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

July 27, 1995
SCI 609.002

STID 10 40

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

95 AUG -2 PM 2:45

Quarterly Groundwater Monitoring
June 1995 Event
2250 Telegraph Avenue
Oakland, California

Dear Ms. Robison:

This letter records the results of the June 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 June 27, 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 the 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

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. However, the ACHCSA has recently reviewed the case file and based on the monitoring results have revised the program to include semi-annual monitoring. The ACHCSA has verbally requested that semi-annual events are to be performed in the spring and fall seasons of the year. Hence, sampling events will be performed during the months of March and September. As such, the next sampling event will occur in September 1995.

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

		Petroleum Hydrocarbons					Volatile Organics								Metals
Well	Date	Gasoline Range µg/l	Kerosene Range µg/l	Diesel Range µg/l	Motor Oil Range mg/l	Oil & Grease mg/l	Benzene µg/l	Toluene µg/l	Ethyl-Benzene µg/l	Xylenes µg/l	1,1,1-TCA µg/l	1,2-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	<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	-
	6/27/95	1100	<50	<50	<0.5	-	14	<0.5	7.1	5	<0.5	3.3	<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	-
	6/27/95	80	<50	<50	<0.5	-	6	<0.5	<0.5	<0.5	<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	-
	6/27/95	2500	<50	<50	<0.5	-	330 400	8.9	8.1	20	<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	-
	6/27/95	3100	<50	82	<0.5	<1	<0.5	<0.5	13	19	<0.5	2.3	<0.5	4.8	-

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 persent at a concentration greater than the laboratory detection limit shown or stated on test reports.

