File No. 12-99-702-SI

QUARTERLY GROUNDWATER MONITORING AND SAMPLING FOR THE PROPERTY LOCATED AT 15595 WASHINGTON AVENUE SAN LORENZO, CALIFORNIA SEPTEMBER 5, 2001

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

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

ENVIRO SOIL TECH CONSULTANTS

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ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

September 5, 2001

File No. 12-99-702-SI

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

SUBJECT: QUARTERLY GROUNDWATER MONITORING AND SAMPLING FOR THE PROPERTY
Located at 15595 Washington Avenue, in San Lorenzo, California

Dear Mr. Mohammadian:

This report presents the results of quarterly groundwater monitoring and sampling conducted by Enviro Soil Tech Consultants (ESTC), on August 22, 2001, 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 were collected from these wells for laboratory analyses.

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

PURPOSE:

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

SITE DESCRIPTION:

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

BACKGROUND:

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

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

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

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

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

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

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

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

SCOPE OF PRESENT WORK:

The scope of present work are as follow:

- Monitor wells MW-1 to MW-5 for presence of any sheen and/or odor and measure the depth-to-water table.
- Purge the monitoring wells prior to sampling.
- Sample monitoring wells MW-1 to MW-5.
- Submit water samples to a state-certified laboratory for chemical analyses of Total Petroleum Hydrocarbons as gasoline (TPHg) and petroleum hydrocarbons constituents per EPA Method 8260B.
- Review results and prepare a report of the investigation.

FIELD ACTIVITIES:

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

GROUNDWATER MONITORING:

On August 22, 2001, ESTC's staff monitored five monitoring wells (MW-1 to MW-5) for groundwater depth and presence of sheen and/or odor. No sheen or odor were detected in monitoring wells MW-1 through MW-4 during field inspection. Only light rainbow sheen was detected in monitoring well MW-5. The shallow groundwater table

depths ranged from 8.62 feet (well MW-2) to 10.76 feet (well MW-5) below ground surface. Table 1 summarizes the depth to groundwater measurements and the field observations made.

GROUNDWATER SAMPLING:

Following the monitoring of the groundwater, in order to assure the samples were representative of surrounding groundwater, approximately four to five well volumes of water was purged from each well using a bailer before the sample was collected. A stainless steel bailer was used for sample collection. Water sampling equipment was decontaminated before and after each well sampling using Tri-sodium Phosphate (TSP) and water wash, followed by double rinsing. Groundwater samples were collected in 40 milliliter glass vials sealed with Teflon-lined screw caps, labeled and placed in a cold ice chest. Groundwater samples were submitted to Entech Analytical Labs, a state-certified laboratory, with proper chain-of-custody for analyses. The sampling was conducted in accordance with ESTC's Standard Operation Procedures (Appendix "C") and ACHCSA-EHS guidelines.

GROUNDWATER FLOW:

Water elevation data were used to determine groundwater flow direction. Table 1 summarizes the groundwater elevations. The groundwater flow direction beneath the site was in a westerly direction as of August 22, 2001 (Figure 2).

ANALYTICAL RESULTS:

Groundwater samples from monitoring wells MW-1 to MW-5 were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) per EPA methods 5030/8015 and petroleum hydrocarbons constituents per EPA Method 8260B.

Groundwater samples from monitoring well MW-1 detected levels of TPHg at 46000 micrograms per liter (µg/L) and MTBE at 70000 µg/L. Water sample from monitoring well MW-2 detected levels of TPHg at 8700 µg/L and MTBE at 12000 µg/L. Water sample from monitoring well MW-3 detected levels of TPHg at 37000 µg/L and MTBE at 98000 µg/L. Groundwater sample from monitoring well MW-4 detected levels of TPHg at 96 µg/L and MTBE at 28 µg/L. Groundwater sample from well MW-5 detected levels of TPHg at 5900 µg/L; Benzene at 150 µg/L and MTBE at 1700 µg/L. Toluene, Ethylbenzene and Total Xylenes concentrations were non-detectable in water sample from well MW-5. Water sample from monitoring wells MW-1 to MW-4 detected BTEX concentrations below laboratory detection limit. All five monitoring wells detected some of petroleum hydrocarbons constituents in the groundwater samples.

