File No. 12-99-702-SI

QUARTERLY GROUNDWATER MONITORING AND SAMPLING FOR THE PROPERTY LOCATED AT 15595 WASHINGTON AVENUE SAN LORENZO, CALIFORNIA DECEMBER 6, 2000

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**

December 6, 2000

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 November 22, 2000, 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.

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

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD
GENERAL MANAGER

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

PURPOSE:

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

SITE DESCRIPTION:

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

BACKGROUND:

From 1974 to 1983, 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 [Volatile Organic Compounds (VOC's) 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 November 22, 2000, 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-2, MW-3 and MW-4 during field inspection. Only light rainbow sheen was detected in monitoring well MW-1. Only light sewerage odor was noted in monitoring well MW-5. The shallow groundwater table depths ranged from 8.24 feet (well MW-2) to 10.42 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 November 22, 2000 (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 Volatile Organic Compounds (VOC's) per EPA Method 8260B.

Groundwater samples from monitoring well MW-1 detected low level of TPHg at 24 milligrams per liter (mg/L) and MTBE at 35 mg/L. Water sample from monitoring well MW-2 detected low level of TPHg at 29 mg/L and MTBE at 43 mg/L. Water sample from monitoring well MW-3 detected low level of TPHg at 69 mg/L and elevated level of MTBE at 160 mg/L. Groundwater sample from monitoring well MW-4 detected only low levels of TPHg at 0.14 mg/L and MTBE at 0.025 mg/L. Groundwater sample from well MW-5 detected low levels of TPHg at 0.52 mg/L; Benzene at 0.12 mg/L; Ethylbenzene at 0.046 mg/L and MTBE at 0.51 mg/L. Toluene 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 levels of VOC's concentrations 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 low levels of TPHg and low to elevated levels of MTBE concentrations in the water samples. Only one out of five wells detected Benzene and Ethylbenzene concentrations below laboratory detection limit.

The depth to groundwater ranging from 8.24 feet to a maximum of 10.42 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

File No. 12-99-702-SI

A P P E N D I X "A"

ENVIRO SOIL TECH CONSULTANTS

File No. 12-99-702-SI

TABLE 1
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/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 <0.05	ND <0.05	NA	0.082	NA
11/12/92				11.37	N/A	N/A	0.72	0.003	0.0005	0.001	0.001	NA
3/24/94	22.93 (feet MSL)			8.71	14.22	Odor	1.3	0.11	ND <0.0005	0.019	ND <0.0005	NA
12/15/95				8.49	14.44	No sheen Weakly petroleum odor	0.35	0.018	0.0029	0.0035	0.0028	NA
8/26/98	22.96 (feet MSL)			9.30	13.66	N/A	ND <0.5	0.017	ND <0.005	ND <0.005	ND <0.005	340
1/26/99				7.96	15.00	N/A	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	269
4/06/99				8.01	14.95	N/A	3.5	0.296	ND<0.01	0.043	0.0186	117
5/24/00	23.05 (feet MSL) Resurveyed			8.24	14.81	No sheen or odor	33	ND<5	ND<5	ND<5	ND<5	74
8/24/00				9.43	13.62	No sheen or odor	11	ND<2	ND<2	ND<2	ND<2	32
11/22/00				9.28	13.77	Light rainbow sheen No odor	24	ND<2.5	ND<2.5	ND<2.5	ND<2.5	35
8/08/86	MW-2 (N/A)	15	10	N/A	N/A	N/A	NA	ND <0.05	ND <0.05	NA	ND <0.05	NA
11/12/92				10.55	N/A	N/A	ND <0.01	ND <0.0003	ND <0.0003	ND <0.0003	ND <0.0005	NA
3/24/94	22.09 (feet MSL)			7.87	14.22	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	NA
12/15/95				4.62	17.47	No sheen or odor	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	NA
8/26/98	22.07 (feet MSL)			8.40	13.67	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	210