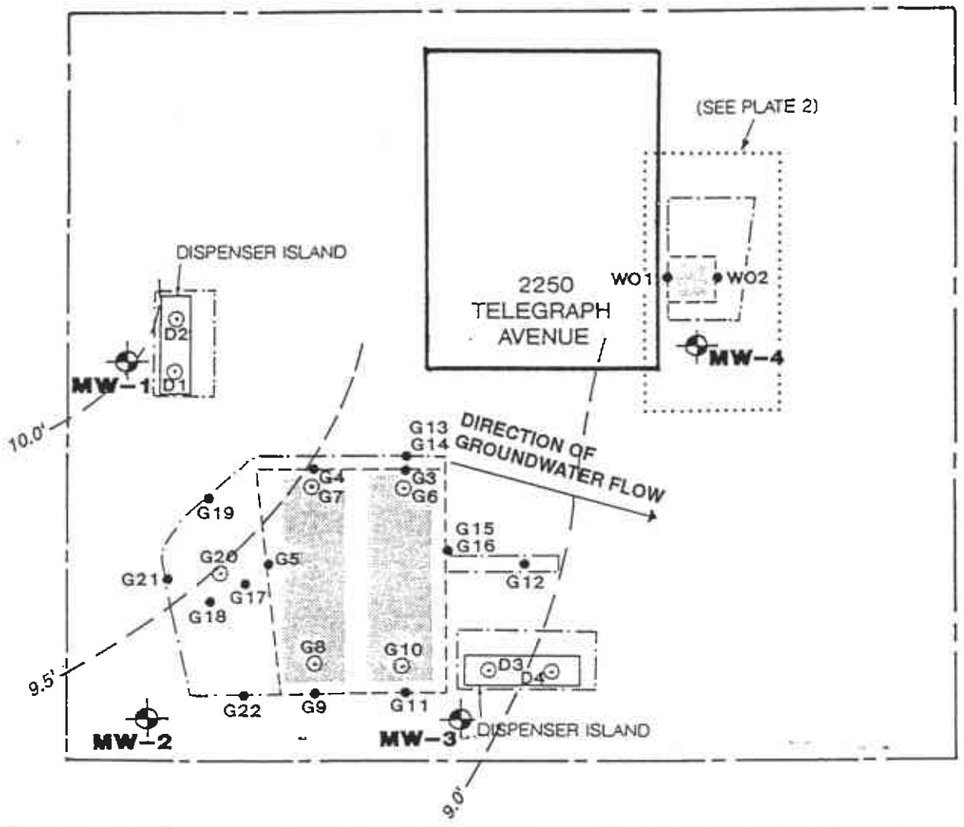
609.002

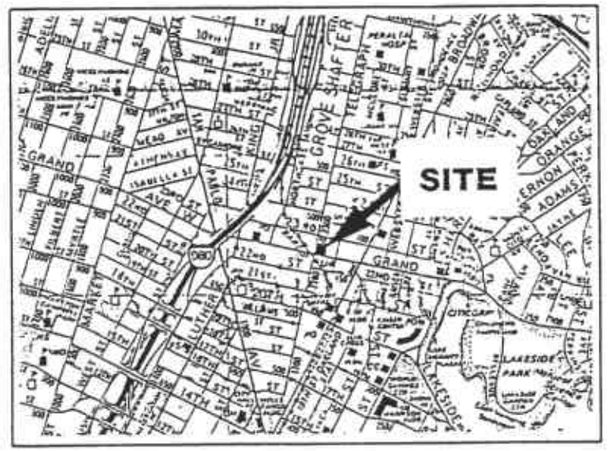
Table 2
Groundwater Elevation Data

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
	6/27/95		10.51	10.04
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
	6/27/95		10.70	9.33
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
	6/27/95		9.94	9.03
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
	6/27/95		11.05	8.83

TOC = Top of Casing

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





VICINITY MAP

FENCE
STRUCTURE
EXTENDED EXCAVATION
ORIGINAL EXCAVATION
BOTTOM SAMPLE
SIDEWALL SAMPLE
PREVIOUS TANKS
MONITORING WELL
GROUNDWATER ELEVATION CONTOUR (FEET) JUNE 1995

N

APPROXIMATE SCALE (feet)

0 20 40

SITE PLAN

Subsurface Consultants

2250 TELEGRAPH AVENUE – OAKLAND, CA

JOB NUMBER 609.002 | DATE 7/19/95 | APPROVED

PLATE 1

CHROMALAB, INC.

Environmental Services (SDB)

July 5, 1995 *Submission #:* 9506377

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE. *Project#:* 609.002
Received: June 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

Client Sample ID: **MW-1**
Sample #: 94072 *Matrix:* WATER
Sampled: June 27, 1995 *Run:* 7494-O *Analyzed:* July 2, 1995

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.	84
METHYLENE CHLORIDE	N.D.	0.5	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	3.3	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	116
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	N.D.	0.5	N.D.	115
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
Chemist

Ali Kharrazi
Organic Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

July 5, 1995 *Submission #:* 9506377

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE. *Project#:* 609.002
Received: June 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

Client Sample ID: **MW-2**
Sample #: 94073 *Matrix:* WATER
Sampled: June 27, 1995 *Run:* 7494-O *Analyzed:* July 2, 1995

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.	84
METHYLENE CHLORIDE	N.D.	0.5	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.	116
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	N.D.	0.5	N.D.	115
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
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Ali Kharrazi
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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

July 5, 1995 *Submission #:* 9506377

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE. *Project#:* 609.002
Received: June 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

Client Sample ID: **MW-3**
Sample #: 94074 *Matrix:* WATER
Sampled: June 27, 1995 *Run:* 7494-O *Analyzed:* July 2, 1995

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.	84
METHYLENE CHLORIDE	N.D.	0.5	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.	116
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	N.D.	0.5	N.D.	115
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
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CHROMALAB, INC.

