

Rec. 11/27/00

revised

**QUARTERLY GROUNDWATER MONITORING  
AND SAMPLING FOR THE PROPERTY  
LOCATED AT 15595 WASHINGTON AVENUE  
SAN LORENZO, CALIFORNIA  
JUNE 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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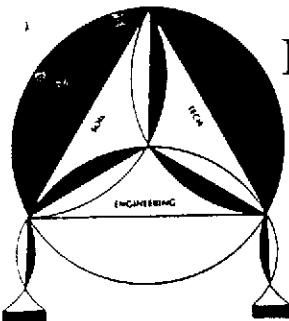
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**APPENDIX "D"**

ENTECH ANALYTICAL LABS REPORT AND CHAIN-OF-CUSTODY



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

June 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 May 24, 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.

Should 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 Toxicem 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 by drilling fifteen boreholes with the Geoprobe tools to collect soil and groundwater samples for analyses. The results of soil and groundwater samples detected

all the soil and groundwater below laboratory detection limit. The details of this investigation is described in ESTC's report titled "Preliminary Off-Site Soil and Groundwater Assessment for the Property...", dated May 15, 2000.

### **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 sampled for laboratory analyses (Figure 2).

*GROUNDWATER MONITORING:*

On May 24, 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-1 through MW-4 during field inspection. Only rainbow sheen was detected in monitoring well MW-5. The shallow groundwater table depths ranged from 7.22 feet (well MW-2) to 9.39 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 sample 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 May 24, 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 33 milligrams per liter (mg/L) and MTBE at 74 mg/L. Water sample from monitoring well MW-2 detected low level of TPHg at 46 mg/L and elevated level of MTBE at 180 mg/L. Water sample from monitoring well MW-3 detected low level of TPHg at 48 elevated level of MTBE at 200 mg/L. Groundwater sample from monitoring well MW-4 detected only low levels of TPHg at 0.21 mg/L and MTBE at 0.04 mg/L. Groundwater sample from well MW-5 detected low levels of TPHg at 3.3 mg/L; Benzene at 0.18 mg/L; Ethylbenzene at 0.14 mg/L and MTBE at 0.2 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. Four out of five wells detected BTEX concentrations below laboratory detection limit.

The depth to groundwater ranging from 7.22 feet to a maximum of 9.39 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

**A P P E N D I X "A"**

**ENVIRO SOIL TECH CONSULTANTS**

**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<5	ND<5	ND<5	ND<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
8/08/86	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
8/08/86	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
8/26/98	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
8/26/98	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

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)**

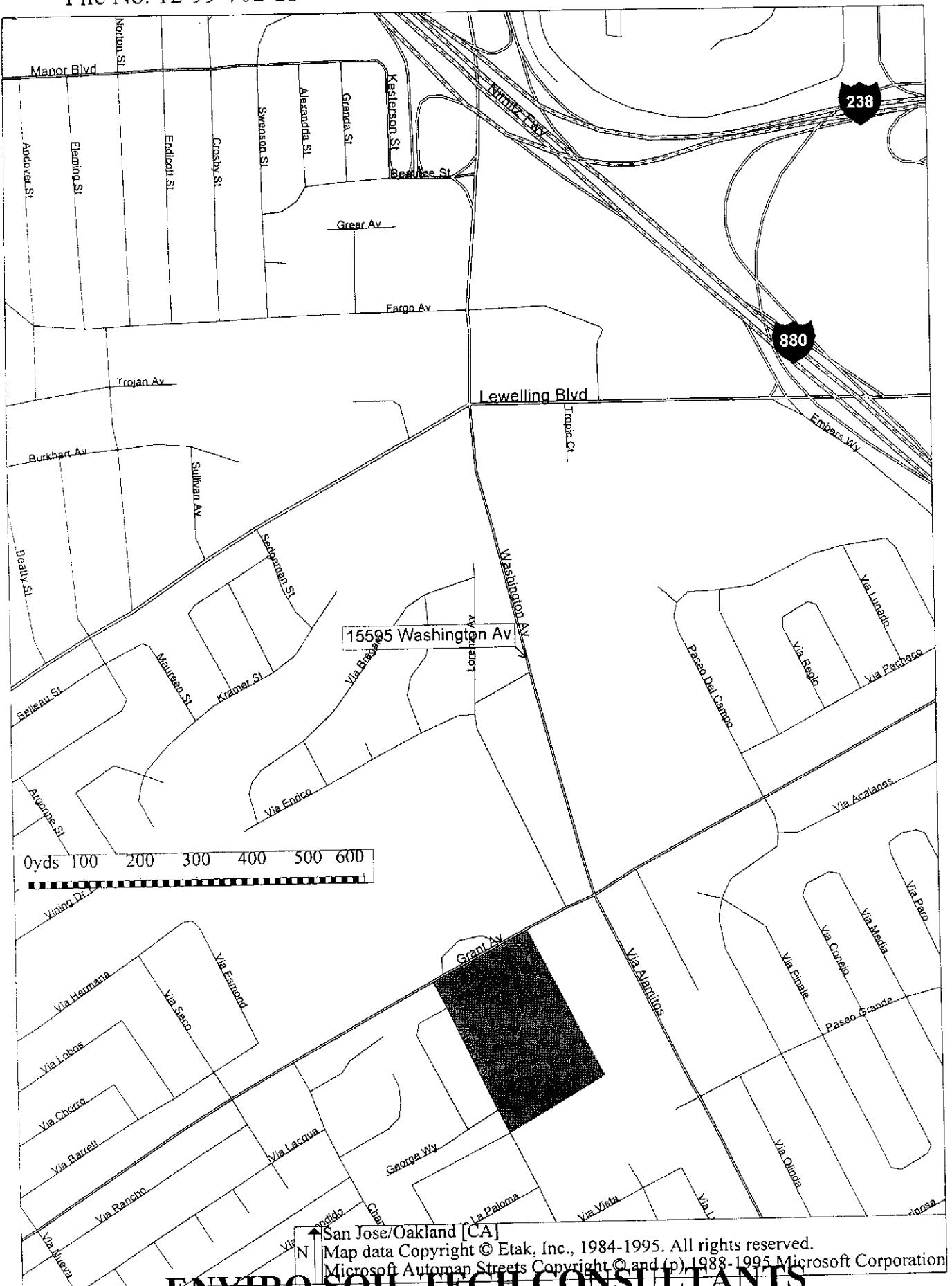
Date	Well No.	Volatile Organic Compounds	Concentration (mg/L)
5/24/00	MW-1	Methyl tert-butyl Ether	74
5/24/00	MW-2	Methyl tert-butyl Ether	180
5/24/00	MW-3	Methyl tert-butyl Ether	200
5/24/00	MW-4	Methyl tert-butyl Ether	0.04
5/24/00	MW-5	Benzene	0.18
		Ethylbenzene	0.14
		Isopropylbenzene	0.055
		Methyl tert-butyl Ether	0.2
		n-Butylbenzene	0.042
		n-Propylbenzene	0.2
		Naphthalene	0.12