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

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
1/26/99	MW-2 (22.07) feet MSL	15	10	7.29	14.78	N/A	ND <2	ND <0.02	ND <0.02	ND <0.02	ND <0.02	9.45
4/06/99				7.28	14.79	N/A	ND <1	ND <0.01	ND <0.01	ND <0.01	ND <0.01	209
5/24/00	21.94 (feet MSL) Resurveyed			7.22	14.72	No sheen or odor	46	ND <12.5	ND <12.5	ND <12.5	ND <12.5	180
8/24/00				8.39	13.55	No sheen or odor	21	ND<2.5	ND<2.5	ND<2.5	ND<2.5	70
11/22/00				8.24	13.70	No sheen or odor	29	ND<2.5	ND<2.5	ND<2.5	ND<2.5	43
8/08/86	MW-3 (N/A)	16	10	N/A	N/A	N/A	NA	ND <0.05	ND <0.05	NA	ND <0.05	NA
11/12/92				11.32	N/A	N/A	0.069	ND <0.0003	ND <0.0003	ND <0.0003	ND <0.0005	NA
3/24/94	22.73 (feet MSL)			8.69	14.04	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	NA
12/15/95				8.31	14.42	No sheen or odor	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	NA
8/26/98	22.74 (feet MSL)			9.29	13.45	N/A	ND <0.5	0.036	ND <0.005	ND <0.005	ND <0.005	99
1/26/99				8.00	14.74	N/A	ND <5	ND <0.05	ND <0.05	ND <0.05	ND <0.05	19.8
4/06/99				8.00	14.74	N/A	ND<1	ND<0.01	ND<0.01	ND<0.01	ND<0.01	151
5/24/00	22.56 (feet MSL) Resurveyed			8.08	14.47	No sheen or odor	48	ND<12.5	ND<12.5	ND<12.5	ND<12.5	200

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/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-3 (22.56) feet MSL	16	10	9.24	13.32	No sheen or odor	52	ND<5	ND<5	ND<5	ND<5	170
11/22/00				9.08	13.48	No sheen or odor	69	ND<10	ND<10	ND<10	ND<10	160
8/26/98	MW-4 (23.51) feet MSL	19	N/A	9.87	13.64	N/A	0.17	0.002	0.00074	0.0013	0.001	0.15
1/26/99				8.54	14.97	N/A	0.14	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	0.0076
4/06/99				8.34	15.17	N/A	0.39	0.00394	ND <0.0005	0.00152	0.000808	0.0152
5/24/00	23.40 (feet MSL) Resurveyed			8.72	14.68	No sheen or odor	0.21	ND <0.005	ND <0.005	ND <0.005	ND <0.005	0.04
8/24/00				9.88	13.52	No sheen or odor	0.16	ND <0.005	0.0074	ND <0.005	ND <0.005	0.044
11/22/00				9.76	13.64	No sheen or odor	0.14	ND <0.005	ND <0.005	ND <0.005	ND <0.005	0.025
8/26/98	MW-5 (23.85) feet MSL	19	N/A	10.51	13.34	N/A	6.6	0.24	ND<0.05	0.38	0.084	ND<0.25
1/26/99				10.26	13.59	N/A	0.371	0.0117	ND <0.0005	0.00322	ND <0.0005	0.0364
4/06/99				9.32	14.53	N/A	7.68	0.266	ND<0.01	0.28	ND<0.01	ND<0.1
5/24/00	23.86 (feet MSL) Resurveyed			9.39	14.47	Rainbow sheen No odor	3.3	0.18	ND <0.025	0.14	ND <0.025	0.2

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/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-5 23.86 (feet MSL)	19	N/A	10.54	13.32	Light rainbow sheen No odor	3.2	0.15	ND <0.01	0.091	ND <0.01	0.3
11/22/00				10.42	13.44	No sheen Light sewerage odor	0.52	0.12	ND <0.025	0.046	ND <0.025	0.51

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 VOLATILE ORGANIC COMPOUNDS (EPA 8260B)

Date	Well No.	Volatile Organic Compounds	Concentration (mg/L)
5/24/00	MW-1	Methyl tert-butyl Ether	74
8/24/00		Methyl tert-butyl Ether	32
11/22/00		Methyl tert-butyl Ether	35
5/24/00	MW-2	Methyl tert-butyl Ether	180
8/24/00		Methyl tert-butyl Ether	70
11/22/00		Methyl tert-butyl Ether	43
5/24/00	MW-3	Methyl tert-butyl Ether	200
8/24/00		Methyl tert-butyl Ether	170
11/22/00		Methyl tert-butyl Ether	160
5/24/00	MW-4	Methyl tert-butyl Ether	0.04
8/24/00		Methyl tert-butyl Ether Toluene	0.044 0.0074
11/22/00		Methyl tert-butyl Ether	0.025
5/24/00	MW-5	Benzene Ethylbenzene Isopopylbenzene Methyl tert-butyl Ether n-Butylbenzene n-Propylbenzene Naphthalene	0.18 0.14 0.055 0.2 0.042 0.2 0.12

TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS (EPA 8260B)

Date	Well No.	Volatile Organic Compounds	Concentration (mg/L)
8/24/00	MW-5	1,2,4-Trimethylbenzene	0.015
		Benzene	0.15
		Ethylbenzene	0.091
		Isopopylbenzene	0.038
		Methyl tert-butyl Ether	0.3
		n-Butylbenzene	0.029
		n-Propylbenzene	0.14
		Naphthalene	0.087
		p-Isopropyltoluene	0.028
		sec-Butylbenzene	0.012
11/22/00		Benzene	0.12
		Ethylbenzene	0.046
		Isopropylbenzene	0.031
		Methyl tert-butyl Ether	0.51
		n-Propylbenzene	0.1
		Naphthalene	0.037

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A P P E N D I X "B"

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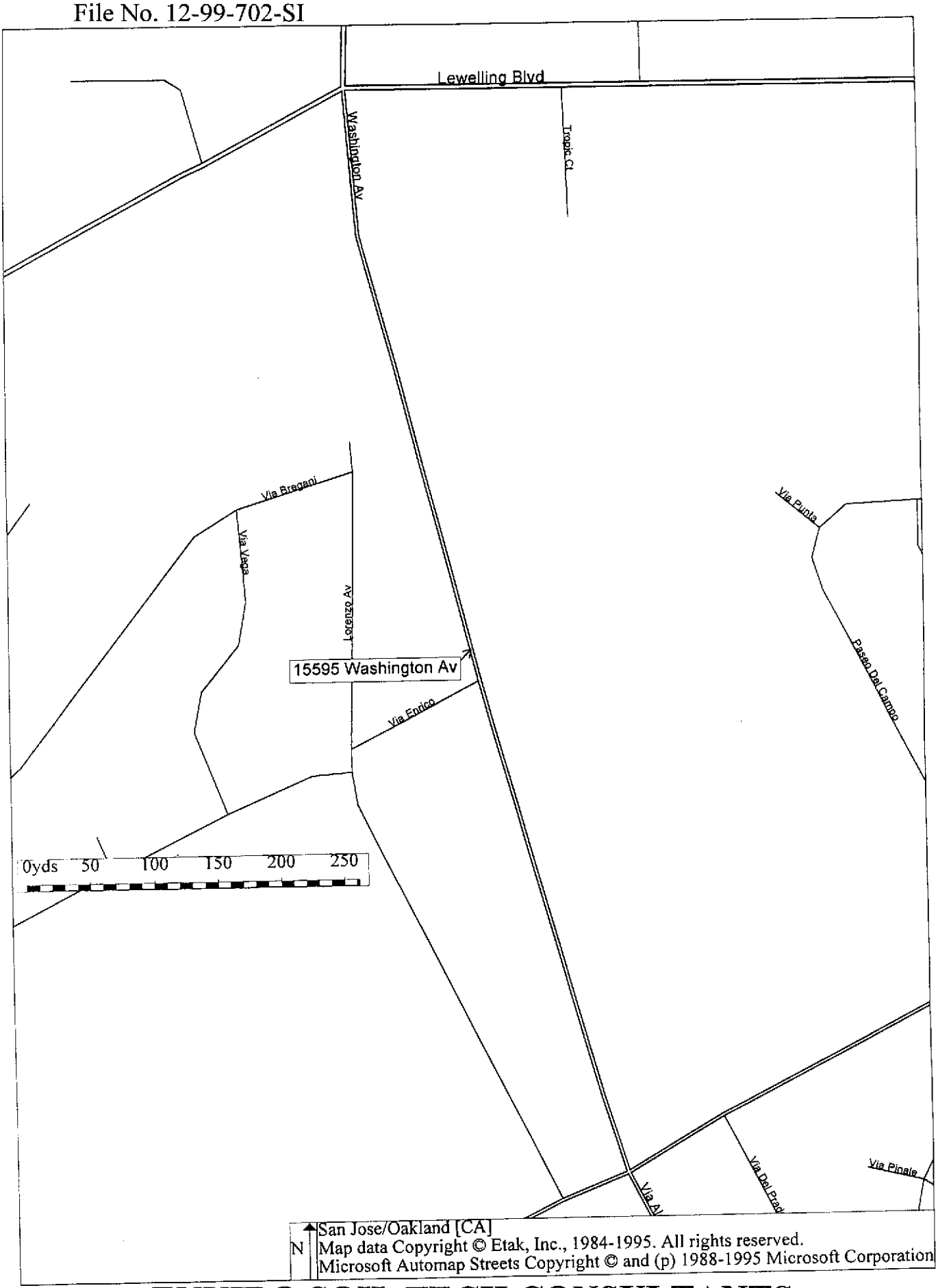

