

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

SL-100
HAZARDOUS

SEP 23 1995 2:35

January 31, 1995
SCI 609.002

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

**Quarterly Groundwater Monitoring
December 1994 Event
2250 Telegraph Avenue
Oakland, California**

Dear Ms. Robison:

This letter records the results of the December 1994 groundwater monitoring event for the referenced site. A 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 existing four 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 December 22, 1994, 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 (approximately 3 well volumes), 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 which are attached.

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:

■ Subsurface Consultants, Inc.

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

Ms. Marianne Robison
Buttner Properties
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Page 2

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 and Chain-of-Custody documents are 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 March 1995.

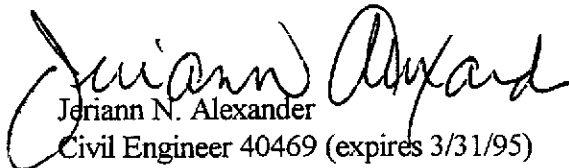
■ Subsurface Consultants, Inc.

Ms. Marianne Robison
Buttner Properties
January 31, 1995
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If you have any questions, please call.

Yours very truly,

Subsurface Consultants, Inc.


Jeriann N. Alexander
Civil Engineer 40469 (expires 3/31/95)

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					Volatile Organics								Metals
		Gasoline Range µg/l	Kerosene Range µg/l	Diesel Range µg/l	Motor Oil Range mg/l	Oil & Grease Range mg/l	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
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	-	
	9/07/94	410	<50	<50	<0.5	-	6.4	0.8	2.6	3.8	<0.5	3.8	<0.5	-	
	12/22/94	130	<50	<50	<0.5	-	0.7	<0.5	0.6	0.8	<0.5	3.4	<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	<0.01	
	6/06/94	100	<50	<50	<0.5	-	11	<0.5	0.7	1.1	<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	-	
	12/22/94	<50	<50	<50	<0.5	-	0.8	<0.5	<0.5	0.8	<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	<0.01	
	6/06/94	100	110+	<50	<0.5	-	<0.5	<0.5	<0.5	<0.5	2.5	0.8	2.1	-	
	9/07/94	220	<50	<50	<0.5	-	11	1.8	2.6	3.5	<0.5	<0.5	0.6	-	
	12/22/94	130	95+	<50	<0.5	-	3.8	0.5	0.6	1.2	<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	-	
	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	-

