1986. Three e monitoring wells (MW-1 to MW-3) were installed, and hydrocarbon impact to shallow groundwater was detected in these wells. Investigation was suspended at that time, and no further work took place under Mr. Kubo's ownership after he purchased the site from Texaco.

After purchasing the site in 1990 and re-sampling the three monitoring wells in 1992, Mr. Mohammadian retained Toxichem Management Systems, Inc. (TMS) in 1998 to conduct further subsurface investigation. Two additional wells (MW-4 and MW-5) were installed to the north of the three existing wells. Quarterly monitoring of all five wells began in August 1998 and has continued to the present.

ESTC continued the investigation in 2000 by drilling several new borings west and southwest of the site, in the apparent downgradient direction. Since then, ESTC has continued to monitor the five groundwater wells and re-mapped the concentrations of various analytes in the groundwater. With these data, ESTC concluded in late 2004 that the highest concentrations are located in the western portion of the site, west of the UST's that were removed in 1986. Groundwater elevation maps indicate that west is a common, if not dominant, groundwater flow direction, which explains why MW-3, which is located just west (downgradient) of the tanks where Texaco discovered contamination in 1986, is the most contaminated well. no trees

In 2004, ACHCSA-EHS requested a work plan for further site assessment, and ESTC submitted a proposal in September 2004. The plan was rejected and several revisions or modifications were requested. ESTC submitted an addendum letter in June 2005, and ESTC and ACHCSA-EHS are currently in negotiations regarding the approach and scope of work for future work

SCOPE OF PRESENT WORK:

The scope of work included in the groundwater monitoring program includes:

- Measure water depths in wells MW-1 to MW-5 and note whether petroleum sheen and/or odor are present.
- Purge the monitoring wells of standing water .
- Collect water samples from each well
- Submit 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 fuel oxygenates .
- Review results and prepare a report of the investigation.

FIELD ACTIVITIES:

On September 15, 2005, ESTC's staff monitored five monitoring wells (MW-1 to MW-5) for groundwater depth and presence of sheen and/or odor. Depth measurements and other observations were recorded on the field monitoring sheet, and are shown in Table 1. Both petroleum sheen and odor were noted in monitoring well MW-5, but no evidence of contamination was observed in any of the other wells.

After the depth to groundwater was measured, approximately four to five well volumes of water were bailed from each well in order to purge standing water from the casing and assure that water samples would be representative of surrounding groundwater. The purged water was stored on site in 55-gallon drums.

Water samples were collected after purging. A stainless steel bailer was used for sample collection. Water sampling equipment was decontaminated before and after each well was sampled, using Tri-sodium Phosphate (TSP) and water wash, followed by double rinsing. The samples were preserved in 40-milliliter glass vials sealed with Teflon-lined screw caps, labeled and placed in a cold ice chest, and then transported 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.

DEPTH TO GROUNDWATER AND FLOW DIRECTION:

The depth to groundwater on September 15 ranged from 7.74 feet (well MW-2) to 10.02 feet (well MW-5) below ground surface. This is roughly 6 inches (0.5 feet) deeper than in June. This is a typical decline for summer months in northern California.

Water elevation data from Table 1 were contoured (Figure 2) and used to determine groundwater flow direction. The water table sloped to the west on September 15, implying groundwater flow in that direction. As noted in the Background section, this has been a predominant flow direction in the past several years.

ANALYTICAL RESULTS:

Groundwater samples from monitoring wells MW-1 to MW-5 were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) per EPA Method 8015MOD; for BTEX per EPA Method 8020; and for MTBE and other gasoline oxygenates per EPA Method 8260B. The results are summarized in Tables 1 and 2, and the laboratory report is contained in Appendix "E".

Monitoring well MW-5 continues to be the most strongly impacted well. TPHg, BTEX, and MTBE concentrations are all higher in this well than in any of the others. The lowest concentrations occur in MW-2, at the opposite (southeast) end of the site, and TPHg and BTEX were all below the standard reporting limits this quarter. TPHg and MTBE were detected at intermediate concentrations in the other wells, but no BTEX compounds were detected. Hence, concentrations apparently increase in the downgradient direction (west and northwest).

One other gasoline oxygenate was detected (Table 2). Tertiary Butanol (TBA) was detected in the water samples from wells MW-1 and MW-3 through MW-5. Concentrations ranged from 12 µg/L in MW-4 to 7300 µg/L in MW-3. In contrast to MTBE, the TBA concentration was lower in MW-5 than in MW-3.

Carbon Disulfide was detected in water sample from well MW-1 at 0.74 µg/L.

EXTENT OF CONTAMINATION:

Figures 3-5 are contour maps for TPHg, Benzene, and MTBE. The maps illustrate the fact that concentrations do increase in a northwest direction, sub-parallel to the general direction of groundwater flow. Judging from the fact that the highest concentrations were detected in the most downgradient well (MW-5) near the site boundary, it is possible that the center of the groundwater plume is located northwest of the site.

DISCUSSION AND SUMMARY:

As shown in Table 1, monitoring wells MW-1, MW-2, and MW-3 are screened from 10 to 15 feet below grade, and the static water level has been as much as 2 feet above the screened interval since 1992. Despite this, light hydrocarbons (gasoline and its various component compounds) have been detected in all three wells since monitoring began. During that time, hydrocarbon concentrations have declined dramatically in these wells, and it therefore appears that the decline in concentrations is not directly related to the fact that the well screens are submerged. The screened interval in wells MW-4 and MW-5 is unknown, so whether the static water level is above the screen in these wells is uncertain. In contrast to MW-1 through MW-3, however, concentrations in MW-4 and MW-5 have not declined over time (Table 1). Instead, concentrations in MW-4 have fluctuated but generally remained within the same range, while concentrations in MW-5 have tended to increase. This tends to further suggest that the depth to groundwater has not played a particularly important role in controlling the concentrations in various wells, and suggests instead that the dissolved-phase plume has migrated to the northwest over time.

RECOMMENDATION:

Since four out of five monitoring wells detected TPHg and TBA, and all five wells detected MTBE in the water samples, ESTC recommends the continuation of quarterly monitoring and sampling of the five on-site wells. We also recommend that ACHCSA-EHS approve our September 2004 work plan as amended in June 2005 to install additional monitoring wells downgradient (north and west) of the site so that the hydrocarbon plume can be fully delineated expeditiously and a suitable remediation strategy can be developed to prevent further off-site migration.

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) for their review and comments.

LIMITATIONS:

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

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

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

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

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A P P E N D I X "A"

TABLES

ENVIRO SOIL TECH CONSULTANTS

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

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

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
7/02/02	MW-1 (23.05)	15	10	8.96*	14.14	No sheen or odor	550	ND<500	ND<500	ND<500	ND<500	13000
10/05/02				9.58*	13.47	No sheen or odor	880•	ND<250	ND<250	ND<250	ND<250	3800
1/17/03				7.72*	15.33	No sheen or odor	8200a	ND<500	ND<500	ND<500	ND<500	11000
4/17/03				8.48*	14.57	No sheen or odor	390	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1400
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
12/17/04				8.38*	14.67	No sheen or odor	160	13	15	3.2	13	34
3/21/05				7.62*	15.43	No sheen or odor	450	ND<5	ND<5	ND<5	ND<5	520
6/18/05				8.18*	14.87	No sheen or odor	270	ND<2.5	ND<2.5	ND<2.5	ND<2.5	210
9/15/05				8.84*	14.21	No sheen or odor	110	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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

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
5/24/00	MW-2 21.94 Resurveyed	15	10	7.22*	14.72	No sheen or odor	46000	ND <12500	ND <12500	ND <12500	ND <12500	180000
8/24/00				8.39*	13.55	No sheen or odor	21000	ND <2500	ND <2500	ND <2500	ND <2500	70000
11/22/00				8.24*	13.70	No sheen or odor	29000	ND <2500	ND <2500	ND <2500	ND <2500	43000
2/22/01				6.52*	15.42	No sheen or odor	20000	ND <5000	ND <5000	ND <5000	ND <5000	61000
5/29/01				7.90*	14.04	No sheen or odor	9100	ND <1000	ND <1000	ND <1000	ND <1000	24000
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
12/17/04				7.31*	14.63	No sheen or odor	160	22	25	5.1	21	86

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
3/21/05	MW-2 (21.94)	15	10	6.54*	15.40	No sheen or odor	59	1.2	3.2	0.87	4.8	63
6/18/05				7.16*	14.78	No sheen or odor	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	41
9/15/05				7.74*	14.20	No sheen or odor	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	20
8/08/96	MW-3 (N/A)	16	10	N/A	N/A	N/A	NA	ND<50	ND<50	NA	ND<50	NA
11/12/92				11.32†	N/A	N/A	69	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NA
3/24/94	22.73 (feet MSL)			8.69*	14.04	N/A	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
12/15/95				8.31*	14.42	No sheen or odor	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
8/26/98	22.74 Resurveyed			9.29*	13.45	N/A	ND <500	36	ND<5	ND<5	ND<5	99000
12/16/99				8.00*	14.74	N/A	ND <500	ND<50	ND<50	ND<50	ND<50	19800
4/06/99				8.00*	14.74	N/A	ND <1000	ND<10	ND<10	ND<10	ND<10	151000
5/24/00	22.56 Resurveyed			8.08*	14.47	No sheen or odor	48000	ND <12500	ND <12500	ND <12500	ND <12500	200000
8/24/00				9.24*	13.32	No sheen or odor	52000	ND <5000	ND <5000	ND <5000	ND <5000	170000
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

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
12/06/01	MW-3 (22.56)	16	10	8.06*	14.50	No sheen or odor	33000	ND <5000	ND <5000	ND <5000	ND <5000	94000
3/25/02	22.56 Resurveyed			7.62*	14.94	No sheen or odor	ND<50	ND <2500	ND <2500	ND <2500	ND <2500	62000
7/02/02				7.78*	14.78	No sheen or odor	73Z	ND <2000	ND <2000	ND <2000	ND <2000	67000
10/05/02				9.38*	13.18	No sheen or odor	25000•	ND <2500	ND <2500	ND <2500	ND <2500	55000
1/17/03				7.46*	15.10	No sheen or odor	32000[a]	ND <2500	ND <2500	ND <2500	ND <2500	49000
4/17/03				8.22*	14.34	No sheen or odor	ND <10000	ND<100	ND<100	ND<100	ND<100	38000
7/24/03				9.02*	13.54	No sheen or odor	16000[a]	ND <2500	ND <2500	ND <2500	ND <2500	31000
10/22/03				9.66*	12.90	No sheen or odor	17000c	ND <2500	ND <2500	ND <2500	ND <2500	29000
1/17/04				7.92*	14.64	No sheen or odor	11000d	ND <2000	ND <2000	ND <2000	ND <2000	23000
4/05/04				7.46*	15.10	No sheen or odor	13000n	ND<200	ND<200	ND<200	ND<400	22000
7/06/04				8.92*	13.64	No sheen or odor	13000e	ND<50	ND<50	ND<50	ND<100	12000
9/27/04				9.24*	13.32	No sheen or odor	4200e	ND<50	ND<50	ND<50	ND<100	6800
12/17/04				8.12*	14.44	No sheen or odor	4000c	ND<50	ND<50	ND<50	ND<50	5400
3/21/05				7.38*	15.18	No sheen or odor	3500c	ND<50	ND<50	ND<50	ND<50	6400
6/18/05				8.02*	14.54	No sheen or odor	650	ND<25	ND<25	ND<25	ND<25	700
9/15/05				8.64*	13.92	No sheen or odor	180	ND<10	ND<10	ND<10	ND<10	110

