



93 OCT 14 PM 12: 15

October 13, 1993

Scott Seery  
Alameda County Department  
of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621-1426

Re: Shell Service Station  
WIC #204-6852-0703  
1285 Bancroft Avenue  
San Leandro, California 94577  
WA Job #81-423-203

Dear Mr. Seery:

This letter describes recently completed and anticipated activities at the Shell service station referenced above (Figure 1). This status report satisfies the quarterly reporting requirements prescribed by California Administrative Code Title 23 Waters, Chapter 3, Subchapter 16, Article 5, Section 265.d. Included below are descriptions and results of activities performed in the third quarter 1993 and proposed work for the fourth quarter 1993.

**Third Quarter 1993 Activities:**

- Blaine Tech Services, Inc. (BTS) of San Jose, California measured ground water depths and collected ground water samples from the three site wells. BTS' report describing these activities and the analytic report for the ground water samples are included as Attachment A.
- Weiss Associates (WA) compiled the ground water elevation and analytic data (Tables 1 and 2) and prepared a ground water elevation contour map (Figure 2).

**Anticipated Fourth Quarter 1993 Activities:**

WA will submit a report presenting the results of the fourth quarter 1993 ground water sampling and ground water depth measurements. The report will include tabulated chemical analytic results and a ground water elevation contour map.

October 13, 1993

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Weiss Associates



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Please call if you have any questions or comments.



Sincerely,  
Weiss Associates

J. Michael Asport  
Technical Assistant

N. Scott MacLeod, R.G.  
Project Geologist

JMA/NSM:jma

JASHELL400\423QMOC3.WP2

Attachments: A - Ground Water Monitoring Report and Analytic Report

cc: Dan Kirk, Shell Oil Company, P.O. Box 5278, Concord, California 94520-9998  
Lester Feldman, California Regional Water Quality Control Board - San Francisco Bay  
Region, 2101 Webster Street, Oakland, California 94612

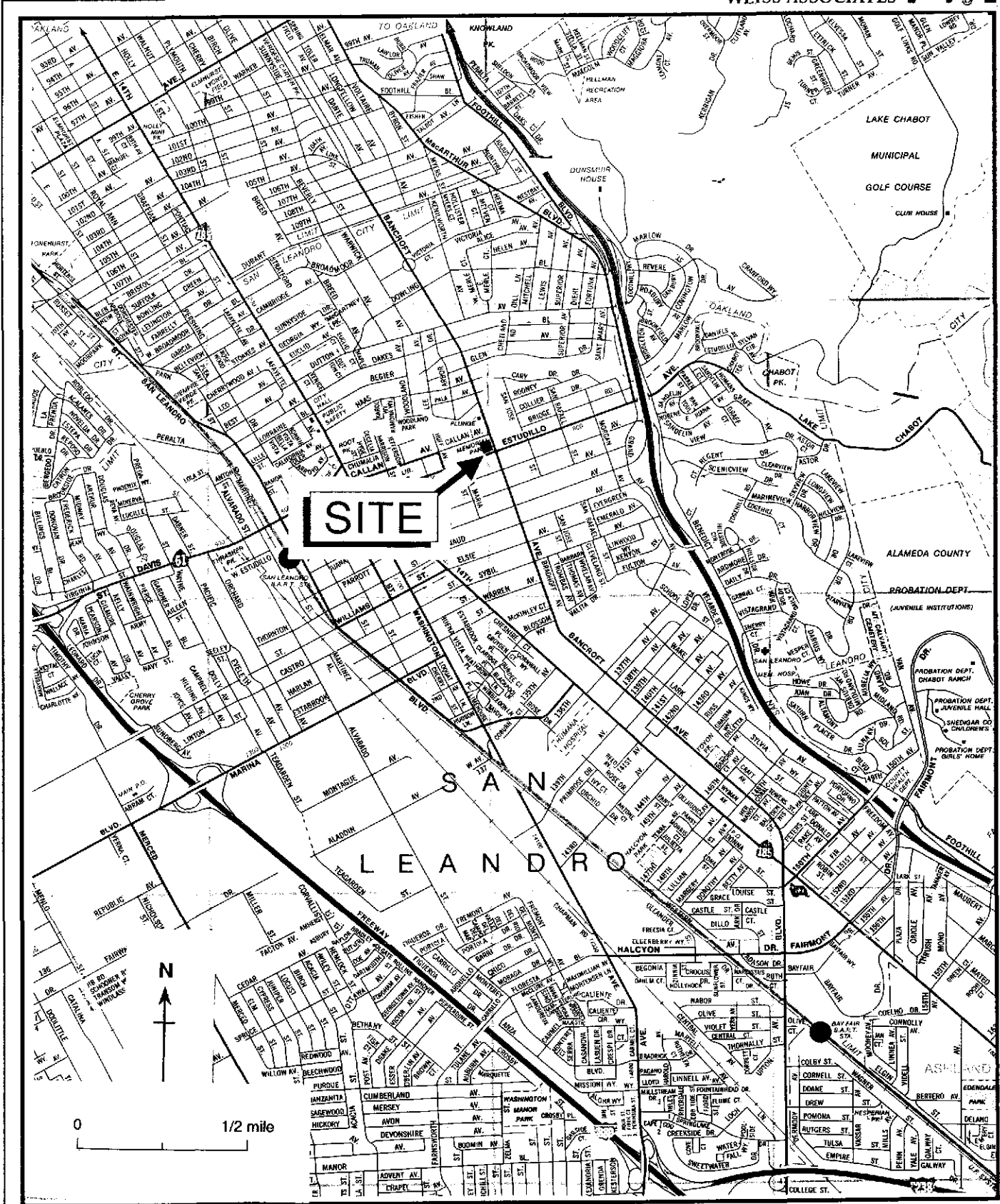
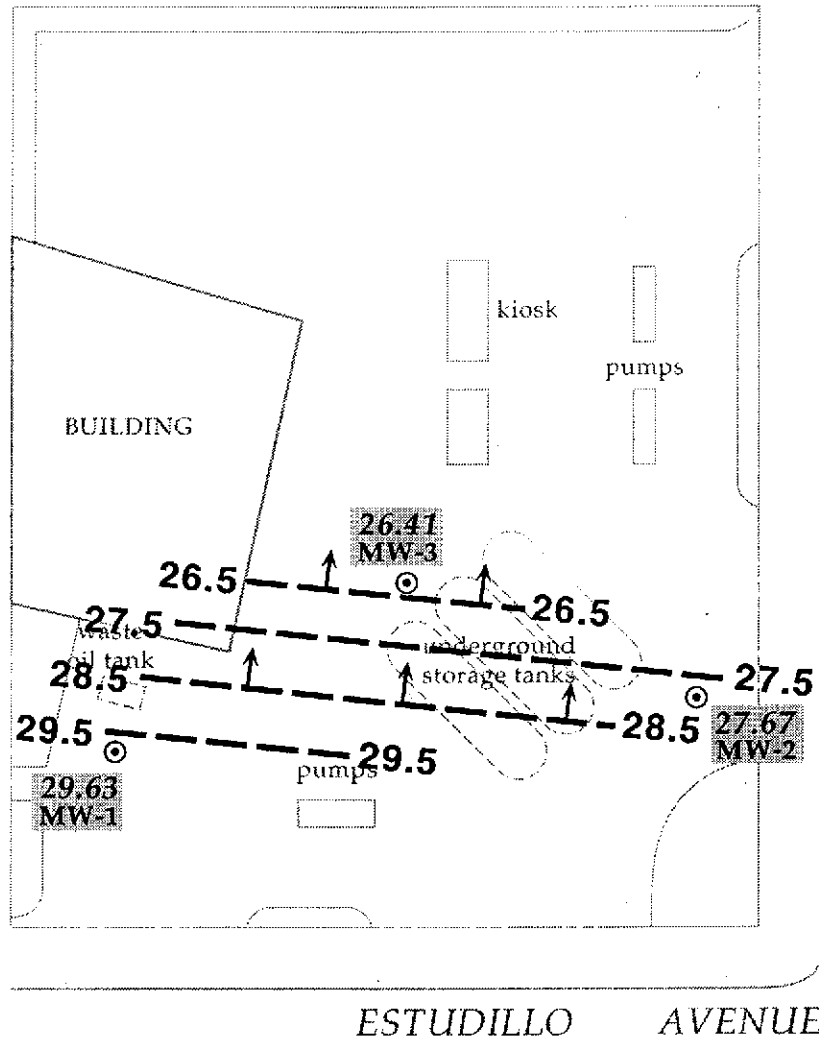


