

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

ENVIRONMENTAL
PROTECTION
00 SEP 21 PM 3:49

**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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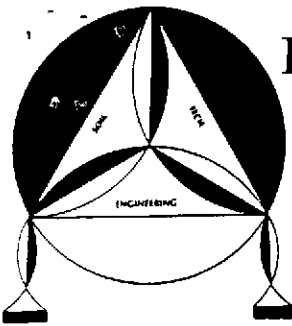
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GROUNDWATER SAMPLING

SOP1

APPENDIX "D"

ENTECH ANALYTICAL LABS REPORT AND CHAIN-OF-CUSTODY



ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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September 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 **August 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.

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 Callaris 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 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 August 24, 2000, ESTC's staff monitored seven monitoring wells (MW-1 to MW-5) for groundwater depth and presence of sheen and/or odor. No sheen or odor were detected in monitoring wells MW-1 through MW-4 during field inspection. Only light rainbow sheen was detected in monitoring well MW-5. The shallow groundwater table depths ranged from 8.39 feet (well MW-2) to 10.54 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, approximately four to five well volumes of water was purged from each well using a bailer before the sample was collected in order to assure the sample representative of surrounding groundwater. 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 northwesterly direction as of August 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 11 milligrams per liter (mg/L) and MTBE at 32 mg/L. Water sample from monitoring well MW-2 detected low level of TPHg at 21 mg/L and MTBE at 70 mg/L. Water sample from monitoring well MW-3 detected low level of TPHg at 52 and elevated level of MTBE at 170 mg/L. Groundwater sample from monitoring well MW-4 detected only low levels of TPHg at 0.16 mg/L; Toluene at 0.0074 mg/L and MTBE at 0.044 mg/L. Benzene, Ethylbenzene and Total Xylenes concentrations were below laboratory detection limit in water sample from well MW-4. Groundwater sample from well MW-5 detected low levels of TPHg at 3.2 mg/L; Benzene at 0.15 mg/L; Ethylbenzene at 0.091 mg/L and MTBE at 0.3 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-3 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. Three out of five wells detected BTEX concentrations below laboratory detection limit.

The depth to groundwater ranging from 8.39 feet to a maximum of 10.54 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.

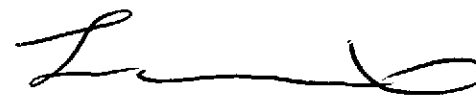
The services that ESTC provided have been in accordance with generally accepted environmental professional practices for the nature and conditions of work completed in the same or similar localities at the time the work was performed. The contents of this report reflect the conditions of the subject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

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 HAMEDIFARD
GENERAL MANAGER


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

A P P E N D I X "A"

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TABLE 1
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (ug/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 <0.0005	ND <0.0005	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 Resurveyed			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 Resurveyed			9.30	13.66	N/A	ND <0.05	0.017	ND <0.0005	ND <0.0005	ND <0.0005	340
1/26/99				7.96	15.00	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	269
4/06/99				8.01	14.95	N/A	3.5	0.296	ND <0.0005	0.043	0.0186	117
5/24/00	100.73 Resurveyed			8.24	92.49	No sheen or odor	33	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	74
8/24/00				9.43	91.30	No sheen or odor	11	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	32
8/08/86	MW-2 (N/A)	15	10	N/A	N/A	N/A	NA	ND <0.0005	ND <0.0005	NA	ND <0.0005	NA
11/12/92				10.55	N/A	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	NA
3/24/94	22.09 Resurveyed			7.87	14.22	N/A	ND <0.0	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 Resurveyed			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	WIDE
1/26/99	MW-2 (22.07)	15	10	7.29	14.78	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	9.45
4/06/99				7.28	14.79	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	209
5/24/00	99.62 Resurveyed			7.22	92.40	No sheen or odor	46	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	180
8/24/00				8.39	91.23	No sheen or odor	21	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	70
8/08/86	MW-3 (N/A)	16	10	N/A	N/A	N/A	NA	ND <0.0005	ND <0.0005	NA	ND <0.0005	NA
11/12/92				11.32	N/A	N/A	0.069	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	NA
3/24/94	22.73 Resurveyed			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 Resurveyed			9.29	13.45	N/A	ND <0.05	0.036	ND <0.0005	ND <0.0005	ND <0.0005	99
1/26/99				8.00	14.74	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	19.8
4/06/99				8.00	14.74	N/A	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	151
5/24/00	100.24 Resurveyed			8.08	92.16	No sheen or odor	48	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	200
8/24/00				9.24	91.00	No sheen or odor	52	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	170

