

ENVIRONMENTAL
PROTECTION

95 APR 31 PM 3: 11

R. William Rudolph, Jr., PE
Thomas E. Cundey, PE
Jeriann N. Alexander, PE

April 28, 1995
SCI 609.002

Ms. Marianne Robison
Buttner Properties
600 West Grand Avenue
Oakland, California 94612

**Quarterly Groundwater Monitoring
March 1995 Event
2250 Telegraph Avenue
Oakland, California**

Dear Ms. Robison:

This letter records the results of the March 1995 groundwater monitoring event for the referenced site. The groundwater monitoring program has been implemented in accordance with Regional Water Quality Control Board and the Alameda County Health Care Services Agency guidelines due to the presence of petroleum hydrocarbons and solvents in the soil beneath previous underground storage tanks. The program requires that the four existing wells be monitored on a quarterly basis. The locations of the wells and former tanks are presented on the Site Plan, Plate 1.

Groundwater Sampling

On March 17, 1995, the four existing wells (MW-1, MW-2, MW-3 and MW-4) were sampled. In general, the event consisted of (1) measuring groundwater levels using an electric well sounder, (2) checking for free product, (3) purging water from each well until pH, conductivity and temperature had stabilized, and (4) after the wells had recovered to at least 80 percent of their initial level, sampling the wells with new disposable bailers. The samples were retained in glass containers pre-cleaned by the supplier in accordance with EPA protocol. The containers were placed in an ice filled cooler and remained iced until delivery to the analytical laboratory. Chain-of-Custody documents accompanied the samples to the laboratory. Copies of Chain-of-Custody document and well sampling forms are attached.

■ **Subsurface Consultants, Inc.**

171 12th Street • Suite 201 • Oakland, California 94607 • Telephone 510-268-0461 • FAX 510-268-0137

Ms. Marianne Robison
Buttner Properties
April 28, 1995
SCI 609.002
Page 2

Analytical testing was performed by CHROMALAB, Inc., a laboratory certified by the State of California Department of Health Services for hazardous waste and water testing. A sample from each well was analyzed for the following:

1. Total volatile hydrocarbons (TVH), EPA Methods 5030/8015,
2. Total extractable hydrocarbons (TEH), EPA Methods 3550/8015, and
3. Volatile organic compounds (VOC), EPA Methods 8010/8020.

The sample from well MW-4 adjacent to the former waste oil tank was also analyzed for total oil and grease (TOG), SMWW 17:5520.

A summary of the current and previous analytical test results are presented in Table 1. The groundwater level data are presented in Table 2. The analytical test report is attached.

Conclusions

Based on the groundwater data presented in Table 2, the groundwater gradient remains generally consistent with previous measurements. The gradient is relatively flat and tends toward the east. The groundwater gradient and flow contours for this event are shown on Plate 1.

Concentrations of petroleum hydrocarbons were detected in wells MW-1, MW-3 and MW-4 during this event. In general, the highest concentrations are present in well MW-4 adjacent to the former waste oil tank. No free product was observed during this event.

Ongoing Monitoring

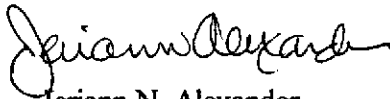
In accordance with the monitoring program, the existing wells are to be monitored on a quarterly basis. As such, the next sampling event will occur in June 1995.

Ms. Marianne Robison
Buttner Properties
April 28, 1995
SCI 609.002
Page 3

If you have any questions, please call.

Yours very truly,

Subsurface Consultants, Inc.