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T4

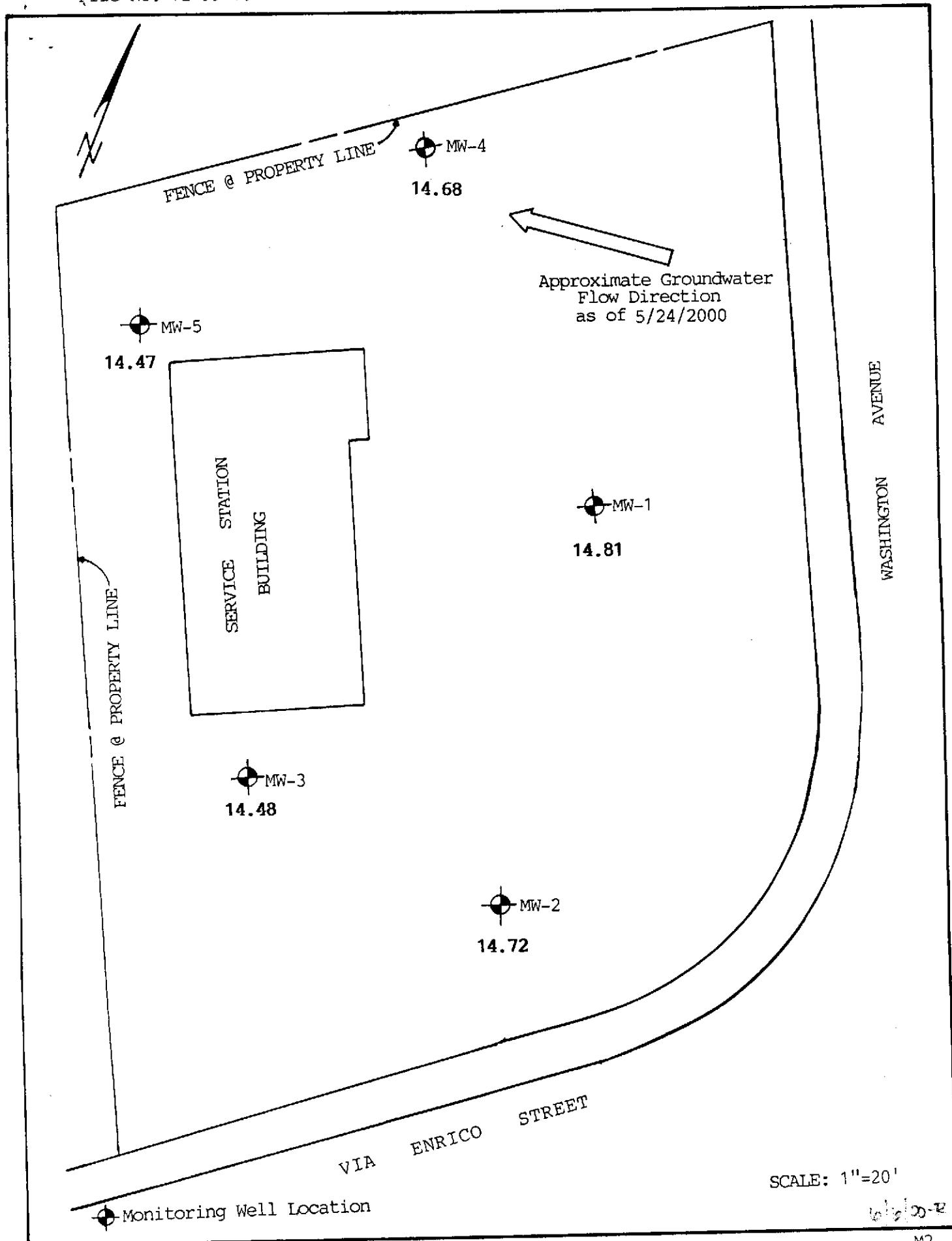
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**ENVIRO SOIL TECH CONSULTANTS**