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

SUMMARY:

All five wells detected levels of TPHg and MTBE in the water samples. Only one out of five wells detected level of Benzene in the water sample. The depth to groundwater ranging from 8.62 feet to a maximum of 10.76 feet.

RECOMMENDATION:

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

LIMITATIONS:

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

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

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

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

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

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD
GENERAL MANAGER

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

File No. 12-99-702-SI

A P P E N D I X "A"

ENVIRO SOIL TECH CONSULTANTS

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
8/08/86	MW-2 (N/A)	15	10	N/A	N/A	N/A	NA	ND<50	ND<50	NA	ND<50	NA

T1

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
11/12/92	MW-2 (N/A)	15	10	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	15	10	8.40	13.67	N/A	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	210000
1/26/99				7.29	14.78	N/A	ND <2000	ND<20	ND<20	ND<20	ND<20	9450
4/06/99				7.28	14.79	N/A	ND <1000	ND<10	ND<10	ND<10	ND<10	209000
5/24/00	21.94 Resurveyed			7.22	14.72	No sheen or odor	46000	ND <12500	ND <12500	ND <12500	ND <12500	180000
8/24/00				8.39	13.55	No sheen or odor	21000	ND <2500	ND <2500	ND <2500	ND <2500	70000
11/22/00				8.24	13.70	No sheen or odor	29000	ND <2500	ND <2500	ND <2500	ND <2500	43000
2/22/01				6.52	15.42	No sheen or odor	20000	ND <5000	ND <5000	ND <5000	ND <5000	61000
5/29/01				7.90	14.04	No sheen or odor	9100	ND <1000	ND <1000	ND <1000	ND <1000	24000
8/22/01				8.62	13.32	No sheen or odor	8700	ND<500	ND<500	ND<500	ND<500	12000
8/08/86	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<0.5	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

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
12/15/95	MW-3 (22.73)	16	10	8.31	14.42	No sheen or odor	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
8/26/98	22.74 Resurveyed			9.29	13.45	N/A	ND <500	36	ND<5	ND<5	ND<5	99000
12/16/99				8.00	14.74	N/A	ND <500	ND<50	ND<50	ND<50	ND<50	19800
4/06/99				8.00	14.74	N/A	ND <1000	ND<10	ND<10	ND<10	ND<10	151000
5/24/00	22.56 Resurveyed			8.08	14.47	No sheen or odor	48000	ND <12500	ND <12500	ND <12500	ND <12500	200000
8/24/00				9.24	13.32	No sheen or odor	52000	ND <5000	ND <5000	ND <5000	ND <5000	170000
11/22/00				9.08	13.48	No sheen or odor	69000	ND <10000	ND <10000	ND <10000	ND <10000	160000
2/22/01				7.58	14.98	No sheen or odor	30000	ND <5000	ND <5000	ND <5000	ND <5000	130000
5/29/01				8.76	13.80	No sheen or odor	29000	ND <2500	ND <2500	ND <2500	ND <2500	78000
8/22/01				9.46	13.10	No sheen or odor	37000	ND <5000	ND <5000	ND <5000	ND <5000	98000
8/26/98	MW-4 (23.51) feet MSL	19	N/A	9.87	13.64	N/A	170	2	0.74	1.3	1	150
1/26/99				8.54	14.97	N/A	140	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.6
4/06/99				8.34	15.17	N/A	390	3.94	ND<0.5	1.52	0.808	15.2
5/24/00	23.40 Resurveyed			8.72	14.68	No sheen or odor	210	ND<5	ND<5	ND<5	ND<5	40