Jeriann N. Alexander
Civil Engineer 40469 (expires 3/31/99)

JNA:RWR:sld

Attachments: Table 1 - Summary of Contaminants in Groundwater
Table 2 - Groundwater Elevation Data
Plate 1 - Site Plan
Analytical Test Report
Chain-of-Custody Form
Well Sampling Forms

Distribution:

1 copy: Ms. Marianne Robison
Buttner Properties
600 West Grand Avenue
Oakland, California 94612

1 copy: Ms. Jennifer Eberle
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Table 1
Summary of Contaminants in Groundwater

Well	Date	Petroleum Hydrocarbons					Volatiles Organics										Metals
		Gasoline Range µg/l	Kerosene Range µg/l	Diesel Range µg/l	Motor Oil Range mg/l	B+F	Benzene µg/l	Toluene µg/l	Ethyl- Benzene µg/l	Xylenes µg/l	1,1,1-TCA µg/l	1,1-DCA µg/l	PCE µg/l	Chloro- Benzene µg/l	Lead mg/l		
						5520 Oil & Grease mg/l											
MW-1	3/03/94	300	<50	<50	<0.5	<1	1.3	<0.5	2.7	3.1	<0.5	5.5	<0.5	<0.5	<0.01		
	6/06/94	430	180+	<50	0.5	-	10	2.2	6.1	7.6	<0.5	<0.5	<0.5	<0.5	-		
	9/07/94	410	<50	<50	<0.5	-	6.4	0.8	2.6	3.8	<0.5	3.8	<0.5	<0.5	-		
	12/22/94	130	<50	<50	<0.5	-	0.7	<0.5	0.6	0.8	<0.5	3.4	<0.5	<0.5	-		
	3/17/95	1600 ✓	170 ✓	<50 ✓	<0.5 ✓	-	29 ✓	<0.5	9.1	6.9	<0.5 ✓	<0.5 ✓	<0.5 ✓	<0.5 ✓	-		
MW-2	3/03/94	110	<50	<50	<0.5	<1	<0.5	1.7	0.58	2.7	<0.5	<0.5	<0.5	<0.5	<0.01		
	6/06/94	100	<50	<50	<0.5	-	11	<0.5	0.7	1.1	<0.5	<0.5	<0.5	<0.5	-		
	9/07/94	<50	<50	<50	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-		
	12/22/94	<50	<50	<50	<0.5	-	0.8	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	-		
	3/17/95	180 ✓	100 ✓	<50 ✓	<0.5 ✓	-	31 ✓	<0.5	1	1.8	<0.5 ✓	<0.5 ✓	<0.5 ✓	<0.5 ✓	-		
MW-3	3/03/94	85	<50	<50	<0.5	<1	<0.5	0.77	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	<0.01		
	6/06/94	100	110+	<50	<0.5	-	<0.5	<0.5	<0.5	<0.5	2.5	0.8	2.1	<0.5	-		
	9/07/94	220	<50	<50	<0.5	-	11	1.8	2.6	3.5	<0.5	<0.5	0.6	<0.5	-		
	12/22/94	130	95+	<50	<0.5	-	3.8	0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-		
	3/17/95	1500 ✓	270 ✓	<50 ✓	<0.5 ✓	-	83 ✓	6	10	15	<0.5 ✓	<0.5 ✓	<0.5 ✓	<0.5 ✓	-		
MW-4	3/03/94	4300	<50	240	<0.5	1.3	220	20	7.5	17	<0.5	5.9	<0.5	4.4	<0.01		
	6/06/94	4400	<50	800+	<0.5	1.7	140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-		
	9/07/94	10,000	490+	280+	<0.5	<1	84	<0.5	42	69	<0.5	4.4	0.5	4.3	-		
	12/22/94	2400	450+	54+	<0.5	<1	11	<0.5	7.1	11	<0.5	3.6	3.6	<0.5	-		
	3/17/95	2200 ✓	380 ✓	160+ ✓	<0.5 ✓	<1 ✓	<0.5 ✓	<0.5	7.9	10	<0.5 ✓	1.7 ✓	<0.5 ✓	4.5 ✓	-		