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)	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	101.08 Resurveyed			8.72	92.36	No sheen or odor	0.21	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	0.04
8/24/00				9.88	91.20	No sheen or odor	0.16	ND <0.0005	0.0074	ND <0.0005	ND <0.0005	0.044
8/26/98	MW-5 (23.85)	19	N/A	10.51	13.34	N/A	6.6	0.24	ND <0.0005	0.38	0.084	ND <0.0005
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 <0.0005	0.28	ND <0.0005	ND <0.0005
5/24/00	101.54 Resurveyed			9.39	92.15	Rainbow sheen No odor	3.3	0.18	ND <0.0005	0.14	ND <0.0005	0.2
8/24/00				10.54	91.00	Light rainbow sheen No odor	3.2	0.15	ND <0.0005	0.091	ND <0.0005	0.3

TPHg - Total Petroleum Hydrocarbons as gasoline
MTBE - Methyl Tertiary Butyl Ether
N/A - Not Applicable
NA - Not Analyzed

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
Perf. - Perforation
GW Elev. - Groundwater Elevation
ND - Not Detected (Below Laboratory Detection Limit)

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
5/24/00	MW-2	Methyl tert-butyl Ether	180
8/24/00		Methyl tert-butyl Ether	70
5/24/00	MW-3	Methyl tert-butyl Ether	200
8/24/00		Methyl tert-butyl Ether	170
5/24/00	MW-4	Methyl tert-butyl Ether	0.04
8/24/00		Methyl tert-butyl Ether	0.044
		Toluene	0.0074
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
8/24/00		1,2,4-Trimethylbenzene	0.015
		Benzene	0.15
		Ethylbenzene	0.091
		Isopropylbenzene	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

A P P E N D I X "B"