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
8/24/00	MW-4 (23.40)	19	N/A	9.88	13.52	No Sheen or odor	160	ND<5	7.4	ND<5	ND<5	44
11/22/00				9.76	13.64	No sheen or odor	140	ND<5	ND<5	ND<5	ND<5	25
2/22/01				8.42	14.98	No sheen or odor	160	ND<5	ND<5	ND<5	ND<5	32
5/29/01				9.42	13.98	No sheen or odor	160	ND<5	ND<5	ND<5	ND<5	31
8/22/01				10.10	13.30	No sheen or odor	96	ND<5	ND<5	ND<5	ND<5	28
8/26/98	MW-5 (23.85) feet MSL	19	N/A	10.51	13.34	N/A	6600	240	ND<50	380	84	ND<250
1/26/99				10.26	13.59	N/A	371	11.7	ND<0.5	3.22	ND<0.5	36.4
4/06/99				9.32	14.53	N/A	7680	266	ND<10	280	ND<10	ND<10
5/24/00	23.86 Resurveyed			9.39	14.47	Rainbow sheen No odor	3300	180	ND<25	140	ND<25	200
8/24/00				10.54	13.32	Light rainbow sheen No odor	3200	150	ND<10	91	ND<10	300
11/22/00				10.42	13.44	No sheen Light sewerage odor	520	120	ND<25	46	ND<25	510
2/22/01				8.88	14.98	No sheen or odor	5400	100	ND<50	94	ND<50	700
5/29/01				10.08	13.78	Rainbow sheen No odor	3700	83	ND<50	58	ND<50	860
8/22/01				10.76	13.10	Light rainbow sheen No odor	5900	150	ND<10	ND<10	ND<10	1700

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

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)

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
Perf. - Perforation
GW Elev. - Groundwater Elevation
NA - Not Analyzed

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
5/24/00	MW-1	Methyl tert-butyl Ether	74000
8/24/00		Methyl tert-butyl Ether	32000
11/22/00		Methyl tert-butyl Ether	35000
2/22/01		Methyl tert-butyl Ether	51000
5/29/01		Methyl tert-butyl Ether	110000
8/22/01		Methyl tert-butyl Ether tert-Butanol	70000 11000
5/24/00	MW-2	Methyl tert-butyl Ether	180000
8/24/00		Methyl tert-butyl Ether	70000
11/22/00		Methyl tert-butyl Ether	43000
2/22/01		Methyl tert-butyl Ether	61000
5/29/01		Methyl tert-butyl Ether	24000
8/22/01		Methyl tert-butyl Ether	12000
5/24/00	MW-3	Methyl tert-butyl Ether	200000
8/24/00		Methyl tert-butyl Ether	170000
11/22/00		Methyl tert-butyl Ether	160000
2/22/01		Methyl tert-butyl Ether	130000
5/29/01		Methyl tert-butyl Ether	78000
8/22/01		Methyl tert-butyl Ether	98000
5/24/00	MW-4	Methyl tert-butyl Ether	40
8/24/00		Methyl tert-butyl Ether Toluene	44 7.4
11/22/00		Methyl tert-butyl Ether	25
2/22/01		Methyl tert-butyl Ether	32
5/29/01		Methyl tert-butyl Ether	31
8/22/01		Methyl tert-butyl Ether	28

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

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

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

Date	Well No.	Hydrocarbons Fuel Oxygenates	Concentration (µg/L)
5/29/01	MW-5	Benzene	83
		Ethylbenzene	58
		Methyl tert-butyl Ether	860
		n-Propylbenzene	130
		Naphthalene	64
8/22/01		Benzene	150
		Methyl tert-butyl Ether	1700
		n-Propylbenzene	230
		Naphthalene	140

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A P P E N D I X "B"