T5

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
8/26/98	MW-4 (23.51) feet MSL	19	N/A	9.87	13.64	N/A	170	2	0.74	1.3	1	150
1/26/99				8.54	14.97	N/A	140	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.6
4/06/99				8.34	15.17	N/A	390	3.94	ND<0.5	1.52	0.808	15.2
5/24/00	23.40 Resurveyed			8.72	14.68	No sheen or odor	210	ND<5	ND<5	ND<5	ND<5	40
8/24/00				9.88	13.52	No sheen or odor	160	ND<5	7.4	ND<5	ND<5	44
11/22/00				9.76	13.64	No sheen or odor	140	ND<5	ND<5	ND<5	ND<5	25
2/22/01				8.42	14.98	No sheen or odor	160	ND<5	ND<5	ND<5	ND<5	32
5/29/01				9.42	13.98	No sheen or odor	160	ND<5	ND<5	ND<5	ND<5	31
8/22/01				10.10	13.30	No sheen or odor	96	N<5	ND<5	ND<5	ND<5	28
12/06/01				8.68	14.72	No sheen or odor	160	ND<5	ND<5	ND<5	ND<5	25
3/25/02				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
12/17/04				8.88	14.52	No sheen or odor	430	62	68	13	53	42
3/21/05				8.02	15.38	No sheen or odor	71	2.3	5.1	1.2	6.9	15

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
6/18/05	MW-4 (23.40)	19	N/A	8.72	14.68	No sheen or odor	98	ND<0.5	ND<0.5	ND<0.5	ND<0.5	29
9/15/05				9.38	14.02	No sheen or odor	150	ND<0.5	ND<0.5	ND<0.5	ND<0.5	35
8/26/98	MW-5 (23.85) feet MSL	19	N/A	10.51	13.34	N/A	6600	240	ND<50	380	84	ND<250
1/26/99				10.26	13.59	N/A	371	11.7	ND<0.5	3.22	ND<0.5	36.4
4/06/99				9.32	14.53	N/A	7680	266	ND<10	280	ND<10	ND<10
5/24/00	23.86 Resurveyed			9.39	14.47	Rainbow sheen No odor	3300	180	ND<25	140	ND<25	200
8/24/00				10.54	13.32	Light rainbow sheen No odor	3200	150	ND<10	91	ND<10	300
11/22/00				10.42	13.44	No sheen Light sewerage odor	520	120	ND<25	46	ND<25	510
2/22/01				8.88	14.98	No sheen or odor	5400	100	ND<50	94	ND<50	700
5/29/01				10.08	13.78	Rainbow sheen No odor	3700	83	ND<50	58	ND<50	860
8/22/01				10.76	13.10	Light rainbow sheen No odor	5900	150	ND<10	ND<10	ND<10	1700
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[a]	ND<100	ND<100	ND<100	ND<100	2000

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
4/17/03	MW-5 (23.86)	19	N/A	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
12/17/04				9.47	14.39	Slight sheen Sewerage odor	5700	110	54	27	ND<25	4200
3/21/05				8.58	15.28	No sheen Sewerage odor	5600	60	ND<50	ND<50	ND<50	4600
6/18/05				9.32	14.54	Rainbow sheen Petroleum odor	8100	66	ND<50	ND<50	ND<50	4800
9/15/05				10.02	13.84	Rainbow sheen Petroleum odor	7600	ND<50	ND<50	ND<50	ND<50	4500

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	None Detected	<5000
8/24/00		None Detected	<2000
11/22/00		None Detected	<2500
2/22/01		None Detected	<5000
5/29/01		None Detected	<5000
8/22/01		tert-Butanol (TBA)	11000
12/06/01		None Detected	<2500
3/25/02		None Detected	830
7/02/02		None Detected	<500
10/05/02		None Detected	<250
1/17/03		tert-Butanol (TBA)	2200
4/17/03		n-Propylbenzene	3.1
7/24/03		None Detected	<100
10/22/03		None Detected	50
1/17/04		None Detected	<25
4/05/04		None Detected	<5
7/06/04		None Detected	<0.5
9/27/04		None Detected	<0.5
12/17/04		None Detected	<0.5
3/21/05		tert-Butanol (TBA)	150
6/18/05		tert-Butanol (TBA)	63
9/15/05		Carbon Disulfide tert-Butanol (TBA)	0.74 15
5/24/00	MW-2	None Detected	<12500
8/24/00		None Detected	<2500
11/22/00		None Detected	<2500
2/22/01		None Detected	<5000
5/29/01		None Detected	<1000
8/22/01		None Detected	<500
12/06/01		None Detected	<1250
3/25/02		None Detected	<830
7/02/02		None Detected	<170
10/05/02		None Detected	<250
1/17/03		tert-Butanol (TBA)	1100
4/17/03		None Detected	<5
7/24/03		None Detected	<5
10/22/03		None Detected	<50
1/17/04		tert-Butanol (TBA)	<100

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
4/05/04	MW-2	None Detected	<5
7/06/04		Non Detected	<1
9/27/04		None Detected	<0.5
12/17/04		tert-Butanol (TBA)	39
3/21/05		tert-Butanol (TBA)	30
6/18/05		tert-Butanol (TBA)	12
9/15/05		None Detected	<0.5
5/24/00	MW-3	None Detected	<12500
8/24/00		None Detected	<5000
11/22/00		None Detected	<10000
2/22/01		None Detected	<5000
5/29/01		None Detected	<2500
8/22/01		None Detected	<5000
12/06/01		None Detected	<5000
3/25/02		None Detected	<2500
7/02/02		None Detected	<2000
10/05/02		Methylene Chloride	7000
1/17/03		None Detected	<2500
4/17/03		None Detected	<100
7/24/03		None Detected	<2500
10/22/03		None Detected	<2500
1/17/04		None Detected	<2000
4/05/04		None Detected	<200
7/06/04		None Detected	<50
9/27/04		None Detected	<50
12/17/04		Tetrachloroethene	110
3/21/05		tert-Butanol (TBA)	4300
6/18/05		tert-Butanol (TBA)	9200
9/15/05		tert-Butanol (TBA)	7300
5/24/00	MW-4	None Detected	<5
8/24/00		None Detected	<5
11/22/00		None Detected	<5
2/22/01		None Detected	<5
5/29/01		None Detected	<5
8/22/01		None Detected	<5
12/06/01		None Detected	<5
3/25/02		None Detected	<5

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
7/02/02	MW-4	None Detected	<5
10/05/02		None Detected	<5
1/17/03		None Detected	<5
4/17/03		p,m-Xylenes o-Xylene Naphthalene	2 0.84 0.81
7/24/03		tert-Butanol (TBA)	11
10/22/03		None Detected	<5
1/17/04		None Detected	<5
4/05/04		None Detected	<0.5
7/06/04		None Detected	<0.5
9/27/04		None Detected	<0.5
12/17/04		1,2,4-Trimethylbenzene	6.9
3/21/05		None Detected	<0.5
6/18/05		tert-Butanol (TBA)	11
9/15/05		tert-Butanol (TBA)	12
5/24/00	MW-5	Isopopylbenzene n-Butylbenzene n-Propylbenzene Naphthalene	55 42 200 120
8/24/00		1,2,4-Trimethylbenzene Isopopylbenzene n-Butylbenzene n-Propylbenzene Naphthalene p-Isopropyltoluene sec-Butylbenzene	15 38 29 140 87 28 12
11/22/00		Isopropylbenzene n-Propylbenzene Naphthalene	31 100 37
2/22/01		n-Propylbenzene Naphthalene	160 90
5/29/01		n-Propylbenzene Naphthalene	130 64
8/22/01		n-Propylbenzene Naphthalene	230 140
12/06/01		None Detected	<50
3/25/02		Propylbenzene	180
7/02/02		Propylbenzene	240

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
10/05/02	MW-5	n-Propylbenzene Naphthalene	230 120
1/17/03		n-Propylbenzene tert-Butanol (TBA)	140 310
4/17/03		Isopropylbenzene n-Propylbenzene sec-Butylbenzene Naphthalene	71 270 21 140
7/24/03		n-Propylbenzene tert-Butanol (TBA)	400 520
10/22/03		None Detected	<500
1/17/04		None Detected	<500
4/05/04		None Detected	<50
7/06/04		Isopropylbenzene n-Propylbenzene	81 350
9/27/04		None Detected	<50
12/17/04		Tetrachloroethene	64
3/21/05		tert-Butanol (TBA)	1300
6/18/05		tert-Butanol (TBA)	1400
9/15/05		tert-Butanol (TBA)	1500

