



July 28, 1995

Scott Seery
Alameda County Department
of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Second Quarter 1995**
Shell Service Station
WIC #204-6852-1404
1784 150th Avenue
San Leandro, California
WA Job #81-0422-205

Dear Mr. Seery:

This status report satisfies the quarterly reporting requirements prescribed by California Administrative Code Title 23 Waters, Division 3, Chapter 16, Article 5, Section 2652.d.

Second Quarter 1995 Activities

- Blaine Tech Services, Inc. (BTS) of San Jose, California measured ground water depths and collected ground water samples from the site wells (Figures 1 and 2). The BTS report describing these activities and the analytic report for the ground water samples are included as Attachment A.
- Weiss Associates (WA) calculated ground water elevations and compiled the analytic data (Tables 1 and 2), prepared a ground water elevation contour map and plotted benzene and total petroleum hydrocarbons as gasoline (TPH-G) concentrations in ground water (Figure 2).

Discussion of Quarterly Monitoring Results

Ground water elevations in June 1995 dropped about 2.5 to 3 ft in all site wells since the first quarter 1995. The ground water flow direction changed from southeasterly in the first quarter of 1995 to northerly. Historically, the ground water flow direction has been predominantly to the northwest. Furthermore, the distribution of dissolved hydrocarbons suggests that ground water flows northwestward, which is consistent with the topographic gradient.

Anticipated Third Quarter 1995 Activities

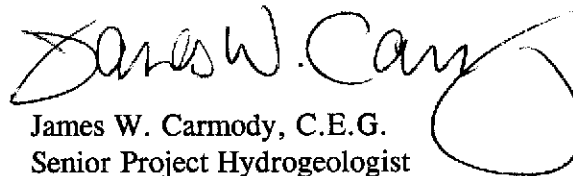
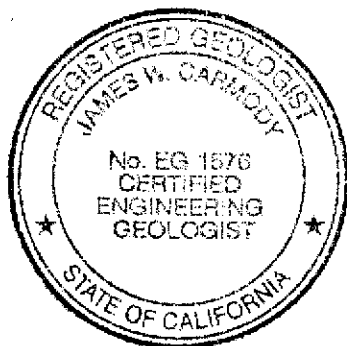
WA will submit a report presenting the results of the third quarter 1995 ground water monitoring results. The report will include tabulated chemical analytic results, ground water elevations, a ground water elevation contour map with plotted benzene and TPH-G concentrations in ground water.

We trust that this submittal meets your needs. Please call Tom Howard at (510) 450-6118 if you have any questions or comments.

Sincerely,
Weiss Associates



Thomas M. Howard
Project Geologist



James W. Carmody, C.E.G.
Senior Project Hydrogeologist

Attachments: Figures
Tables
A - BTS Ground Water Monitoring Report

cc: Dan Kirk, Shell Oil Products Company, P.O. Box 4023, Concord, California 94524
Kevin Graves, Regional Water Quality Control Board - San Francisco Bay Region,
2101 Webster Street, Suite 500, Oakland, California 94612

GSG/JWC:all
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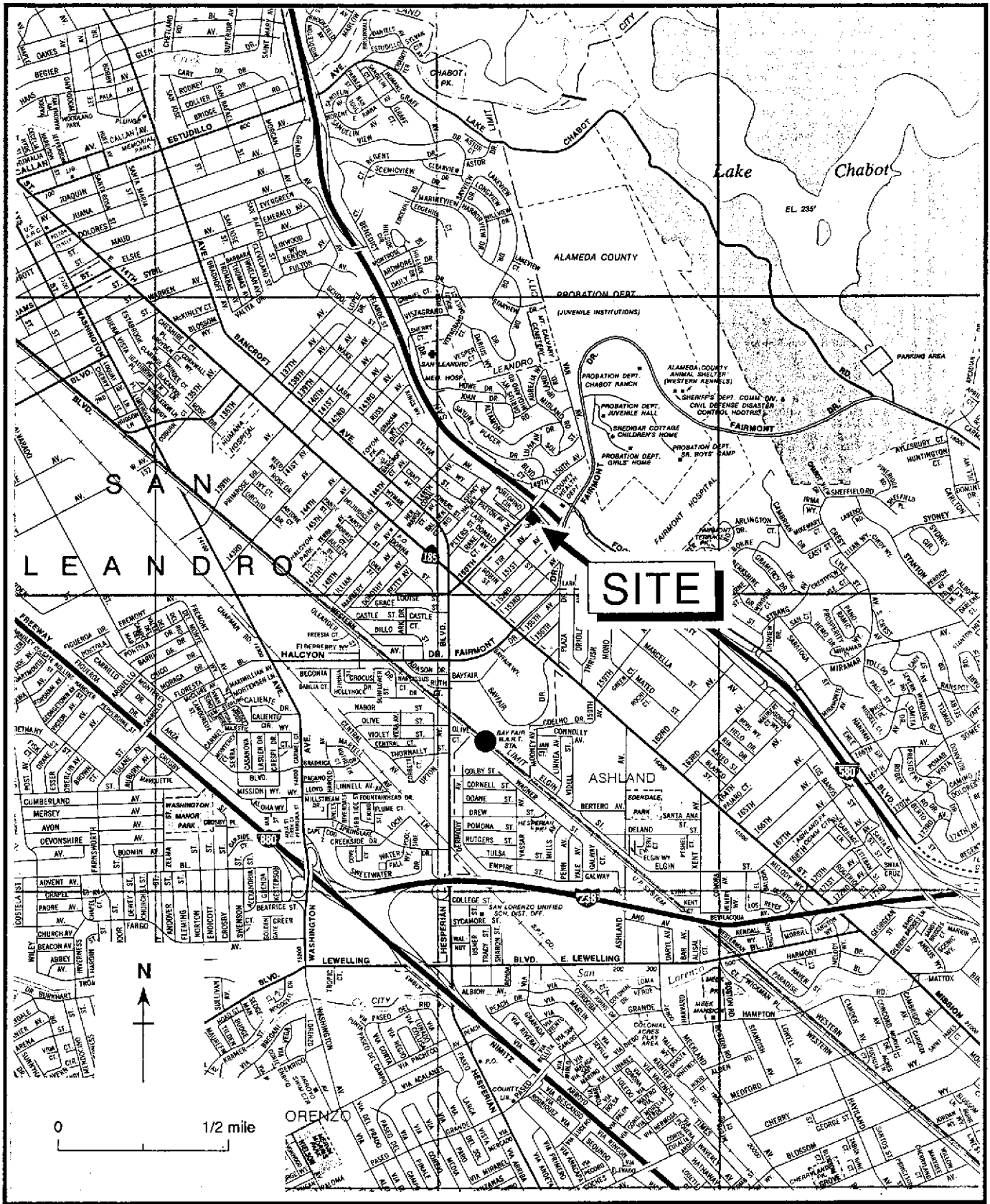


Figure 1. Site Location Map - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California