DCA = Dichloroethane

TCA = Trichloroethane

PCE = Tetrachloroethane

- = Chemical not tested for

+ = Uncategorized hydrocarbons quantified in ranges specified

mg/l = milligrams per liter = parts per million

µg/l = micrograms per liter = parts per billion

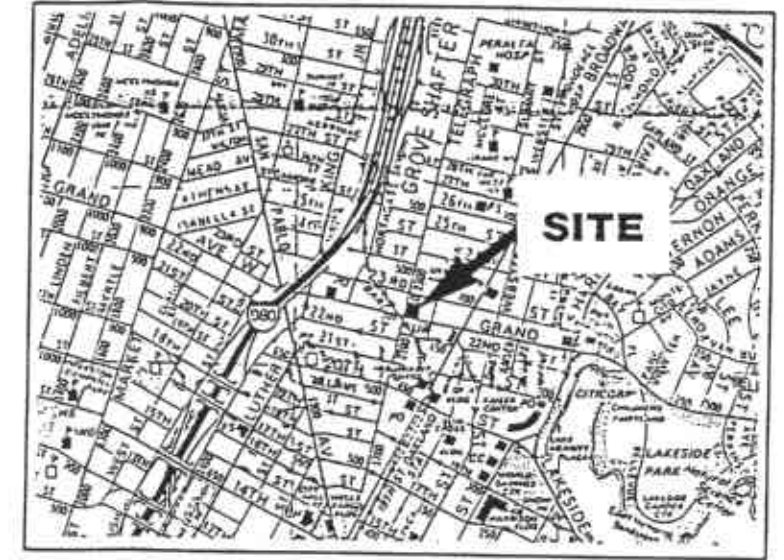
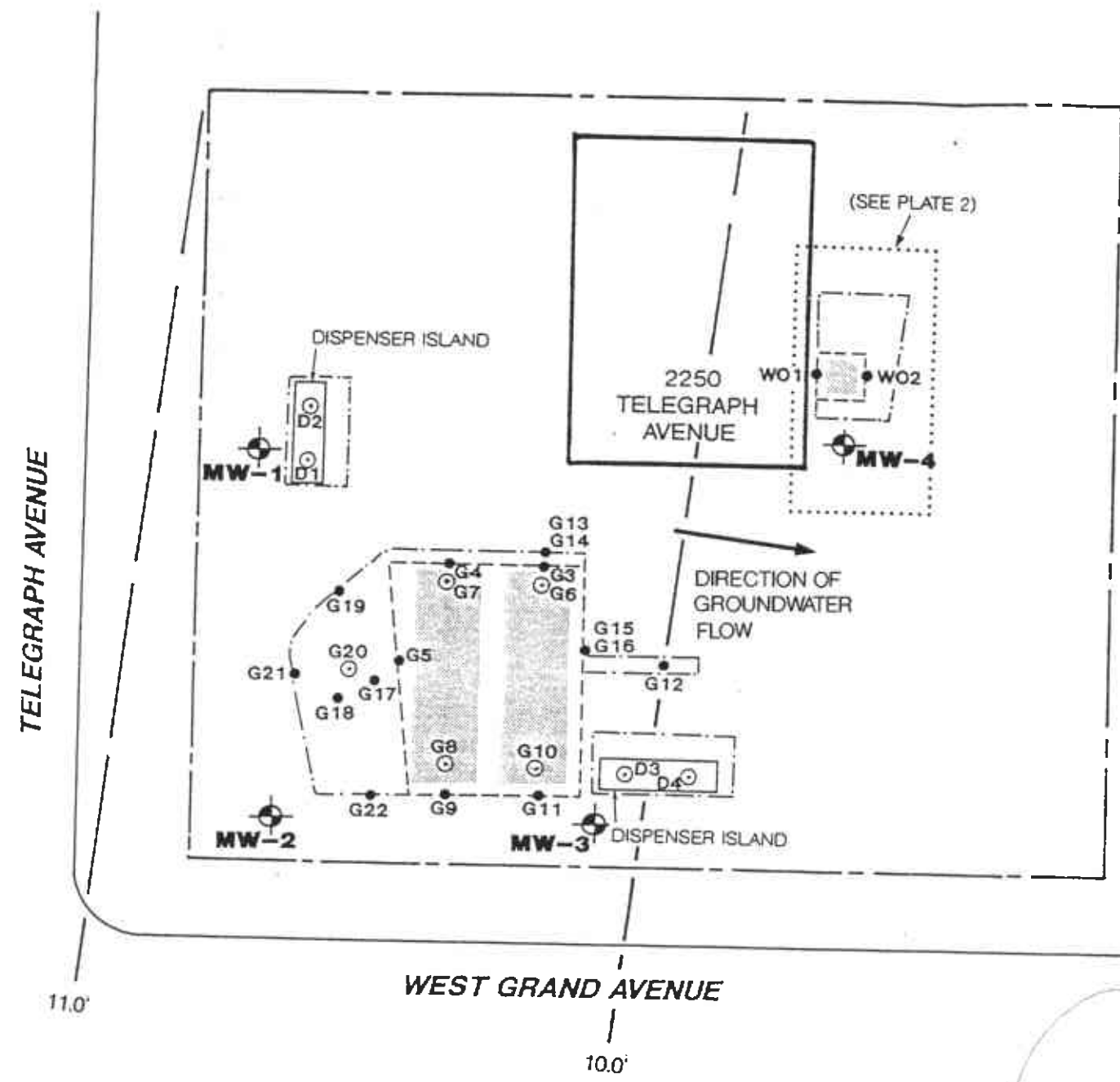
<1 = Chemical not present at a concentration greater than the laboratory detection limit shown or stated on test reports.