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Figure 1

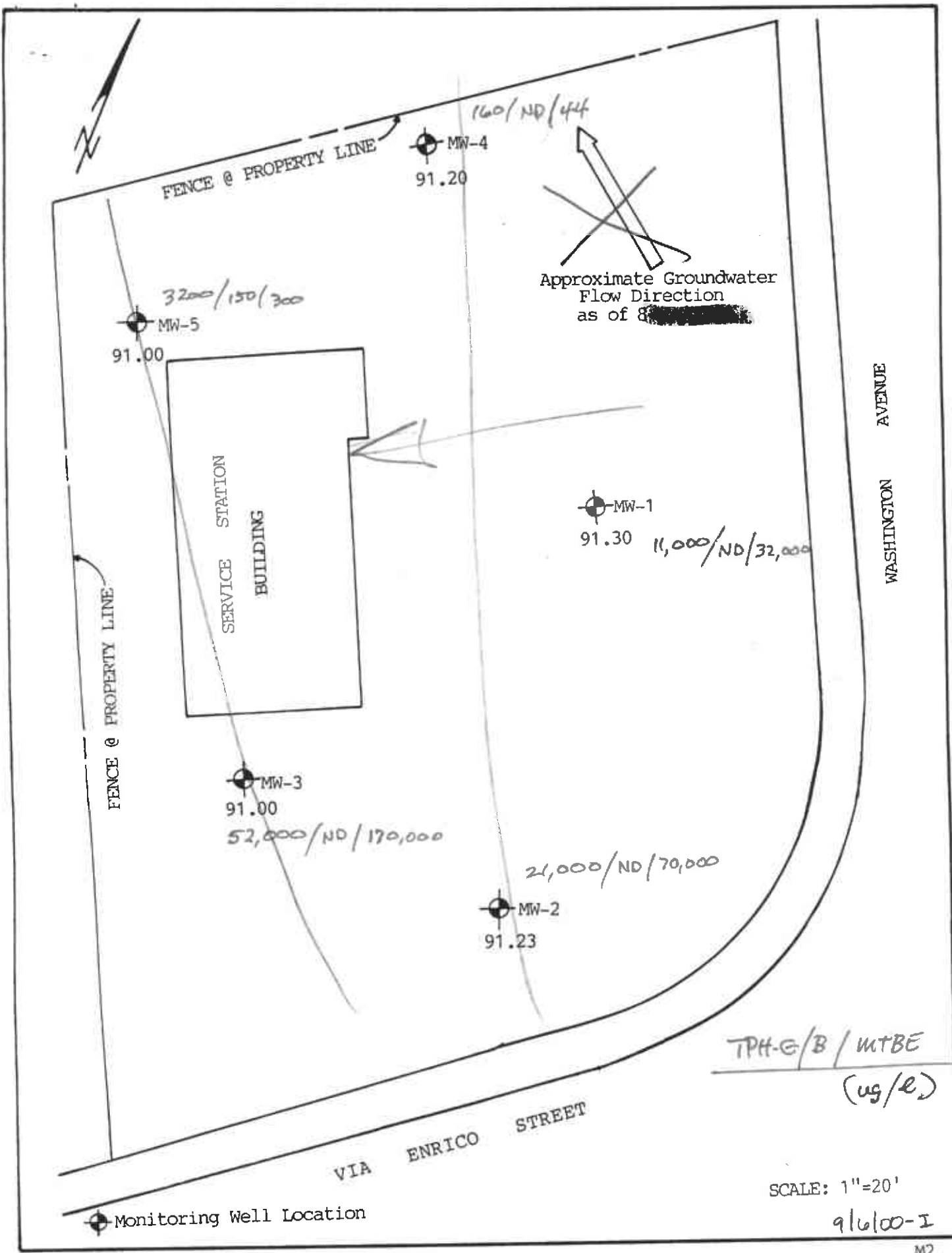


Figure 2

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 94085 • (408) 735-1550 • Fax (408) 735-1554

September 05, 2000

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

Order: 21981
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
Project Notes:

Date Collected: 8/24/00
Date Received: 8/28/00
P.O. Number:

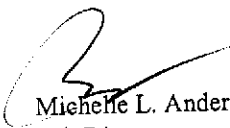
On August 28, 2000, samples were received under documented chain of custody. Results for the following analyses are attached:

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,


Michele L. Anderson
Lab Director

*received
4 days
after
sampling*

and what was the 11/01/00?

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: ~~8/28/00~~
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report


Order ID: 21981	Lab Sample ID: 21981- 001	Client Sample ID: MW-1								
Sample Time: 11:40 AM	Sample Date: 8/24/00	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	11000	x	100	50	5000	µg/L	N/A	8/31/00	WGC4000831	EPA 8015 MOD. (Purgeable)
				Surrogate			Surrogate Recovery	Control Limits (%)		
				aaa-Trifluorotoluene			112	65 - 135		

Order ID: 21981	Lab Sample ID: 21981- 002	Client Sample ID: MW-2								
Sample Time: 2:00 PM	Sample Date: 8/24/00	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	21000	x	100	50	5000	µg/L	N/A	8/31/00	WGC4000831	EPA 8015 MOD. (Purgeable)
				Surrogate			Surrogate Recovery	Control Limits (%)		
				aaa-Trifluorotoluene			115	65 - 135		

Order ID: 21981	Lab Sample ID: 21981- 003	Client Sample ID: MW-3								
Sample Time: 12:50 PM	Sample Date: 8/24/00	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	52000	x	200	50	10000	µg/L	N/A	8/31/00	WGC4000831	EPA 8015 MOD. (Purgeable)
				Surrogate			Surrogate Recovery	Control Limits (%)		
				aaa-Trifluorotoluene			110	65 - 135		

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

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


Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

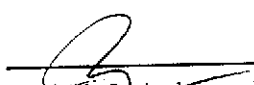
Certified Analytical Report

Order ID: 21981	Lab Sample ID: 21981-004	Client Sample ID: MW-4								
Sample Time: 9:30 AM	Sample Date: 8/24/00	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	160		1	50	50	µg/L	N/A	9/1/00	WGC4000831	EPA 8015 MOD. (Purgeable)
				Surrogate		Surrogate Recovery		Control Limits (%)		
				aaa-Trifluorotoluene		103		65 - 135		