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-ST

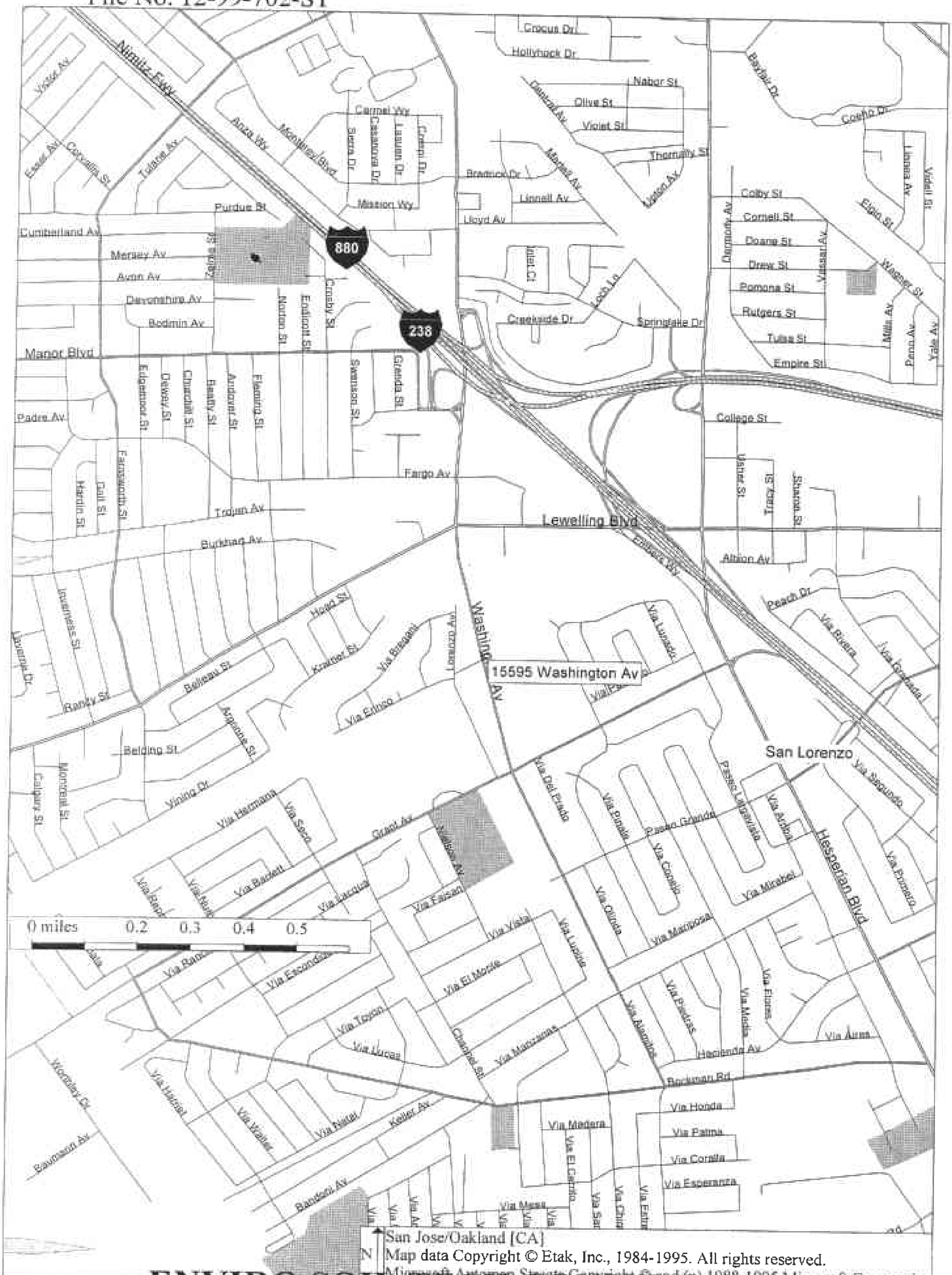

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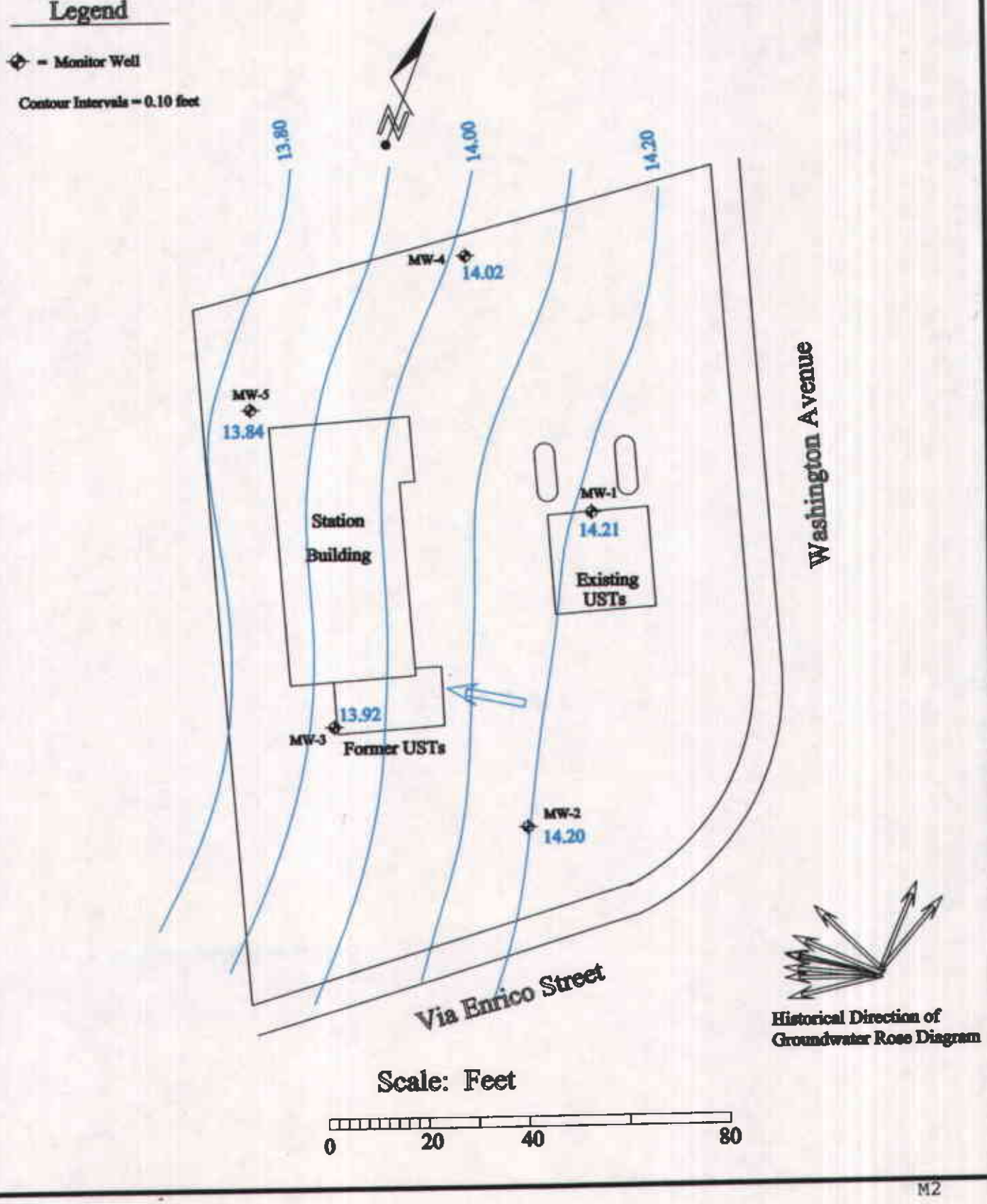
Figure 1

M1

Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 15595 Washington Avenue San Lorenzo, California PROJECT # 12-99-702-SI DATE: 10/28/2005	Figure 2 Groundwater Elevation September 15, 2005



M2

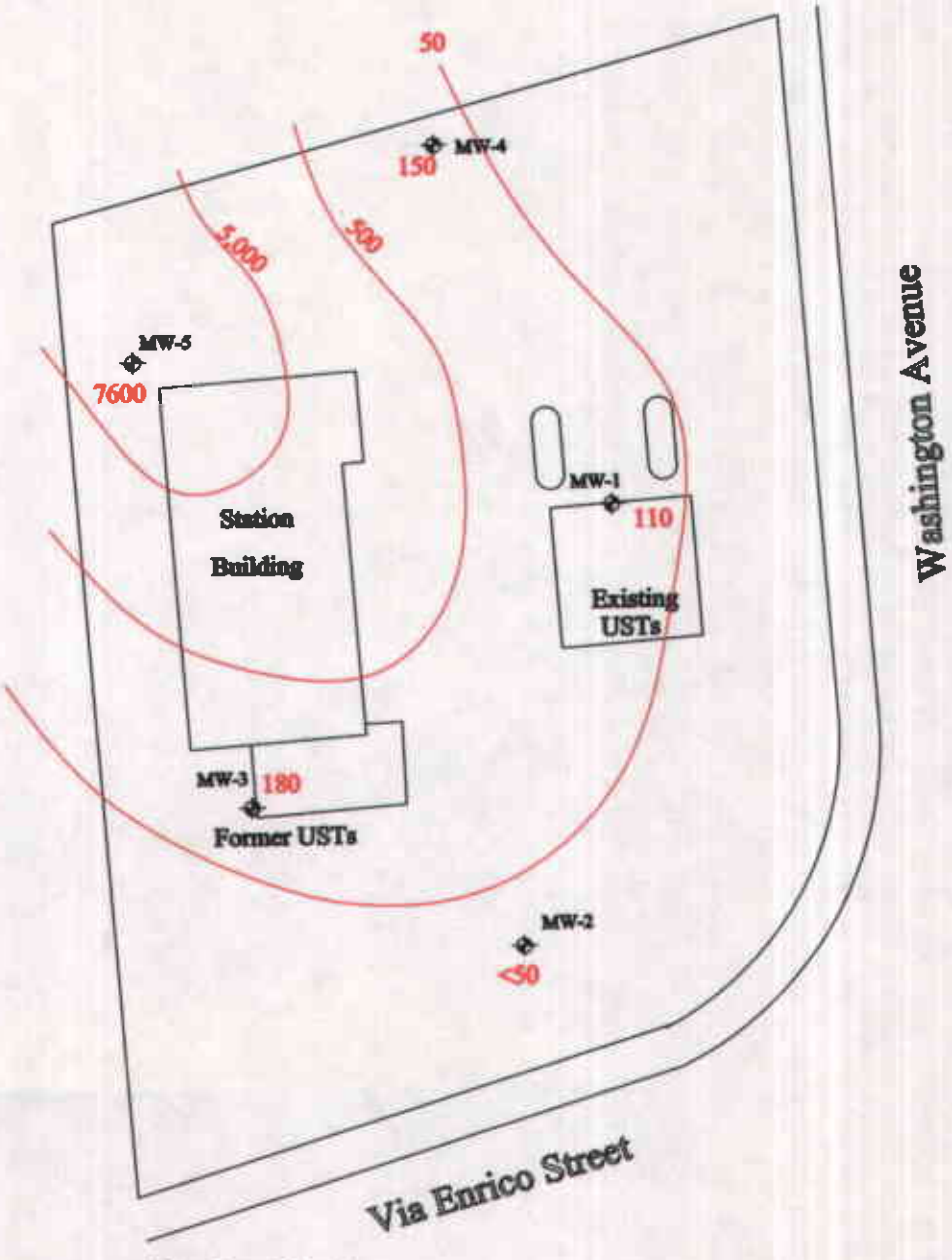
Enviro Soil Tech Consultants	PROJECT	Figure 3
131 Tully Road San Jose, CA 95112	15595 Washington Avenue San Lorenzo, California PROJECT # 12-99-702-SI DATE: 10/28/2005	Isocontours of TPH-g in Groundwater, 9/15/05