**Table 2
Groundwater Elevation Data**

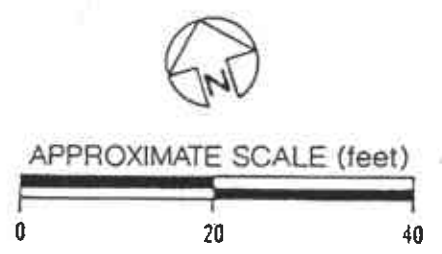
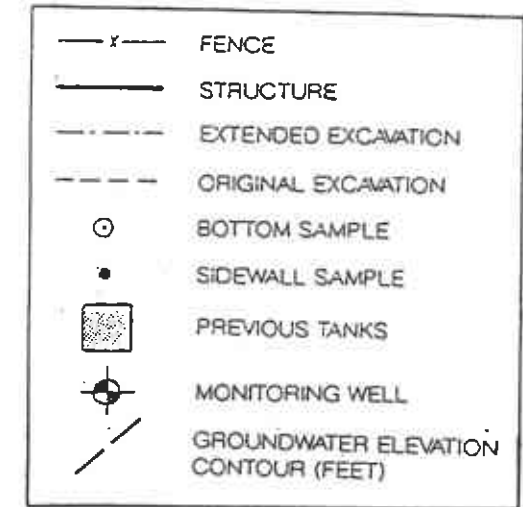
Well	Date	TOC Elevation (feet) MSL	Depth (feet)	Elevation (feet) MSL
1	3/03/94	20.55	10.39	10.16
	3/10/94		10.54	10.01
	6/06/94		11.36	9.19
	9/07/94		11.92	8.63
	12/22/94		10.83	9.72
	3/17/95		9.73	10.82 ↑
2	3/03/94	20.03	10.37	9.66
	3/10/94		10.53	9.50
	6/06/94		11.15	8.88
	9/07/94		11.72	8.31
	12/22/94		11.27	8.76
	3/17/95		9.85	10.18 ↑
3	3/03/94	18.97	9.50	9.47
	3/10/94		9.51	9.26
	6/06/94		10.28	8.69
	9/07/94		10.75	8.22
	12/22/94		9.74	9.23
	3/17/95		8.85	10.12 ↑
4	3/03/94	19.88	10.89	8.99
	3/10/94		11.19	8.69
	6/06/94		11.85	8.03
	9/07/94		12.86	7.02
	12/22/94		12.26	7.62
	3/17/95		10.10	9.78 ↑

TOC = Top of Casing

Elevation Reference: USCGS benchmark W1197, 1969 with a reported elevation of +21.06 feet MSL datum.