Figure 1



SCALE: 1"=20'

1:2000

M2

Figure 2

**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.

**A P P E N D I X "D"**

**ENVIRO SOIL TECH CONSULTANTS**

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

June 02, 2000

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

**Order:** 20657  
**Project Name:** 15595 Washington Ave  
**Project Number:** 12-99-702-SI

**Date Collected:** 5/24/00  
**Date Received:** 5/25/00  
**P.O. Number:**

**Project Notes:**

On May 25, 2000, samples were received under documented chain of custody. Results for the following analyses are attached:

<u>Matrix</u>	<u>Test</u>	<u>Method</u>
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.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-001					Client Sample ID: MW-1							
Sample Time: 9:00 AM		Sample Date: 5/24/00					Matrix: Liquid							
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method				
TPH as Gasoline	33000	x	500	50	25000	µg/L	N/A	5/30/00	WGC4000530A	EPA 8015 MOD. (Purgeable)				
Surrogate aaa-Trifluorotoluene					Surrogate Recovery			Control Limits (%)						
					109			65 - 135						
Order ID: 20657		Lab Sample ID: 20657-002					Client Sample ID: MW-2							
Sample Time: 10:00 AM		Sample Date: 5/24/00					Matrix: Liquid							
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method				
TPH as Gasoline	46000	x	200	50	10000	µg/L	N/A	5/27/00	WGC4000526A	EPA 8015 MOD. (Purgeable)				
Surrogate aaa-Trifluorotoluene					Surrogate Recovery			Control Limits (%)						
					109			65 - 135						
Order ID: 20657		Lab Sample ID: 20657-003					Client Sample ID: MW-3							
Sample Time: 11:05 AM		Sample Date: 5/24/00					Matrix: Liquid							
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method				
TPH as Gasoline	48000	x	200	50	10000	µg/L	N/A	5/27/00	WGC4000526A	EPA 8015 MOD. (Purgeable)				
Surrogate aaa-Trifluorotoluene					Surrogate Recovery			Control Limits (%)						
					108			65 - 135						

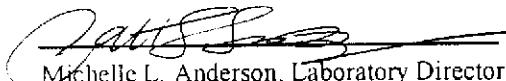
DF = Dilution Factor

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.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-004					Client Sample ID: MW-4									
Sample Time: 12:15 PM		Sample Date: 5/24/00					Matrix: Liquid									
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method						
TPH as Gasoline	210	1	50	50	μg/L	N/A	5/26/00	WGC4000526A	EPA 8015 MOD. (Purgeable)							
				Surrogate aaa-Trifluorotoluene			Surrogate Recovery 98			Control Limits (%) 65 - 135						
Order ID: 20657		Lab Sample ID: 20657-005					Client Sample ID: MW-5									
Sample Time: 1:10 PM		Sample Date: 5/24/00					Matrix: Liquid									
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method						
TPH as Gasoline	3300	5	50	250	μg/L	N/A	5/30/00	WGC4000530A	EPA 8015 MOD. (Purgeable)							
				Surrogate aaa-Trifluorotoluene			Surrogate Recovery 72			Control Limits (%) 65 - 135						

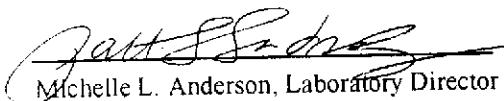
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Environmental Analysis Since 1983

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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: 20657		Lab Sample ID: 20657-001				Client Sample ID: MW-1			
Sample Time: 9:00 AM		Sample Date: 5/24/00				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	5/30/00	WMS000530	EPA 8260B
1,1,1-Trichloroethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,1,2-Trichloroethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,1-Dichloroethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,1-Dichloroethene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,1-Dichloropropene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2,3-Trichlorobenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2,3-Trichloropropane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2,4-Trichlorobenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2,4-Trimethylbenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dichlorobenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dichloroethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dichloropropane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,3,5-Trimethylbenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,3-Dichlorobenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,3-Dichloropropane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
1,4-Dichlorobenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
2,2-Dichloropropane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
2-Butanone (MEK)	ND		1000	20	20000	µg/L	5/30/00	WMS000530	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1000	20	20000	µg/L	5/30/00	WMS000530	EPA 8260B
2-Chlorotoluene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
2-Hexanone	ND		1000	20	20000	µg/L	5/30/00	WMS000530	EPA 8260B
4-Chlorotoluene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1000	20	20000	µg/L	5/30/00	WMS000530	EPA 8260B
Acetone	ND		1000	100	100000	µg/L	5/30/00	WMS000530	EPA 8260B
Acrylonitrile	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Allyl Chloride	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Benzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Benzyl Chloride	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Bromobenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Bromochloromethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Bromodichloromethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Bromoform	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B