Legend

◆ = Monitor Well

Values in ug/L

Contour Intervals are Variable

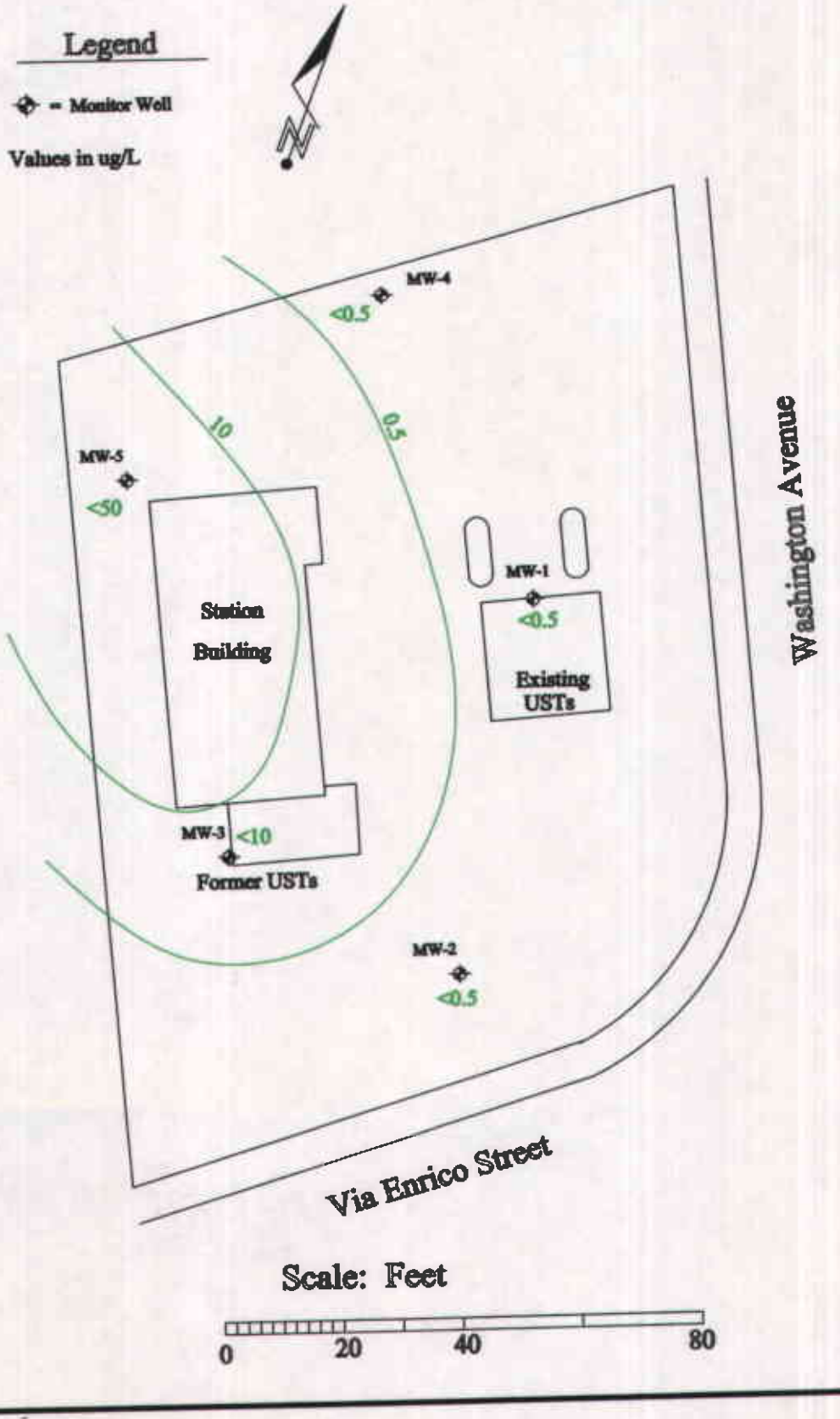


Scale: Feet

0 20 40 80

M3

Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 15595 Washington Avenue San Lorenzo, California PROJECT # 12-99-702-SI DATE: 10/28/2005	Figure 4 Isocontours of Benzene in Groundwater, 9/15/05



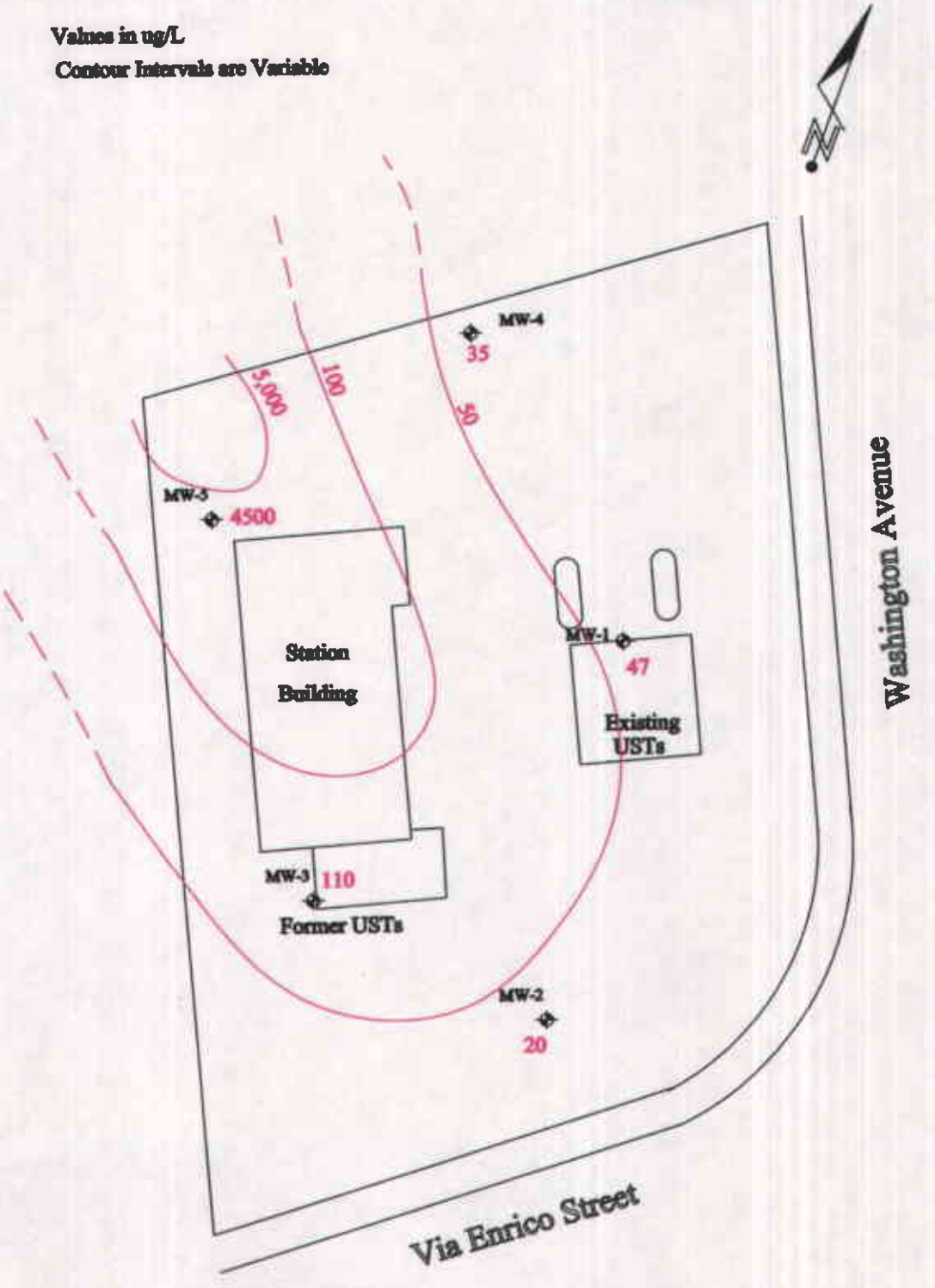
Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT 15595 Washington Avenue San Lorenzo, California PROJECT # 12-99-702-SI DATE: 10/28/2005	Figure 5 Isocontours of MTBE in Groundwater, 9/15/05

Legend

◆ = Monitor Well

Values in ug/L

Contour Intervals are Variable



Scale: Feet

0 20 40 80

M5

File No. 12-99-702-SI

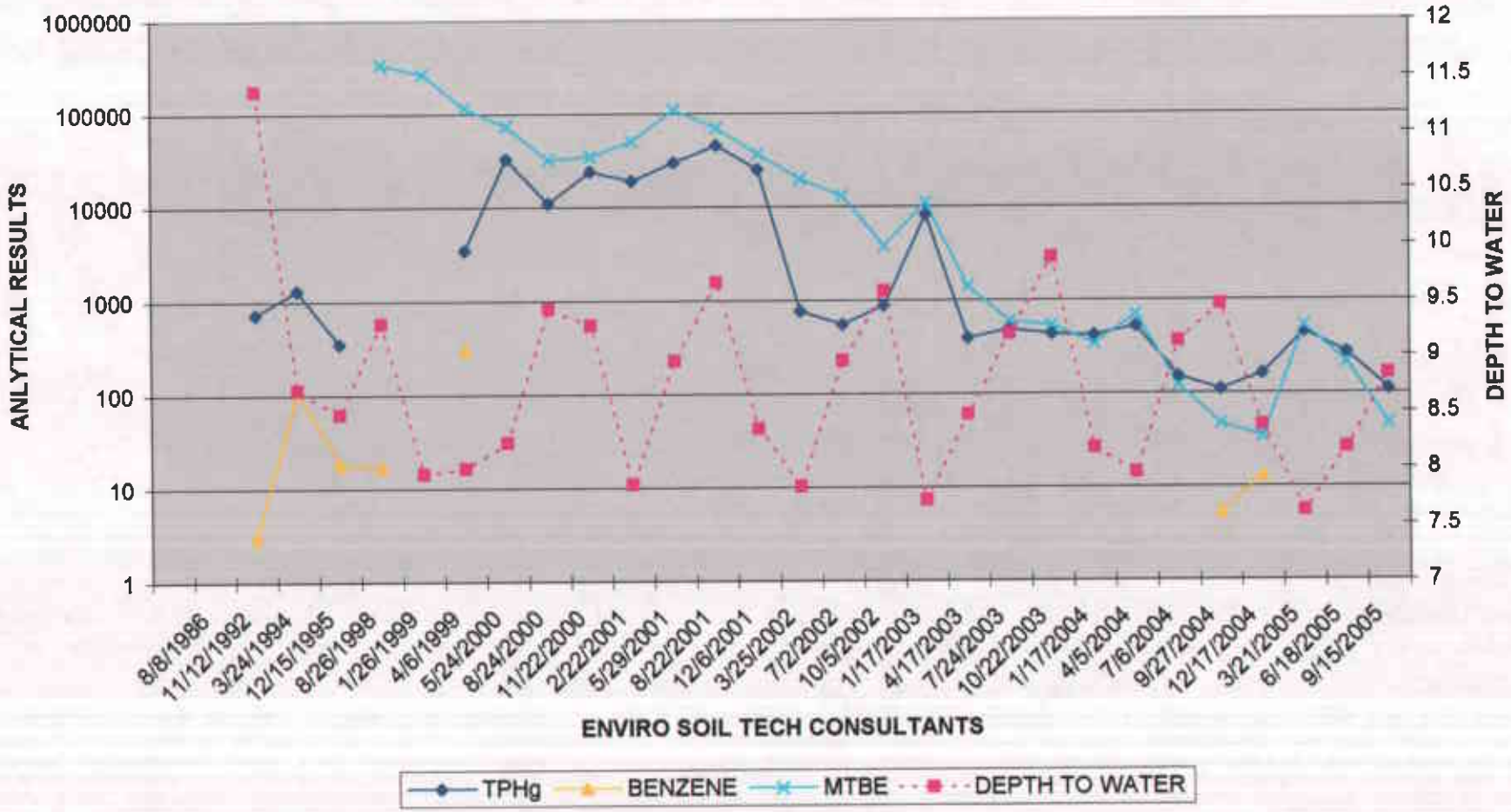
A P P E N D I X "C"