DCA = Dichloroethane

TCA = Trichloroethane

PCE = Tetrachloroethene

- = 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

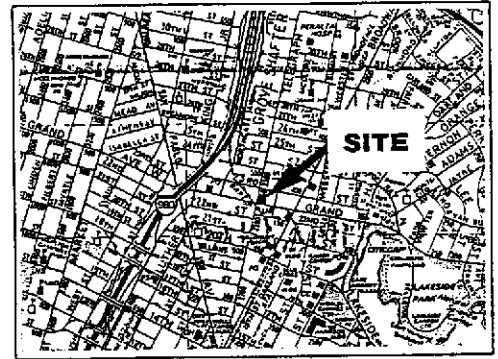
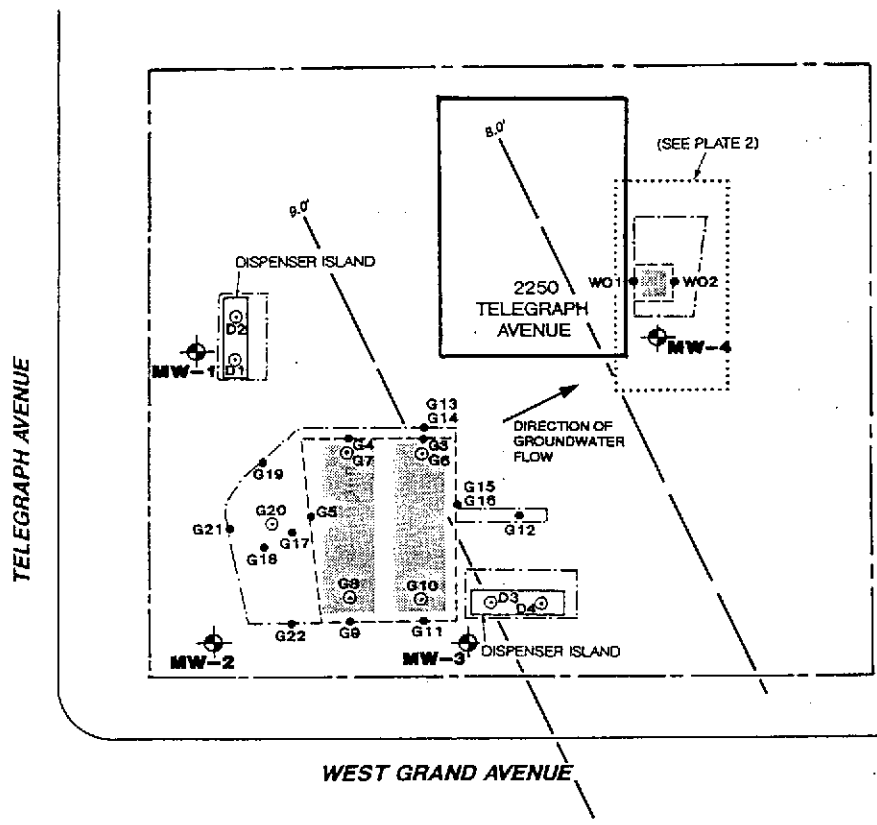
<1 = Chemical not present at a concentration greater than the laboratory detection limit shown or stated on test reports.

**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
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	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
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

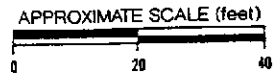
TOC = Top of Casing

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



VICINITY MAP

- x — FENCE
- STRUCTURE
- - - - - EXTENDED EXCAVATION
- - - - - ORIGINAL EXCAVATION
- ⊙ BOTTOM SAMPLE
- SIDEWALL SAMPLE
- ▣ PREVIOUS TANKS
- ⊕ MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (FEET)



SITE PLAN			
2250 TELEGRAPH AVENUE - OAKLAND, CA			PLATE
Subsurface Consultants	JOB NUMBER	DATE	APPROVED
	609.002	1/31/85	
			1

CHROMALAB, INC.

Environmental Services (SDB)

December 29, 1994

Submission #: 9412326

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE.

Project#: 609.002

Received: December 23, 1994

re: 4 samples for Gasoline and BTEX analysis.

Matrix: WATER

Sampled: December 22, 1994

Run#: 4984

Analyzed: December 28, 1994

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)
73710	MW-1	0.13	0.7	N.D.	0.6	0.8
73711	MW-2	N.D.	0.8	N.D.	N.D.	0.8

Matrix: WATER

Sampled: December 23, 1994

Run#: 4984

Analyzed: December 28, 1994

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)
73712	MW-3	0.13	3.8	0.5	0.6	1.2

Matrix: WATER

Sampled: December 22, 1994

Run#: 4994

Analyzed: December 28, 1994

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)
73713	MW-4	2.4	11	N.D.	7.1	11

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 (%)

101

95

98

98

102

Jack Kelly
Chemist

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

December 29, 1994

Submission #: 9412326

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander


Project: 2250 TELEGRAPH AVE.
Received: December 23, 1994

Project#: 609.002

re: 1 sample for Oil and Grease analysis.

Matrix: WATER Extracted: December 27, 1994
Sampled: December 22, 1994 Run#: 4999 Analyzed: December 27, 1994
Method: STANDARD METHODS 5520 B&F

Sp1 #	CLIENT	SMPL ID	OIL & GREASE (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE RESULT (%)
73713	MW-4		N.D.	1.0	N.D.	91


Carolyn House
Extractions Supervisor


Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

December 30, 1994

Submission #: 9412326

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE.