Order ID: 21981	Lab Sample ID: 21981-005	Client Sample ID: MW-5								
Sample Time: 10:35 AM	Sample Date: 8/24/00	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	3200		5	50	250	µg/L	N/A	8/31/00	WGC4000831	EPA 8015 MOD. (Purgeable)
				Surrogate		Surrogate Recovery		Control Limits (%)		
				aaa-Trifluorotoluene		65		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

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
 Date Received: 8/28/00
 Project Name: 15595 Washington Ave
 Project Number: 12-99-702-SI
 P.O. Number:
 Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-001

Client Sample ID: MW-1

Sample Time: 11:40 AM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,1,1-Trichloroethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,1,2-Trichloroethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,1-Dichloroethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,1-Dichloroethene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,1-Dichloropropene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2,3-Trichlorobenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2,3-Trichloropropane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2,4-Trichlorobenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2,4-Trimethylbenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2-Dibromoethane (EDB)	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2-Dichlorobenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2-Dichloroethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,2-Dichloropropane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,3,5-Trimethylbenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,3-Dichlorobenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,3-Dichloropropane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
1,4-Dichlorobenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
2,2-Dichloropropane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
2-Butanone (MEK)	ND		400	20	8000	µg/L	9/5/00	WMS2000901	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
2-Chlorotoluene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
2-Hexanone	ND		400	20	8000	µg/L	9/5/00	WMS2000901	EPA 8260B
4-Chlorotoluene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		400	20	8000	µg/L	9/5/00	WMS2000901	EPA 8260B
Acetone	ND		400	100	40000	µg/L	9/5/00	WMS2000901	EPA 8260B
Acrylonitrile	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Allyl Chloride	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Benzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Benzyl Chloride	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Bromobenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Bromochloromethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Bromodichloromethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Bromoform	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Bromomethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B


DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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


 Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants

131 Tully Road

San Jose, CA 95111

Attn: Richard Munley

Date: 9/5/00

Date Received: 8/28/00

Project Name: 15595 Washington Ave

Project Number: 12-99-702-SI

P.O. Number:

Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-001

Client Sample ID: MW-1

Sample Time: 11:40 AM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		400	15	6000	µg/L	9/5/00	WMS2000901	EPA 8260B
Carbon Tetrachloride	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Chlorobenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Chloroethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Chloroform	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Chloromethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
cis-1,2-Dichloroethene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
cis-1,3-Dichloropropene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		400	20	8000	µg/L	9/5/00	WMS2000901	EPA 8260B
Dibromochloromethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Dibromomethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Dichlorodifluoromethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Diisopropyl Ether	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Ethyl Benzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Ethyl Methacrylate	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Hexachlorobutadiene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Iodomethane	ND		400	20	8000	µg/L	9/5/00	WMS2000901	EPA 8260B
Isopropylbenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Methacrylonitrile	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Methyl Methacrylate	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Methyl-t-butyl Ether	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Methylene Chloride	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
n-Butylbenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
n-Propylbenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Naphthalene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
p-Isopropyltoluene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Pentachloroethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Propionitrile	ND		400	20	8000	µg/L	9/5/00	WMS2000901	EPA 8260B
sec-Butylbenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Styrene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
tert-Amyl Methyl Ether	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
tert-Butanol	ND		400	20	8000	µg/L	9/5/00	WMS2000901	EPA 8260B
tert-Butyl Ethyl Ether	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
tert-Butylbenzene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Tetrachloroethene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Toluene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
trans-1,2-Dichloroethene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B

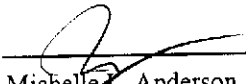
DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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


Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Page 2 of 15

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-001

Client Sample ID: MW-1

Sample Time: 11:40 AM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		400	20	8000	µg/L	9/5/00	WMS2000901	EPA 8260B
Trichloroethene	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Trichlorofluoromethane	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Vinyl Chloride	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
Xylenes, Total	ND		400	5	2000	µg/L	9/5/00	WMS2000901	EPA 8260B
	Surrogate			Surrogate Recovery			Control Limits (%)		
	4-Bromofluorobenzene			102			65 - 135		
	Dibromofluoromethane			96			65 - 135		
	Toluene-d8			92			65 - 135		

DF = Dilution Factor

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Page 3 of 15

Entech Analytical Labs, Inc.