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Figure 1

M1

File No. 12-99-702-SI

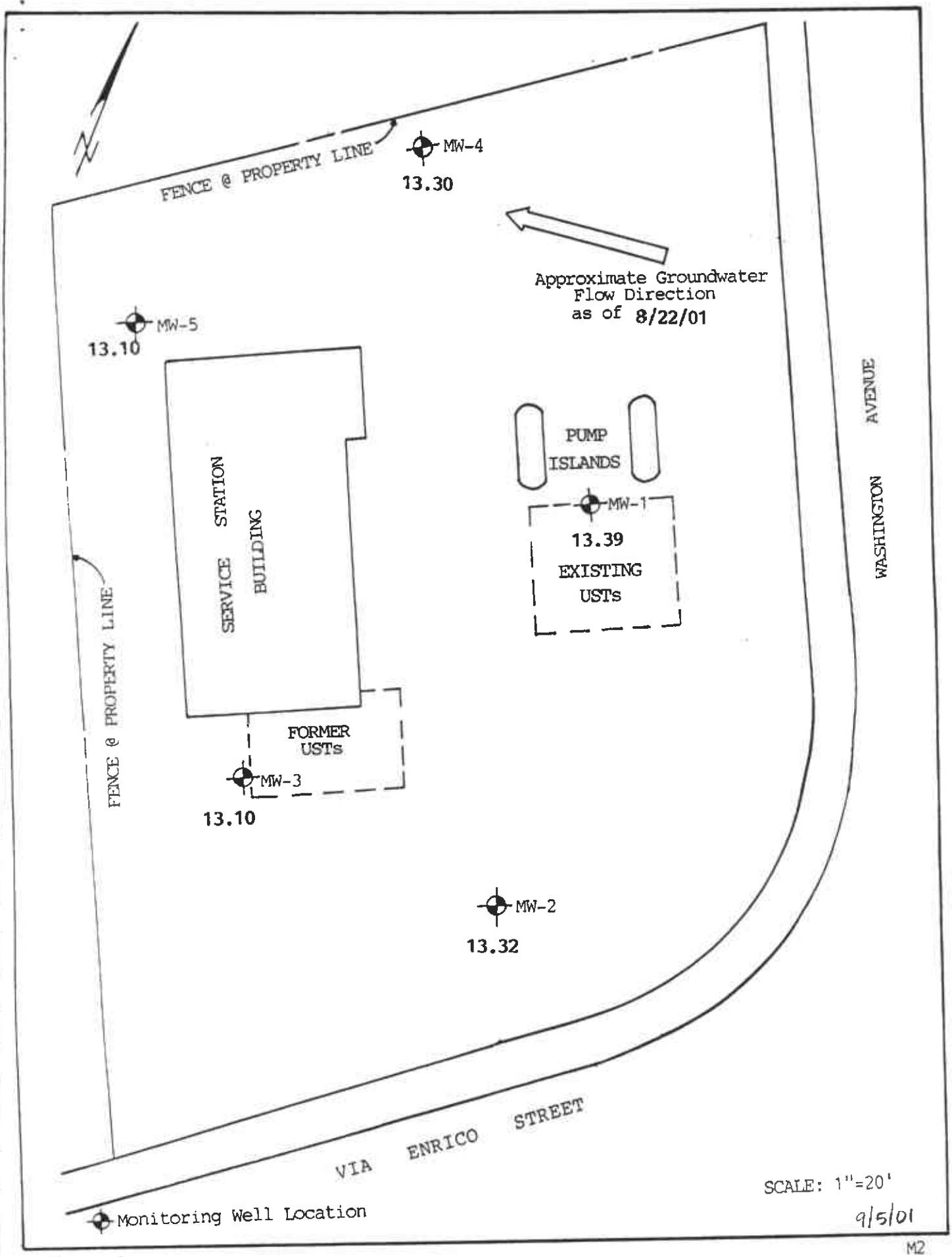

Figure 2

ENVIRO SOIL TECH CONSULTANTS

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A P P E N D I X "C"

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GROUNDWATER SAMPLING

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

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

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

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

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A P P E N D I X "D"

ENVIRO SOIL TECH CONSULTANTS

Entech Analytical Labs, Inc.

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

August 30, 2001

Richard Munley
Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111

Order:	26671	**Date Collected:**	8/22/01
Project Name:	15595 Washington Ave	**Date Received:**	8/23/01
Project Number:	12-99-702-SI	**P.O. Number:**	12-99-702-SI
Project Notes:			

On August 23, 2001, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	EPA 8260B	EPA 8260B
	TPH as Gasoline	EPA 8015 MOD. (Purgeable)

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

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

Sincerely,

Michelle L. Anderson
Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-001 **Client Sample ID:** MW-1
Sample Time: 12:46 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	46000	x	500	50	25000	µg/L	N/A	8/24/01	WGC42137B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	103	65 - 135

Order ID: 26671 **Lab Sample ID:** 26671-002 **Client Sample ID:** MW-2
Sample Time: 1:51 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	8700	x	100	50	5000	µg/L	N/A	8/24/01	WGC42137B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	109	65 - 135

Order ID: 26671 **Lab Sample ID:** 26671-003 **Client Sample ID:** MW-3
Sample Time: 2:59 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	37000	x	250	50	12500	µg/L	N/A	8/24/01	WGC42137B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