VICINITY MAP



SITE PLAN		
2250 TELEGRAPH AVENUE - OAKLAND, CA		PLATE
JOB NUMBER	DATE	APPROVED
609.002	4/5/95	
		1

Subsurface Consultants

WELL SAMPLING FORM

A

Project Name: 2000 Telegraph Ave Well Number: 2000-1
Job No.: 609.002 Well Casing Diameter: 2 inch
Sampled By: ODra Date: 2/12/95
TOC Elevation: _____ Weather: Clear Sunny

Depth to Casing Bottom (below TOC) 18.50 feet
Depth to Groundwater (below TOC) 9.75 feet
Feet of Water in Well 8.75 feet
Depth to Groundwater When 80% Recovered _____ feet
Casing Volume (feet of water x Casing DIA² x 0.0408) 1.43 gallons
Depth Measurement Method Tape & Paste / Electronic Sounder / Other
Free Product None
Purge Method Water Purge

FIELD MEASUREMENTS

Gallons Removed	pH	Temp (°C)	Conductivity (micromhos/cm)	Salinity S%	Comments
<u>2</u>	<u>6.45</u>	<u>68.4</u>	<u>1300</u>	_____	_____
<u>3</u>	<u>6.51</u>	<u>68.2</u>	<u>1100</u>	_____	_____
<u>4</u>	<u>6.50</u>	<u>68.1</u>	<u>1250</u>	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Total Gallons Purged 4 gallons
Depth to Groundwater Before Sampling (below TOC) _____ feet
Sampling Method Water Purge
Containers Used 6 40 ml 1 liter _____ pint

Subsurface Consultants

JOB NUMBER _____ DATE _____ APPROVED _____

PLATE

WELL SAMPLING FORM

Project Name: 235D Telegraph Well Number: W103
 Job No.: 609002 Well Casing Diameter: 2 inch
 Sampled By: OD Date: 3/17/05
 TOC Elevation: _____ Weather: Clear Sunny

Depth to Casing Bottom (below TOC) 19.50 feet
 Depth to Groundwater (below TOC) 8.85 feet
 Feet of Water in Well 9.65 feet
 Depth to Groundwater When 80% Recovered _____ feet
 Casing Volume (feet of water x Casing DIA² x 0.0408) 1.57 gallons
 Depth Measurement Method Tape & Paste / Electronic Sounder / Other _____
 Free Product None
 Purge Method Surge Purge

FIELD MEASUREMENTS

Gallons Removed	pH	Temp (°C)	Conductivity (micromhos/cm)	Salinity S%	Comments
1	6.50	70.1	1130		
2	6.55	70.1	1050		
5	6.54	69.8	1090		

Total Gallons Purged 5 gallons
 Depth to Groundwater Before Sampling (below TOC) _____ feet
 Sampling Method Submersible Pump
 Containers Used 6 40 ml / 1 liter / _____ pint

Subsurface Consultants			PLATE
	JOB NUMBER	DATE	APPROVED

WELL SAMPLING FORM

Project Name: 2250 Telegraph Well Number: MW 4
 Job No.: 6004.012 Well Casing Diameter: 2 inch
 Sampled By: ADW Date: 3/17/95
 TOC Elevation: _____ Weather: Clear

Depth to Casing Bottom (below TOC) 18.50 feet
 Depth to Groundwater (below TOC) 10.10 feet
 Feet of Water in Well 8.40 feet
 Depth to Groundwater When 80% Recovered _____ feet
 Casing Volume (feet of water x Casing DIA² x 0.0408) 1.37 gallons
 Depth Measurement Method Tape & Paste Electronic Sounder Other
 Free Product no free product
 Purge Method Jetter/Boiler