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

Date: 9/5/00
 Date Received: 8/28/00
 Project Name: 15595 Washington Ave
 Project Number: 12-99-702-SI
 P.O. Number:
 Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-002

Client Sample ID: MW-2

Sample Time: 2:00 PM

Sample Date: 8/24/00

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	9/3/00	WMS2000828	EPA 8260B
1,1,1-Trichloroethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,2-Trichloroethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloroethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloroethene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloropropene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,3-Trichlorobenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,3-Trichloropropane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,4-Trichlorobenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,4-Trimethylbenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dibromoethane (EDB)	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichlorobenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichloroethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichloropropane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3,5-Trimethylbenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3-Dichlorobenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3-Dichloropropane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
1,4-Dichlorobenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
2,2-Dichloropropane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Butanone (MEK)	ND		500	20	10000	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Chlorotoluene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Hexanone	ND		500	20	10000	µg/L	9/3/00	WMS2000828	EPA 8260B
4-Chlorotoluene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		500	20	10000	µg/L	9/3/00	WMS2000828	EPA 8260B
Acetone	ND		500	100	50000	µg/L	9/3/00	WMS2000828	EPA 8260B
Acrylonitrile	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Allyl Chloride	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Benzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Benzyl Chloride	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromobenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromochloromethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromodichloromethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromoform	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromomethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B

DF = Dilution Factor

ND = Not Detected

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Page 4 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: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-002

Client Sample ID: MW-2

Sample Time: 2:00 PM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		500	15	7500	µg/L	9/3/00	WMS2000828	EPA 8260B
Carbon Tetrachloride	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Chlorobenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloroethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloroform	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloromethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,2-Dichloroethene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,3-Dichloropropene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		500	20	10000	µg/L	9/3/00	WMS2000828	EPA 8260B
Dibromochloromethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Dibromomethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Dichlorodifluoromethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Diisopropyl Ether	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Ethyl Benzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Ethyl Methacrylate	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Hexachlorobutadiene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Iodomethane	ND		500	20	10000	µg/L	9/3/00	WMS2000828	EPA 8260B
Isopropylbenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Methacrylonitrile	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Methyl Methacrylate	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Methyl-t-butyl Ether	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Methylene Chloride	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
n-Butylbenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
n-Propylbenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Naphthalene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
p-Isopropyltoluene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Pentachloroethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Propionitrile	ND		500	20	10000	µg/L	9/3/00	WMS2000828	EPA 8260B
sec-Butylbenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Styrene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Amyl Methyl Ether	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butanol	ND		500	20	10000	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butyl Ethyl Ether	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butylbenzene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Tetrachloroethene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Toluene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
trans-1,2-Dichloroethene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B

DF = Dilution Factor

ND = Not Detected

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Page 5 of 15

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-002

Client Sample ID: MW-2

Sample Time: 2:00 PM

Sample Date: 8/24/00

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	9/3/00	WMS2000828	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		500	20	10000	µg/L	9/3/00	WMS2000828	EPA 8260B
Trichloroethene	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Trichlorofluoromethane	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Vinyl Chloride	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B
Xylenes, Total	ND		500	5	2500	µg/L	9/3/00	WMS2000828	EPA 8260B

Surrogate

Surrogate Recovery

Control Limits (%)

4-Bromofluorobenzene
Dibromofluoromethane
Toluene-d8

106
100
92

65 - 135
65 - 135
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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Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-003