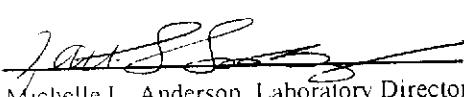
DF = Dilution Factor

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

Page 1 of 13

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-001				Client Sample ID: MW-1			
Sample Time: 9:00 AM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Carbon Disulfide	ND		1000	15	15000	µg/L	5/30/00	WMS000530	EPA 8260B
Carbon Tetrachloride	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Chlorobenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Chloroethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Chloroform	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Chloromethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,2-Dichloroethene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,3-Dichloropropene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1000	20	20000	µg/L	5/30/00	WMS000530	EPA 8260B
Dibromo-chloromethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Dibromomethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Dichlorodifluoromethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Dimethyl Ether	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Ethyl Benzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Ethyl Methacrylate	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Hexachlorobutadiene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Iodomethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Isopropylbenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Methacrylonitrile	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Methyl Methacrylate	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Methyl-t-butyl Ether	74000		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Methylene Chloride	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
n-Butylbenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
n-Propylbenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Naphthalene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
p-Isopropyltoluene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Pentachloroethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Propionitrile	ND		1000	20	20000	µg/L	5/30/00	WMS000530	EPA 8260B
sec-Butylbenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Styrene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Amyl Methyl Ether	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butanol	ND		1000	20	20000	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butyl Ethyl Ether	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butylbenzene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Tetrachloroethene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B

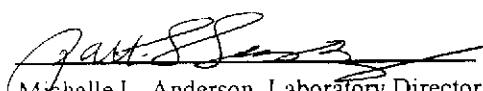
DF = Dilution Factor

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

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# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-001				Client Sample ID: MW-1			
Sample Time: 9:00 AM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Toluene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,2-Dichloroethene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,3-Dichloropropene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1000	20	20000	µg/L	5/30/00	WMS000530	EPA 8260B
Trichloroethene	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Trichlorofluoromethane	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Vinyl Chloride	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Nylens. Total	ND		1000	5	5000	µg/L	5/30/00	WMS000530	EPA 8260B
Surrogate		Surrogate Recovery				Control Limits (%)			
4-Bromofluorobenzene		92				65 - 135			
Dibromofluoromethane		115				65 - 135			
Toluene-d8		91				65 - 135			

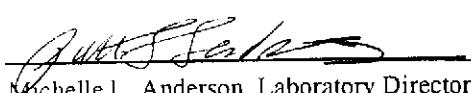
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Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

  
Michelle L. Anderson, Laboratory Director

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# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-002				Client Sample ID: MW-2			
Sample Time: 10:00 AM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,1,1-Trichloroethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,1,2-Trichloroethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,1-Dichloroethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,1-Dichloroethene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,1-Dichloropropene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2,3-Trichlorobenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2,3-Trichloropropane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2,4-Trichlorobenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2,4-Trimethylbenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2-Dibromoethane (LDB)	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2-Dichlorobenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2-Dichloroethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,2-Dichloropropane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,3,5-Trimethylbenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,3-Dichlorobenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,3-Dichloropropane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
1,4-Dichlorobenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
2,2-Dichloropropane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
2-Butanone (MEK)	ND		2500	20	50000	µg/L	6/1/00	WMS000530	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		2500	20	50000	µg/L	6/1/00	WMS000530	EPA 8260B
2-Chlorotoluene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
2-Hexanone	ND		2500	20	50000	µg/L	6/1/00	WMS000530	EPA 8260B
4-Chlorotoluene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		2500	20	50000	µg/L	6/1/00	WMS000530	EPA 8260B
Acetone	ND		2500	100	250000	µg/L	6/1/00	WMS000530	EPA 8260B
Acrylonitrile	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Allvi Chloride	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Benzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Benzyl Chloride	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Bromobenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Bromoacetonitrile	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Bromochloromethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Bromodichloromethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Bromoform	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B

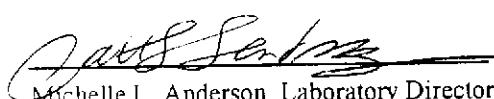
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PQL = Practical Quantitation Limit

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

  
Michelle L. Anderson, Laboratory Director

Page 4 of 15

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-002				Client Sample ID: MW-2			
Sample Time: 10:00 AM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Carbon Disulfide	ND		2500	15	37500	µg/L	6/1/00	WMS000530	EPA 8260B
Carbon Tetrachloride	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Chlorobenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Chloroethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Chloroform	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Chloromethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
cis-1,2-Dichloroethene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
cis-1,3-Dichloropropene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		2500	20	50000	µg/L	6/1/00	WMS000530	EPA 8260B
Dibromochloromethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Dibromomethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Dichlorodifluoromethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Dimethyl Ether	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Ethyl Benzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Ethyl Methacrylate	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Hexachlorobutadiene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Iodomethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Isopropylbenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Methacrylonitrile	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Methyl Methacrylate	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Methyl-t-butyl Ether	180000		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Methylene Chloride	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
n-Butylbenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
n-Propylbenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Naphthalene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
p-Isopropyltoluene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Pentachloroethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Propionitrile	ND		2500	20	50000	µg/L	6/1/00	WMS000530	EPA 8260B
sec-Butylbenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Styrene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
tert-Amyl Methyl Ether	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
tert-Butanol	ND		2500	20	50000	µg/L	6/1/00	WMS000530	EPA 8260B
tert-Butyl Ethyl Ether	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
tert-Butylbenzene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Tetrachloroethene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B