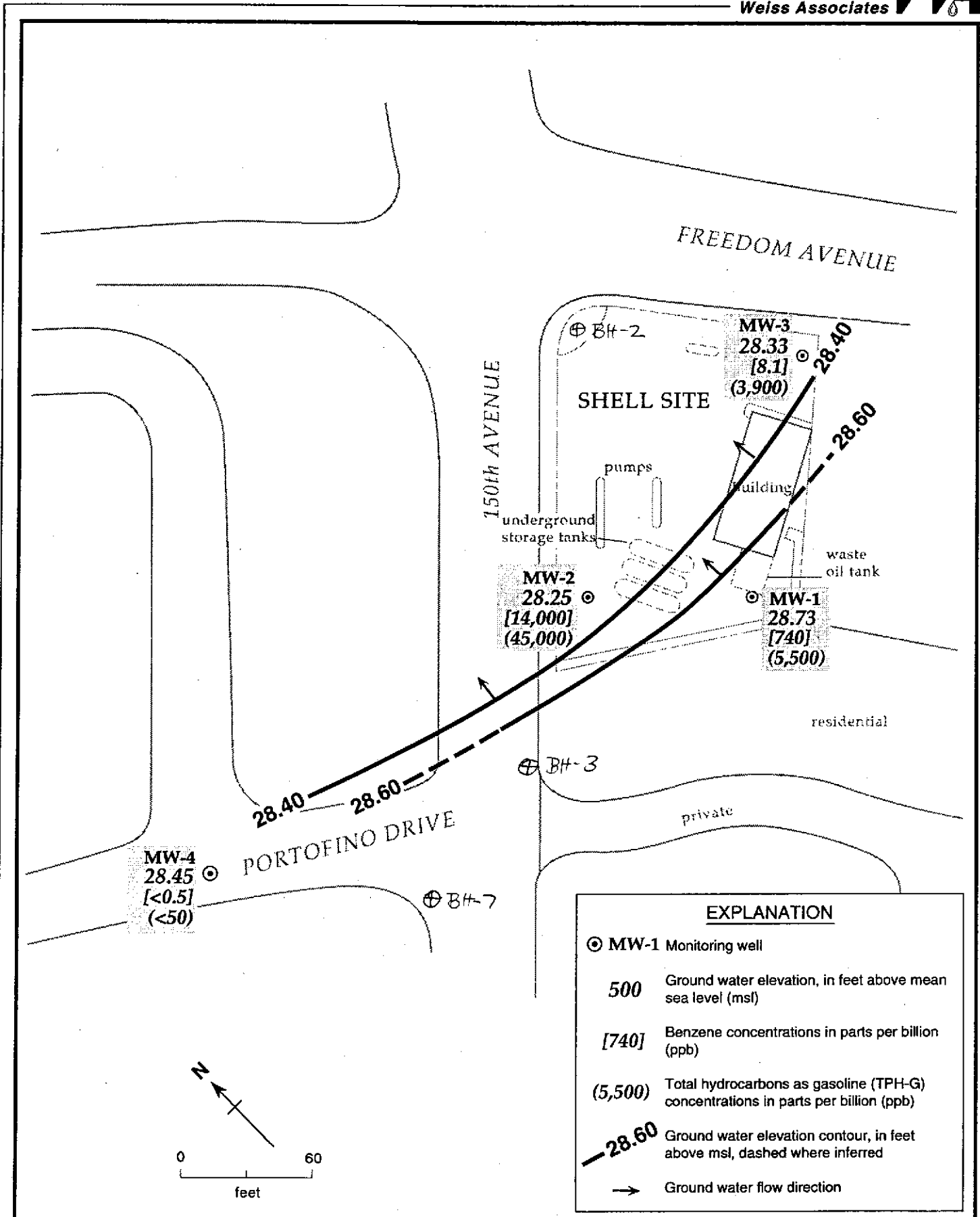


Figure 2 . Monitoring Well Locations, Ground Water Elevation Contours, Benzene and TPH-G Concentrations in Ground Water - June 26, 1995 - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California

Table 1. Ground Water Elevations - Shell Service Station WIC #204-6852-1404, 1784 150th 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	03/08/90	49.13	25.29	23.84
	06/12/90		25.85	23.28
	09/13/90		27.49	21.64
	12/18/90		27.41	21.72
	03/07/91		25.79	23.34
	06/07/91		25.64	23.49
	09/17/91		27.54	21.59
	12/09/91		27.81	21.32
	02/13/92		25.57	23.56
	02/24/92		22.83	26.30
	02/27/92		23.09	26.04
	03/01/92		23.26	25.87
	06/03/92		24.64	24.49
	09/01/92		26.74	22.39
	10/06/92		27.18	21.95
	11/11/92		27.99	21.14
	12/04/92		27.14	21.99
	01/22/93		20.09	29.04
	02/10/93		24.26	24.87
	03/03/93		20.50	28.63
	05/11/93		21.70	27.43
	06/17/93		22.42	26.71
	09/10/93		24.11	25.02
	12/13/93		23.73	25.40
	03/03/94		22.08	27.05
	06/06/94		23.10	26.03
09/12/94	25.19	23.94		
12/19/94	23.06	26.07		
02/28/95	20.90	28.23		
03/24/95	18.28	30.85		
06/26/95	20.40	28.73		
MW-2	02/13/92	45.83	22.22	23.61
	02/24/92		19.61	26.22
	02/27/92		19.92	25.91
	03/01/92		21.11	24.72
	06/03/92		21.58	24.25
	09/01/92		23.46	22.37
	10/06/92		23.99	21.84
	11/11/92		24.25	21.58
	12/04/92		23.89	21.94
	01/22/93		17.03	28.80
02/10/93	18.08	27.75		

Table 1. Ground Water Elevations - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California (continued)

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft)	Ground Water Elevation (ft above msl)
	03/03/93		17.28	28.55
	05/11/93		18.41	27.42
	06/17/93		19.06	26.77
	09/10/93		20.88	24.95
	12/13/93		20.42	25.41
	03/03/94		18.48	27.35
	06/06/94		20.26	25.57
	09/12/94		21.80	24.03
	12/19/94		19.66	26.17
	02/28/95		17.51	28.32
	03/24/95		14.88	30.95
	06/26/95		17.58	28.25
MW-3	02/13/92	51.97	27.97	24.00
	02/24/92		25.60	26.37
	02/27/92		25.88	26.09
	03/01/92		26.00	25.97
	06/03/92		27.70	24.27
	09/01/92		29.46	22.51
	10/06/92		30.01	21.96
	11/11/92		30.26	21.71
	12/04/92		29.93	22.04
	01/22/93		22.76	29.21
	02/10/93		21.40	30.57
	03/03/93		23.08	28.89
	05/11/93		24.51	27.46
	06/17/93		25.21	26.76
	09/10/93		26.95	25.02
	12/13/93		26.52	25.45
	03/03/94		24.50	27.47
	06/06/94		26.33	25.64
	09/12/94		27.98	23.99
	12/19/94		25.63	26.34
	02/28/95		23.45	28.52
	03/24/95		21.07	30.90
	06/26/95		23.64	28.33
MW-4	03/24/95	40.51	9.16	31.35
	06/26/95		12.06	28.45

Table 2. Analytic Results for Ground Water - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California