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

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-004 **Client Sample ID:** MW-4
Sample Time: 11:42 AM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	96	x	1	50	50	µg/L	N/A	8/24/01	WGC42137B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	106	65 - 135

Order ID: 26671 **Lab Sample ID:** 26671-005 **Client Sample ID:** MW-5
Sample Time: 10:30 AM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	5900		20	50	1000	µg/L	N/A	8/24/01	WGC42137B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	81	65 - 135

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

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

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-001 **Client Sample ID:** MW-1

Sample Time: 12:46 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,1-Trichloroethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,2-Trichloroethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloroethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloroethene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloropropene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,3-Trichlorobenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,3-Trichloropropane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,4-Trichlorobenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,4-Trimethylbenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dibromoethane (EDB)	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichlorobenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichloroethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichloropropane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,3,5-Trimethylbenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,3-Dichlorobenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,3-Dichloropropane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
1,4-Dichlorobenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
2,2-Dichloropropane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
2-Butanone (MEK)	ND		500	20	10000	µg/L	8/27/01	WMS21136	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
2-Chlorotoluene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
2-Hexanone	ND		500	20	10000	µg/L	8/27/01	WMS21136	EPA 8260B
4-Chlorotoluene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		500	20	10000	µg/L	8/27/01	WMS21136	EPA 8260B
Acetone	ND		500	100	50000	µg/L	8/27/01	WMS21136	EPA 8260B
Benzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Bromobenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Bromochloromethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Bromodichloromethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Bromoform	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B

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Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-001 **Client Sample ID:** MW-1

Sample Time: 12:46 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Carbon Disulfide	ND		500	15	7500	µg/L	8/27/01	WMS21136	EPA 8260B
Carbon Tetrachloride	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Chlorobenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Chloroethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Chloroform	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Chloromethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
cis-1,2-Dichloroethene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
cis-1,3-Dichloropropene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Dibromochloromethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Dibromomethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Dichlorodifluoromethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Diisopropyl Ether	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Ethyl Benzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Hexachlorobutadiene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Isopropylbenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Methyl-t-butyl Ether	70000		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Methylene Chloride	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
n-Butylbenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
n-Propylbenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Naphthalene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
p-Isopropyltoluene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
sec-Butylbenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Styrene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Amyl Methyl Ether	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butanol	11000		500	20	10000	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butyl Ethyl Ether	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butylbenzene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Tetrachloroethene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Toluene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
trans-1,2-Dichloroethene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
trans-1,3-Dichloropropene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Trichloroethene	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B

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

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San Jose, CA 95111
Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-001 **Client Sample ID:** MW-1

Sample Time: 12:46 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Trichlorofluoromethane	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Vinyl Chloride	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B
Xylenes, Total	ND		500	5	2500	µg/L	8/27/01	WMS21136	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	65 - 135
Dibromofluoromethane	107	57 - 139
Toluene-d8	105	65 - 135

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

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

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-002 **Client Sample ID:** MW-2

Sample Time: 1:51 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,1-Trichloroethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,2-Trichloroethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloroethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloroethene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloropropene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,3-Trichlorobenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,3-Trichloropropane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,4-Trichlorobenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,4-Trimethylbenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dibromoethane (EDB)	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichlorobenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichloroethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichloropropane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,3,5-Trimethylbenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,3-Dichlorobenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,3-Dichloropropane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
1,4-Dichlorobenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
2,2-Dichloropropane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
2-Butanone (MEK)	ND		100	20	2000	µg/L	8/27/01	WMS21136	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
2-Chlorotoluene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
2-Hexanone	ND		100	20	2000	µg/L	8/27/01	WMS21136	EPA 8260B
4-Chlorotoluene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		100	20	2000	µg/L	8/27/01	WMS21136	EPA 8260B
Acetone	ND		100	100	10000	µg/L	8/27/01	WMS21136	EPA 8260B
Benzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Bromobenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Bromochloromethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Bromodichloromethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Bromoform	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B

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Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-002 **Client Sample ID:** MW-2