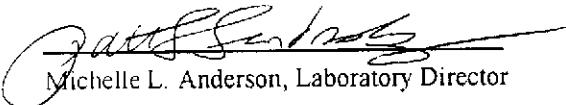
DF = Dilution Factor

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

Page 5 of 15

# Entech Analytical Labs, Inc.

CA ELAP# 2346

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-002				Client Sample ID: MW-2			
Sample Time: 10:00 AM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Toluene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
trans-1,2-Dichloroethene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
trans-1,3-Dichloropropene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		2500	20	50000	µg/L	6/1/00	WMS000530	EPA 8260B
Trichloroethene	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Trichlorofluoromethane	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Vinyl Chloride	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Xylenes, Total	ND		2500	5	12500	µg/L	6/1/00	WMS000530	EPA 8260B
Surrogate			Surrogate Recovery			Control Limits (%)			
						65 - 135			
			94			65 - 135			
			112			65 - 135			
			97			65 - 135			

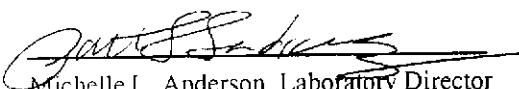
DF = Dilution Factor

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

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# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-003			Client Sample ID: MW-3						
Parameter	Result	Sample Time: 11:05 AM	Sample Date: 5/24/00	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,1,1-Trichloroethane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,1,2,2-Tetrachloroethane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,1,2-Trichloroethane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,1-Dichloroethane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,1-Dichloroethene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,1-Dichloropropene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2,3-Trichlorobenzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2,3-Trichloropropane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2,4-Trichlorobenzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2,4-Trimethylbenzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2-Dibromoethane (EDB)	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2-Dichlorobenzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2-Dichloroethane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,2-Dichloropropene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,3,5-Trimethylbenzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,3-Dichlorobenzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,3-Dichloropropane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
1,4-Dichlorobenzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
2,2-Dichloropropane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
2-Butanone (MEK)	ND				2500	20	50000	µg/L	5/31/00	WMS000530	EPA 8260B
2-Chloroethyl-vinyl Ether	ND				2500	20	50000	µg/L	5/31/00	WMS000530	EPA 8260B
2-Chlorotoluene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
2-Hexanone	ND				2500	20	50000	µg/L	5/31/00	WMS000530	EPA 8260B
4-Chlorotoluene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND				2500	20	50000	µg/L	5/31/00	WMS000530	EPA 8260B
Acetone	ND				2500	100	250000	µg/L	5/31/00	WMS000530	EPA 8260B
Acrylonitrile	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Allyl Chloride	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Benzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Benzyl Chloride	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Bromobenzene	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Bromoform	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Bromochloromethane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Bromodichloromethane	ND				2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B

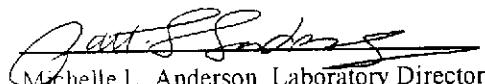
DF = Dilution Factor

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

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# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-003				Client Sample ID: MW-3			
Sample Time: 11:05 AM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Carbon Disulfide	ND		2500	15	37500	µg/L	5/31/00	WMS000530	EPA 8260B
Carbon Tetrachloride	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Chlorobenzene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Chloroethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Chloroform	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Chloromethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
cis-1,2-Dichloroethene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
cis-1,3-Dichloropropene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		2500	20	50000	µg/L	5/31/00	WMS000530	EPA 8260B
Dibromochloromethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Dibromomethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Dichlorodifluoromethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Diisopropyl Ether	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Ethyl Benzene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Ethyl Methacrylate	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Hexachlorobutadiene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Iodomethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Isopropylbenzene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Methacrylonitrile	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Methyl Methacrylate	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Methyl-t-butyl Ether	200000		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Methylene Chloride	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
n-Butylbenzene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
n-Propylbenzene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Naphthalene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
p-Isopropyltoluene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Pentachloroethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Propionitrile	ND		2500	20	50000	µg/L	5/31/00	WMS000530	EPA 8260B
sec-Butylbenzene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Styrene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
tert-Amyl Methyl Ether	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
tert-Butanol	ND		2500	20	50000	µg/L	5/31/00	WMS000530	EPA 8260B
tert-Butyl Ethyl Ether	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
tert-Butylbenzene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B
Tetrachloroethene	ND		2500	5	12500	µg/L	5/31/00	WMS000530	EPA 8260B

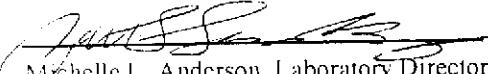
DF = Dilution Factor

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DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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