Figure 1. Site Location Map - Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California



EXPLANATION	
⊙ MW-2	Monitoring well
26.41	Ground water elevation, ft above mean sea level
— 26.5	Ground water elevation contour, ft above mean sea level, approximately located, dashed where inferred
→	Inferred ground water flow direction

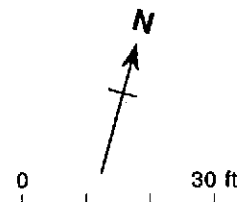


Figure 2. Monitoring Well Locations and Ground Water Elevation Contours - September 9, 1993 - Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California

Table 1. Ground Water Elevations, Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft)	Ground Water Elevation (ft above msl)
MW-1	03/13/90	66.29	42.65	23.64
	06/12/90		43.14	23.15
	09/13/90		44.71	21.58
	12/18/90		45.23	21.06
	03/07/91		43.32	22.97
	06/07/91		42.18	24.11
	09/17/91		44.85	21.44
	03/01/92		41.56	24.73
	06/03/92		40.74	25.55
	09/01/92		43.05	23.24
	12/07/92		44.19	22.10
	03/01/93		34.96	31.33
	06/22/93		36.75	29.54
	09/09/93		39.36	26.93
MW-2	03/01/92	66.91	41.57	25.34
	06/03/92		40.56	26.35
	09/01/92		42.94	23.97
	12/07/92		44.13	22.78
	03/01/93		34.82	32.09
	06/22/93		36.64	30.27
	09/09/93		39.24	27.67
MW-3	03/01/92	66.31	42.00	24.31
	06/03/92		44.30	22.01
	09/01/92		43.62	22.69
	12/07/92		44.77	21.54
	03/01/93		35.50	30.81
	06/22/93		37.30	29.01
	09/09/93		39.90	26.41

Table 2A. Analytical Results for Ground Water - Fuel Compounds - Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California