Project#: 609.002

Received: December 23, 1994

re: One sample for Volatile Halogenated Organics analysis.

Sample ID: MW-1

Spl#: 73710

Matrix: WATER

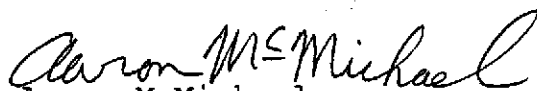
Sampled: December 22, 1994

Run#: 5001

Analyzed: December 28, 1994

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.	122
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	3.4	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	108
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.	104
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.	--


Aaron McMichael
Chemist


Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

December 30, 1994

Submission #: 9412326

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE.

Project#: 609.002

Received: December 23, 1994

re: One sample for Volatile Halogenated Organics analysis.

Sample ID: MW-2

Spl#: 73711

Matrix: WATER

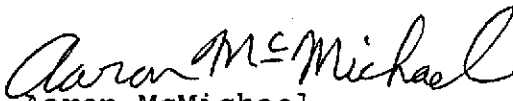
Sampled: December 22, 1994

Run#: 5001

Analyzed: December 28, 1994

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.	122
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.	108
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.	104
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.	--


Aaron McMichael
Chemist


Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SOB)

December 30, 1994

Submission #: 9412326

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE.

Project#: 609.002

Received: December 23, 1994

re: One sample for Volatile Halogenated Organics analysis.

Sample ID: MW-3

Spl#: 73712

Matrix: WATER

Sampled: December 23, 1994


Run#: 5001

Analyzed: December 28, 1994

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.	122
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.	108
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.	104
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.	--


Aaron McMichael
Chemist


Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

December 30, 1994

Submission #: 9412326

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE.

Project#: 609.002

Received: December 23, 1994

re: One sample for Volatile Halogenated Organics analysis.

Sample ID: MW-4

Spl#: 73713

Matrix: WATER

Sampled: December 22, 1994

Run#: 5001

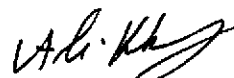
Analyzed: December 28, 1994

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.	122
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	3.6	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.	108
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	5.0	0.5	N.D.	104
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.	--



Aaron McMichael
Chemist



Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

December 30, 1994

Submission #: 9412326

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE.

Project#: 609.002

Received: December 23, 1994

re: Four samples for TEPH analysis

Matrix: WATER

Extracted: December 27, 1994

Sampled: See Below

Analyzed: December 28, 1994

Method: 3510/8015

Sample #	Client Sample ID	Kerosene ($\mu\text{g/L}$)	Diesel ($\mu\text{g/L}$)	Motor Oil (mg/L)	Sampled
73710	MW-1	N.D.	N.D.	N.D.	12/22/94
73711	MW-2	N.D.	N.D.	N.D.	12/22/94
73712	MW-3	N.D. (a)	N.D.	N.D.	12/23/94
73713	MW-4	N.D. (b)	N.D. (c)	N.D.	12/22/94
Blank		N.D.	N.D.	N.D.	
Spike Recovery		----	80%	----	
Dup Spike Recovery		----	81%	----	
Reporting Limit		50	50	0.5	

(a) Unknown compounds were found in the Kerosene range in the estimated amount of 95 $\mu\text{g/L}$ compared with Kerosene Standard.

(b) Unknown compounds were found in the Kerosene range in the estimated amount of 450 $\mu\text{g/L}$ compared with Kerosene Standard.

(c) Unknown compounds were found in the Diesel range in the estimated amount of 54 $\mu\text{g/L}$ compared with the Diesel Standard.

ChromaLab, Inc.

Sirirat Chullakorn

Sirirat Chullakorn
Analytical Chemist

Ali Kharrazi

Ali Kharrazi
Organic Manager

cc