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Figure 1

M1

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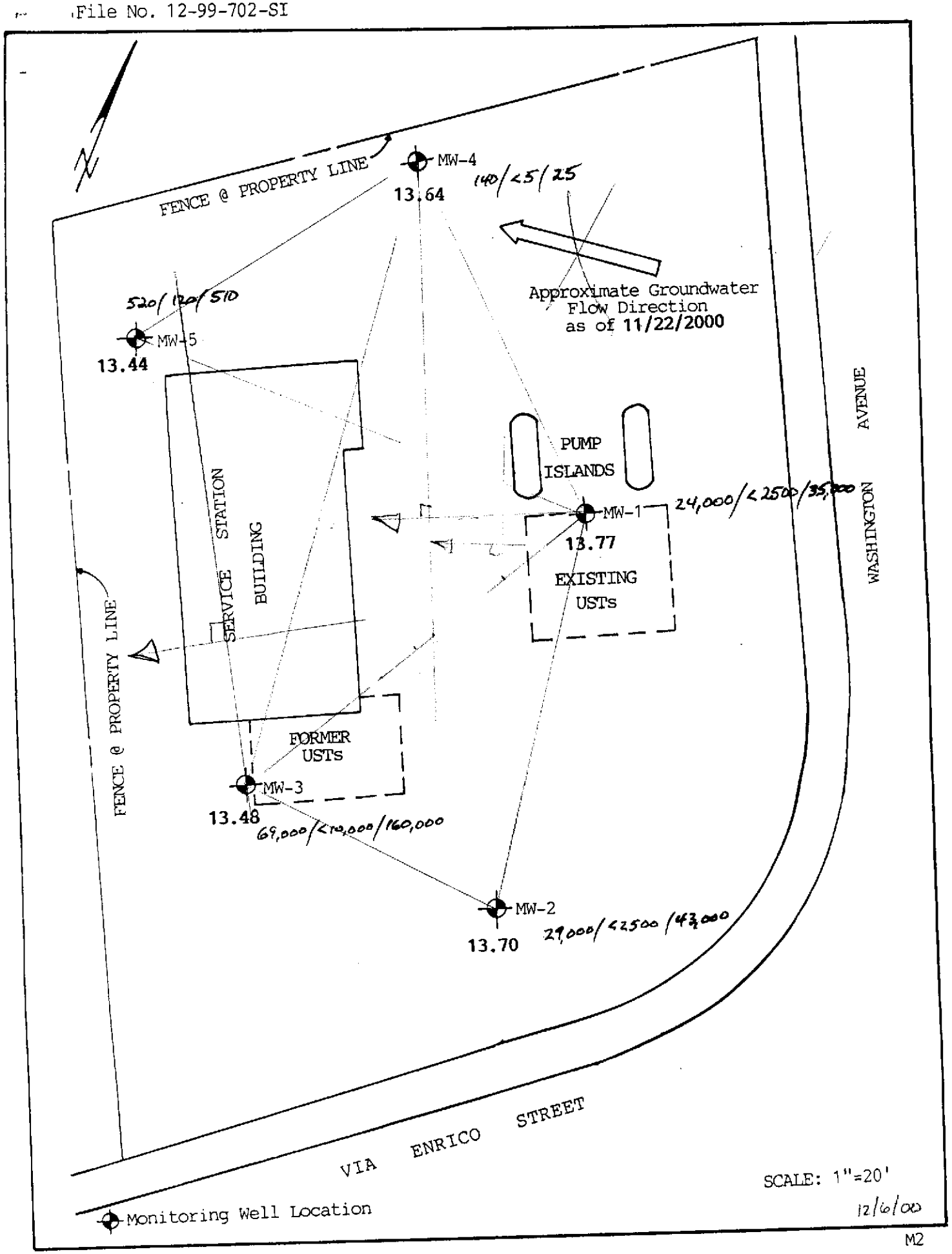

Figure 2

ENVIRO SOIL TECH CONSULTANTS

TPH-G/benzene/MtBE ug/l

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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

December 05, 2000

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

Order: 23333
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
Project Notes:

Date Collected: 11/22/00
Date Received: 11/27/00
P.O. Number:

On November 27, 2000, 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 408-735-1550.