Well ID	Date Sampled	Depth to Water (ft)	TPH-G	TPH-D	POG	parts per billion (µg/l)					
						B	E	T	X	1,2-DCA	TCE
MW-1	03/08/90	25.29	510	120 ^a	<10,000	1.5	<0.5	0.8	5.4	12	---
	06/12/90	25.85	390	100 ^a	<10,000	86	0.7	1.3	6.2	<0.4	---
	09/13/90	27.49	100	130 ^a	<10,000	56	2.4	0.75	2.8	<0.4 ^b	---
	12/18/90	27.41	480	<50 ^a	<10,000	54	3.3	1.7	3.7	5.3	---
	03/07/91	25.79	80	<50 ^a	---	266	1.2	<0.5	<1.5	6.7	---
	06/07/91	25.64	510	<50 ^a	---	130	6.1	3.8	11	7.9	---
	09/17/91	27.54	330	120 ^{ac}	---	67	3	<0.5	2.2	6	---
	12/09/91	27.81	140 ^d	80	---	<0.5	1.7	<0.5	4.7	5.4	---
	03/01/92	23.36	<50	<50	---	<0.5	<0.5	<0.5	<0.5	3	---
	06/03/92	24.64	1,500	---	---	520	72	180	230	3	---
	09/01/92	26.74	130	---	---	16	1.8	1.4	3.4	1.3 ^c	---
	12/04/92	27.14	150	---	---	360	1.8	0.7	2.1	3.3	---
	03/03/93	20.50	<50	---	---	1.5	<0.5	<0.5	<0.5	0.76	---
	06/17/93	22.42	1,600	---	---	340	120	120	440	3	---
	09/10/93	24.11	2,600	---	---	670	310	340	730	2.3	---
	12/13/93	23.73	11,000	---	---	470	380	320	2,300	6.3	---
	03/03/94	22.08	16,000	---	---	700	480	690	3,200	---	---
	06/06/94	23.10	7,500	---	---	420	200	280	1,000	3.1	---
	09/12/94	25.19	1,200	---	---	110	3.3	21	420	2.6	---
	12/19/94	23.06	4,600	---	---	470	230	330	1,300	3.7	---
02/28/95	20.90	500	---	---	59	6.8	32	68	5.0	---	
06/26/95	20.40	5,500	---	---	740	300	420	1,800	8.6	<0.4	
MW-2	02/24/92	19.61	17,000	2,700 ^c	---	6,200	550	1,600	1,900	200	---
	03/01/92	21.11	86,000	1,000 ^c	---	30,000	2,300	34,000	16,000	82	---
	06/03/92	21.58	87,000	---	---	28,000	2,000	18,000	10,000	<50	---
	09/01/92	23.46	110,000	---	---	21,000	1,900	13,000	7,800	83 ^h	---
	12/04/92	23.89	42,000	---	---	15,000	960	2,400	2,900	100	---
	03/03/93	17.28	160,000	---	---	36,000	32,000	3,800	21,000	7.7	---
	03/03/93 ^h	---	150,000	---	---	31,000	20,000	3,100	14,000	16	---

Table 2. Analytic Results for Ground Water - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California (continued)

Well ID	Date Sampled	Depth to Water (ft)	TPH-G	TPH-D	POG	parts per billion (µg/l)					
						B	E	T	X	1,2-DCA	TCE
	06/17/93	19.06	65,000	---	---	34,000	3,200	15,000	11,000	37	---
	06/17/93 ^h	19.06	62,000	---	---	28,000	2,700	14,000	10,000	36	---
	09/10/93 ^f	20.88	72,000	---	---	24,000	2,300	16,000	11,000	28.0	---
	09/10/93 ^{dupf}	20.88	71,000	---	---	23,000	2,300	15,000	10,000	27.0	---
	12/13/93	20.42	19,000	---	---	5,400	680	4,900	3,100	<0.5	---
	12/13/93 ^{dup}		17,000	---	---	6,200	720	5,500	3,500	3.4	---
	03/03/94	18.48	110,000	---	---	21,000	2000	24,000	13,000	---	---
	03/03/94 ^{dup}	18.48	93,000	---	---	19,000	1,800	22,000	12,000	---	---
	06/06/94	20.26	10,000	---	---	1,900	2,500	3,300	13,000	5.8	---
	06/06/94 ^{dup}	20.26	99,000	---	---	9,900	2,400	12,000	12,000	5.7	---
	09/12/94	21.80	160,000	---	---	22,000	3,400	33,000	23,000	<0.4	---
	09/12/94 ^{dup}	21.80	150,000	---	---	23,000	3,500	34,000	23,000	<0.4	---
	12/19/94	19.66	80,000	---	---	17,000	2,300	16,000	14,000	<0.4	---
	12/19/94 ^{dup}	19.66	100,000	---	---	28,000	3,400	26,000	20,000	<0.4	---
	02/28/95	17.51	100,000	---	---	24,000	2,300	18,000	17,000	<0.4	---
	02/28/95 ^{dup}	17.51	100,000	---	---	31,000	3,200	21,000	18,000	<0.4	---
	06/26/95	17.58	45,000	---	---	14,000	1,500	12,000	7,500	3.4	0.8
	06/26/95 ^{dup}	17.58	68,000	---	---	13,000	1,800	11,000	7,700	---	---
MW-3	02/24/92	25.60	4,500	1,300 ^c	---	97	78	<5	18	9.1	---
	03/01/92	26.00	2,200	440	---	69	<0.5	<0.5	<0.5	13	---
	06/03/92	27.70	4,100	---	---	13	44	72	65	16	---
	09/01/92	29.46	1,900	---	---	20	5.5	6.8	<5	19	---
	09/01/92 ^{dup}	29.46	1,900	---	---	21	3.4	6.6	<5	21	---
	12/04/92	29.93	2,400	---	---	8.2	<5	<5	<5	16	---
	12/04/92 ^{dup}	29.93	2,100	---	---	11	5.7	<0.5	<0.5	18	---
	03/03/93	23.08	5,100	---	---	63	75	61	150	3.3	---
	06/17/93	25.21	4,000	---	---	94	82	140	150	23	---
	09/10/93	26.95	3,200	---	---	140	12.5	12.5	12.5	20.0	---
	12/13/93	26.52	6,200	---	---	<12.5	<12.5	<12.5	<12.5	13	---

Table 2. Analytic Results for Ground Water - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California (continued)

Well ID	Date Sampled	Depth to Water (ft)	TPH-G	TPH-D	POG	parts per billion (µg/l)					
						B	E	T	X	1,2-DCA	TCE
	03/03/94	24.50	4,500	---	---	73	<5	<5	<5	---	---
	06/06/94	26.33	3,200	---	---	<0.5	3.1	<0.5	<0.5	16	---
	09/12/94	27.98	3,900	---	---	<0.5	9.6	<0.5	4.1	7.8	---
	12/19/94	25.63	2,400	---	---	21	4.2	22	2.6	25	---
	02/28/95	23.45	4,000	---	---	58	7.1	<0.5	3.5	18	---
	06/26/95	23.64	3,900	---	---	8.1	12	<0.5	2.4	15	<0.4
MW-4	03/24/95	9.16	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.4	---
	06/26/95	12.06	<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.4	<0.4
Trip	03/08/90		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
Blank	06/12/90		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	12/18/90		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	03/07/91		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	06/07/91		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	09/17/91		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	12/09/91		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	02/24/92		<50	---	---	<0.5	0.6	2.5	2.2	---	---
	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	<0.5	---
	12/04/92		<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5 ^j	---
	03/03/93		<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5	---
	06/17/93		<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5	---
	09/10/93		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	12/13/93		<50	---	---	<0.5	<0.5	<0.5	<0.5	<0.5 ^k	---
	03/03/94		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	06/06/94		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	09/12/94		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	12/19/94		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---

Table 2. Analytic Results for Ground Water - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California (continued)

Well ID	Date Sampled	Depth to Water (ft)	TPH-G	TPH-D	POG	parts per billion (µg/l)					TCE
						B	E	T	X	1,2-DCA	
	02/28/95		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	03/24/95		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
	06/26/95		<50	---	---	4.1	<0.5	3.0	1.5	---	---
Bailer	03/08/90		<50	---	---	<0.5	<0.5	<0.5	<0.5	---	---
Blank	09/01/92		<50	---	---	<0.5	<0.5	0.7	<0.5	<0.5	---
	12/04/92		60	---	---	<0.5	<0.5	<0.5	<0.5	<0.5 ^j	---
DTSC MCLs			NE	NE	NE	1	680	100 ⁱ	1,750	5.0	5.0