Client Sample ID: MW-3

Sample Time: 12:50 PM

Sample Date: 8/24/00

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	9/3/00	WMS2000828	EPA 8260B
1,1,1-Trichloroethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,2-Trichloroethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloroethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloroethene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloropropene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,3-Trichlorobenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,3-Trichloropropane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,4-Trichlorobenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,4-Trimethylbenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichlorobenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichloroethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichloropropane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3,5-Trimethylbenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3-Dichlorobenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3-Dichloropropane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
1,4-Dichlorobenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
2,2-Dichloropropane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Butanone (MEK)	ND		1000	20	20000	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Chlorotoluene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Hexanone	ND		1000	20	20000	µg/L	9/3/00	WMS2000828	EPA 8260B
4-Chlorotoluene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1000	20	20000	µg/L	9/3/00	WMS2000828	EPA 8260B
Acetone	ND		1000	100	100000	µg/L	9/3/00	WMS2000828	EPA 8260B
Acrylonitrile	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Allyl Chloride	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Benzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Benzyl Chloride	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromobenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromochloromethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromodichloromethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromoform	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromomethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-003

Client Sample ID: MW-3

Sample Time: 12:50 PM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1000	15	15000	µg/L	9/3/00	WMS2000828	EPA 8260B
Carbon Tetrachloride	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Chlorobenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloroethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloroform	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloromethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,2-Dichloroethene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,3-Dichloropropene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1000	20	20000	µg/L	9/3/00	WMS2000828	EPA 8260B
Dibromochloromethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Dibromomethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Dichlorodifluoromethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Diisopropyl Ether	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Diethyl Benzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Ethyl Methacrylate	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Hexachlorobutadiene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Iodomethane	ND		1000	20	20000	µg/L	9/3/00	WMS2000828	EPA 8260B
Isopropylbenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Methacrylonitrile	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Methyl Methacrylate	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Methyl-t-butyl Ether	170000		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Methylene Chloride	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
n-Butylbenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
n-Propylbenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Naphthalene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
p-Isopropyltoluene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Pentachloroethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Propionitrile	ND		1000	20	20000	µg/L	9/3/00	WMS2000828	EPA 8260B
sec-Butylbenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Styrene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Amyl Methyl Ether	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butanol	ND		1000	20	20000	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butyl Ethyl Ether	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butylbenzene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Tetrachloroethene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Toluene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
trans-1,2-Dichloroethene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-003

Client Sample ID: MW-3

Sample Time: 12:50 PM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1000	20	20000	µg/L	9/3/00	WMS2000828	EPA 8260B
Trichloroethene	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Trichlorofluoromethane	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Vinyl Chloride	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
Xylenes, Total	ND		1000	5	5000	µg/L	9/3/00	WMS2000828	EPA 8260B
	Surrogate			Surrogate Recovery			Control Limits (%)		
	4-Bromofluorobenzene			90			65 - 135		
	Dibromofluoromethane			125			65 - 135		
	Toluene-d8			98			65 - 135		


DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

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


Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-004

Client Sample ID: MW-4

Sample Time: 9:30 AM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	9/3/00	WMS2000828	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	9/3/00	WMS2000828	EPA 8260B
Acetone	ND		1	100	100	µg/L	9/3/00	WMS2000828	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Benzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromobenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromoform	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromomethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B

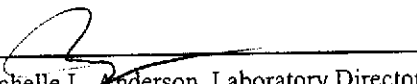
DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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


Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-004

Client Sample ID: MW-4

Sample Time: 9:30 AM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1	15	15	µg/L	9/3/00	WMS2000828	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloroethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloroform	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloromethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/L	9/3/00	WMS2000828	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Dibromomethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Iodomethane	ND		1	20	20	µg/L	9/3/00	WMS2000828	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Methyl-t-butyl Ether	44		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Propionitrile	ND		1	20	20	µg/L	9/3/00	WMS2000828	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Styrene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butanol	ND		1	20	20	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Toluene	7.4		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B


DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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


Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-004

Client Sample ID: MW-4

Sample Time: 9:30 AM

Sample Date: 8/24/00

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	9/3/00	WMS2000828	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/L	9/3/00	WMS2000828	EPA 8260B
Trichloroethene	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/L	9/3/00	WMS2000828	EPA 8260B

Surrogate

Surrogate Recovery

Control Limits (%)