Well ID	Date Sampled	Depth to Water (ft)	TPH-G	TPH-D	B E T X			
					-----parts per billion (µg/L)-----			
	09/17/91	44.85	50 <sup>a</sup>	160 <sup>b</sup>	<0.5	<0.5	<0.5	<0.5
	03/01/92	41.56	<50	<50	<0.5	<0.5	<0.5	<0.5
	06/03/92	40.74	<50	---	0.8	0.9	<0.5	<0.5
	09/01/92	43.05	<50	---	<0.5	5.3	5.8	7.2
	12/07/92	44.19	68	---	<0.5	<0.5	0.8	1.2
	03/01/93	34.96	<50	---	<0.5	<0.5	<0.5	<0.5
	03/01/93 <sup>dup</sup>		<50	---	<0.5	<0.5	<0.5	<0.5
	06/22/93	36.75	<50	---	<0.5	<0.5	<0.5	<0.5
	09/09/93	39.36	<50	---	<0.5	<0.5	<0.5	<0.5
	03/01/92	41.57	910	<50	11	50	5.2	140
	06/03/92	40.56	1,400	---	33	150	16	240
	09/01/92	42.94	230	---	5.2	15	4.1	19
	09/01/92 <sup>dup</sup>		320	---	5.6	18	5	220
	12/07/92	44.13	240	---	1.5	9.5	1.3	9.9
	12/07/92 <sup>dup</sup>		<50	---	1.7	13	1	12
	03/01/93	34.82	230	---	260	27	310	66
	06/22/93	36.64	---	---	---	---	---	---
	06/22/93 <sup>dup</sup>		---	---	---	---	---	---
	09/09/93	39.24	---	---	---	---	---	---
	09/09/93	39.24	---	---	---	---	---	---
	03/01/92	42.00	<50	<50	<0.5	<0.5	<0.5	<0.5
	06/03/92	44.30	<50	---	<0.5	<0.5	<0.5	<0.5
	09/01/92	43.62	<50	---	<0.5	1.1	<0.5	3.2
	12/07/92	44.77	52	---	<0.5	<0.5	<0.5	0.5
	03/01/93	35.50	<50	---	<0.5	<0.5	<0.5	<0.5
	06/22/93	37.30	<50	---	<0.5	<0.5	<0.5	<0.5
	09/09/93	39.90	<50	---	<0.5	<0.5	<0.5	<0.5
Bailer	09/01/92		<50	---	<0.5	<0.5	<0.5	1
Blank	12/07/92		<50	---	<0.5	<0.5	<0.5	<0.5
Trip	09/17/91		<50	---	<0.5	<0.5	<0.5	<0.5
Blank	03/01/92		<50	---	<0.5	<0.5	<0.5	<0.5
	06/03/92		<50	---	<0.5	<0.5	<0.5	<0.5
	09/01/92		<50	---	<0.5	<0.5	<0.5	<0.5
	12/07/92		<50	---	<0.5	<0.5	<0.5	<0.5
	03/01/93		<50	---	<0.5	<0.5	<0.5	<0.5
	06/22/93		<50	---	<0.5	<0.5	<0.5	<0.5
	09/09/93		<50	---	<0.5	<0.5	<0.5	<0.5
DTSC MCLs			NE	NE	1	680	100 <sup>d</sup>	1,750

Weiss Associates



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Table 2A. Analytical Results for Ground Water - Fuel Compounds - Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California  
(continued)

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Abbreviations:

TPH-G = Total petroleum hydrocarbons as gasoline by Modified EPA Method 8015

TPH-D = Total petroleum hydrocarbons as diesel by Modified EPA Method 8015

B = Benzene by EPA Method 8020

E = Ethylbenzene by EPA Method 8020

T = Toluene by EPA Method 8020

X = Xylenes by EPA Method 8020

dup = Duplicate sample

NE = Not established

DTSC MCLs = California Department of Toxic Substances Control maximum contaminant levels for drinking water

--- = Not analyzed

<n = Not detected at detection limits of n ppm

Notes:

a = Result due to a non-gasoline hydrocarbon compound

b = Result due to a non-diesel hydrocarbon compound

c = The concentrations reported as gasoline are primarily due to the presence of gasoline and a discrete peak not indicative of gasoline.

d = DTSC recommended action level; MCL not established

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Table 2B. Analytic Reports for Ground Water - Non-Fuel Compounds - Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California