HYDROGRAPHS

ENVIRO SOIL TECH CONSULTANTS

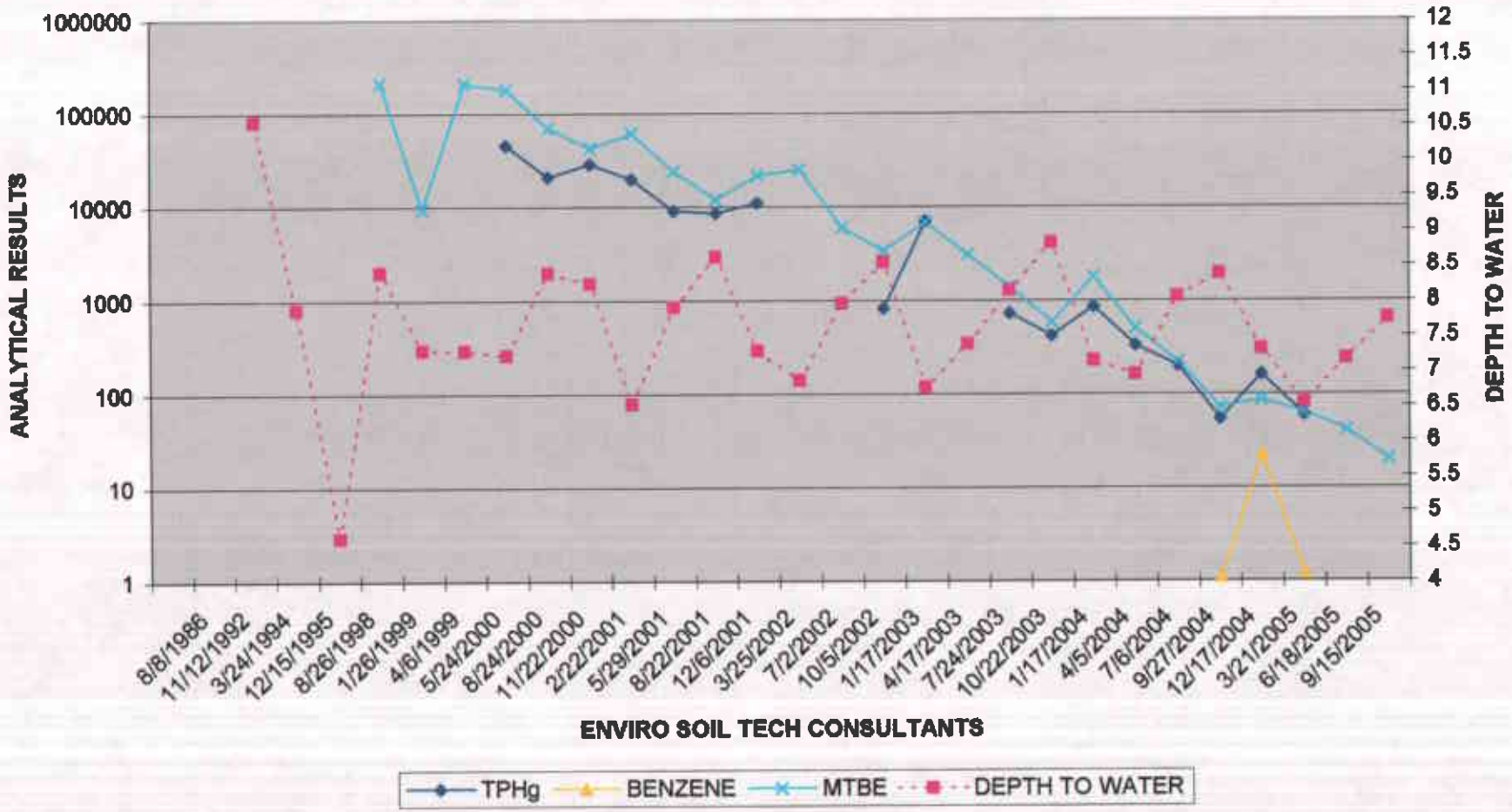
File No.: 12-99-702-SI

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



File No.: 12-99-702-SI

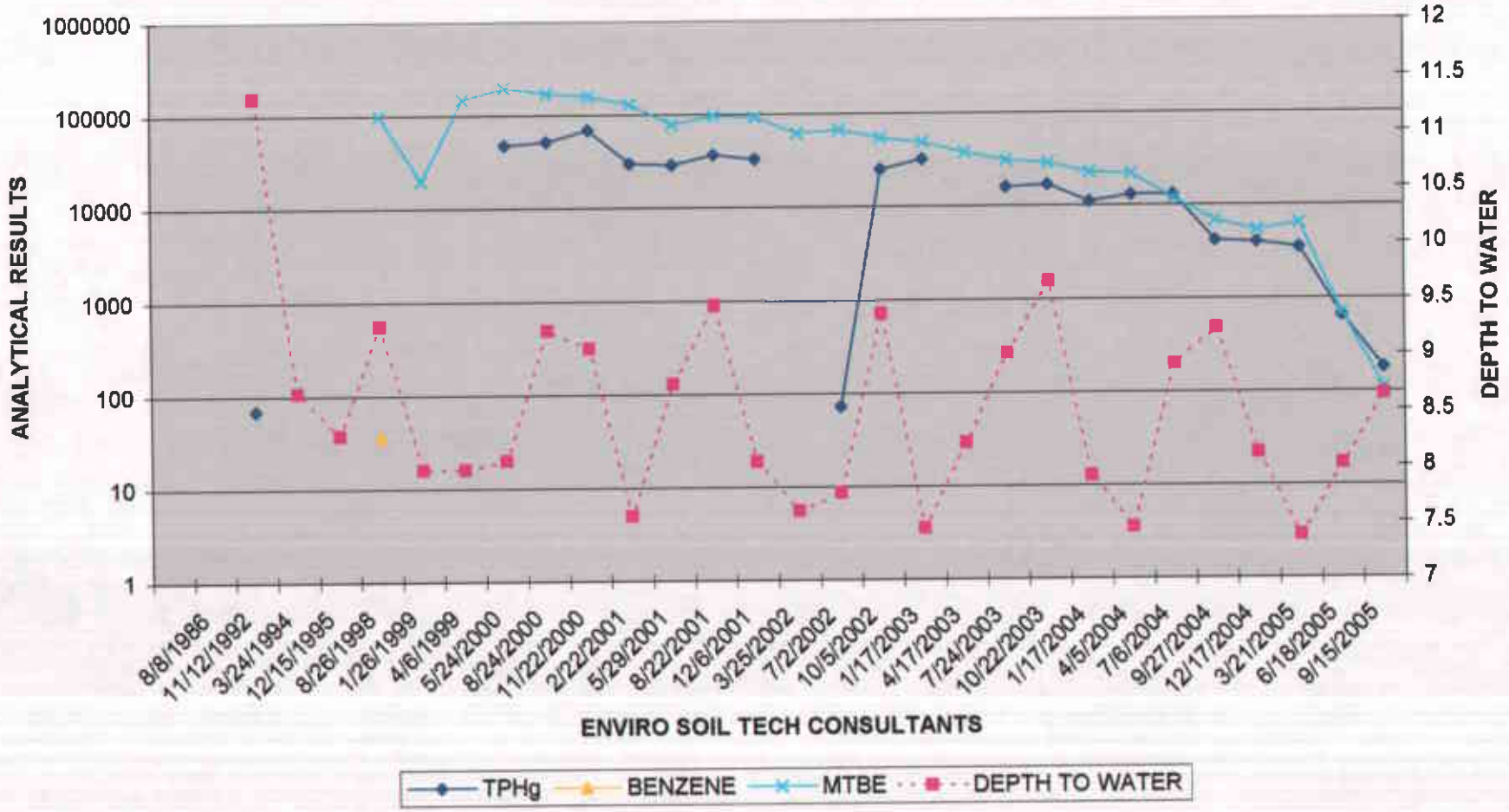
TPHg, BENZENE & MTBE RESULTS FOR MW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

File No.: 12-99-702-SI

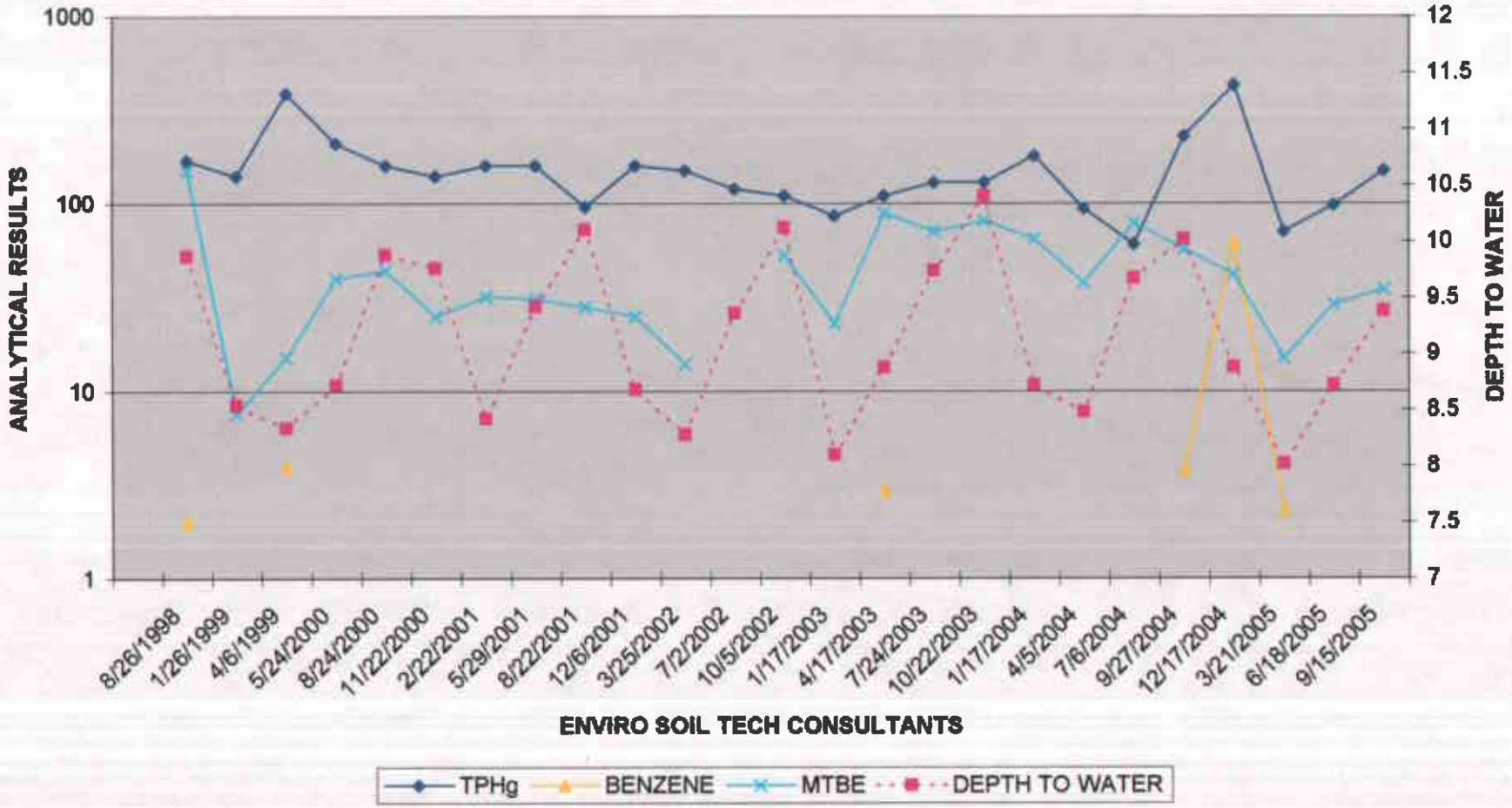
TPHg, BENZENE & MTBE RESULTS FOR MW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