Abbreviations:

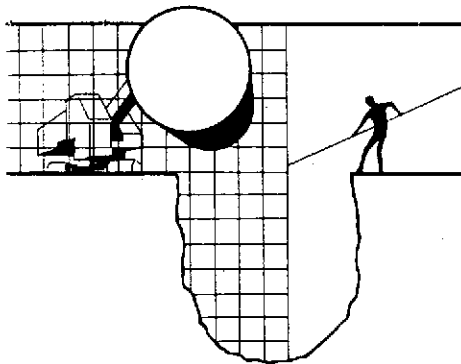
- TPH-G = Total Petroleum Hydrocarbons as Gasoline by Modified EPA Method 8015
- TPH-D = Total Petroleum Hydrocarbons as Diesel by Modified EPA Method 8015
- POG = Petroleum oil and grease by American Public Health Association Standard Method 503E or 5520F
- B = Benzene by EPA Method 8020
- E = Ethylbenzene by EPA Method 8020
- T = Toluene by EPA Method 8020
- X = Xylenes by EPA Method 8020
- 1,2-DCA = 1,2-Dichloroethane by EPA Method 601
- TCE = Trichloroethane by EPA Method 601
- = Not analyzed
- <n = Not detected above method detection limit of n ppb
- DTSC MCLs = California Department of Toxic Substances Control maximum contaminant levels for drinking water
- NE = Not established

Notes:

- a = No total petroleum hydrocarbons as motor oil detected above modified EPA Method 8015 detection limit of 500 ppb
- b = Tetrachloroethene (PCE) detected at 24 ppb by EPA Method 601; DTSC MCL for PCE = 5 ppb
- c = Result is due to hydrocarbon compounds lighter than diesel
- d = Result due to a non-gasoline hydrocarbon
- e = In the matrix spike/matrix spike duplicate of sample MW-1, the RPD for Freon 113 and 1,3-dichlorobenzene was greater than 25%
- f = The MW-2 and Dup samples each contained 1.6 ppb of methylene chloride which is within normal laboratory background levels.
- h = Sample MW-2 was diluted 1:100 for EPA Method 8010 due to the interfering hydrocarbon peaks
- j = The trip and field blank samples contained 14 and 10 mg/L 1,3-dichlorobenzene, respectively
- k = 1.4 mg/L Chloroethene detected in equipment blank, trip blank not analyzed
- l = DTSC recommended action level for drinking water; MCL not established

ATTACHMENT A

BTS GROUND WATER MONITORING REPORT



BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

July 10, 1995

Shell Oil Company
P.O. Box 4023
Concord, CA 94524

Attn: Daniel T. Kirk

SITE:
Shell WIC #204-6852-1404
1784 150th Avenue
San Leandro, California

QUARTER:
2nd quarter of 1995

QUARTERLY GROUNDWATER SAMPLING REPORT 950626-A-3

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

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

ecovered 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 National Environmental Testing, Inc. in Santa Rosa, California. NET is a California Department of Health Services certified Hazardous Materials Testing Laboratory and is listed as DOHS HMTL #178.

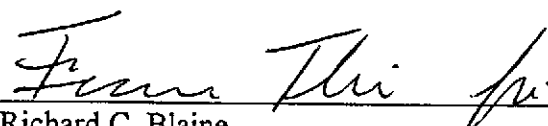
Objective Information Collection

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/p

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

cc: Weiss Associates
5500 Shellmound Street
Emeryville, CA 94608-2411
ATTN: Grady Glasser

TABLE OF WELL GAUGING DATA

WELL I.D.	DATA COLLECTION DATE	MEASUREMENT REFERENCED TO	QUALITATIVE OBSERVATIONS (sheen)	DEPTH TO FIRST IMMISCIBLES LIQUID (FPZ) (feet)	THICKNESS OF IMMISCIBLES LIQUID ZONE (feet)	VOLUME OF IMMISCIBLES REMOVED (ml)	DEPTH TO WATER (feet)	DEPTH TO WELL BOTTOM (feet)
MW-1	6/26/95	TOC	--	NONE	--	--	20.40	44.50
MW-2 *	6/26/95	TOC	--	NONE	--	--	17.58	44.35
MW-3	6/26/95	TOC	--	NONE	--	--	23.64	41.52
MW-4	6/26/95	TOC	--	NONE	--	--	12.06	25.06

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



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: 950626-A3

Date: 6/26/95

Page 7 of 1

#7352

Silo Address: 1784 150th Avenue, San Leandro

WIC#: 204-6852-1404

Shell Engineer: Dan Kirk
Phone No.: (510) 675-6188
Fax #: 675-6160

Consultant Name & Address:
Blaine Tech Services, Inc.
985 Timothy Dr., San Jose, CA 95133

Consultant Contact: Jim Keller
Phone No.: (408) 995-5535
Fax #: 293-8773

Comments:

Sampled by: *Randy Valentine*

Printed Name: RANDY VALENTINE

Analysis Required

LAB: NET

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	VOC's 8010	Asbestos	Container Size	Preparation Used	Composite Y/N
-------------------------	----------------------------	---------------------	------------------------------	-------------------	----------------------------------	------------	----------	----------------	------------------	---------------

CHECK ONE (1) BOX ONLY	CT/DI	TURN AROUND TIME
Quarterly Monitoring <input checked="" type="checkbox"/> 6441		24 hour <input type="checkbox"/>
Site Investigation <input type="checkbox"/> 6441		48 hour <input type="checkbox"/>
Soil Classfy/Dkposal <input type="checkbox"/> 6442		15 days <input checked="" type="checkbox"/> (Normal)
Water Classfy/Dkposal <input type="checkbox"/> 6443		Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/> 6462		
Water Rem. or Sys. O & M <input type="checkbox"/> 6463		
Other <input type="checkbox"/>		

NOTE: Notify lab as soon as possible of 24/48 hr. LAT.

Sample ID	Date	Sludge	Soil	Water	Air	No. of conls.	Analysis Required										MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
							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	VOC's 8010	Asbestos	Container Size	Preparation Used		
MW1	6/26			X		3/6					X	X						
MW2				X		3/6					X	X						
MW3				X		3/6					X	X						
MW4				X		3/6					X	X						
FB				X		2					X	X						
EB				X		3					X	X						
DUP				X		3/30					X	X						

6/27/95
LAB
Seal Intact

Relinquished By (signature): *Randy Valentine*

Printed Name:

Date: 6/27
Time: 9:30

Received (signature): *[Signature]*

Printed Name: ET LUMMAKE

Date: 6/27
Time: 9:30

Relinquished By (signature): *[Signature]*

Printed Name: ET LUMMAKE

Date: 6/27
Time: 16:00

Received (signature): *[Signature]*

Printed Name: PAM GREENE

Date:
Time:

Relinquished By (signature):

Printed Name:

Date:
Time:

Received (signature):

Printed Name:

Date:
Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

VIA: NCS



NATIONAL ENVIRONMENTAL TESTING, INC.