Well ID	Date Sampled	Depth to Water	TCE	TOG	PCE	Chloroform	cis-1,2-DCE	trans-1,2-DCE
			-----parts per billion (µg/L)-----					
MW-1	03/08/90	42.65	---	<10,000	35	6.3	---	---
	06/12/90	43.14	---	<10,000	1.9	63	---	---
	09/13/90	44.71	---	<10,000	26	9	---	---
	12/18/90	45.23	---	<10,000	<0.4	5.3	---	---
	03/07/91	43.32	---	---	23	3.7	---	---
	06/07/91	42.18	---	---	21	6.6	---	---
	09/17/91	44.85	---	---	23	7.4	---	---
	03/01/92	41.56	<0.4	---	21	6.3	---	<0.4
	06/03/92	40.74	17	---	<0.5	6.7	<0.5	<0.5
	09/01/92	43.05	12	---	<0.5	5.8	<0.5	<0.5
	12/07/92	44.19	<0.5	---	17	9	<0.5	<0.5
	03/01/93	34.96	<0.5	---	22	13	<0.5	<0.5
	03/01/93 <sup>dup</sup>		<0.5	---	22	13	<0.5	<0.5
	06/23/93	36.75	<0.5	---	18	8	<0.5	<0.5
	09/09/93	39.36	<0.5	---	17	6.5	<0.5	<0.5
MW-2	03/01/92	41.57	<0.4	---	11	8.9	---	<0.4
	06/03/92	40.56	7.4	---	<0.5	<0.5	0.76	6.3
	09/01/92	42.94	8.4	---	<0.5	9.1	<0.5	<0.5
	09/01/92 <sup>dup</sup>	42.94	8.4	---	<0.5	8.1	<0.5	<0.5
	12/07/92	44.13	<0.5	---	10	10	<0.5	<0.5
	12/07/92 <sup>dup</sup>	44.13	<0.5	---	10	9	<0.5	<0.5
	03/01/93	34.82	<0.5	---	<0.5	<0.5	<0.5	<0.5
	06/22/93	36.64	<0.5	---	13	7.9	<0.5	<0.5
	06/22/93 <sup>dup</sup>	36.64	<0.5	---	12	6.9	<0.5	<0.5
	09/09/93	39.24	<0.5	---	11	7.5	<0.5	<0.5
	09/09/93	39.24	<0.5	---	12	6.9	<0.5	<0.5
MW-3	03/01/92	42.00	<0.4	---	8.8	2.4	---	<0.4
	06/03/92	44.30	3	---	<0.5	1.5	<0.5	<0.5
	09/01/92	43.62	8.8	---	<0.5	2.3	<0.5	<0.5
	12/07/92	44.77	<0.5	---	10	3	<0.5	<0.5
	03/01/93	35.50	<0.5	---	9.2	9.4	<0.5	<0.5
	06/22/93	37.30	<0.5	---	7.8	9.6	<0.5	<0.5
	09/09/93	39.90	<0.5	---	11	7.5	<0.5	<0.5
	09/09/93	39.90	<0.5	---	12	6.9	<0.5	<0.5
Bailer Blank	09/01/92		<0.5	---	<0.5	<0.5	<0.5	<0.5
	12/07/92		<0.5	---	<0.5	<0.5	<0.5	<0.5
Trip Blank	09/01/92		<0.5	---	<0.5	<0.5	<0.5	<0.5
	12/07/92 <sup>a</sup>		<0.5	---	<0.5	<0.5	<0.5	<0.5
	03/01/93		<0.5	---	<0.5	<0.5	<0.5	<0.5
	06/22/93 <sup>b</sup>		<0.5	---	<0.5	<0.5	<0.5	<0.5
DTSC MCLs			5	NE	5	NE	6	10



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Table 2B. Analytic Reports for Ground Water - Non-Fuel Compounds - Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California (continued)

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Abbreviations:

TCE = Trichloroethene by EPA Method 601  
TOG = Total non-polar oil and grease by American Public Health Association Standard Methods 503A&E  
PCE = Tetrachloroethene by EPA Method 601  
cis-1,2-DCE = cis-1,2-Dichloroethene by EPA Method 601  
trans-1,2-DCE = trans-1,2-Dichloroethene by EPA Method 601  
CHLOR = Chloroform by EPA Method 601  
--- = Not analyzed  
dup = Duplicate sample  
DTSC MCLs = Department of Toxic Substances Control maximum contaminant levels for drinking water  
NE = DTSC MCL not established

Notes:

a = Sample contained 0.014 mg/L of 1,3-Dichlorobenzene.  
b = Although 1.4 ppb methylene chloride was detected in one of the ground water samples from well MW-2, the laboratory indicated that this was within normal laboratory background concentrations.

**ATTACHMENT A**  
**GROUND WATER MONITORING REPORT AND ANALYTIC REPORT**

October 1, 1993

Shell Oil Company  
P.O. Box 5278  
Concord, CA 94520-9998

Attn: Daniel T. Kirk

SITE:  
Shell WIC #204-6852-0703  
1285 Bancroft Avenue  
San Leandro, California

QUARTER:  
3rd quarter of 1993

## QUARTERLY GROUNDWATER SAMPLING REPORT 930909-L-2

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This report contains data collected during routine inspection, gauging and sampling of groundwater monitoring wells performed by Blaine Tech Services, Inc. in response to the request of the consultant who is overseeing work at this site on behalf of our mutual client, Shell Oil Company. Data collected in the course of our field work is presented in a TABLE OF WELL GAUGING DATA. The field information was collected during our preliminary gauging and inspection of the wells, the subsequent evacuation of each well prior to sampling, and at the time of sampling.

Measurements taken include the total depth of the well and the depth to water. The surface of water was further inspected for the presence of immiscibles which may be present as a thin film (a sheen on the surface of the water) or as a measurable free product zone (FPZ). At intervals during the evacuation phase, the purge water was monitored with instruments that measure electrical conductivity (EC), potential hydrogen (pH), temperature (degrees Fahrenheit), and turbidity (NTU). In the interest of simplicity, fundamental information is tabulated here, while the bulk of the information is turned over directly to the consultant who is making professional interpretations and evaluations of the conditions at the site.

## STANDARD PROCEDURES

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### Evacuation

Groundwater wells are thoroughly purged before sampling to insure that the sample is collected from water that has been newly drawn into the well from the surrounding geologic formation. The selection of equipment to evacuate each well is based on the physical characteristics of the well and what is known about the performance of the formation in which the well has been installed. There are several suitable devices which can be used for evacuation. The most commonly employed devices are air or gas actuated pumps, electric submersible pumps, and hand or mechanically actuated bailers. Our personnel frequently employ USGS/Middleburg positive displacement pumps or similar air actuated pumps which do not agitate the water standing in the well.

Normal evacuation removes three case volumes of water from the well. More than three case volumes of water are removed in cases where more evacuation is needed to achieve stabilization of water parameters and when requested by the local implementing agency. Less water may be removed in cases where the well dewateres and does not recharge to 80% of its original volume within two hours and any additional time our personnel have reason to remain at the site. In such cases, our personnel return to the site within twenty four hours and collect sample material from the water which has recharged into the well case.