Sample Time: 1:51 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Carbon Disulfide	ND		100	15	1500	µg/L	8/27/01	WMS21136	EPA 8260B
Carbon Tetrachloride	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Chlorobenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Chloroethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Chloroform	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Chloromethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
cis-1,2-Dichloroethene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
cis-1,3-Dichloropropene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Dibromochloromethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Dibromomethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Dichlorodifluoromethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Diisopropyl Ether	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Ethyl Benzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Hexachlorobutadiene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Isopropylbenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Methyl-t-butyl Ether	12000		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Methylene Chloride	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
n-Butylbenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
n-Propylbenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Naphthalene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
p-Isopropyltoluene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
sec-Butylbenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Styrene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Amyl Methyl Ether	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butanol	ND		100	20	2000	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butyl Ethyl Ether	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butylbenzene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Tetrachloroethene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Toluene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
trans-1,2-Dichloroethene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
trans-1,3-Dichloropropene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Trichloroethene	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B

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

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-002 **Client Sample ID:** MW-2

Sample Time: 1:51 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Trichlorofluoromethane	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Vinyl Chloride	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B
Xylenes, Total	ND		100	5	500	µg/L	8/27/01	WMS21136	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	105	65 - 135
Dibromofluoromethane	108	57 - 139
Toluene-d8	106	65 - 135

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

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Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-003 **Client Sample ID:** MW-3

Sample Time: 2:59 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,1,1-Trichloroethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,1,2-Trichloroethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,1-Dichloroethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,1-Dichloroethene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,1-Dichloropropene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2,3-Trichlorobenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2,3-Trichloropropane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2,4-Trichlorobenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2,4-Trimethylbenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dichlorobenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dichloroethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dichloropropane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,3,5-Trimethylbenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,3-Dichlorobenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,3-Dichloropropane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
1,4-Dichlorobenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
2,2-Dichloropropane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
2-Butanone (MEK)	ND		1000	20	20000	µg/L	8/28/01	WMS31137	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
2-Chlorotoluene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
2-Hexanone	ND		1000	20	20000	µg/L	8/28/01	WMS31137	EPA 8260B
4-Chlorotoluene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1000	20	20000	µg/L	8/28/01	WMS31137	EPA 8260B
Acetone	ND		1000	100	100000	µg/L	8/28/01	WMS31137	EPA 8260B
Benzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Bromobenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Bromochloromethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Bromodichloromethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Bromoform	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B

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

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-003 **Client Sample ID:** MW-3

Sample Time: 2:59 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Carbon Disulfide	ND		1000	15	15000	µg/L	8/28/01	WMS31137	EPA 8260B
Carbon Tetrachloride	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Chlorobenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Chloroethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Chloroform	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Chloromethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
cis-1,2-Dichloroethene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
cis-1,3-Dichloropropene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Dibromochloromethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Dibromomethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Dichlorodifluoromethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Diisopropyl Ether	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Ethyl Benzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Hexachlorobutadiene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Isopropylbenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Methyl-t-butyl Ether	98000		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Methylene Chloride	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
n-Butylbenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
n-Propylbenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Naphthalene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
p-Isopropyltoluene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
sec-Butylbenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Styrene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
tert-Amyl Methyl Ether	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
tert-Butanol	ND		1000	20	20000	µg/L	8/28/01	WMS31137	EPA 8260B
tert-Butyl Ethyl Ether	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
tert-Butylbenzene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Tetrachloroethene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Toluene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
trans-1,2-Dichloroethene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
trans-1,3-Dichloropropene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Trichloroethene	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B

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

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-003 **Client Sample ID:** MW-3

Sample Time: 2:59 PM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Trichlorofluoromethane	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Vinyl Chloride	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B
Xylenes, Total	ND		1000	5	5000	µg/L	8/28/01	WMS31137	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99	65 - 135
Dibromofluoromethane	103	57 - 139
Toluene-d8	122	65 - 135

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

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

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131 Tully Road
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Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-004 **Client Sample ID:** MW-4

Sample Time: 11:42 AM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	8/27/01	WMS21136	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	8/27/01	WMS21136	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	8/27/01	WMS21136	EPA 8260B
Acetone	ND		1	100	100	µg/L	8/27/01	WMS21136	EPA 8260B
Benzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Bromobenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Bromoform	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B

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

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Enviro Soil Tech Consultants
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Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-004 **Client Sample ID:** MW-4