Santa Rosa Division
3636 North Laughlin Road
Suite 110
Santa Rosa, CA 95403-8226
Tel: (707) 526-7200
Fax: (707) 541-2333

Jim Keller
Blaine Tech Services
985 Timothy Dr.
San Jose, CA 95133

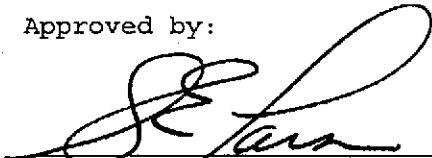
Date: 07/07/1995
NET Client Acct. No: 1821
NET Job No: 95.02513
Received: 06/28/1995

Client Reference Information

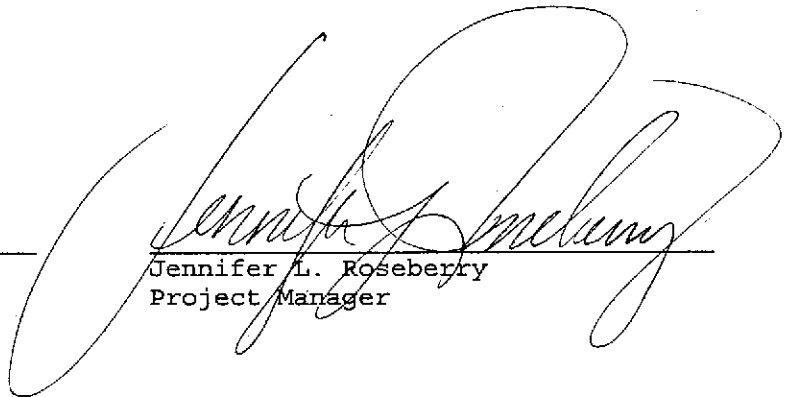
Shell 1784 150th Avenue, San Leandro, CA/950626-A3

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:



Ken Larson
Division Manager



Jennifer L. Roseberry
Project Manager

Enclosure (s)





Client Name: Blaine Tech Services

Date: 07/07/1995

Client Acct: 1821

ELAP Cert: 1386

NET Job No: 95.02513

Page: 2

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: MW1

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244851

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	50						07/03/1995	2978
Purgeable TPH	5,500		2,000	ug/L	5030/M8015		07/03/1995	2978
Carbon Range: C6 to C12	--						07/03/1995	2978
METHOD 8020 (GC, Liquid)	--						07/03/1995	2978
Benzene	740		20	ug/L	8020		07/03/1995	2978
Toluene	420		20	ug/L	8020		07/03/1995	2978
Ethylbenzene	300		20	ug/L	8020		07/03/1995	2978
Xylenes (Total)	1,800		20	ug/L	8020		07/03/1995	2978
SURROGATE RESULTS	--						07/03/1995	2978
Bromofluorobenzene (SURR)	92			µ Rec.	8020		07/03/1995	2978

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 3

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: MW1

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244851

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch
METHOD 8010 (GC,Liquid)								
DILUTION FACTOR*	1						06/29/1995	856
Bromodichloromethane	ND		0.4	ug/L	8010		06/29/1995	856
Bromoform	ND		0.4	ug/L	8010		06/29/1995	856
Bromomethane	ND		0.4	ug/L	8010		06/29/1995	856
Carbon tetrachloride	ND		0.4	ug/L	8010		06/29/1995	856
Chlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
Chloroethane	ND		0.4	ug/L	8010		06/29/1995	856
2-Chloroethylvinyl ether	ND		1.0	ug/L	8010		06/29/1995	856
Chloroform	ND		0.4	ug/L	8010		06/29/1995	856
Chloromethane	ND		0.4	ug/L	8010		06/29/1995	856
Dibromochloromethane	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
1,3-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
1,4-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
Dichlorodifluoromethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1-Dichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichloroethane	8.6		0.4	ug/L	8010		06/29/1995	856
1,1-Dichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
cis-1,2-Dichloroethene	ND		0.5	ug/L	8010		06/29/1995	856
trans-1,2-Dichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichloropropane	ND		0.4	ug/L	8010		06/29/1995	856
cis-1,3-Dichloropropene	ND		0.4	ug/L	8010		06/29/1995	856
trans-1,3-Dichloropropene	ND		0.4	ug/L	8010		06/29/1995	856
Methylene chloride	ND		10	ug/L	8010		06/29/1995	856
1,1,2,2-Tetrachloroethane	ND		0.4	ug/L	8010		06/29/1995	856
Tetrachloroethene	ND		0.4	ug/L	8010		06/29/1995	856
1,1,1-Trichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1,2-Trichloroethane	ND		1	ug/L	8010		06/29/1995	856
Trichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
Trichlorofluoromethane	ND		0.4	ug/L	8010		06/29/1995	856
Vinyl chloride	ND		0.4	ug/L	8010		06/29/1995	856
SURROGATE RESULTS	--						06/29/1995	856
1,4-Difluorobenzene (SURRE)	107			% Rec.			06/29/1995	856
1,4-Dichlorobutane (SURRE)	93			% Rec.			06/29/1995	856

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 4

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: MW2
Date Taken: 06/26/1995
Time Taken:
NET Sample No: 244852

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	200						07/03/1995	2978
Purgeable TPH	45,000		10,000	ug/L	5030/M8015		07/03/1995	2978
Carbon Range: C6 to C12	--						07/03/1995	2978
METHOD 8020 (GC, Liquid)	--						07/03/1995	2978
Benzene	14,000	FI	500	ug/L	8020		07/06/1995	2981
Toluene	12,000	FI	500	ug/L	8020		07/06/1995	2981
Ethylbenzene	1,500		100	ug/L	8020		07/03/1995	2978
Xylenes (Total)	7,500		100	ug/L	8020		07/03/1995	2978
SURROGATE RESULTS	--						07/03/1995	2978
Bromofluorobenzene (SURR)	89			% Rec.	8020		07/03/1995	2978

FI : Compound quantitated at a 1000X dilution factor.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 5

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: MW2

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244852

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 8010 (GC,Liquid)								
DILUTION FACTOR*	1						06/29/1995	856
Bromodichloromethane	ND		0.4	ug/L	8010		06/29/1995	856
Bromoform	ND		0.4	ug/L	8010		06/29/1995	856
Bromomethane	ND		0.4	ug/L	8010		06/29/1995	856
Carbon tetrachloride	ND		0.4	ug/L	8010		06/29/1995	856
Chlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
Chloroethane	ND		0.4	ug/L	8010		06/29/1995	856
2-Chloroethylvinyl ether	ND		1.0	ug/L	8010		06/29/1995	856
Chloroform	ND		0.4	ug/L	8010		06/29/1995	856
Chloromethane	ND		0.4	ug/L	8010		06/29/1995	856
Dibromochloromethane	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
1,3-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
1,4-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
Dichlorodifluoromethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1-Dichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichloroethane	3.4		0.4	ug/L	8010		06/29/1995	856
1,1-Dichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
cis-1,2-Dichloroethene	ND		0.5	ug/L	8010		06/29/1995	856
trans-1,2-Dichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichloropropane	ND		0.4	ug/L	8010		06/29/1995	856
cis-1,3-Dichloropropene	ND		0.4	ug/L	8010		06/29/1995	856
trans-1,3-Dichloropropene	ND		0.4	ug/L	8010		06/29/1995	856
Methylene chloride	ND		10	ug/L	8010		06/29/1995	856
1,1,2,2-Tetrachloroethane	ND		0.4	ug/L	8010		06/29/1995	856
Tetrachloroethene	0.8		0.4	ug/L	8010		06/29/1995	856
1,1,1-Trichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1,2-Trichloroethane	ND		1	ug/L	8010		06/29/1995	856
Trichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
Trichlorofluoromethane	ND		0.4	ug/L	8010		06/29/1995	856
Vinyl chloride	ND		0.4	ug/L	8010		06/29/1995	856
SURROGATE RESULTS	--						06/29/1995	856
1,4-Difluorobenzene (SURR)	105			% Rec.			06/29/1995	856
1,4-Dichlorobutane (SURR)	90			% Rec.			06/29/1995	856