FIELD MEASUREMENTS

Gallons Removed	pH	Temp (°C)	Conductivity (micromhos/cm)	Salinity S%	Comments
3	6.9	65.2	891		
4	6.9	65.1	855		
5	6.4	65.2	851		

Total Gallons Purged 5 gallons
 Depth to Groundwater Before Sampling (below TOC) _____ feet
 Sampling Method Jetter/Boiler
 Containers Used 1 40 ml 2 liter _____ pint

Subsurface Consultants	JOB NUMBER	DATE	APPROVED	PLATE

CHROMALAB, INC.

Environmental Services (SDB)

March 27, 1995

Submission #: 9503276

SUBSURFACE CONSULTANTS, INC.

Atten: Jeriann Alexander

Project: 2250 TELEGRAPH AVE

Project#: 609.002

Received: March 20, 1995

re: One sample for Volatile Halogenated Organics analysis.

Sample ID: MW-1

Spl#: 81645

Matrix: WATER

Sampled: March 17, 1995

Run#: 5924

Analyzed: March 21, 1995

Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	N.D.	0.5	N.D.	--
BROMOMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	118
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	85
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	110
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov

Oleg Nemtsov
Chemist

Ali Kharrazi

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 27, 1995

Submission #: 9503276

SUBSURFACE CONSULTANTS, INC.

Atten: Jeriann Alexander

Project: 2250 TELEGRAPH AVE

Project#: 609.002

Received: March 20, 1995

re: One sample for Volatile Halogenated Organics analysis.

Sample ID: MW-2 ✓

Spl#: 81646

Matrix: WATER

Sampled: March 17, 1995

Run#: 5924

Analyzed: March 21, 1995

Method: EPA 8010 ✓

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	N.D.	0.5	N.D.	--
BROMOMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	118
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	85
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	110
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov

Oleg Nemtsov
Chemist

Ali Kharrazi

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 27, 1995

Submission #: 9503276

SUBSURFACE CONSULTANTS, INC.

Atten: Jeriann Alexander

Project: 2250 TELEGRAPH AVE

Project#: 609.002

Received: March 20, 1995

re: One sample for Volatile Halogenated Organics analysis.

Sample ID: MW-3

Spl#: 81647

Matrix: WATER

Sampled: March 17, 1995

Run#: 5924

Analyzed: March 21, 1995

Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	N.D.	0.5	N.D.	--
BROMOMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	118
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	85
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	110
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov

Oleg Nemtsov
Chemist

Ali Kharrazi

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 27, 1995

Submission #: 9503276

SUBSURFACE CONSULTANTS, INC.

Atten: Jeriann Alexander

Project: 2250 TELEGRAPH AVE
Received: March 20, 1995

Project#: 609.002

re: One sample for Volatile Halogenated Organics analysis.

Sample ID: MW-4

Spl#: 81648

Matrix: WATER

Sampled: March 17, 1995

Run#: 5924

Analyzed: March 21, 1995

Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	N.D.	0.5	N.D.	--
BROMOMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	118
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHANE	1.7	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	85
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	4.5	0.5	N.D.	110
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov

Oleg Nemtsov
Chemist

Ali Kharrazi

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 21, 1995

Submission #: 9503276

SUBSURFACE CONSULTANTS, INC.

Atten: Jeriann Alexander


Project: 2250 TELEGRAPH AVE
Received: March 20, 1995


Project#: 609.002

re: 1 sample for Oil and Grease analysis.