Sample Time: 11:42 AM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Carbon Disulfide	ND		1	15	15	µg/L	8/27/01	WMS21136	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Chloroethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Chloroform	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Chloromethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Dibromomethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Methyl-t-butyl Ether	28		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Styrene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butanol	ND		1	20	20	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Toluene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Trichloroethene	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B

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

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-004 **Client Sample ID:** MW-4

Sample Time: 11:42 AM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Trichlorofluoromethane	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/L	8/27/01	WMS21136	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	109	65 - 135
Dibromofluoromethane	114	57 - 139
Toluene-d8	106	65 - 135

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

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131 Tully Road
San Jose, CA 95111
Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-005 **Client Sample ID:** MW-5

Sample Time: 10:30 AM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,1,1-Trichloroethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,1,2-Trichloroethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,1-Dichloroethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,1-Dichloroethene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,1-Dichloropropene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2,3-Trichlorobenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2,3-Trichloropropane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2,4-Trichlorobenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2,4-Trimethylbenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dibromoethane (EDB)	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dichlorobenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dichloroethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,2-Dichloropropane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,3,5-Trimethylbenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,3-Dichlorobenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,3-Dichloropropane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
1,4-Dichlorobenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
2,2-Dichloropropane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
2-Butanone (MEK)	ND		20	20	400	µg/L	8/28/01	WMS31137	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
2-Chlorotoluene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
2-Hexanone	ND		20	20	400	µg/L	8/28/01	WMS31137	EPA 8260B
4-Chlorotoluene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		20	20	400	µg/L	8/28/01	WMS31137	EPA 8260B
Acetone	ND		20	100	2000	µg/L	8/28/01	WMS31137	EPA 8260B
Benzene	150		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Bromobenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Bromochloromethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Bromodichloromethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Bromoform	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B

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

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-005 **Client Sample ID:** MW-5

Sample Time: 10:30 AM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Carbon Disulfide	ND		20	15	300	µg/L	8/28/01	WMS31137	EPA 8260B
Carbon Tetrachloride	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Chlorobenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Chloroethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Chloroform	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Chloromethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
cis-1,2-Dichloroethene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
cis-1,3-Dichloropropene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Dibromochloromethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Dibromomethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Dichlorodifluoromethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Diisopropyl Ether	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Ethyl Benzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Hexachlorobutadiene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Isopropylbenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Methyl-t-butyl Ether	1700		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Methylene Chloride	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
n-Butylbenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
n-Propylbenzene	230		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Naphthalene	140		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
p-Isopropyltoluene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
sec-Butylbenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Styrene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
tert-Amyl Methyl Ether	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
tert-Butanol	ND		20	20	400	µg/L	8/28/01	WMS31137	EPA 8260B
tert-Butyl Ethyl Ether	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
tert-Butylbenzene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Tetrachloroethene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Toluene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
trans-1,2-Dichloroethene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
trans-1,3-Dichloropropene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Trichloroethene	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B

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

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Richard Munley

Date: 8/30/01
Date Received: 8/23/01
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number: 12-99-702-SI
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 26671 **Lab Sample ID:** 26671-005 **Client Sample ID:** MW-5

Sample Time: 10:30 AM **Sample Date:** 8/22/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Trichlorofluoromethane	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Vinyl Chloride	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B
Xylenes, Total	ND		20	5	100	µg/L	8/28/01	WMS31137	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101	65 - 135
Dibromofluoromethane	103	57 - 139
Toluene-d8	122	65 - 135

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

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STANDARD LAB QUALIFIERS (FLAGS)

All Entech lab reports now reference standard lab qualifiers. These qualifiers are noted in the adjacent column to the analytical result and are adapted from the U.S. EPA CLP program. The current qualifier list is as follows:

Qualifier (Flag)	Description
U	Compound was analyzed for but not detected
J	Estimated value for tentatively identified compounds or if result is below PQL but above MDL
N	Presumptive evidence of a compound (for Tentatively Identified Compounds)
B	Analyte is found in the associated Method Blank
E	Compounds whose concentrations exceed the upper level of the calibration range
D	Multiple dilutions reported for analysis; discrepancies between analytes may be due to dilution
X	Results within quantitation range; chromatographic pattern not typical of fuel