### Decontamination

All apparatus is brought to the site in clean and serviceable condition. The equipment is decontaminated after each use and before leaving the site. Effluent water from purging and on-site equipment cleaning is collected and transported to Shell's Martinez Manufacturing Complex in Martinez, California.

### Free Product Skimmer

The column headed, VOLUME OF IMMISCIBLES REMOVED (ml) is included in the TABLE OF WELL GAUGING DATA to cover situations where a free product skimming device must be removed from the well prior to gauging. Skimmers are installed in wells with a free product zone on the surface of the water. The skimmer is a free product recovery device which often prevents normal well gauging and free product zone measurements. The 2.0" and 3.0" PetroTraps fall into the category of devices that obstruct normal gauging. In cases where the consultant elects to have our personnel pull the skimmers out of the well and gauge the well, our personnel perform the additional task of draining the accumulated free product out of the PetroTrap before putting it back in the well. This

recovered free product is measured and logged in the VOLUME OF IMMISCIBLES REMOVED column. Gauging at such sites is performed in accordance with specific directions from the professional consulting firm overseeing work at the site on Shell's behalf.

### **Sample Containers**

Sample material is collected in specially prepared containers which are provided by the laboratory that performs the analyses.

### **Sampling**

Sample material is collected in stainless steel bailer type devices normally fitted with both a top and a bottom check valve. Water is promptly decanted into new sample containers in a manner which reduces the loss of volatile constituents and follows the applicable EPA standard for handling volatile organic and semi-volatile compounds.

Following collection, samples are promptly placed in an ice chest containing prefrozen blocks of an inert ice substitute such as Blue Ice or Super Ice. The samples are maintained in either an ice chest or a refrigerator until delivered into the custody of the laboratory.

### **Sample Designations**

All sample containers are identified with a site designation and a discrete sample identification number specific to that particular groundwater well. Additional standard notations (e.g. time, date, sampler) are also made on the label.

### **Chain of Custody**

Samples are continuously maintained in an appropriate cooled container while in our custody and until delivered to the laboratory under a standard Shell Oil Company chain of custody. If the samples are taken charge of by a different party (such as another person from our office, a courier, etc.) prior to being delivered to the laboratory, appropriate release and acceptance records are made on the chain of custody (time, date, and signature of the person releasing the samples followed by the time, date and signature of the person accepting custody of the samples).

## Hazardous Materials Testing Laboratory

The samples obtained at this site were delivered to Anametrix, Inc. in San Jose, California. Anametrix, Inc. is a California Department of Health Services certified Hazardous Materials Testing Laboratory and is listed as DOHS HMTL #1234.

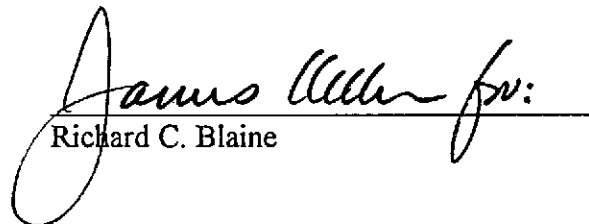
## Objective Information Collection

Blaine Tech Services, Inc. performs specialized environmental sampling and documentation as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. performs no consulting and does not become involved in the marketing or installation of remedial systems of any kind. Blaine Tech Services, Inc. is concerned only with the generation of objective information, not with the use of that information to support evaluations and recommendations concerning the environmental condition of the site. Even the straightforward interpretation of objective analytical data is better performed by interested regulatory agencies, and those engineers and geologists who are engaged in the work of providing professional opinions about the site and proposals to perform additional investigation or design remedial systems.

## Reportage

Submission of this report and the attached laboratory report to interested regulatory agencies is handled by the consultant in charge of the project. Any professional evaluations or recommendations will be made by the consultant under separate cover.

Please call if we can be of any further assistance.

  
Richard C. Blaine

RCB/lpn

attachments: table of well gauging data  
chain of custody  
certified analytical report

cc: Weiss Associates  
5500 Shellmound Street  
Emeryville, CA 94608-2411  
ATTN: Michael Apsort


## TABLE OF WELL GAUGING DATA

WELL I.D.	DATA COLLECTION DATE	MEASUREMENT REFERENCED TO	QUALITATIVE OBSERVATIONS (sheen)	DEPTH TO FIRST IMMISCIBLE LIQUID (FPZ) (feet)	THICKNESS OF IMMISCIBLE LIQUID ZONE (feet)	VOLUME OF IMMISCIBLES REMOVED (ml)	DEPTH TO WATER (feet)	DEPTH TO WELL BOTTOM (feet)
MW-1	9/9/93	TOC	--	NONE	--	--	39.36	59.26
MW-2*	9/9/93	TOC	--	NONE	--	--	39.24	59.17
MW-3	9/9/93	TOC	--	NONE	--	--	39.90	57.97

\* Sample DUP was a duplicate sample taken from well MW-2.