File No.: 12-99-702-SI

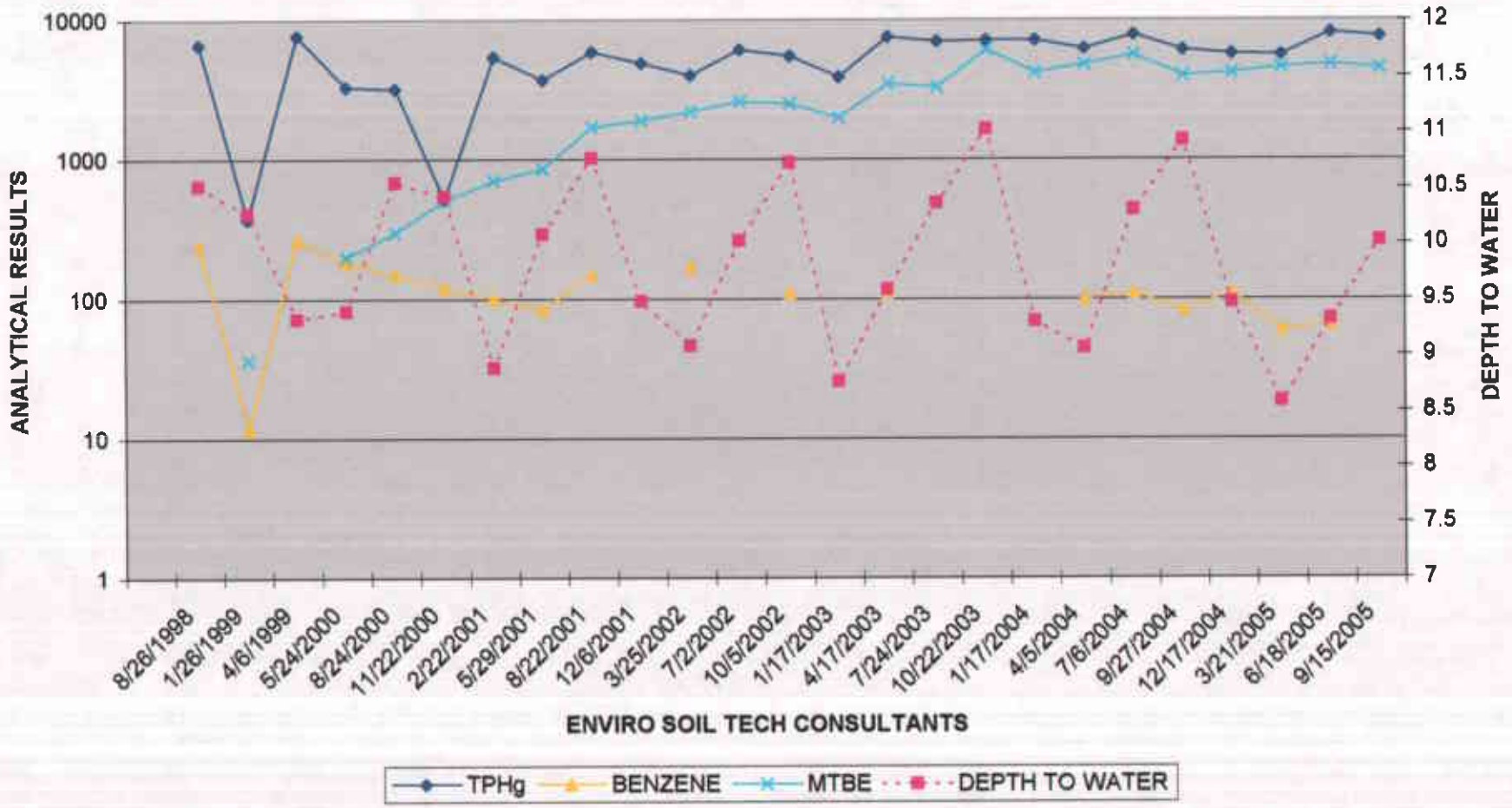
TPHg, BENZENE & MTBE RESULTS FOR MW-4 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

File No.: 12-99-702-SI

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



ENVIRO SOIL TECH CONSULTANTS

File No. 12-99-702-SI

A P P E N D I X "D"

STANDARD OPERATION PROCEDURE

ENVIRO SOIL TECH CONSULTANTS

GROUNDWATER SAMPLING

Prior to collection of groundwater samples, all of the sampling equipment (i.e. bailer, cables, bladder pump, discharge lines and etc.) was cleaned by pumping TSP water solution followed by distilled water.

Prior to purging, the well "Water Sampling Field Survey Forms" were filled out (depth to water and total depth of water column were measured and recorded). The well was then bailed or pumped to remove four to ten well volumes or until the discharged water temperature, conductivity and pH stabilized. "Stabilized" is defined as three consecutive readings within 15% of one another.

The groundwater sample was collected when the water level in the well recovered to 80% of its static level.

Forty milliliter (ml.), glass volatile organic analysis (VOA) vials with Teflon septa were used as sample containers. The groundwater sample was decanted into each VOA vial in such a manner that there was a meniscus at the top. The cap was quickly placed over the top of the vial and securely tightened. The VOA vial was then inverted and tapped to see if air bubbles were present. If none were present, the sample was labeled and refrigerated for delivery under chain-of-custody to the laboratory. The label information would include a sample identification number, job identification number, date, time, type of analysis requested, and the sampler's name.

File No. 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: 45338 - 9/29/2005 8:47:06 PM

Order Number: 45338
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI

Date Received: 09/16/2005
P.O. Number: 12-99-702-SI
Global ID: T0600101374

Certificate of Analysis - Final Report

On September 16, 2005, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Comments
Liquid	EDF	
	TPH as Gasoline	
	EPA 8260B EPA 624	

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

Certificate of Analysis - Data Report

Date Received: 9/16/2005
Project ID: 12-99-702-SI
Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Lab # : 45338-001 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 9/15/2005 10:32 AM

EPA 5030C EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	110		1.0	50	µg/L	N/A	N/A	9/21/2005	WGC4050921

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	107	65 - 135

Analyzed by: mruan
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

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

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

Certificate of Analysis - Data Report

Date Received: 9/16/2005
Project ID: 12-99-702-SI
Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Lab # : 45338-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/15/2005 11:28 AM

EPA 5030C EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/L	N/A	N/A	9/21/2005	WGC4050921

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.0	65 - 135

Analyzed by: mruan
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

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

Date Received: 9/16/2005
Project ID: 12-99-702-SI
Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-003 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/15/2005 12:33 PM

EPA 5030C EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	180		1.0	50	µg/L	N/A	N/A	9/21/2005	WGC4050921

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.3	65 - 135

Analyzed by: mruan
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
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Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-004 **Sample ID: MW-4** **Matrix:** Liquid **Sample Date:** 9/15/2005 9:29 AM

EPA 5030C EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	150		1.0	50	µg/L	N/A	N/A	9/21/2005	WGC4050921

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.6	65 - 135

Analyzed by: mruan
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
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Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/15/2005 8:31 AM

EPA 5030C EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	7600		20	1000	µg/L	N/A	N/A	9/21/2005	WGC4050921

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	129	65 - 135

Analyzed by: mruan
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
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Qual = Data Qualifier

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Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-001 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 9/15/2005 10:32 AM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2,3-Trichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/28/2005	WM1050928
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050928
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050928
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050928
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050928
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Carbon Disulfide	0.74		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928

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Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 45338-001 **Sample ID:** MW-1 **Matrix:** Liquid **Sample Date:** 9/15/2005 10:32 AM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050928
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Isopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Iodomethane	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050928
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Methyl-t-butyl Ether	47		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050928
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
tert-Butanol (TBA)	15		1.0	10	µg/L	N/A	N/A	9/28/2005	WM1050928
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050928
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
trans-1,4-Dichloro-2-butene	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050928
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050928

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.1	70 - 130
Dibromofluoromethane	116	70 - 130
Toluene-d8	108	70 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

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Project Name: 15595 Washington Ave
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P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/15/2005 11:28 AM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,3-Trichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/28/2005	WM1050927
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927

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ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/15/2005 11:28 AM

EPA 5030C EPA 8260B EPA 624 Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
clohexanone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
sopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
xachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
omethane	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
propylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050927
thyl-t-butyl Ether	20		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
ropylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
tachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
rachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
s-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
s-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
trans-1,4-Dichloro-2-butene	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050927
hloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
chlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
enes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	89.9	70 - 130
Dibromofluoromethane	120	70 - 130
Toluene-d8	105	70 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

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

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Enviro Soil Tech Consultants
131 Tully Road
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Attn: Frank Hamedi

Date Received: 9/16/2005
Project ID: 12-99-702-SI
Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-003 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/15/2005 12:33 PM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,1,2-Tetrachloroethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1,1-Trichloroethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1,2,2-Tetrachloroethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1,2-Trichloroethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1-Dichloroethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1-Dichloroethene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,1-Dichloropropene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2,3-Trichlorobenzene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2,3-Trichloropropane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2,4-Trichlorobenzene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2,4-Trimethylbenzene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dibromo-3-Chloropropane	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dibromoethane (EDB)	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dichlorobenzene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dichloroethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,2-Dichloropropane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,3,5-Trimethylbenzene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
1,3-Dichlorobenzene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,3-Dichloropropane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,4-Dichlorobenzene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
1,4-Dioxane	ND		20	1000	µg/L	N/A	N/A	9/28/2005	WM1050928
2,2-Dichloropropane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
2-Butanone (MEK)	ND		20	400	µg/L	N/A	N/A	9/28/2005	WM1050928
2-Chloroethyl-vinyl Ether	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
2-Chlorotoluene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
2-Hexanone	ND		20	400	µg/L	N/A	N/A	9/28/2005	WM1050928
4-Chlorotoluene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
4-Methyl-2-Pentanone(MIBK)	ND		20	400	µg/L	N/A	N/A	9/28/2005	WM1050928
Acetone	ND		20	400	µg/L	N/A	N/A	9/28/2005	WM1050928
Acetonitrile	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
Acrolein	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
Acrylonitrile	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
Benzene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Benzyl Chloride	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromobenzene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromochloromethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromodichloromethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromoform	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Bromomethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Carbon Disulfide	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Carbon Tetrachloride	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Chlorobenzene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Chloroethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Chloroform	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Chloromethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928

Detection Limit = Detection Limit for Reporting.
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Qual = Data Qualifier