4-Bromofluorobenzene
Dibromofluoromethane
Toluene-d8

94
119
98

65 - 135
65 - 135
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

Page 12 of 15

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554


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

Date: 9/5/00
 Date Received: 8/28/00
 Project Name: 15595 Washington Ave
 Project Number: 12-99-702-SI
 P.O. Number:
 Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981	Lab Sample ID: 21981-005	Client Sample ID: MW-5							
Sample Time: 10:35 AM	Sample Date: 8/24/00	Matrix: Liquid							
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,1-Trichloroethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1,2-Trichloroethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloroethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloroethene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,1-Dichloropropene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,3-Trichlorobenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,3-Trichloropropane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,4-Trichlorobenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2,4-Trimethylbenzene	15		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dibromoethane (EDB)	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichlorobenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichloroethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,2-Dichloropropane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3,5-Trimethylbenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3-Dichlorobenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,3-Dichloropropane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
1,4-Dichlorobenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
2,2-Dichloropropane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Butanone (MEK)	ND		2	20	40	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Chlorotoluene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
2-Hexanone	ND		2	20	40	µg/L	9/3/00	WMS2000828	EPA 8260B
4-Chlorotoluene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		2	20	40	µg/L	9/3/00	WMS2000828	EPA 8260B
Acetone	ND		2	100	200	µg/L	9/3/00	WMS2000828	EPA 8260B
Acrylonitrile	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Allyl Chloride	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Benzene	150		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Benzyl Chloride	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromobenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromochloromethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromodichloromethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromoform	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Bromomethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
 Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


 Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981	Lab Sample ID: 21981-005	Client Sample ID: MW-5							
Sample Time: 10:35 AM	Sample Date: 8/24/00	Matrix: Liquid							
Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		2	15	30	µg/L	9/3/00	WMS2000828	EPA 8260B
Carbon Tetrachloride	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Chlorobenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloroethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloroform	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Chloromethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,2-Dichloroethene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,3-Dichloropropene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		2	20	40	µg/L	9/3/00	WMS2000828	EPA 8260B
Dibromochloromethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Dibromomethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Dichlorodifluoromethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Diisopropyl Ether	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Ethyl Benzene	91		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Ethyl Methacrylate	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Hexachlorobutadiene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Iodomethane	ND		2	20	40	µg/L	9/3/00	WMS2000828	EPA 8260B
Isopropylbenzene	38		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Methacrylonitrile	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Methyl Methacrylate	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Methyl-t-butyl Ether	300		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Methylene Chloride	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
n-Butylbenzene	29		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
n-Propylbenzene	140		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Naphthalene	87		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
p-Isopropyltoluene	28		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Pentachloroethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Propionitrile	ND		2	20	40	µg/L	9/3/00	WMS2000828	EPA 8260B
sec-Butylbenzene	12		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Styrene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Amyl Methyl Ether	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butanol	ND		2	20	40	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butyl Ethyl Ether	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
tert-Butylbenzene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Tetrachloroethene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Toluene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
trans-1,2-Dichloroethene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B


DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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


Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 9/5/00
Date Received: 8/28/00
Project Name: 15595 Washington Ave
Project Number: 12-99-702-SI
P.O. Number:
Sampled By: Richard Munley

Certified Analytical Report

Order ID: 21981

Lab Sample ID: 21981-005

Client Sample ID: MW-5

Sample Time: 10:35 AM

Sample Date: 8/24/00

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		2	20	40	µg/L	9/3/00	WMS2000828	EPA 8260B
Trichloroethene	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Trichlorofluoromethane	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Vinyl Chloride	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B
Xylenes, Total	ND		2	5	10	µg/L	9/3/00	WMS2000828	EPA 8260B

Surrogate

Surrogate Recovery

Control Limits (%)

4-Bromofluorobenzene
Dibromofluoromethane
Toluene-d8

95
117
97

65 - 135
65 - 135
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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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

Volatile Organic Compounds
Laboratory Control Sample

QC Batch #: WMS2000828
Matrix: Liquid
Units: µg/L

Date analyzed: 08/28/00
Spiked Sample: Blank Spike

PARAMETER	Method #	SA µg/L	SR µg/L	SP µg/L	SP %R	SPD µg/L	SPD %R	RPD	QC LIMITS	
									RPD	%R
1,1- Dichloroethene	8240/8260	40	ND	41.8	104	48.5	121	15.0	25	50-150
Benzene	8240/8260	40	ND	40.4	101	50.3	126	21.6	25	50-150
Trichloroethene	8240/8260	40	ND	39.2	98	49.1	123	22.6	25	50-150
Toluene	8240/8260	40	ND	38.6	97	43.3	108	11.5	25	50-150
Chlorobenzene	8240/8260	40	ND	42.2	105	49.3	123	15.6	25	50-150
<i>Surrogates</i>										
Dibromofluoromethane	8240/8260		94%	99%		105%				65-135
Toluene-d8	8240/8260		94%	92%		95%				65-135
4-Bromofluorobenzene	8240/8260		100%	103%		99%				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