9309138

16 18

 <b>SHELL OIL COMPANY</b> RETAIL ENVIRONMENTAL ENGINEERING - WEST		<b>CHAIN OF CUSTODY RECORD</b> Serial No: <u>93090942</u>			Date: <u>9.9.93</u> Page <u>1</u> of <u>1</u>																																																													
Site Address: 1285 Bancroft Avenue, San Leandro WIC#: 204-6852-0703 Shell Engineer: Dan Kirk Phone No.: (510) 575-6168 Fax #: 675-6160 Consultant Name & Address: Blaine Tech Services, Inc. 985 Timothy Drive San Jose, CA 95133 Consultant Contact: Jim Keller Phone No.: (408) 995-5535 Fax #: 293-8773 Commons: Sampled by: <u>Lad Ower</u> Printed Name: <u>LAD OWER</u>		<b>Analysis Required</b> TPH (EPA 8015 Mod. Gas) TPH (EPA 8015 Mod. Diesel) BTEX (EPA 8020/602) Volatile Organics (EPA 8240) Test for Disposal Combination TPH 8015 & BTEX 8020 <u>EPA 601</u> Asbestos Container Size Preparation Used Composite Y/N			LAB: <u>Anametrix</u> <table border="1"> <tr> <th>CHECK ONE (1) BOX ONLY</th> <th>CT/DI</th> <th>TURN AROUND TIME</th> </tr> <tr> <td>Quarterly Monitoring</td> <td><input checked="" type="checkbox"/> 441</td> <td>24 hours <input type="checkbox"/></td> </tr> <tr> <td>Site Investigation</td> <td><input type="checkbox"/> 441</td> <td>48 hours <input type="checkbox"/></td> </tr> <tr> <td>Soil Cleanup/Disposal</td> <td><input type="checkbox"/> 442</td> <td>16 days <input checked="" type="checkbox"/> (Normal)</td> </tr> <tr> <td>Water Cleanup/Disposal</td> <td><input type="checkbox"/> 443</td> <td>Other: <input type="checkbox"/></td> </tr> <tr> <td>Soil/Air Rem. or Sys. O &amp; M</td> <td><input type="checkbox"/> 442</td> <td></td> </tr> <tr> <td>Water Rem. or Sys. O &amp; M</td> <td><input type="checkbox"/> 443</td> <td></td> </tr> <tr> <td>Other</td> <td><input type="checkbox"/></td> <td></td> </tr> </table>		CHECK ONE (1) BOX ONLY	CT/DI	TURN AROUND TIME	Quarterly Monitoring	<input checked="" type="checkbox"/> 441	24 hours <input type="checkbox"/>	Site Investigation	<input type="checkbox"/> 441	48 hours <input type="checkbox"/>	Soil Cleanup/Disposal	<input type="checkbox"/> 442	16 days <input checked="" type="checkbox"/> (Normal)	Water Cleanup/Disposal	<input type="checkbox"/> 443	Other: <input type="checkbox"/>	Soil/Air Rem. or Sys. O & M	<input type="checkbox"/> 442		Water Rem. or Sys. O & M	<input type="checkbox"/> 443		Other	<input type="checkbox"/>																																					
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Relinquished By (Signature): <u>Lad Ower</u> Relinquished By (Signature): <u>Renny S. Carrizosa</u> Relinquished By (Signature): _____		Printed Name: <u>LAD OWER</u> Printed Name: <u>RENNY S. CARRIZOSA</u> Printed Name: _____		Date: <u>9-12-93</u> Time: <u>1620</u> Date: <u>9-11-93</u> Time: <u>1645</u> Date: _____ Time: _____		Received (Signature): <u>Renny S. Carrizosa</u> Received (Signature): <u>Mania Carrizosa</u> Received (Signature): _____		Printed Name: <u>RENNY S. CARRIZOSA</u> Printed Name: <u>Mania Carrizosa</u> Printed Name: _____		Date: <u>9-12-93</u> Time: <u>1629</u> Date: <u>9/12/93</u> Time: <u>16:45</u> Date: _____ Time: _____																																																								





# Inchcape Testing Services

## Anamatrix Laboratories

1961 Concourse Drive  
 Suite F  
 San Jose, CA 95131  
 Tel: 408-432-8192  
 Fax: 408-432-8198

MR. JIM KELLER  
 BLAINE TECH  
 985 TIMOTHY DRIVE  
 SAN JOSE, CA 95133

Workorder # : 9309138  
 Date Received : 09/10/93  
 Project ID : 204-6852-0703  
 Purchase Order: MOH-B813

The following samples were received at Anamatrix, Inc. for analysis :

ANAMATRIX ID	CLIENT SAMPLE ID
9309138- 1	MW-1
9309138- 2	MW-2
9309138- 3	MW-3
9309138- 4	EB
9309138- 5	DUP
9309138- 6	TB

This report consists of 16 pages not including the cover letter, and is organized in sections according to the specific Anamatrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anamatrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anamatrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anamatrix.

Sarah Schoen, Ph.D.  
 Laboratory Director

09/21/93  
 Date

REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. JIM KELLER  
BLAINE TECH  
985 TIMOTHY DRIVE  
SAN JOSE, CA 95133

Workorder # : 9309138  
Date Received : 09/10/93  
Project ID : 204-6852-0703  
Purchase Order: MOH-B813  
Department : GC  
Sub-Department: VOA

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9309138- 1	MW-1	WATER	09/09/93	8010
9309138- 2	MW-2	WATER	09/09/93	8010
9309138- 3	MW-3	WATER	09/09/93	8010
9309138- 4	EB	WATER	09/09/93	8010
9309138- 5	DUP	WATER	09/09/93	8010

REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. JIM KELLER  
BLAINE TECH  
985 TIMOTHY DRIVE  
SAN JOSE, CA 95133

Workorder # : 9309138  
Date Received : 09/10/93  
Project ID : 204-6852-0703  
Purchase Order: MOH-B813  
Department : GC  
Sub-Department: VOA

QA/QC SUMMARY :

- The amount of methylene chloride reported in sample EB is within normal laboratory background levels.