Sincerely,

Michelle L. Anderson
Lab Director

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: Frank Hamedi

Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-001 **Client Sample ID:** MW-1
Sample Time: 12:30 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	24000	x	50	50	2500	µg/L	N/A	11/30/00	WGC2001129	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	108	65 - 135

Order ID: 23333 **Lab Sample ID:** 23333-002 **Client Sample ID:** MW-2
Sample Time: 1:40 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	29000	x	50	50	2500	µg/L	N/A	11/30/00	WGC2001129	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	105	65 - 135

Order ID: 23333 **Lab Sample ID:** 23333-003 **Client Sample ID:** MW-3
Sample Time: 2:50 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	69000		50	50	2500	µg/L	N/A	11/30/00	WGC2001129	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	107	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: Frank Hamedi

Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-004 **Client Sample ID:** MW-4
Sample Time: 11:35 AM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	140		1	50	50	µg/L	N/A	11/29/00	WGC2001129	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	99	65 - 135

Order ID: 23333 **Lab Sample ID:** 23333-005 **Client Sample ID:** MW-5
Sample Time: 10:30 AM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	520		1	50	50	µg/L	N/A	11/29/00	WGC2001129	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	78	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: Frank Hamedi

Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-001 **Client Sample ID:** MW-1

Sample Time: 12:30 PM **Sample Date:** 11/22/00 **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	11/30/00	WMS2001130	EPA 8260B
1,1,1-Trichloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1,2-Trichloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloropropene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,3-Trichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,3-Trichloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,4-Trichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,4-Trimethylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dibromoethane (EDB)	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3,5-Trimethylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3-Dichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3-Dichloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,4-Dichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
2,2-Dichloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Butanone (MEK)	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Chlorotoluene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Hexanone	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
4-Chlorotoluene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
Acetone	ND		500	100	50000	µg/L	11/30/00	WMS2001130	EPA 8260B
Acrylonitrile	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Allyl Chloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Benzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Benzyl Chloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromochloromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromodichloromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromoform	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromomethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B

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

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Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-001 **Client Sample ID:** MW-1

Sample Time: 12:30 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		500	15	7500	µg/L	11/30/00	WMS2001130	EPA 8260B
Carbon Tetrachloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Chlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloroform	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,2-Dichloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,3-Dichloropropene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
Dibromochloromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Dibromomethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Dichlorodifluoromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Diisopropyl Ether	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Ethyl Benzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Ethyl Methacrylate	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Hexachlorobutadiene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Iodomethane	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
Isopropylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Methacrylonitrile	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Methyl Methacrylate	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Methyl-t-butyl Ether	35000		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Methylene Chloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
n-Butylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
n-Propylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Naphthalene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
p-Isopropyltoluene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Pentachloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Propionitrile	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
sec-Butylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Styrene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Amyl Methyl Ether	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butanol	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butyl Ethyl Ether	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Tetrachloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Toluene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
trans-1,2-Dichloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B

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Date: 12/5/00
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Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-001 **Client Sample ID:** MW-1

Sample Time: 12:30 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
Trichloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Trichlorofluoromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Vinyl Chloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Xylenes, Total	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	65 - 135
Dibromofluoromethane	105	57 - 139
Toluene-d8	103	65 - 135

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

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Date: 12/5/00
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Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-002 **Client Sample ID:** MW-2

Sample Time: 1:40 PM **Sample Date:** 11/22/00 **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	11/30/00	WMS2001130	EPA 8260B
1,1,1-Trichloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1,2-Trichloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloropropene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,3-Trichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,3-Trichloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,4-Trichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,4-Trimethylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dibromoethane (EDB)	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3,5-Trimethylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3-Dichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3-Dichloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
1,4-Dichlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
2,2-Dichloropropane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Butanone (MEK)	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Chlorotoluene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Hexanone	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
4-Chlorotoluene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
Acetone	ND		500	100	50000	µg/L	11/30/00	WMS2001130	EPA 8260B
Acrylonitrile	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Allyl Chloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Benzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Benzyl Chloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromochloromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromodichloromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromoform	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromomethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B