  
Michelle L. Anderson, Laboratory Director

Page 8 of 15

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-003			Client Sample ID: MW-3			
Sample Time: 11:05 AM		Sample Date: 5/24/00			Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID
Toluene	ND		2500	5	12500	µg/L	5/31/00	WMS000530
trans-1,2-Dichloroethene	ND		2500	5	12500	µg/L	5/31/00	WMS000530
trans-1,3-Dichloropropene	ND		2500	5	12500	µg/L	5/31/00	WMS000530
trans-1,4-Dichloro-2-butene	ND		2500	20	50000	µg/L	5/31/00	WMS000530
Trichloroethene	ND		2500	5	12500	µg/L	5/31/00	WMS000530
Trichlorofluoromethane	ND		2500	5	12500	µg/L	5/31/00	WMS000530
Vinyl Chloride	ND		2500	5	12500	µg/L	5/31/00	WMS000530
Nylenes, Total	ND		2500	5	12500	µg/L	5/31/00	WMS000530
Surrogate			Surrogate Recovery			Control Limits (%)		
						65 - 135		
			91			65 - 135		
			117			65 - 135		
			96			65 - 135		

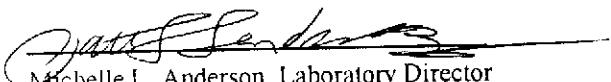
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Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

  
Michelle L. Anderson, Laboratory Director

Page 9 of 15

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-004				Client Sample ID: MW-4			
Sample Time: 12:15 PM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,1,1-Trichloroethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,1,2,2-Tetrachloroethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,1,2-Trichloroethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,1-Dichloroethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,1-Dichloroethene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,1-Dichloropropene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2,3-Trichlorobenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2,3-Trichloropropane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2,4-Trichlorobenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2,4-Trimethylbenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dibromoethane (EDB)	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dichlorobenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dichloroethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,2-Dichloropropane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,3,5-Trimethylbenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,3-Dichlorobenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,3-Dichloropropane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
1,4-Dichlorobenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
2,2-Dichloropropane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
2-Butanone (MEK)	ND	1	20	20	20	µg/L	5/30/00	WMS000530	EPA 8260B
2-Chloroethyl-vinyl Ether	ND	1	20	20	20	µg/L	5/30/00	WMS000530	EPA 8260B
2-Chlorotoluene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
2-Hexanone	ND	1	20	20	20	µg/L	5/30/00	WMS000530	EPA 8260B
4-Chlorotoluene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND	1	20	20	20	µg/L	5/30/00	WMS000530	EPA 8260B
Acetone	ND	1	100	100	100	µg/L	5/30/00	WMS000530	EPA 8260B
Acrylonitrile	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Allyl Chloride	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Benzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Benzyl Chloride	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Bromobenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Bromochloromethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Bromodichloromethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Bromoform	ND	1	5	5	5	µg/L	5/30/00	WMS000530	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

Page 10 of 15

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID:	20657	Lab Sample ID: 20657-004				Client Sample ID: MW-4			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Carbon Disulfide	ND	1	15	15	15	µg/L	5/30/00	WMS000530	EPA 8260B
Carbon Tetrachloride	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Chlorobenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Chloroethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Chloroform	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Chloromethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,2-Dichloroethene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,3-Dichloropropene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,4-Dichloro-2-butene	ND	1	20	20	20	µg/L	5/30/00	WMS000530	EPA 8260B
Dibromochloromethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Dibromoethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Dichlorodifluoromethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Dimethyl Ether	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Ethyl Benzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Ethyl Methacrylate	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Hexachlorobutadiene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Iodomethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Isopropylbenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Methacrylonitrile	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Methyl Methacrylate	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Methyl-t-butyl Ether	40	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Methylene Chloride	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
n-Butylbenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
n-Propylbenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Naphthalene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
p-Isopropyltoluene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Pentachloroethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Propionitrile	ND	1	20	20	20	µg/L	5/30/00	WMS000530	EPA 8260B
sec-Butylbenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Styrene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Amyl Methyl Ether	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butanol	ND	1	20	20	20	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butyl Ethyl Ether	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butylbenzene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Tetrachloroethene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B

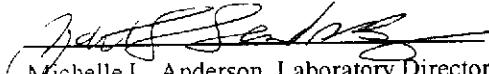
DF = Dilution Factor

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

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# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-004				Client Sample ID: MW-4			
Sample Time: 12:15 PM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Toluene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,2-Dichloroethene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,3-Dichloropropene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,4-Dichloro-2-butene	ND	1	20	20	20	µg/L	5/30/00	WMS000530	EPA 8260B
Trichloroethene	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Trichlorofluoromethane	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Vinyl Chloride	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Xylenes, Total	ND	1	5	5	5	µg/L	5/30/00	WMS000530	EPA 8260B
Surrogate		Surrogate Recovery				Control Limits (%)			
4-Bromofluorobenzene		96				65 - 135			
Dibromofluoromethane		114				65 - 135			
Toluene-d8		91				65 - 135			

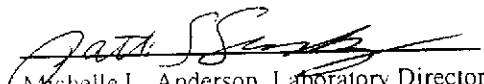
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ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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