Jayhi Memarzadeh 9/21/93  
Department Supervisor Date

Michelle Young 9/21/93  
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
 ANAMETRIX, INC. (408)432-8192

Project ID : 204-6852  
 Sample ID : MW-1  
 Matrix : WATER  
 Date Sampled : 9/ 9/93  
 Date Analyzed : 9/15/93  
 Instrument ID : HP24

Anamatrix ID : 9309138-01  
 Analyst : *CH*  
 Supervisor : *TMT*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	<b>Chloroform</b>	.50	6.5	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	<b>Tetrachloroethene</b>	.50	17.4	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	1.0	ND	U
106-46-7	1,4-Dichlorobenzene	1.0	ND	U
95-50-1	1,2-Dichlorobenzene	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 601  
 ANAMETRIX, INC. (408)432-8192

Project ID : 204-6852  
 Sample ID : MW-2  
 Matrix : WATER  
 Date Sampled : 9/ 9/93  
 Date Analyzed : 9/15/93  
 Instrument ID : HP24

Anamatrix ID : 9309138-02  
 Analyst : *inf*  
 Supervisor : *Tnt*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	<b>cis-1,2-Dichloroethene</b>	.50	1.9	U
67-66-3	<b>Chloroform</b>	.50	5.9	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	<b>Tetrachloroethene</b>	.50	11.	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	1.0	ND	U
106-46-7	1,4-Dichlorobenzene	1.0	ND	U
95-50-1	1,2-Dichlorobenzene	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 601  
 ANAMETRIX, INC. (408) 432-8192

Project ID : 204-6852  
 Sample ID : MW-3  
 Matrix : WATER  
 Date Sampled : 9/ 9/93  
 Date Analyzed : 9/15/93  
 Instrument ID : HP24

Anamatrix ID : 9309138-03  
 Analyst : *mf*  
 Supervisor : *TMT*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	7.3	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	7.9	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	1.0	ND	U
106-46-7	1,4-Dichlorobenzene	1.0	ND	U
95-50-1	1,2-Dichlorobenzene	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
 ANAMETRIX, INC. (408)432-8192

Project ID : 204-6852  
 Sample ID : EB  
 Matrix : WATER  
 Date Sampled : 9/ 9/93  
 Date Analyzed : 9/15/93  
 Instrument ID : HP24

Anamatrix ID : 9309138-04  
 Analyst : *TM*  
 Supervisor : *TM*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	<b>Methylene chloride</b>	1.0	2.2	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	1.0	ND	U
106-46-7	1,4-Dichlorobenzene	1.0	ND	U
95-50-1	1,2-Dichlorobenzene	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 601  
 ANAMETRIX, INC. (408)432-8192

Project ID : 204-6852  
 Sample ID : DUP  
 Matrix : WATER  
 Date Sampled : 9/ 9/93  
 Date Analyzed : 9/15/93  
 Instrument ID : HP24

Anamatrix ID : 9309138-05  
 Analyst : *mf*  
 Supervisor : *TM*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	<del>1,1-Dichloroethane</del>	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	1.1	
67-66-3	Chloroform	.50	7.3	
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	<b>Tetrachloroethene</b>	.50	12.	
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	1.0	ND	U
106-46-7	1,4-Dichlorobenzene	1.0	ND	U
95-50-1	1,2-Dichlorobenzene	1.0	ND	U



ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
ANAMETRIX, INC. (408)432-8192

Project ID : 204-68  
Sample ID : B0915  
Matrix : WATER  
Date Sampled : 0/ 0/ 0  
Date Analyzed : 9/15/93  
Instrument ID : HP24

Anamatrix ID : METHOD BLK  
Analyst : *mt*  
Supervisor : *TM*  
Dilution Factor : 1.0  
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	1.0	ND	U
106-46-7	1,4-Dichlorobenzene	1.0	ND	U
95-50-1	1,2-Dichlorobenzene	1.0	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8010  
ANAMETRIX, INC. (408)432-8192

Project ID : 204-6852  
Matrix : LIQUID

Anamatrix ID : 9309138  
Analyst : *mf*  
Supervisor : *TM*

	SAMPLE ID	SU1	SU2	SU3
1	B0915	100		
2	MW-1	96		
3	MW-2	91		
4	MW-3	92		
5	EB	91		
6	DUP	93		
7				
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QC LIMITS

SU1 = Chlorofluorobenzene (51-136)

\* Values outside of Anamatrix QC limits

LABORATORY CONTROL SAMPLE  
 EPA METHOD 601/8010  
 ANAMETRIX, INC. (408)432-8192

Project/Case : LABORATORY CONTROL SAMPLE  
 Matrix : WATER  
 SDG/Batch : N/A  
 Date analyzed : 09/15/93

Anamatrix I.D. : W0091593  
 Analyst : *TM*  
 Supervisor : *TM*  
 Instrument I.D. : HP24

COMPOUND	SPIKE AMOUNT (ug/L)	AMOUNT RECOVERED (ug/L)	PERCENT RECOVERY	%RECOVERY LIMITS
FREON 113	10	8.4	84%	34 - 128
1,1-DICHLOROETHENE	10	8.9	89%	63 - 133
trans-1,2-DICHLOROETHENE	10	9.3	93%	55 - 145
1,1-DICHLOROETHANE	10	10.4	104%	49 - 121
cis-1,2-DICHLOROETHENE	10	9.6	96%	66 - 168
1,1,1-TRICHLOROETHANE	10	9.8	98%	72 - 143
TRICHLOROETHENE	10	9.4	94%	63 - 147
TETRACHLOROETHENE	10	9.6	96%	60 - 133
CHLOROBENZENE	10	9.9	99%	70 - 148
1,3-DICHLOROBENZENE	10	9.5	95%	49 - 139
1,4-DICHLOROBENZENE	10	9.6	96%	70 - 133
1,2-DICHLOROBENZENE	10	10.0	100%	69 - 140

\* Limits based on data generated by Anamatrix, Inc., August, 1992.

REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. JIM KELLER  
BLAINE TECH  
985 TIMOTHY DRIVE  
SAN JOSE, CA 95133

Workorder # : 9309138  
Date Received : 09/10/93  
Project ID : 204-6852-0703  
Purchase Order: MOH-B813  
Department : GC  
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9309138- 1	MW-1	WATER	09/09/93	TPHgBTEX
9309138- 2	MW-2	WATER	09/09/93	TPHgBTEX
9309138- 3	MW-3	WATER	09/09/93	TPHgBTEX
9309138- 4	EB	WATER	09/09/93	TPHgBTEX
9309138- 5	DUP	WATER	09/09/93	TPHgBTEX
9309138- 6	TB	WATER	09/09/93	TPHgBTEX

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QA/QC SUMMARY :

- The concentrations reported as gasoline for samples MW-1 and MW-3 are primarily due to the presence of a combination of gasoline and a discrete peak not indicative of gasoline.

Charles Balmer  
Department Supervisor

9/20/93  
Date

Charles M. Burch 9.20.93  
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS  
(GASOLINE WITH BTEX)  
ANAMETRIX, INC. - (408) 432-8192

Anamatrix W.O.: 9309138  
Matrix : WATER  
Date Sampled : 09/09/93

Project Number : 204-6852-0703  
Date Released : 09/20/93

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# MW-1	Sample I.D.# MW-2	Sample I.D.# MW-3	Sample I.D.# EB	Sample I.D.# DUP
Benzene	0.5	16	18	5.0	ND	16
Toluene	0.5	5.2	4.6	ND	ND	3.9
Ethylbenzene	0.5	2.0	16	ND	ND	14
Total Xylenes	0.5	ND	12	ND	ND	9.1
TPH as Gasoline	50	200	260	50	ND	210
% Surrogate Recovery		106%	103%	109%	109%	108%
Instrument I.D.		HP21	HP21	HP21	HP21	HP21
Date Analyzed		09/14/93	09/14/93	09/14/93	09/14/93	09/15/93
RLMF		1	1	1	1	1

- ND - Not detected at or above the practical quantitation limit for the method.
- TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
- BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
- RLMF - Reporting Limit Multiplication Factor (Dilution).

Anamatrix control limits for surrogate p-Bromofluorobenzene recovery are 61-139%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Charles R. Burch 9.21.93  
Analyst Date

Cheryl Balmer 9/20/93  
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS  
(GASOLINE WITH BTEX)  
ANAMETRIX, INC. - (408) 432-8192

Anamatrix W.O.: 9309138  
Matrix : WATER  
Date Sampled : 09/09/93

Project Number : 204-6852-0703  
Date Released : 09/20/93

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# TB	Sample I.D.# BS1401E2	Sample I.D.# BS1501E2
		-06	BLANK	BLANK
Benzene	0.5	ND	ND	ND
Toluene	0.5	ND	ND	ND
Ethylbenzene	0.5	ND	ND	ND
Total Xylenes	0.5	ND	ND	ND
TPH as Gasoline	50	ND	ND	ND
% Surrogate Recovery		106%	101%	101%
Instrument I.D.		HP21	HP21	HP21
Date Analyzed		09/15/93	09/14/93	09/15/93
RLMF		1	1	1

- ND - Not detected at or above the practical quantitation limit for the method.
- TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
- BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
- RLMF - Reporting Limit Multiplication Factor (Dilution).

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Charles Burch 9-20-93  
Analyst Date

Cheryl Belmer 9/20/93  
Supervisor Date

TOTAL VOLATILE HYDROCARBON LABORATORY CONTROL SAMPLE REPORT  
 EPA METHOD 5030 WITH GC/PID  
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : LAB CONTROL SAMPLE  
 Matrix : WATER  
 Date Sampled : N/A  
 Date Analyzed : 09/15/93

Anamatrix I.D. : MS1403E3  
 Analyst : *CMB*  
 Supervisor : *CS*  
 Date Released : 09/17/93  
 Instrument I.D.: HP21

COMPOUND	SPIKE AMT. (ug/L)	LCS (ug/L)	REC LCS	%REC LIMITS
Benzene	20.0	26.5	133%	52-133
Toluene	20.0	21.0	105%	57-136
Ethylbenzene	20.0	20.6	103%	56-139
TOTAL Xylenes	20.0	22.1	111%	56-141
P-BFB			107%	61-139

\* Limits established by Anamatrix, Inc.



TOTAL VOLATILE HYDROCARBON LABORATORY CONTROL SAMPLE REPORT  
 EPA METHOD 5030 WITH GC/PID  
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : LAB CONTROL SAMPLE  
 Matrix : WATER  
 Date Sampled : N/A  
 Date Analyzed : 09/15/93

Anamatrix I.D. : MS1501E3  
 Analyst : *EMB*  
 Supervisor : *CS*  
 Date Released : 09/17/93  
 Instrument I.D.: HP21

COMPOUND	SPIKE AMT. (ug/L)	LCS (ug/L)	REC LCS	%REC LIMITS
Benzene	20.0	17.2	86%	52-133
Toluene	20.0	18.3	92%	57-136
Ethylbenzene	20.0	18.1	91%	56-139
TOTAL Xylenes	20.0	19.4	97%	56-141
P-BFB			107%	61-139

\* Limits established by Anamatrix, Inc.