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Attn: Frank Hamedi

Date Received: 9/16/2005
Project ID: 12-99-702-SI
Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-003 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/15/2005 12:33 PM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,2-Dichloroethene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
cis-1,3-Dichloropropene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
clohexanone	ND		20	400	µg/L	N/A	N/A	9/28/2005	WM1050928
bromochloromethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Dibromomethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Dichlorodifluoromethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
isopropyl Ether	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
Ethyl Benzene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Freon 113	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
xachlorobutadiene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
omethane	ND		20	20	µg/L	N/A	N/A	9/28/2005	WM1050928
Isopropanol	ND		20	400	µg/L	N/A	N/A	9/28/2005	WM1050928
propylbenzene	ND		20	20	µg/L	N/A	N/A	9/28/2005	WM1050928
thyl-t-butyl Ether	110		20	20	µg/L	N/A	N/A	9/28/2005	WM1050928
Methylene Chloride	ND		20	400	µg/L	N/A	N/A	9/28/2005	WM1050928
n-Butylbenzene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
ropylbenzene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
Naphthalene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
p-Isopropyltoluene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
ntachlorocthane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
-Butylbenzene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
Styrene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
-Amyl Methyl Ether	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
-Butanol (TBA)	7300		20	200	µg/L	N/A	N/A	9/28/2005	WM1050928
tert-Butyl Ethyl Ether	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
tert-Butylbenzene	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
rachloroethene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Tetrahydrofuran	ND		20	400	µg/L	N/A	N/A	9/28/2005	WM1050928
Toluene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
ns-1,2-Dichloroethene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
ns-1,3-Dichloropropene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
trans-1,4-Dichloro-2-butene	ND		20	20	µg/L	N/A	N/A	9/28/2005	WM1050928
chloroethene	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
chlorofluoromethane	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
Vinyl Acetate	ND		20	100	µg/L	N/A	N/A	9/28/2005	WM1050928
Vinyl Chloride	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928
lenes, Total	ND		20	10	µg/L	N/A	N/A	9/28/2005	WM1050928

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.6	70 - 130
Dibromofluoromethane	123	70 - 130
Toluene-d8	110	70 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

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

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Date Received: 9/16/2005
Project ID: 12-99-702-SI
Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 45338-004 **Sample ID:** MW-4 **Matrix:** Liquid **Sample Date:** 9/15/2005 9:29 AM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,3-Trichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/28/2005	WM1050927
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927

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

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P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-004 **Sample ID: MW-4** **Matrix:** Liquid **Sample Date:** 9/15/2005 9:29 AM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Isopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Iodomethane	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Methyl-t-butyl Ether	35		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Butanol (TBA)	12		1.0	10	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/28/2005	WM1050927
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
trans-1,4-Dichloro-2-butene	ND		1.0	1.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/28/2005	WM1050927
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/28/2005	WM1050927

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.0	70 - 130
Dibromofluoromethane	107	70 - 130
Toluene-d8	102	70 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

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

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

Date Received: 9/16/2005
Project ID: 12-99-702-SI
Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/15/2005 8:31 AM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
1,1,2-Tetrachloroethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1,1-Trichloroethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1,2,2-Tetrachloroethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Trichloroethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1-Dichloroethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,1-Dichloroethene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1-Dichloropropene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
2,3-Trichlorobenzene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2,3-Trichloropropane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
2,4-Trichlorobenzene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
2,4-Trimethylbenzene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dibromo-3-Chloropropane	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Dibromoethane (EDB)	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dichloroethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,2-Dichloropropane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
3,5-Trimethylbenzene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
3-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
1,3-Dichloropropane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
4-Dichlorobenzene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
4-Dioxane	ND		100	5000	µg/L	N/A	N/A	9/28/2005	WM1050927
2,2-Dichloropropane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Butanone (MEK)	ND		100	2000	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloroethyl-vinyl Ether	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Chlorotoluene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
2-Hexanone	ND		100	2000	µg/L	N/A	N/A	9/28/2005	WM1050927
4-Chlorotoluene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
4-Methyl-2-Pentanone(MIBK)	ND		100	2000	µg/L	N/A	N/A	9/28/2005	WM1050927
Acetone	ND		100	2000	µg/L	N/A	N/A	9/28/2005	WM1050927
Acetonitrile	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Acrolein	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Acrylonitrile	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Benzene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Benzyl Chloride	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromobenzene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromochloromethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromodichloromethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromoform	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Bromomethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Carbon Disulfide	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Carbon Tetrachloride	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chlorobenzene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloroethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloroform	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Chloromethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

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

Date Received: 9/16/2005
Project ID: 12-99-702-SI
Project Name: 15595 Washington Ave
GlobalID: T0600101374
P.O. Number: 12-99-702-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab # : 45338-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/15/2005 8:31 AM

EPA 5030C EPA 8260B EPA 624

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	EPA 8260B QC Batch
cis-1,2-Dichloroethene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
cis-1,3-Dichloropropene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Cyclohexanone	ND		100	2000	µg/L	N/A	N/A	9/28/2005	WM1050927
Dibromochloromethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Dibromomethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Dichlorodifluoromethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Diisopropyl Ether	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Ethyl Benzene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Freon 113	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Hexachlorobutadiene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Iodomethane	ND		100	100	µg/L	N/A	N/A	9/28/2005	WM1050927
Isopropanol	ND		100	2000	µg/L	N/A	N/A	9/28/2005	WM1050927
Isopropylbenzene	ND		100	100	µg/L	N/A	N/A	9/28/2005	WM1050927
Methyl-t-butyl Ether	4500		100	100	µg/L	N/A	N/A	9/28/2005	WM1050927
Methylene Chloride	ND		100	2000	µg/L	N/A	N/A	9/28/2005	WM1050927
n-Butylbenzene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
n-Propylbenzene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Naphthalene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
p-Isopropyltoluene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Pentachloroethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
sec-Butylbenzene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Styrene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Amyl Methyl Ether	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Butanol (TBA)	1500		100	1000	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Butyl Ethyl Ether	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
tert-Butylbenzene	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Tetrachloroethene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Tetrahydrofuran	ND		100	2000	µg/L	N/A	N/A	9/28/2005	WM1050927
Toluene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
trans-1,2-Dichloroethene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
trans-1,3-Dichloropropene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
trans-1,4-Dichloro-2-butene	ND		100	100	µg/L	N/A	N/A	9/28/2005	WM1050927
Trichloroethene	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Trichlorofluoromethane	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Vinyl Acetate	ND		100	500	µg/L	N/A	N/A	9/28/2005	WM1050927
Vinyl Chloride	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927
Xylenes, Total	ND		100	50	µg/L	N/A	N/A	9/28/2005	WM1050927

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	85.6	70 - 130
Dibromofluoromethane	110	70 - 130
Toluene-d8	107	70 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

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Method Blank - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WM1050927

Validated by: MaiChiTu - 09/28/05

QC Batch Analysis Date: 9/27/2005

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,1-Trichloroethane	ND	1	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,2-Trichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethene	ND	1	0.50	µg/L
1,1-Dichloropropene	ND	1	0.50	µg/L
1,2,3-Trichlorobenzene	ND	1	5.0	µg/L
1,2,3-Trichloropropane	ND	1	0.50	µg/L
1,2,4-Trichlorobenzene	ND	1	5.0	µg/L
1,2,4-Trimethylbenzene	ND	1	5.0	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5.0	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichlorobenzene	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
1,2-Dichloropropane	ND	1	0.50	µg/L
1,3,5-Trimethylbenzene	ND	1	5.0	µg/L
1,3-Dichlorobenzene	ND	1	0.50	µg/L
1,3-Dichloropropane	ND	1	0.50	µg/L
1,4-Dichlorobenzene	ND	1	0.50	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.50	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5.0	µg/L
2-Chlorotoluene	ND	1	5.0	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5.0	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5.0	µg/L
Acrolein	ND	1	5.0	µg/L
Acrylonitrile	ND	1	5.0	µg/L
Benzene	ND	1	0.50	µg/L
Benzyl Chloride	ND	1	5.0	µg/L
Bromobenzene	ND	1	0.50	µg/L
Bromochloromethane	ND	1	0.50	µg/L
Bromodichloromethane	ND	1	0.50	µg/L
Bromoform	ND	1	0.50	µg/L
Bromomethane	ND	1	0.50	µg/L
Carbon Disulfide	ND	1	0.50	µg/L
Carbon Tetrachloride	ND	1	0.50	µg/L
Chlorobenzene	ND	1	0.50	µg/L
Chloroethane	ND	1	0.50	µg/L
Chloroform	ND	1	0.50	µg/L
Chloromethane	ND	1	0.50	µg/L
cis-1,2-Dichloroethene	ND	1	0.50	µg/L
cis-1,3-Dichloropropene	ND	1	0.50	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.50	µg/L
Dibromomethane	ND	1	0.50	µg/L
Dichlorodifluoromethane	ND	1	0.50	µg/L

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Method Blank - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WM1050927

Validated by: MaiChiTu - 09/28/05

QC Batch Analysis Date: 9/27/2005

Parameter	Result	DF	PQLR	Units
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Freon 113	ND	1	5.0	µg/L
Hexachlorobutadiene	ND	1	5.0	µg/L
Iodomethane	ND	1	1.0	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1.0	µg/L
Methylene Chloride	ND	1	20	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Naphthalene	ND	1	5.0	µg/L
n-Butylbenzene	ND	1	5.0	µg/L
n-Propylbenzene	ND	1	5.0	µg/L
Pentachloroethane	ND	1	0.50	µg/L
p-Isopropyltoluene	ND	1	5.0	µg/L
sec-Butylbenzene	ND	1	5.0	µg/L
Styrene	ND	1	0.50	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
tert-Butylbenzene	ND	1	5.0	µg/L
Tetrachloroethene	ND	1	0.50	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.50	µg/L
trans-1,2-Dichloroethene	ND	1	0.50	µg/L
trans-1,3-Dichloropropene	ND	1	0.50	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1.0	µg/L
Trichloroethene	ND	1	0.50	µg/L
Trichlorofluoromethane	ND	1	0.50	µg/L
Vinyl Acetate	ND	1	5.0	µg/L
Vinyl Chloride	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	85.2	70 - 125
Dibromofluoromethane	121	70 - 125
Toluene-d8	106	70 - 125

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Laboratory Control Sample / Duplicate - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WM1050927

Reviewed by: MaiChiTu - 09/28/05

QC Batch ID Analysis Date: 9/27/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.9	µg/L	89.5	70 - 130
Benzene	<0.50	20	20.1	µg/L	100	70 - 130
Chlorobenzene	<0.50	20	21.5	µg/L	108	70 - 130
Methyl-t-butyl Ether	<1.0	20	17.1	µg/L	85.5	70 - 130
Toluene	<0.50	20	20.4	µg/L	102	70 - 130
Trichloroethene	<0.50	20	20.9	µg/L	104	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**79.2**	70 - 130
Dibromofluoromethane	**101**	70 - 130
Toluene-d8	**92**	70 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	17.4	µg/L	87.0	**2.8**	25.0	70 - 130
Benzene	<0.50	20	20.0	µg/L	100	**0.50**	25.0	70 - 130
Chlorobenzene	<0.50	20	21.1	µg/L	106	**1.9**	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	18.4	µg/L	92.0	**7.3**	25.0	70 - 130
Toluene	<0.50	20	19.9	µg/L	99.5	**2.5**	25.0	70 - 130
Trichloroethene	<0.50	20	19.9	µg/L	99.5	**4.9**	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**81.4**	70 - 130
Dibromofluoromethane	**99.8**	70 - 130
Toluene-d8	**92.7**	70 - 130

Entech Analytical Labs, Inc.