Environmental Services (SDB)

July 5, 1995 *Submission #:* 9506377

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE. *Project#:* 609.002
Received: June 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

Client Sample ID: **MW-4**
Sample #: 94075 *Matrix:* WATER
Sampled: June 27, 1995 *Run:* 7494-O *Analyzed:* July 2, 1995

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.	84
METHYLENE CHLORIDE	N.D.	0.5	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	2.3	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.	116
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	4.8	0.5	N.D.	115
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
Chemist

Ali Kharrazi
Organic Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

July 6, 1995 *Submission #:* 9506377

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE. *Project#:* 609.002
Received: June 27, 1995

re: 4 samples for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/602/8020

Sampled: June 27, 1995 *Matrix:* WATER
Run: 7450-B *Analyzed:* July 1, 1995

Spl #	Client Sample ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
94072	MW-1	1.1	14	N.D.	7.1	5.0
94073	MW-2	0.08	6.0	N.D.	N.D.	N.D.
94074	MW-3	2.5	330	8.9	8.1	20
94075	MW-4	3.1	N.D.	N.D.	13	19
	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 (%)	98	97	98	100	103

for
Billy Thach
Chemist

Ali Kharrazi
Organic Manager

07/05 510-268-0137

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

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CHROMALAB, INC.

Environmental Services (SDB)

July 5, 1995 *Submission #:* 9506377

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE. *Project#:* 609.002
Received: June 27, 1995

re: 4 samples for Total Extractable Petroleum Hydrocarbons (TEPH) analysis.
Method: EPA 3510/8015M
Sampled: June 27, 1995 *Matrix:* WATER *Extracted:* June 29, 1995
Run: 7437-D *Analyzed:* July 1, 1995

Spl #	Client Sample ID	Kerosene (ug/L)	Diesel (ug/L)	Motor Oil (ug/L)
94072	MW-1	N.D.	N.D.	N.D.
94073	MW-2	N.D.	N.D.	N.D.
94074	MW-3	N.D.	N.D.	N.D.
94075	MW-4	N.D.	82	N.D.
	Reporting Limits	50	50	500
	Blank Result	N.D.	N.D.	N.D.
	Blank Spike Result (%)	--	88	--

Dennis Mayugba
Chemist

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

July 3, 1995 *Submission #:* 9506377

SUBSURFACE CONSULTANTS, INC.

Atten: Jeri Alexander

Project: 2250 TELEGRAPH AVE. *Project#:* 609.002
Received: June 27, 1995

re: 1 sample for Oil and Grease analysis.
Method: STANDARD METHODS 5520 B&F

Sampled: June 27, 1995 *Matrix:* WATER *Extracted:* June 30, 1995
Run: 7462-C *Analyzed:* June 30, 1995

Spl #	Client Sample ID	OIL & GREASE (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE RESULT (%)
94075	MW-4	N.D.	1.0	N.D.	96

Carolyn House
Extractions Supervisor

Ali Kharrazi
Organic Manager

07/05 510-268-0137

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

N:DOS2SD CMH 09:05:22

377/94072-94075

22660

CHAIN OF CUSTODY FORM

PAGE 1 OF 1

PROJECT NAME: 2350 Telegraph Ave

JOB NUMBER: 609.002 LAB: Chromalab

PROJECT CONTACT: Teri Alexander TURNAROUND: Normal

SAMPLED BY: ODen REQUESTED BY: Teri Alexander

ANALYSIS REQUESTED

UBM #: 9506377 REP: MD
CLIENT: SUBSURF
DATE: 07/05/95
SF #:22660

LABORATORY I.D. NUMBER	SCI SAMPLE NUMBER	MATRIX: WATER	SOIL	WASTE	AIR			CONTAINERS: VOA	LITER	PINT	TUBE			METHOD PRESERVED: HCL	H_2SO_4	HNO_3	ICE	NONE	SAMPLING DATE: MONTH	DAY	YEAR	TIME	NOTES	TEH	TVH	8010	8020	1663
	MW-1	X						6	1					X			X		06	27	95			X	X	X	X	
	MW-2	X						6	1					X			X		06	27	95			X	X	X	X	
	MW-3	X						6	1					X			X		06	27	95			X	X	X	X	
	MW-4	X						6	2					X			X		06	27	95			X	X	X	X	X

CHAIN OF CUSTODY RECORD

RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
[signature]	6/27/95 4:05	[signature] for Chris Conley	6/27/95 4:05

COMMENTS & NOTES:

Chroma-Dollars
2 x 100 = 200
4 x 50 = 200
2 x 20 = 40
2 x 5 = 10
$450 -

Subsurface Consultants, Inc.