Sampled: March 17, 1995 Matrix: WATER Extracted: March 21, 1995
Method: STANDARD METHODS 5520 B&F Run#: 5861 Analyzed: March 21, 1995

<u>Spl #</u>	<u>CLIENT</u>	<u>SMPL ID</u>	<u>OIL & GREASE</u> <u>(mg/L)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/L)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/L)</u>	<u>BLANK SPIKE</u> <u>RESULT</u> <u>(%)</u>
81648	MW-4		N.D. ✓	1.0	N.D.	100


Carolyn House
Extractions Supervisor


Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

April 18, 1995

Submission #: 9503276
Revised from March 27, 1995

SUBSURFACE CONSULTANTS, INC.

Atten: Jeriann Alexander

Project: 2250 TELEGRAPH AVE
Received: March 20, 1995

Project#: 609.002

re: 4 samples for Total Extractable Petroleum Hydrocarbons (TEPH)

Sampled: March 17, 1995
Method: EPA 3510/8015M
Matrix: WATER
Run#: 5898
Extracted: March 22, 1995
Analyzed: March 23, 1995

Spl #	CLIENT SMPL ID	Kerosene (ug/L)	Diesel (ug/L)	Motor Oil (ug/L)
81645	MW-1	170	N.D.	N.D.
81646	MW-2	100	N.D.	N.D.
81648	MW-4	380	N.D.	N.D.

Note: Unknown compounds were found in the Diesel range, conc. = 160 ug/L.

Sampled: March 17, 1995
Method: EPA 3510/8015M
Matrix: WATER
Run#: 5898
Extracted: March 22, 1995
Analyzed: March 26, 1995

Spl #	CLIENT SMPL ID	Kerosene (ug/L)	Diesel (ug/L)	Motor Oil (ug/L)
81647	MW-3	270	N.D.	N.D.
Reporting Limits		50	50	500
Blank Result		N.D.	N.D.	N.D.
Blank Spike Result (%)		--	75	--

Sirirat Chullakorn

Sirirat (Sindy) Chullakorn
Chemist

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 24, 1995

Submission #: 9503276

SUBSURFACE CONSULTANTS, INC.

Atten: Jeriann Alexander

Project: 2250 TELEGRAPH AVE

Project#: 609.002

Received: March 20, 1995

re: 4 samples for Gasoline and BTEX analysis.

Matrix: WATER

Sampled: March 17, 1995

Run#: 5882

Analyzed: March 23, 1995

Method: EPA 5030/8015M/602/8020

Spl #	CLIENT	SMPL ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
81645	MW-1		1.6 ✓	29 ✓	N.D.	9.1	6.9
81646	MW-2		0.18 ✓	31 ✓	N.D.	1.0	1.8
81647	MW-3		1.5 ✓	83 ✓	6.0	10	15
81648	MW-4		2.2 ✓	N.D. ✓	N.D.	7.9	10
Reporting Limits			0.05	0.5	0.5	0.5	0.5
Blank Result			N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)			87	101	103	104	111



Jack Kelly
Chemist



Ali Kharrazi
Organic Manager

CHROMALAB, INC. SAMPLE RECEIPT CHECKLIST

Client Name SUBSURFACE Date/Time Received 3/20/95 8:15
 Project 2250 TELEGRAPH AVE Received by C. Rowley
 Reference/Subm # 21056/9503276 Carrier name _____
 Checklist completed by: [Signature] 3/21/95 Logged in by TA 3/20/95
 Signature Date Initials Date
 Matrix _____

Shipping container in good condition? NA Yes No

Custody seals present on shipping container? Intact Broken Yes No

Custody seals on sample bottles? Intact Broken Yes No

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Samples intact? Yes No

Sufficient sample volume for indicated test? Yes No

VOA vials have zero headspace? NA Yes No

Trip Blank received? NA Yes No

All samples received within holding time? Yes No

Container temperature? _____

pH upon receipt _____ pH adjusted 2 Check performed by: _____ NA

Any **NO** response must be detailed in the comments section below. If items are not applicable, they should be marked NA.

Client contacted? _____ Date contacted? _____

Person contacted? _____ Contacted by? _____

Regarding? _____

Comments: _____

Corrective Action: _____