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography
Laboratory Control Sample

QC Batch #: WGC4000831
Matrix: Liquid
Units: µg/Liter

Date Analyzed: 08/31/00
Quality Control Sample: Blank Spike

PARAMETER	Method #	MB µg/Liter	SA µg/Liter	SR µg/Liter	SP µg/Liter	SP % R	SPD µg/Liter	SPD %R	% RPD	QC LIMITS	
										RPD	%R
Benzene	8020	<0.50	5.2	ND	5.7	110	5.7	110	0.6	25	70-130
Toluene	8020	<0.50	29	ND	31	106	31	106	0.4	25	70-130
Ethyl Benzene	8020	<0.50	5.6	ND	5.8	103	5.8	103	0.3	25	70-130
Xylenes	8020	<0.50	32	ND	32	100	33	101	1.0	25	70-130
Gasoline	8015	<50.0	469	ND	454	97	448	96	1.4	25	70-130
aaa-TFT(S.S.)-FID	8020			117%	107%		105%				65-135
aaa-TFT(S.S.)-PID	8015			109%	103%		99%				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 #: WMS2000901
Matrix: Liquid
Units: µg/L

Date analyzed: 09/01/00
Spiked Sample: Blank Spike

PARAMETER	Method #	SA µg/L	SR µg/L	SP µg/L	SP %R	SPD µg/L	SPD %R	RPD	QC LIMITS	
									RPD	%R
1,1- Dichloroethene	8240/8260	40	ND	32.4	81	36.6	92	12.2	25	50-150
Benzene	8240/8260	40	ND	32.7	82	37.5	94	13.7	25	50-150
Trichloroethene	8240/8260	40	ND	33.5	84	37.1	93	10.2	25	50-150
Toluene	8240/8260	40	ND	31.4	79	30.5	76	2.9	25	50-150
Chlorobenzene	8240/8260	40	ND	33.9	85	37.7	94	10.6	25	50-150
<i>Surrogates</i>										
Dibromofluoromethane	8240/8260		113%	101%		95%				65-135
Toluene-d8	8240/8260		100%	90%		83%				65-135
4-Bromofluorobenzene	8240/8260		90%	88%		122%				65-135

Definition of Terms:

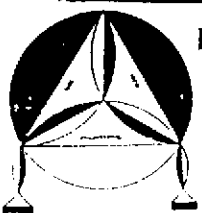
- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike Duplicate % Recovery

CHAIN OF CUSTODY RECORD

PROJ. NO.		NAME										REMARKS	
12-99-702-S1		15595 Washington Ave., San Lorenzo											
SAMPLERS: (Signature)													
Richard Manley													
NO.	DATE	TIME	SOIL	WATER	LOCATION	CON-TAINER	ANALYSES REQUESTED						
1	8/24/00	11:40		✓	MW-1	6	✓	✓	2981-001	Please also report MTBE			
2	↓	14 ⁰⁰		✓	MW-2	6	✓	✓	-002	in EPA 8260			
3	↓	12 ⁵⁰		✓	MW-3	6	✓	✓	-003				
4	↓	9:30		✓	MW-4	6	✓	✓	-004				
5	↓	10 ³⁵		✓	MW-5	6	✓	✓	-005				

00 AUG 28 16:22

Relinquished by: (Signature) Richard Manley	Date / Time 8/28/00 15 ⁰⁹	Received by: (Signature) Leo Reddy	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature) Leo Reddy	Date / Time 8/28/00 16:22	Received for Laboratory by: (Signature)	Date / Time 8/28/00 16:22	Remarks Please send the analytical report to Frank Hamed	



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