171 12TH STREET, SUITE 201, OAKLAND, CALIFORNIA 94607
(510) 268-0461 • FAX: 510-268-0137

CHROMALAB, INC.
SAMPLE RECEIPT CHECKLIST

Client Name SUBSURFACE

Project 2250 TELEGRAPH AVE

Reference/Subm # 22660/9506377

Checklist completed by: C Rowley / 6/28/95 (Signature / Date)

Date/Time Received 6/27/95 (Date) / 4:05 (Time)

Received by C Rowley

Carrier name

Logged in by RN (Initials) / 6/27/95 (Date)

Matrix H2O

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 <2 pH adjusted_____ 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:_____

SMPLRECD.CK

GROUNDWATER DEPTHS

Project Name: 2250 Telegraph Ave

Job No.: 609.002

Measured by: CDM

Well	Date	Time	Groundwater Depth (feet)	Comments
MW-1	6/27/25		10.51	
MW-2	6/27/25		10.70	
MW-3	6/27/25		9.94	
MW-4	6/27/25		11.05	

22660

CHAIN OF CUSTODY FORM

PAGE 1 OF 1

PROJECT NAME: 2350 Telegraph Ave

JOB NUMBER: 609.002 LAB: Chromalab

PROJECT CONTACT: Teri Alexander TURNAROUND: Normal

SAMPLED BY: C Oden REQUESTED BY: Teri Alexander

LABORATORY I.D. NUMBER	SCI SAMPLE NUMBER	MATRIX						CONTAINERS						METHOD PRESERVED					SAMPLING DATE				NOTES	ANALYSIS REQUESTED										
		WATER	SOIL	WASTE	AIR			VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	NONE	MONTH	DAY	YEAR	TIME			TEH	TVH	8010	8020	O&G					
	MW-1	X						6	1					X			X		06	27	95				X	X	X	X						
	MW-2	X						6	1					X			X		06	27	95				X	X	X	X						
	MW-3	X						6	1					X			X		06	27	95				X	X	X	X						
	MW-4	X						6	2					X			X		06	27	95				X	X	X	X	X					

CHAIN OF CUSTODY RECORD

RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
[signature]	6/27/95 4:05	Chris Lowley	6/27/95 4:05

COMMENTS & NOTES:

Chroma - Dollars

2 x 100 = 200
4 x 50 = 200
2 x 20 = 40
2 x 5 = 10
$ 450 -

Subsurface Consultants, Inc.

171 12TH STREET, SUITE 201, OAKLAND, CALIFORNIA 94607

(510) 268-0461 • FAX: 510-268-0137

WELL SAMPLING FORM

Project Name: 2250 Telegraph Well Number: MW 1

Job No.: 609.002 Well Casing Diameter: 2 inch

Sampled By: CO'Dea Date: 6/27/95

TOC Elevation: _____ Weather: Sunny

Depth to Casing Bottom (below TOC) 18.50 feet

Depth to Groundwater (below TOC) 10.51 feet

Feet of Water in Well 7.99 feet

Depth to Groundwater When 80% Recovered _____ feet

Casing Volume (feet of water x Casing DIA ^{2} x 0.0408) 1.3 gallons

Depth Measurement Method Tape & Paste / Electronic Sounder / Other

Free Product none

Purge Method teflon bailer

FIELD MEASUREMENTS

Gallons Removed	pH	Temp (°c)	Conductivity (micromhos/cm)	Salinity S%	Comments
2	7.22	73.8	970		
3	7.21	74.7	930		
4	7.19	71.9	940		
		empty			