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 6

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: MW3

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244853

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	1						07/03/1995	2978
Purgeable TPH	3,900		50	ug/L	5030/M8015		07/03/1995	2978
Carbon Range: C6 to C12	--						07/03/1995	2978
METHOD 8020 (GC, Liquid)	--						07/03/1995	2978
Benzene	8.1		0.5	ug/L	8020		07/03/1995	2978
Toluene	ND		0.5	ug/L	8020		07/03/1995	2978
Ethylbenzene	12		0.5	ug/L	8020		07/03/1995	2978
Xylenes (Total)	2.4		0.5	ug/L	8020		07/03/1995	2978
SURROGATE RESULTS	--						07/03/1995	2978
Bromofluorobenzene (SURR)	147	MI		% Rec.	8020		07/03/1995	2978

MI : Matrix Interference Suspected.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
 Client Acct: 1821
 NET Job No: 95.02513

Date: 07/07/1995
 ELAP Cert: 1386
 Page: 7

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: MW3

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244853

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 8010 (GC,Liquid)								
DILUTION FACTOR*	1						06/29/1995	856
Bromodichloromethane	ND		0.4	ug/L	8010		06/29/1995	856
Bromoform	ND		0.4	ug/L	8010		06/29/1995	856
Bromomethane	ND		0.4	ug/L	8010		06/29/1995	856
Carbon tetrachloride	ND		0.4	ug/L	8010		06/29/1995	856
Chlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
Chloroethane	ND		0.4	ug/L	8010		06/29/1995	856
2-Chloroethylvinyl ether	ND		1.0	ug/L	8010		06/29/1995	856
Chloroform	ND		0.4	ug/L	8010		06/29/1995	856
Chloromethane	ND		0.4	ug/L	8010		06/29/1995	856
Dibromochloromethane	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
1,3-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
1,4-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
Dichlorodifluoromethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1-Dichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichloroethane	15		0.4	ug/L	8010		06/29/1995	856
1,1-Dichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
cis-1,2-Dichloroethene	ND		0.5	ug/L	8010		06/29/1995	856
trans-1,2-Dichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichloropropane	ND		0.4	ug/L	8010		06/29/1995	856
cis-1,3-Dichloropropene	ND		0.4	ug/L	8010		06/29/1995	856
trans-1,3-Dichloropropene	ND		0.4	ug/L	8010		06/29/1995	856
Methylene chloride	ND		10	ug/L	8010		06/29/1995	856
1,1,2,2-Tetrachloroethane	ND		0.4	ug/L	8010		06/29/1995	856
Tetrachloroethene	ND		0.4	ug/L	8010		06/29/1995	856
1,1,1-Trichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1,2-Trichloroethane	ND		1	ug/L	8010		06/29/1995	856
Trichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
Trichlorofluoromethane	ND		0.4	ug/L	8010		06/29/1995	856
Vinyl chloride	ND		0.4	ug/L	8010		06/29/1995	856
SURROGATE RESULTS								
1,4-Difluorobenzene (SURR)	123	MI			% Rec.		06/29/1995	856
1,4-Dichlorobutane (SURR)	97				% Rec.		06/29/1995	856

MI : Matrix Interference Suspected.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 8

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: MW4

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244854

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	1						06/30/1995	2974
Purgeable TPH	ND		50	ug/L	5030/M8015		06/30/1995	2974
Carbon Range: C6 to C12	--						06/30/1995	2974
METHOD 8020 (GC, Liquid)	--						06/30/1995	2974
Benzene	ND		0.5	ug/L	8020		06/30/1995	2974
Toluene	ND		0.5	ug/L	8020		06/30/1995	2974
Ethylbenzene	ND		0.5	ug/L	8020		06/30/1995	2974
Xylenes (Total)	ND		0.5	ug/L	8020		06/30/1995	2974
SURROGATE RESULTS	--						06/30/1995	2974
Bromofluorobenzene (SURR)	95			% Rec.	8020		06/30/1995	2974

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
 Client Acct: 1821
 NET Job No: 95.02513

Date: 07/07/1995
 ELAP Cert: 1386
 Page: 9

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: MW4

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244854

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
METHOD 8010 (GC,Liquid)								
DILUTION FACTOR*	1						06/29/1995	856
Bromodichloromethane	ND		0.4	ug/L	8010		06/29/1995	856
Bromoform	ND		0.4	ug/L	8010		06/29/1995	856
Bromomethane	ND		0.4	ug/L	8010		06/29/1995	856
Carbon tetrachloride	ND		0.4	ug/L	8010		06/29/1995	856
Chlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
Chloroethane	ND		0.4	ug/L	8010		06/29/1995	856
2-Chloroethylvinyl ether	ND		1.0	ug/L	8010		06/29/1995	856
Chloroform	ND		0.4	ug/L	8010		06/29/1995	856
Chloromethane	ND		0.4	ug/L	8010		06/29/1995	856
Dibromochloromethane	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
1,3-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
1,4-Dichlorobenzene	ND		0.4	ug/L	8010		06/29/1995	856
Dichlorodifluoromethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1-Dichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1-Dichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
cis-1,2-Dichloroethene	ND		0.5	ug/L	8010		06/29/1995	856
trans-1,2-Dichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
1,2-Dichloropropane	ND		0.4	ug/L	8010		06/29/1995	856
cis-1,3-Dichloropropene	ND		0.4	ug/L	8010		06/29/1995	856
trans-1,3-Dichloropropene	ND		0.4	ug/L	8010		06/29/1995	856
Methylene chloride	ND		10	ug/L	8010		06/29/1995	856
1,1,2,2-Tetrachloroethane	ND		0.4	ug/L	8010		06/29/1995	856
Tetrachloroethene	ND		0.4	ug/L	8010		06/29/1995	856
1,1,1-Trichloroethane	ND		0.4	ug/L	8010		06/29/1995	856
1,1,2-Trichloroethane	ND		1	ug/L	8010		06/29/1995	856
Trichloroethene	ND		0.4	ug/L	8010		06/29/1995	856
Trichlorofluoromethane	ND		0.4	ug/L	8010		06/29/1995	856
Vinyl chloride	ND		0.4	ug/L	8010		06/29/1995	856
SURROGATE RESULTS	--						06/29/1995	856
1,4-Difluorobenzene (SURR)	95				% Rec.		06/29/1995	856
1,4-Dichlorobutane (SURR)	98				% Rec.		06/29/1995	856

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Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 10

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: TB
Date Taken: 06/26/1995
Time Taken:
NET Sample No: 244855

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	1						06/30/1995	2974
Purgeable TPH	ND		50	ug/L	5030/M8015		06/30/1995	2974
Carbon Range: C6 to C12	--						06/30/1995	2974
METHOD 8020 (GC, Liquid)	--						06/30/1995	2974
Benzene	4.1	C	0.5	ug/L	8020		06/30/1995	2974
Toluene	3.0	C	0.5	ug/L	8020		06/30/1995	2974
Ethylbenzene	ND		0.5	ug/L	8020		06/30/1995	2974
Xylenes (Total)	1.5	C	0.5	ug/L	8020		06/30/1995	2974
SURROGATE RESULTS	--						06/30/1995	2974
Bromofluorobenzene (SURR)	98			% Rec.	8020		06/30/1995	2974

C : Positive result confirmed by secondary column or GC/MS analysis.