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:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-002 **Client Sample ID:** MW-2

Sample Time: 1:40 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		500	15	7500	µg/L	11/30/00	WMS2001130	EPA 8260B
Carbon Tetrachloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Chlorobenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloroform	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,2-Dichloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,3-Dichloropropene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
Dibromochloromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Dibromomethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Dichlorodifluoromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Diisopropyl Ether	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Ethyl Benzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Ethyl Methacrylate	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Hexachlorobutadiene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Iodomethane	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
Isopropylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Methacrylonitrile	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Methyl Methacrylate	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Methyl-t-butyl Ether	43000		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Methylene Chloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
n-Butylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
n-Propylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Naphthalene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
p-Isopropyltoluene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Pentachloroethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Propionitrile	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
sec-Butylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Styrene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Amyl Methyl Ether	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butanol	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butyl Ethyl Ether	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butylbenzene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Tetrachloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Toluene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
trans-1,2-Dichloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B

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

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-002 **Client Sample ID:** MW-2

Sample Time: 1:40 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		500	20	10000	µg/L	11/30/00	WMS2001130	EPA 8260B
Trichloroethene	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Trichlorofluoromethane	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Vinyl Chloride	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B
Xylenes, Total	ND		500	5	2500	µg/L	11/30/00	WMS2001130	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101	65 - 135
Dibromofluoromethane	105	57 - 139
Toluene-d8	103	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: Frank Hamedi

Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-003 **Client Sample ID:** MW-3

Sample Time: 2:50 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,1,1-Trichloroethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,1,2-Trichloroethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,1-Dichloroethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,1-Dichloroethene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,1-Dichloropropene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2,3-Trichlorobenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2,3-Trichloropropane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2,4-Trichlorobenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2,4-Trimethylbenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2-Dibromoethane (EDB)	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2-Dichlorobenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2-Dichloroethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,2-Dichloropropane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,3,5-Trimethylbenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,3-Dichlorobenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,3-Dichloropropane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
1,4-Dichlorobenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
2,2-Dichloropropane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
2-Butanone (MEK)	ND		2000	20	40000	µg/L	12/2/00	WMS2001130	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
2-Chlorotoluene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
2-Hexanone	ND		2000	20	40000	µg/L	12/2/00	WMS2001130	EPA 8260B
4-Chlorotoluene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		2000	20	40000	µg/L	12/2/00	WMS2001130	EPA 8260B
Acetone	ND		2000	100	200000	µg/L	12/2/00	WMS2001130	EPA 8260B
Acrylonitrile	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Allyl Chloride	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Benzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Benzyl Chloride	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Bromobenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Bromochloromethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Bromodichloromethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Bromoform	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Bromomethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	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)

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Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-003 **Client Sample ID:** MW-3

Sample Time: 2:50 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		2000	15	30000	µg/L	12/2/00	WMS2001130	EPA 8260B
Carbon Tetrachloride	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Chlorobenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Chloroethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Chloroform	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Chloromethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
cis-1,2-Dichloroethene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
cis-1,3-Dichloropropene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		2000	20	40000	µg/L	12/2/00	WMS2001130	EPA 8260B
Dibromochloromethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Dibromomethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Dichlorodifluoromethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Diisopropyl Ether	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Ethyl Benzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Ethyl Methacrylate	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Hexachlorobutadiene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Iodomethane	ND		2000	20	40000	µg/L	12/2/00	WMS2001130	EPA 8260B
Isopropylbenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Methacrylonitrile	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Methyl Methacrylate	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Methyl-t-butyl Ether	160000		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Methylene Chloride	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
n-Butylbenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
n-Propylbenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Naphthalene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
p-Isopropyltoluene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Pentachloroethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Propionitrile	ND		2000	20	40000	µg/L	12/2/00	WMS2001130	EPA 8260B
sec-Butylbenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Styrene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
tert-Amyl Methyl Ether	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
tert-Butanol	ND		2000	20	40000	µg/L	12/2/00	WMS2001130	EPA 8260B
tert-Butyl Ethyl Ether	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
tert-Butylbenzene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Tetrachloroethene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Toluene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
trans-1,2-Dichloroethene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	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

Entech Analytical Labs, Inc.