  
Michelle L. Anderson, Laboratory Director

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Environmental Analysis Since 1983

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-005				Client Sample ID: MW-5			
Sample Time: 1:10 PM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,1,1-Trichloroethane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,1,2-Trichloroethane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,1-Dichloroethane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,1-Dichloroethene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,1-Dichloropropene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2,3-Trichloropropane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2,4-Trimethylbenzene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2-Dibromo-3-Chloropropane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2-Dichlorobenzene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2-Dichloroethane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,2-Dichloropropane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,3,5-Trimethylbenzene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,3-Dichlorobenzene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,3-Dichloropropane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
1,4-Dichlorobenzene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
2,2-Dichloropropane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
2-Butanone (MEK)	ND	5	20	100	μg/L	5/30/00	WMS000530	EPA 8260B	
2-Chloroethyl-vinyl Ether	ND	5	20	100	μg/L	5/30/00	WMS000530	EPA 8260B	
2-Chlorotoluene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
2-Hexanone	ND	5	20	100	μg/L	5/30/00	WMS000530	EPA 8260B	
4-Chlorotoluene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
4-Methyl-2-Pentanone(MIBK)	ND	5	20	100	μg/L	5/30/00	WMS000530	EPA 8260B	
Acetone	ND	5	100	500	μg/L	5/30/00	WMS000530	EPA 8260B	
Acrylonitrile	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
Allyl Chloride	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
Benzene	180	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
Benzyl Chloride	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
Bromobenzene	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
Bromoform	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
Bromochloromethane	ND	5	5	25	μg/L	5/30/00	WMS000530	EPA 8260B	
Bromodichloromethane	ND	5	5	25	μg/L	5/30/00	WMS000530	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

Page 13 of 15

Environmental Analysis Since 1983

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID:	20657	Lab Sample ID: 20657-005				Client Sample ID: MW-5			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Carbon Disulfide	ND		5	15	75	µg/L	5/30/00	WMS000530	EPA 8260B
Carbon Tetrachloride	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Chlorobenzene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Chloroethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Chloroform	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Chloromethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,2-Dichloroethene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,3-Dichloropropene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		5	20	100	µg/L	5/30/00	WMS000530	EPA 8260B
Dibromo-chloromethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Dibromomethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Dichlorodifluoromethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Diisopropyl Ether	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Ethyl Benzene	140		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Ethyl Methacrylate	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Hexachlorobutadiene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Iodomethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Isopropylbenzene	55		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Methacrylonitrile	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Methyl Methacrylate	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Methyl-t-butyl Ether	200		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Methylene Chloride	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
n-Butylbenzene	42		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
n-Propylbenzene	200		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Naphthalene	120		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
p-Isopropyltoluene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Pentachloroethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Propionitrile	ND		5	20	100	µg/L	5/30/00	WMS000530	EPA 8260B
sec-Butylbenzene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Styrene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Amyl Methyl Ether	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butanol	ND		5	20	100	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butyl Ethyl Ether	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
tert-Butylbenzene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Tetrachloroethene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B

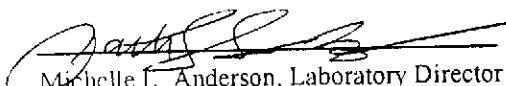
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DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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

  
Michelle L. Anderson, Laboratory Director

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Environmental Analysis Since 1983

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 6/2/00  
Date Received: 5/25/00  
Project Name: 15595 Washington Ave  
Project Number: 12-99-702-SI  
P.O. Number:  
Sampled By: Client

## Certified Analytical Report

Order ID: 20657		Lab Sample ID: 20657-005				Client Sample ID: MW-5			
Sample Time: 1:10 PM		Sample Date: 5/24/00				Matrix: Liquid			
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Toluene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,2-Dichloroethene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,3-Dichloropropene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		5	20	100	µg/L	5/30/00	WMS000530	EPA 8260B
Trichloroethene	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Trichlorofluoromethane	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Vinyl Chloride	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Nylenes, Total	ND		5	5	25	µg/L	5/30/00	WMS000530	EPA 8260B
Surrogate		Surrogate Recovery				Control Limits (%)			
						65 - 135			
						65 - 135			
						65 - 135			

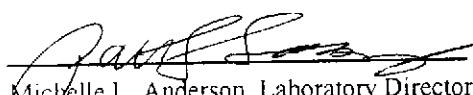
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## STANDARD LAB QUALIFIERS (FLAGS)

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.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

**QUALITY CONTROL RESULTS SUMMARY**

METHOD: Gas Chromatography

Laboratory Control Sample

QC Batch #: WGC4000530

Matrix: Liquid

Units:  $\mu\text{g}/\text{Liter}$

Date Analyzed: 05/30/00

Quality Control Sample: Blank Spike

PARAMETER	Method #	MB $\mu\text{g}/\text{Liter}$	SA $\mu\text{g}/\text{Liter}$	SR $\mu\text{g}/\text{Liter}$	SP $\mu\text{g}/\text{Liter}$	SP % R	SPD $\mu\text{g}/\text{Liter}$	SPD %R	% RPD	QC LIMITS	
										RPD	%R
Benzene	8020	<0.50	4.7	ND	4.9	104	4.6	98	6.2	25	70-130
Toluene	8020	<0.50	29	ND	28	97	28	95	2.0	25	70-130
Ethyl Benzene	8020	<0.50	5.6	ND	5.5	98	5.0	90	8.0	25	70-130
Xylenes	8020	<0.50	32	ND	31	97	30	92	5.2	25	70-130
Gasoline	8015	<50.0	469	ND	460	98	462	99	0.4	25	70-130
<i>aaa-TFT(S.S.)-FID</i>	8020				110%	101%		105%			65-135
<i>aaa-TFT(S.S.)-PID</i>	8015				103%	98%		96%			65-135

Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

nc: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

## QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

Laboratory Control Sample

QC Batch #: WGC4000526

Matrix: Liquid

Units:  $\mu\text{g}/\text{Liter}$ 

Date Analyzed: 05/26/00

Quality Control Sample: Blank Spike

PARAMETER	Method #	MB $\mu\text{g}/\text{Liter}$	SA $\mu\text{g}/\text{Liter}$	SR $\mu\text{g}/\text{Liter}$	SP $\mu\text{g}/\text{Liter}$	SP % R	SPD $\mu\text{g}/\text{Liter}$	SPD %R	% RPD	QC LIMITS	
										RPD	%R
Benzene	8020	<0.50	4.7	ND	4.9	104	4.7	100	3.2	25	70-130
Toluene	8020	<0.50	29	ND	28	96	29	99	2.7	25	70-130
Ethyl Benzene	8020	<0.50	5.6	ND	5.3	95	5.2	93	2.7	25	70-130
Xylenes	8020	<0.50	32	ND	32	98	31	96	2.0	25	70-130
Gasoline	8015	<50.0	469	ND	466	100	456	97	2.4	25	70-130
aaa-TFT/S.S.-FID	8020				113%	102%		103%			65-135
aaa-TFT/S.S.-PID	8015				108%	100%		101%			65-135

## Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

nc: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

## QUALITY CONTROL RESULTS SUMMARY

Volatile Organic Compounds  
Laboratory Control Sample

QC Batch #: WMS000530

Matrix: Liquid

Units:  $\mu\text{g/L}$ 

Date analyzed: 05/30/00

Spiked Sample: Blank Spike

PARAMETER	Method #	SA $\mu\text{g/L}$	SR $\mu\text{g/L}$	SP $\mu\text{g/L}$	SP %R	SPD $\mu\text{g/L}$	SPD %R	RPD	RPD	QC LIMITS %R
1,1-Dichloroethene	8240/8260	40	ND	38.3	96	44.1	110	14.1	25	50-150
Methyl-tert-butyl ether	8240/8260	40	ND	39.1	98	50.0	125	24.5	25	50-150
Benzene	8240/8260	40	ND	40.1	100	45.9	115	13.5	25	50-150
Trichloroethene	8240/8260	40	ND	40.4	101	45.3	113	11.4	25	50-150
Toluene	8240/8260	40	ND	40.1	100	44.2	111	9.7	25	50-150
Chlorobenzene	8240/8260	40	ND	39.1	98	44.5	111	12.9	25	50-150
<i>Surrogates</i>										
Toluene-d8	8240/8260		100%	100%		105%				65-135
Dibromofluoromethane	8240/8260		101%	100%		120%				65-135
4-Bromofluorobenzene	8240/8260		91%	103%		120%				65-135
MTBE-d3	8240/8260		97%	99%		124%				65-135

## Definition of Terms:

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

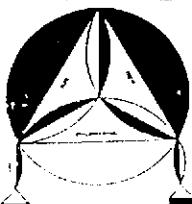
SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

## CHAIN OF CUSTODY RECORD

PROJ. NO. 12-99-702-SI	NAME 15595 Washington Ave., San Lorenzo		CONTAINER	ANALYSES REQUESTED (2) TDHg EDAT2960B	REMARKS					
SAMPLERS: (Signature) Richard Manley										
NO.	DATE	TIME	SOIL TYPE	LOCATION	6	✓ ✓				
001	5/24/00	9 <sup>00</sup>	✓	MW-1	6	✓ ✓			Please also report MTBE in 8260.	
002		10 <sup>00</sup>	✓	MW-2	6	✓ ✓				
003		11 <sup>05</sup>	✓	MW-3	6	✓ ✓				
004		12 <sup>15</sup>	✓	MW-4	6	✓ ✓				
005	5/25/00	13 <sup>10</sup>	✓	MW-5	6	✓ ✓				
										00 MAY 25 15:26
Relinquished by: (Signature) Richard Manley			Date / Time 5/25/00 13 <sup>44</sup>	Received by: (Signature) Leo Rodriguez	Relinquished by: (Signature) Leo Rodriguez			Date / Time 5/25/00 1525	Received by: (Signature)	
Relinquished by: (Signature)			Date / Time	Received by: (Signature) Amy Sandek	Relinquished by: (Signature)			Date / Time 5/25/00 1526	Received by: (Signature)	
Relinquished by: (Signature)			Date / Time	Received for Laboratory by: (Signature)	Date / Time			Remarks		



ENVIRO SOIL TECH CONSULTANTS

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