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Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 11

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: EB

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244856

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	1						06/30/1995	2974
Purgeable TPH	ND		50	ug/L	5030/M8015		06/30/1995	2974
Carbon Range: C6 to C12	--						06/30/1995	2974
METHOD 8020 (GC, Liquid)	--						06/30/1995	2974
Benzene	ND		0.5	ug/L	8020		06/30/1995	2974
Toluene	ND		0.5	ug/L	8020		06/30/1995	2974
Ethylbenzene	ND		0.5	ug/L	8020		06/30/1995	2974
Xylenes (Total)	ND		0.5	ug/L	8020		06/30/1995	2974
SURROGATE RESULTS	--						06/30/1995	2974
Bromofluorobenzene (SURR)	94			% Rec.	8020		06/30/1995	2974

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 12

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

SAMPLE DESCRIPTION: DUP

Date Taken: 06/26/1995

Time Taken:

NET Sample No: 244857

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 5030/8015-M (Shell)								
DILUTION FACTOR*	100						06/30/1995	2974
Purgeable TPH	68,000		5,000	ug/L	5030/M8015		06/30/1995	2974
Carbon Range: C6 to C12	--						06/30/1995	2974
METHOD 8020 (GC, Liquid)	--						06/30/1995	2974
Benzene	13,000	FI	500	ug/L	8020		07/03/1995	2978
Toluene	11,000	FI	500	ug/L	8020		07/03/1995	2978
Ethylbenzene	1,800		50	ug/L	8020		06/30/1995	2974
Xylenes (Total)	7,700		50	ug/L	8020		06/30/1995	2974
SURROGATE RESULTS	--						06/30/1995	2974
Bromofluorobenzene (SURRE)	98			% Rec.	8020		06/30/1995	2974

FI : Compound quantitated at a 1000X dilution factor.

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Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 13

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV Standard % Recovery	CCV Standard Amount Found	CCV Standard Amount Expected	Units	Date Analyzed	Analyst Initials	Run Batch Number
METHOD 5030/8015-M (Shell)							
Purgeable TPH	108.0	0.54	0.50	mg/L	06/30/1995	aal	2974
Benzene	100.4	5.02	5.00	ug/L	06/30/1995	aal	2974
Toluene	95.8	4.79	5.00	ug/L	06/30/1995	aal	2974
Ethylbenzene	108.4	5.42	5.00	ug/L	06/30/1995	aal	2974
Xylenes (Total)	104.0	15.6	15.0	ug/L	06/30/1995	aal	2974
Bromofluorobenzene (SURR)	102.0	102	100	% Rec.	06/30/1995	aal	2974
METHOD 5030/8015-M (Shell)							
Purgeable TPH	104.0	0.52	0.50	mg/L	07/03/1995	aal	2978
Benzene	84.6	4.23	5.00	ug/L	07/03/1995	aal	2978
Toluene	88.0	4.40	5.00	ug/L	07/03/1995	aal	2978
Ethylbenzene	90.6	4.53	5.00	ug/L	07/03/1995	aal	2978
Xylenes (Total)	90.7	13.6	15.0	ug/L	07/03/1995	aal	2978
Bromofluorobenzene (SURR)	92.0	92	100	% Rec.	07/03/1995	aal	2978
METHOD 5030/8015-M (Shell)							
Purgeable TPH	112.0	0.56	0.50	mg/L	07/05/1995	lss	2981
Benzene	91.2	4.56	5.00	ug/L	07/05/1995	lss	2981
Toluene	96.0	4.80	5.00	ug/L	07/05/1995	lss	2981
Ethylbenzene	99.8	4.99	5.00	ug/L	07/05/1995	lss	2981
Xylenes (Total)	99.3	14.9	15.0	ug/L	07/05/1995	lss	2981
Bromofluorobenzene (SURR)	92.0	92	100	% Rec.	07/05/1995	lss	2981

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Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 14

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected				
METHOD 8010 (GC,Liquid)							
Bromodichloromethane	103.0	20.6	20.0	ug/L	06/29/1995	ltg	856
Bromoform	103.0	20.6	20.0	ug/L	06/29/1995	ltg	856
Bromomethane	111.0	22.2	20.0	ug/L	06/29/1995	ltg	856
Carbon tetrachloride	102.5	20.5	20.0	ug/L	06/29/1995	ltg	856
Chlorobenzene	104.0	20.8	20.0	ug/L	06/29/1995	ltg	856
Chloroethane	103.5	20.7	20.0	ug/L	06/29/1995	ltg	856
2-Chloroethylvinyl ether	93.0	18.6	20.0	ug/L	06/29/1995	ltg	856
Chloroform	99.5	19.9	20.0	ug/L	06/29/1995	ltg	856
Chloromethane	108.5	21.7	20.0	ug/L	06/29/1995	ltg	856
Dibromochloromethane	101.0	20.2	20.0	ug/L	06/29/1995	ltg	856
1,2-Dichlorobenzene	98.5	19.7	20.0	ug/L	06/29/1995	ltg	856
1,3-Dichlorobenzene	104.5	20.9	20.0	ug/L	06/29/1995	ltg	856
1,4-Dichlorobenzene	100.0	20.0	20.0	ug/L	06/29/1995	ltg	856
Dichlorodifluoromethane	94.0	18.8	20.0	ug/L	06/29/1995	ltg	856
1,1-Dichloroethane	105.5	21.1	20.0	ug/L	06/29/1995	ltg	856
1,2-Dichloroethane	99.5	19.9	20.0	ug/L	06/29/1995	ltg	856
1,1-Dichloroethene	101.0	20.2	20.0	ug/L	06/29/1995	ltg	856
cis-1,2-Dichloroethene	103.0	20.6	20.0	ug/L	06/29/1995	ltg	856
trans-1,2-Dichloroethene	105.5	21.1	20.0	ug/L	06/29/1995	ltg	856
1,2-Dichloropropane	101.5	20.3	20.0	ug/L	06/29/1995	ltg	856
cis-1,3-Dichloropropene	101.5	20.3	20.0	ug/L	06/29/1995	ltg	856
trans-1,3-Dichloropropene	102.0	20.4	20.0	ug/L	06/29/1995	ltg	856
Methylene chloride	104.0	20.8	20.0	ug/L	06/29/1995	ltg	856
1,1,2,2-Tetrachloroethane	107.5	21.5	20.0	ug/L	06/29/1995	ltg	856
Tetrachloroethene	104.0	20.8	20.0	ug/L	06/29/1995	ltg	856
1,1,1-Trichloroethane	97.5	19.5	20.0	ug/L	06/29/1995	ltg	856
1,1,2-Trichloroethane	100.0	20.0	20.0	ug/L	06/29/1995	ltg	856
Trichloroethene	99.0	19.8	20.0	ug/L	06/29/1995	ltg	856
Trichlorofluoromethane	98.5	19.7	20.0	ug/L	06/29/1995	ltg	856
Vinyl chloride	93.5	18.7	20.0	ug/L	06/29/1995	ltg	856
1,4-Difluorobenzene (SURR)	101.0	101	100	% Rec.	06/29/1995	ltg	856
1,4-Dichlorobutane (SURR)	96.0	96	100	% Rec.	06/29/1995	ltg	856

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Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 15