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

Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-003 **Client Sample ID:** MW-3

Sample Time: 2:50 PM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		2000	20	40000	µg/L	12/2/00	WMS2001130	EPA 8260B
Trichloroethene	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Trichlorofluoromethane	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Vinyl Chloride	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B
Xylenes, Total	ND		2000	5	10000	µg/L	12/2/00	WMS2001130	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99	65 - 135
Dibromofluoromethane	110	57 - 139
Toluene-d8	101	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*

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131 Tully Road
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Attn: Frank Hamedi

Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-004 **Client Sample ID:** MW-4

Sample Time: 11:35 AM **Sample Date:** 11/22/00 **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	11/30/00	WMS2001130	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	11/30/00	WMS2001130	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	11/30/00	WMS2001130	EPA 8260B
Acetone	ND		1	100	100	µg/L	11/30/00	WMS2001130	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Benzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromobenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromoform	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Bromomethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B

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

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Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-004 **Client Sample ID:** MW-4

Sample Time: 11:35 AM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1	15	15	µg/L	11/30/00	WMS2001130	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloroethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloroform	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Chloromethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/L	11/30/00	WMS2001130	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Dibromomethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Iodomethane	ND		1	20	20	µg/L	11/30/00	WMS2001130	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Methyl-t-butyl Ether	25		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Propionitrile	ND		1	20	20	µg/L	11/30/00	WMS2001130	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Styrene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butanol	ND		1	20	20	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Toluene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B

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

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-004 **Client Sample ID:** MW-4

Sample Time: 11:35 AM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/L	11/30/00	WMS2001130	EPA 8260B
Trichloroethene	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/L	11/30/00	WMS2001130	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101	65 - 135
Dibromofluoromethane	99	57 - 139
Toluene-d8	104	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: Frank Hamedi

Date: 12/5/00
Date Received: 11/27/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-005 **Client Sample ID:** MW-5

Sample Time: 10:30 AM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		5	15	75	µg/L	12/2/00	WMS2001130	EPA 8260B
Carbon Tetrachloride	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Chlorobenzene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Chloroethane	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Chloroform	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Chloromethane	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
cis-1,2-Dichloroethene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
cis-1,3-Dichloropropene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		5	20	100	µg/L	12/2/00	WMS2001130	EPA 8260B
Dibromochloromethane	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Dibromomethane	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Dichlorodifluoromethane	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Diisopropyl Ether	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Ethyl Benzene	46		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Ethyl Methacrylate	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Hexachlorobutadiene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Iodomethane	ND		5	20	100	µg/L	12/2/00	WMS2001130	EPA 8260B
Isopropylbenzene	31		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Methacrylonitrile	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Methyl Methacrylate	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Methyl-t-butyl Ether	510		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Methylene Chloride	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
n-Butylbenzene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
n-Propylbenzene	100		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Naphthalene	37		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
p-Isopropyltoluene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Pentachloroethane	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Propionitrile	ND		5	20	100	µg/L	12/2/00	WMS2001130	EPA 8260B
sec-Butylbenzene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Styrene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
tert-Amyl Methyl Ether	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
tert-Butanol	ND		5	20	100	µg/L	12/2/00	WMS2001130	EPA 8260B
tert-Butyl Ethyl Ether	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
tert-Butylbenzene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Tetrachloroethene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Toluene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
trans-1,2-Dichloroethene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B

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

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Date: 12/5/00
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Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 23333 **Lab Sample ID:** 23333-005 **Client Sample ID:** MW-5

Sample Time: 10:30 AM **Sample Date:** 11/22/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		5	20	100	µg/L	12/2/00	WMS2001130	EPA 8260B
Trichloroethene	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Trichlorofluoromethane	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Vinyl Chloride	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B
Xylenes, Total	ND		5	5	25	µg/L	12/2/00	WMS2001130	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99	65 - 135
Dibromofluoromethane	108	57 - 139
Toluene-d8	99	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 #: WGC2001129 **Units:** µg/L
Matrix: Liquid **Date Analyzed:** 11/29/00