Total Gallons Purged _____ gallons

Depth to Groundwater Before Sampling (below TOC) _____ feet

Sampling Method teflon bailer

Containers Used 6 (40 ml) 1 (liter) _____ (pint)

Subsurface Consultants	JOB NUMBER	DATE	APPROVED	PLATE

WELL SAMPLING FORM

Project Name: 2250 Telegraph
Job No.: 609.002 01
Sampled By: [illegible]
TOC Elevation:

Well Number: MW 2
Well Casing Diameter: 2 inch
Date: 6/27/95
Weather: Sunny

Depth to Casing Bottom (below TOC) 17 feet
Depth to Groundwater (below TOC) 10.70 feet
Feet of Water in Well 6.30 feet
Depth to Groundwater When 80% Recovered feet
Casing Volume (feet of water x Casing DIA ^{2} x 0.0408) 1.02 gallons
Depth Measurement Method Tape & Paste / Electronic Sounder (circled) / Other
Free Product none
Purge Method teflon bailer

FIELD MEASUREMENTS

Gallons Removed	pH	Temp (°c)	Conductivity (micromhos/cm)	Salinity S%	Comments
2	7.68	15.4	800		
3	7.42	14.5	810		
4	7.42	13.9	720		

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

Subsurface Consultants

JOB NUMBER	DATE	APPROVED	PLATE

WELL SAMPLING FORM

Project Name: 2250 Telegraph Well Number: MW 3

Job No.: 609.002 Well Casing Diameter: 2 inch

Sampled By: CODen Date: 6/27/95

TOC Elevation: _____ Weather: Sunny

Depth to Casing Bottom (below TOC) 18.50 feet

Depth to Groundwater (below TOC) 9.94 feet

Feet of Water in Well 8.56 feet

Depth to Groundwater When 80% Recovered _____ feet

Casing Volume (feet of water x Casing DIA ² x 0.0408) 1.39 gallons

Depth Measurement Method Tape & Paste / (Electronic Sounder) / Other

Free Product none

Purge Method Teflon bailer

FIELD MEASUREMENTS

Gallons Removed	pH	Temp (°c)	Conductivity (micromhos/cm)	Salinity S%	Comments
2	7.16	74.4	870		
3	7.12	70.8	860		
4	7.13	71.1	870		
			empty		

Total Gallons Purged 5 gallons

Depth to Groundwater Before Sampling (below TOC) _____ feet

Sampling Method Teflon Bailer

Containers Used 6 (40 ml) 1 (liter) _____ (pint)

Subsurface Consultants

JOB NUMBER DATE APPROVED PLATE

WELL SAMPLING FORM

Project Name: 2750 Telegraph Well Number: MW-4

Job No.: 609.002 Well Casing Diameter: 2 inch

Sampled By: CDCa Date: 6/27/95

TOC Elevation: _____ Weather: Sunny

Depth to Casing Bottom (below TOC) 18.50 feet

Depth to Groundwater (below TOC) 11.05 feet

Feet of Water in Well 7.45 feet

Depth to Groundwater When 80% Recovered _____ feet

Casing Volume (feet of water x Casing DIA ² x 0.0408) 1.21 gallons

Depth Measurement Method Tape & Paste / (Electronic Sounder) / Other

Free Product None / odor

Purge Method teflon bailer

FIELD MEASUREMENTS

Gallons Removed	pH	Temp (°c)	Conductivity (micromhos/cm)	Salinity S%	Comments
3	7.26	67.7	750		
4	7.00	67.7	[illegible]		
5		ON [illegible]			

Total Gallons Purged 5 gallons

Depth to Groundwater Before Sampling (below TOC) _____ feet

Sampling Method [illegible]

Containers Used 6 (40 ml) 2 (liter) _____ (pint)

Subsurface Consultants	JOB NUMBER	DATE	APPROVED	PLATE