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WMS21136 **Units:** µg/L

Matrix: Liquid **Date Analyzed:** 8/27/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		20		18.2	LCS	91.0			79.4 - 112.2
Benzene	EPA 8260B	ND		20		21.76	LCS	108.8			90.9 - 124.5
Chlorobenzene	EPA 8260B	ND		20		18.2	LCS	91.0			88.5 - 110.6
Methyl-t-butyl Ether	EPA 8260B	ND		20		16.8	LCS	84.0			66.8 - 128.0
Toluene	EPA 8260B	ND		20		18.1	LCS	90.5			89.9 - 116.0
Trichloroethene	EPA 8260B	ND		20		18.8	LCS	94.0			81.7 - 137.3

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101	65 - 135
Dibromofluoromethane	100	57 - 139
Toluene-d8	103	65 - 135

Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		20		20.1	LCSD	100.5	9.92	25.00	79.4 - 112.2
Benzene	EPA 8260B	ND		20		19.3	LCSD	96.5	11.98	25.00	90.9 - 124.5
Chlorobenzene	EPA 8260B	ND		20		20.2	LCSD	101.0	10.42	25.00	88.5 - 110.6
Methyl-t-butyl Ether	EPA 8260B	ND		20		21.3	LCSD	106.5	23.62	25.00	66.8 - 128.0
Toluene	EPA 8260B	ND		20		20.14	LCSD	100.7	10.72	25.00	89.9 - 116.0
Trichloroethene	EPA 8260B	ND		20		21	LCSD	105.0	11.06	25.00	81.7 - 137.3

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	106	65 - 135
Dibromofluoromethane	112	57 - 139
Toluene-d8	103	65 - 135

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WGC42137B
Matrix: Liquid
Units: µg/L
Date Analyzed: 8/24/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		484.38	LCS	86.3			59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			100			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		6.167	LCS	99.5			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.289	LCS	93.4			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		34.369	LCS	96.0			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		38.702	LCS	90.0			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			98			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		465.43	LCSD	83.0	3.99	25.00	59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			103			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		5.790	LCSD	93.4	6.31	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		6.863	LCSD	88.0	6.02	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		33.604	LCSD	93.9	2.25	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		37.101	LCSD	86.3	4.22	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			99			65 - 135					

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Quality Control Results Summary

QC Batch #: WMS31137 **Units:** µg/L

Matrix: Liquid **Date Analyzed:** 8/28/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		20		20.2	LCS	101.0			65.0 - 135.0
Benzene	EPA 8260B	ND		20		21.9	LCS	109.5			65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		20		20.5	LCS	102.5			65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		20		17.9	LCS	89.5			56.0 - 135.0
Toluene	EPA 8260B	ND		20		22.1	LCS	110.5			65.0 - 135.0
Trichloroethene	EPA 8260B	ND		20		22	LCS	110.0			65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94	65 - 135
Dibromofluoromethane	103	57 - 139
Toluene-d8	114	65 - 135

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		20		20.6	LCSD	103.0	1.96	25.00	65.0 - 135.0
Benzene	EPA 8260B	ND		20		22.6	LCSD	113.0	3.15	25.00	65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		20		21.9	LCSD	109.5	6.60	25.00	65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		20		19.	LCSD	95.0	5.96	25.00	56.0 - 135.0
Toluene	EPA 8260B	ND		20		23.6	LCSD	118.0	6.56	25.00	65.0 - 135.0
Trichloroethene	EPA 8260B	ND		20		22.7	LCSD	113.5	3.13	25.00	65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98	65 - 135
Dibromofluoromethane	105	57 - 139
Toluene-d8	121	65 - 135

CHAIN OF CUSTODY RECORD

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

SAMPLERS: (Signature) Richard Manly

2667	NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2) TPHg	EPA 8260B					REMARKS
-001	1	8/23/01	1246		✓	MW-1	6	✓	✓					Please also include MTBE, ETBE, TAME and TBA in EPA 8260B.
-002	2		1351		✓	MW-2	6	✓	✓					
-003	3		1459		✓	MW-3	6	✓	✓					
-004	4		1142		✓	MW-4	6	✓	✓					
-005	5	↓	1030		✓	MW-5	6	✓	✓					

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Receive by: (Signature)
Richard Manly	8/23/01 1010	C Thom	C Thom	8/23 1035	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

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