Parameter	Method	Method Blank	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	EPA 8015 M	ND		469		486.2	LCS	103.7			75.0 - 125.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			107		65 - 135					
Benzene	EPA 8020	ND		5.2		5.68	LCS	109.2			75.0 - 125.0
Ethyl Benzene	EPA 8020	ND		5.6		6.13	LCS	109.5			75.0 - 125.0
Toluene	EPA 8020	ND		29		27.8	LCS	95.9			75.0 - 125.0
Xylenes, total	EPA 8020	ND		32		32.7	LCS	102.2			75.0 - 125.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			98		65 - 135					
Methyl-t-butyl Ether	EPA 8020	ND		36		43.1	LCS	119.7			75.0 - 125.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			98		65 - 135					
TPH as Gasoline	EPA 8015 M	ND		469		477.2	LCSD	101.7	1.87	25.00	75.0 - 125.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			106		65 - 135					
Benzene	EPA 8020	ND		5.2		5.74	LCSD	110.4	1.05	25.00	75.0 - 125.0
Ethyl Benzene	EPA 8020	ND		5.6		6.06	LCSD	108.2	1.15	25.00	75.0 - 125.0
Toluene	EPA 8020	ND		29		27.6	LCSD	95.2	0.72	25.00	75.0 - 125.0
Xylenes, total	EPA 8020	ND		32		32.9	LCSD	102.8	0.61	25.00	75.0 - 125.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			96		65 - 135					
Methyl-t-butyl Ether	EPA 8020	ND		36		42.4	LCSD	117.8	1.64	25.00	75.0 - 125.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			96		65 - 135					

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WMS2001130
Matrix: Liquid

Units: µg/L
Date Analyzed: 11/30/00

Parameter	Method	Method Blank	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		40		35.8	LCS	89.5			65.0 - 135.0
Benzene	EPA 8260B	ND		40		38.1	LCS	95.3			65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		40		39.0	LCS	97.5			65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		40		35.3	LCS	88.3			65.0 - 135.0
Toluene	EPA 8260B	ND		40		39.1	LCS	97.8			65.0 - 135.0
Trichloroethene	EPA 8260B	ND		40		37.6	LCS	94.0			65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101	56 - 131
Dibromofluoromethane	96	65 - 135
Toluene-d8	96	65 - 135

Test: MTBE by EPA 8260B											
Methyl-t-butyl Ether	EPA 8260B	ND		40		35.3	LCS	88.3			75.0 - 125.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101	65 - 135
Dibromofluoromethane	96	65 - 135
Toluene-d8	96	65 - 135

Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		40		36.7	LCSD	91.8	2.48	25.00	65.0 - 135.0
Benzene	EPA 8260B	ND		40		38.8	LCSD	97.0	1.82	25.00	65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		40		40.3	LCSD	100.7	3.28	25.00	65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		40		36.5	LCSD	91.3	3.34	25.00	65.0 - 135.0
Toluene	EPA 8260B	ND		40		40.5	LCSD	101.3	3.52	25.00	65.0 - 135.0
Trichloroethene	EPA 8260B	ND		40		38.2	LCSD	95.5	1.58	25.00	65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	105	56 - 131
Dibromofluoromethane	99	65 - 135
Toluene-d8	100	65 - 135

Test: MTBE by EPA 8260B											
Methyl-t-butyl Ether	EPA 8260B	ND		40		36.5	LCSD	91.3	3.34	25.00	75.0 - 125.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	105	65 - 135
Dibromofluoromethane	99	65 - 135
Toluene-d8	100	65 - 135

CHAIN OF CUSTODY RECORD

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

SAMPLERS: *(Signature)* Richard Wranker

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	TPHd	EPA 8260 (6)	TBA	TAME	ETBE		REMARKS
1	11/27/00	12:30		✓	MW-1 23333-001	6	✓	✓	✓	✓	✓		Please also report
2	↓	13:40		✓	MW-2 002	6	✓	✓	✓	✓	✓		MTBE on 8260
3		14:50		✓	MW-3 003	6	✓	✓	✓	✓	✓		
4		11:35		✓	MW-4 004	6	✓	✓	✓	✓	✓		
5		10:30		✓	MW-5 005	6	✓	✓	✓	✓	✓		

00 NOV 27 13:56

00 NOV 27 15:03

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Receive by: *(Signature)*
Richard Wranker	11/27/00 12:30	Ron Heman	Ron Heman	11/27/00 1350	
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Martha Gonzalez	11/27/00 3:00				
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)*	Date / Time	Remarks	
				Please send report to Frank Hamedi	

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