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Matrix Spike / Matrix Spike Duplicate - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WM1050927

Reviewed by: MaiChiTu - 09/28/05

QC Batch ID Analysis Date: 9/27/2005

MS Sample Spiked: 45305-022

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
1,1-Dichloroethene	ND	20	18.6	µg/L	9/27/2005	93.0	70 - 130
Benzene	ND	20	20.4	µg/L	9/27/2005	102	70 - 130
Chlorobenzene	ND	20	20.4	µg/L	9/27/2005	102	70 - 130
Methyl-t-butyl Ether	ND	20	20.5	µg/L	9/27/2005	102	70 - 130
Toluene	ND	20	21.0	µg/L	9/27/2005	105	70 - 130
Trichloroethene	ND	20	18.5	µg/L	9/27/2005	92.5	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**76.4**	70 - 130
Bromofluoromethane	**109**	70 - 130
Toluene-d8	**101**	70 - 130

MSD Sample Spiked: 45305-022

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	ND	20	18.4	µg/L	9/27/2005	92.0	1.1	25.0	70 - 130
Benzene	ND	20	19.9	µg/L	9/27/2005	99.5	2.5	25.0	70 - 130
Chlorobenzene	ND	20	20.6	µg/L	9/27/2005	103	0.98	25.0	70 - 130
Methyl-t-butyl Ether	ND	20	19.0	µg/L	9/27/2005	95.0	7.6	25.0	70 - 130
Toluene	ND	20	19.9	µg/L	9/27/2005	99.5	5.4	25.0	70 - 130
Trichloroethene	ND	20	19.0	µg/L	9/27/2005	95.0	2.7	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**79.2**	70 - 130
Bromofluoromethane	**107**	70 - 130
Toluene-d8	**95.4**	70 - 130

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WM1050928

Validated by: MaiChiTu - 09/29/05

QC Batch Analysis Date: 9/28/2005

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,1-Trichloroethane	ND	1	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,2-Trichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethene	ND	1	0.50	µg/L
1,1-Dichloropropene	ND	1	0.50	µg/L
1,2,3-Trichlorobenzene	ND	1	5.0	µg/L
1,2,3-Trichloropropane	ND	1	0.50	µg/L
1,2,4-Trichlorobenzene	ND	1	5.0	µg/L
1,2,4-Trimethylbenzene	ND	1	5.0	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5.0	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichlorobenzene	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
1,2-Dichloropropane	ND	1	0.50	µg/L
1,3,5-Trimethylbenzene	ND	1	5.0	µg/L
1,3-Dichlorobenzene	ND	1	0.50	µg/L
1,3-Dichloropropane	ND	1	0.50	µg/L
1,4-Dichlorobenzene	ND	1	0.50	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.50	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5.0	µg/L
2-Chlorotoluene	ND	1	5.0	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5.0	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5.0	µg/L
Acrolein	ND	1	5.0	µg/L
Acrylonitrile	ND	1	5.0	µg/L
Benzene	ND	1	0.50	µg/L
Benzyl Chloride	ND	1	5.0	µg/L
Bromobenzene	ND	1	0.50	µg/L
Bromochloromethane	ND	1	0.50	µg/L
Bromodichloromethane	ND	1	0.50	µg/L
Bromoform	ND	1	0.50	µg/L
Bromomethane	ND	1	0.50	µg/L
Carbon Disulfide	ND	1	0.50	µg/L
Carbon Tetrachloride	ND	1	0.50	µg/L
Chlorobenzene	ND	1	0.50	µg/L
Chloroethane	ND	1	0.50	µg/L
Chloroform	ND	1	0.50	µg/L
Chloromethane	ND	1	0.50	µg/L
cis-1,2-Dichloroethene	ND	1	0.50	µg/L
cis-1,3-Dichloropropene	ND	1	0.50	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.50	µg/L
Dibromomethane	ND	1	0.50	µg/L
Dichlorodifluoromethane	ND	1	0.50	µg/L

Entech Analytical Labs, Inc.

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

Method Blank - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WM1050928

Validated by: MaiChiTu - 09/29/05

QC Batch Analysis Date: 9/28/2005

Parameter	Result	DF	PQLR	Units
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Freon 113	ND	1	5.0	µg/L
Hexachlorobutadiene	ND	1	5.0	µg/L
Iodomethane	ND	1	1.0	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1.0	µg/L
Methylene Chloride	ND	1	20	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Naphthalene	ND	1	5.0	µg/L
n-Butylbenzene	ND	1	5.0	µg/L
n-Propylbenzene	ND	1	5.0	µg/L
Pentachloroethane	ND	1	0.50	µg/L
p-Isopropyltoluene	ND	1	5.0	µg/L
sec-Butylbenzene	ND	1	5.0	µg/L
Styrene	ND	1	0.50	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
tert-Butylbenzene	ND	1	5.0	µg/L
Tetrachloroethene	ND	1	0.50	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.50	µg/L
trans-1,2-Dichloroethene	ND	1	0.50	µg/L
trans-1,3-Dichloropropene	ND	1	0.50	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1.0	µg/L
Trichloroethene	ND	1	0.50	µg/L
Trichlorofluoromethane	ND	1	0.50	µg/L
Vinyl Acetate	ND	1	5.0	µg/L
Vinyl Chloride	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	94.7	70 - 125
Dibromofluoromethane	120	70 - 125
Toluene-d8	108	70 - 125

Entech Analytical Labs, Inc.

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

Laboratory Control Sample / Duplicate - Liquid - EPA 8260B - EPA 8260B

QC Batch ID: WM1050928 Reviewed by: MaiChiTu - 09/29/05

QC Batch ID Analysis Date: 9/28/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.3	µg/L	91.5	70 - 130
Benzene	<0.50	20	20.2	µg/L	101	70 - 130
Chlorobenzene	<0.50	20	20.8	µg/L	104	70 - 130
Methyl-t-butyl Ether	<1.0	20	18.5	µg/L	92.5	70 - 130
Toluene	<0.50	20	20.2	µg/L	101	70 - 130
Trichloroethene	<0.50	20	20.6	µg/L	103	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	86.9	70 - 130
Dibromofluoromethane	102	70 - 130
Toluene-d8	94.6	70 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	18.5	µg/L	92.5	1.1	25.0	70 - 130
Benzene	<0.50	20	21.0	µg/L	105	3.9	25.0	70 - 130
Chlorobenzene	<0.50	20	22.4	µg/L	112	7.4	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	19.6	µg/L	98.0	5.8	25.0	70 - 130
Toluene	<0.50	20	21.3	µg/L	106	5.3	25.0	70 - 130
Trichloroethene	<0.50	20	21.7	µg/L	108	5.2	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	86.6	70 - 130
Dibromofluoromethane	104	70 - 130
Toluene-d8	94.9	70 - 130

Intech Analytical Labs, Inc.

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

Laboratory Control Sample / Duplicate - Liquid - EPA 8015 MOD. (Purgeable) - TPH as Gasoline

QC Batch ID: WGC4050921 Reviewed by: TFulton - 09/23/05

QC Batch ID Analysis Date: 9/21/2005

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	252	µg/L	101	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	103	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	240	µg/L	96.0	4.9	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	92	65 - 135

Entech Analytical Labs, Inc.

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

Matrix Spike / Matrix Spike Duplicate - Liquid - EPA 8015 MOD. (Purgeable) - TPH as Gasoline

QC Batch ID: WGC4050921

Reviewed by: TFulton - 09/23/05

QC Batch ID Analysis Date: 9/21/2005

MS Sample Spiked: 45392-003

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
TPH as Gasoline	ND	250	246	µg/L	9/21/2005	98.4	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	101	65 - 135

MSD Sample Spiked: 45392-003

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	ND	250	246	µg/L	9/21/2005	98.4	0.0	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	102	65 - 135

CHAIN OF CUSTODY RECORD

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

SAMPLERS: *(Signature)* [signature]

Analyses requested (2): TPHg by 8015; EPA 8260B*

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	TPHg by 8015	EPA 8260B*				REMARKS
1	9/15/05	10:32		✓	MW-1	4	✓	✓	45338-001			EDF # T0600101374
2	↓	11:28		✓	MW-2	4	✓	✓	002			
3	↓	12:35		✓	MW-3	4	✓	✓	003			
4	↓	9:29		✓	MW-4	4	✓	✓	004			* Full lists
5	↓	8:31		✓	MW-5	4	✓	✓	005			

All vials are HCL preserved

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
[signature]	9/16/05 1530	[signature]			
[signature]	9/16/05 1600	[signature]			
		Received for Laboratory by: *(Signature)*	Date / Time		

Remarks: Please send lab report to Frank Hamedi

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

File No. 12-99-702-SI

A P P E N D I X "F"

FIELD NOTES

ENVIRO SOIL TECH CONSULTANTS

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Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 12-99-702-SI

WELL NO.: MW-1

DATE: 9-15-05

SAMPLER: Richard Mandel

DEPTH TO WELL: _____

1 WELL VOLUME: 1.01

DEPTH TO WATER: 8ft .84

5 WELL VOLUME: 5.05

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 6.16

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	3 gal	7.46	22.6	555
	6 gal	7.27	22.8	568
	9 gal	7.31	22.5	566

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 12-99-702-ST

WELL NO.: MW-2

DATE: 9-15-05

SAMPLER: Rudul Manly

DEPTH TO WELL: _____

1 WELL VOLUME: 1.18

DEPTH TO WATER: 7ft .74

5 WELL VOLUME: 5.9

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 7.26

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
_____	3gal	7.40	24.7	480
_____	6gal	7.32	24.3	497
_____	9gal	7.34	24.0	504
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

ENVIRO SOIL TECH CONSULTANTS

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

FILE NO.: 12-99-702-ST
WELL NO.: MW-3
DATE: 9-15-05
SAMPLER: Rachel Mendez
DEPTH TO WELL: _____
1 WELL VOLUME: 1.2
DEPTH TO WATER: 84.64
5 WELL VOLUME: 6
HEIGHT OF WATER COLUMN: _____
ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 7.36

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	3 gal	7.44	22.8	549
	6 gal	7.29	22.1	599
	9 gal	7.24	21.7	613

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 12-99-702-SI

WELL NO.: MW-4

DATE: 9-15-05

SAMPLER: Richard Manley

DEPTH TO WELL: _____

1 WELL VOLUME: 1.57

DEPTH TO WATER: 9ft .38

5 WELL VOLUME: 7.85

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 9.62

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	3gal	7.36	23.5	649
	6gal	7.32	23.1	681
	9gal	7.28	22.5	678

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

FILE NO.: 12-99-702-ST WELL NO.: MW-5

DATE: 9-15-05 SAMPLER: Richard Marks

DEPTH TO WELL: _____ 1 WELL VOLUME: 1.47

DEPTH TO WATER: 10.02 5 WELL VOLUME: 7.35

HEIGHT OF WATER COLUMN: _____ ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 8.98

4" - 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: _____ NO ✓ YES, DESCRIBE: Rainbow

ODOR: _____ NO ✓ YES, DESCRIBE: Petro

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	3gal	7.27	20.5	722
	6gal	7.24	20.0	733
	9gal	7.22	19.9	736


ENVIRO SOIL TECH CONSULTANTS
CHRISTMAS PARTY
We Cordially invite you to Join us in celebrating the Christmas Holiday.
Location: Rosewater Hall
1180 Murphy Avenue
San Jose CA 95131
408-436-1571
Date: Friday, December 16, 2005
Time: 6:00 pm.-12:30 am
Please RSVP By:
Thursday Dec, 8, 2005
Ph. # 408-297-1500

★ Map for: 1180 Murphy Ave San Jose, CA 95131-2418