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected				
METHOD 8010 (GC,Liquid)							
Bromodichloromethane	98.5	19.7	20.0	ug/L	06/30/1995	ltg	856
Bromoform	98.0	19.6	20.0	ug/L	06/30/1995	ltg	856
Bromomethane	98.5	19.7	20.0	ug/L	06/30/1995	ltg	856
Carbon tetrachloride	99.5	19.9	20.0	ug/L	06/30/1995	ltg	856
Chlorobenzene	96.0	19.2	20.0	ug/L	06/30/1995	ltg	856
Chloroethane	93.5	18.7	20.0	ug/L	06/30/1995	ltg	856
2-Chloroethylvinyl ether	64.0	12.8	20.0	ug/L	06/30/1995	ltg	856
Chloroform	96.5	19.3	20.0	ug/L	06/30/1995	ltg	856
Chloromethane	104.5	20.9	20.0	ug/L	06/30/1995	ltg	856
Dibromochloromethane	96.0	19.2	20.0	ug/L	06/30/1995	ltg	856
1,2-Dichlorobenzene	91.0	18.2	20.0	ug/L	06/30/1995	ltg	856
1,3-Dichlorobenzene	95.5	19.1	20.0	ug/L	06/30/1995	ltg	856
1,4-Dichlorobenzene	94.0	18.8	20.0	ug/L	06/30/1995	ltg	856
Dichlorodifluoromethane	84.5	16.9	20.0	ug/L	06/30/1995	ltg	856
1,1-Dichloroethane	102.0	20.4	20.0	ug/L	06/30/1995	ltg	856
1,2-Dichloroethane	96.0	19.2	20.0	ug/L	06/30/1995	ltg	856
1,1-Dichloroethene	94.0	18.8	20.0	ug/L	06/30/1995	ltg	856
cis-1,2-Dichloroethene	98.0	19.6	20.0	ug/L	06/30/1995	ltg	856
trans-1,2-Dichloroethene	100.5	20.1	20.0	ug/L	06/30/1995	ltg	856
1,2-Dichloropropane	96.5	19.3	20.0	ug/L	06/30/1995	ltg	856
cis-1,3-Dichloropropene	96.5	19.3	20.0	ug/L	06/30/1995	ltg	856
trans-1,3-Dichloropropene	97.0	19.4	20.0	ug/L	06/30/1995	ltg	856
Methylene chloride	99.0	19.8	20.0	ug/L	06/30/1995	ltg	856
1,1,2,2-Tetrachloroethane	100.5	20.1	20.0	ug/L	06/30/1995	ltg	856
Tetrachloroethene	96.5	19.3	20.0	ug/L	06/30/1995	ltg	856
1,1,1-Trichloroethane	98.0	19.6	20.0	ug/L	06/30/1995	ltg	856
1,1,2-Trichloroethane	94.0	18.8	20.0	ug/L	06/30/1995	ltg	856
Trichloroethene	95.5	19.1	20.0	ug/L	06/30/1995	ltg	856
Trichlorofluoromethane	91.5	18.3	20.0	ug/L	06/30/1995	ltg	856
Vinyl chloride	89.5	17.9	20.0	ug/L	06/30/1995	ltg	856
1,4-Difluorobenzene (SURR)	96.0	96	100	% Rec.	06/30/1995	ltg	856
1,4-Dichlorobutane (SURR)	91.0	91	100	% Rec.	06/30/1995	ltg	856

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Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 16

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

METHOD BLANK REPORT

Parameter	Method			Date Analyzed	Analyst Initials	Run Batch Number
	Blank Amount Found	Reporting Limit	Units			
METHOD 5030/8015-M (Shell)						
Purgeable TPH	ND	0.05	mg/L	06/30/1995	aal	2974
Benzene	ND	0.5	ug/L	06/30/1995	aal	2974
Toluene	ND	0.5	ug/L	06/30/1995	aal	2974
Ethylbenzene	ND	0.5	ug/L	06/30/1995	aal	2974
Xylenes (Total)	ND	0.5	ug/L	06/30/1995	aal	2974
Bromofluorobenzene (SURR)	100		% Rec.	06/30/1995	aal	2974
METHOD 5030/8015-M (Shell)						
Purgeable TPH	ND	0.05	mg/L	07/03/1995	aal	2978
Benzene	ND	0.5	ug/L	07/03/1995	aal	2978
Toluene	ND	0.5	ug/L	07/03/1995	aal	2978
Ethylbenzene	ND	0.5	ug/L	07/03/1995	aal	2978
Xylenes (Total)	ND	0.5	ug/L	07/03/1995	aal	2978
Bromofluorobenzene (SURR)	92		% Rec.	07/03/1995	aal	2978
METHOD 5030/8015-M (Shell)						
Purgeable TPH	ND	0.05	mg/L	07/05/1995	lss	2981
Benzene	ND	0.5	ug/L	07/05/1995	lss	2981
Toluene	ND	0.5	ug/L	07/05/1995	lss	2981
Ethylbenzene	ND	0.5	ug/L	07/05/1995	lss	2981
Xylenes (Total)	ND	0.5	ug/L	07/05/1995	lss	2981
Bromofluorobenzene (SURR)	90		% Rec.	07/05/1995	lss	2981

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 17

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

METHOD BLANK REPORT

Parameter	Method			Date Analyzed	Analyst Initials	Run Batch Number
	Blank Amount Found	Reporting Limit	Units			
METHOD 8010 (GC,Liquid)						
Bromodichloromethane	ND	0.4	ug/L	06/29/1995	ltg	856
Bromoform	ND	0.4	ug/L	06/29/1995	ltg	856
Bromomethane	ND	0.4	ug/L	06/29/1995	ltg	856
Carbon tetrachloride	ND	0.4	ug/L	06/29/1995	ltg	856
Chlorobenzene	ND	0.4	ug/L	06/29/1995	ltg	856
Chloroethane	ND	0.4	ug/L	06/29/1995	ltg	856
2-Chloroethylvinyl ether	ND	1.0	ug/L	06/29/1995	ltg	856
Chloroform	ND	0.4	ug/L	06/29/1995	ltg	856
Chloromethane	ND	0.4	ug/L	06/29/1995	ltg	856
Dibromochloromethane	ND	0.4	ug/L	06/29/1995	ltg	856
1,2-Dichlorobenzene	ND	0.4	ug/L	06/29/1995	ltg	856
1,3-Dichlorobenzene	ND	0.4	ug/L	06/29/1995	ltg	856
1,4-Dichlorobenzene	ND	0.4	ug/L	06/29/1995	ltg	856
Dichlorodifluoromethane	ND	0.4	ug/L	06/29/1995	ltg	856
1,1-Dichloroethane	ND	0.4	ug/L	06/29/1995	ltg	856
1,2-Dichloroethane	ND	0.4	ug/L	06/29/1995	ltg	856
1,1-Dichloroethene	ND	0.4	ug/L	06/29/1995	ltg	856
cis-1,2-Dichloroethene	ND	0.4	ug/L	06/29/1995	ltg	856
trans-1,2-Dichloroethene	ND	0.4	ug/L	06/29/1995	ltg	856
1,2-Dichloropropane	ND	0.4	ug/L	06/29/1995	ltg	856
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/29/1995	ltg	856
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/29/1995	ltg	856
Methylene chloride	ND	10	ug/L	06/29/1995	ltg	856
1,1,2,2-Tetrachloroethane	ND	0.4	ug/L	06/29/1995	ltg	856
Tetrachloroethene	ND	0.4	ug/L	06/29/1995	ltg	856
1,1,1-Trichloroethane	ND	0.4	ug/L	06/29/1995	ltg	856
1,1,2-Trichloroethane	ND	0.4	ug/L	06/29/1995	ltg	856
Trichloroethene	ND	0.4	ug/L	06/29/1995	ltg	856
Trichlorofluoromethane	ND	0.4	ug/L	06/29/1995	ltg	856
Vinyl chloride	ND	0.4	ug/L	06/29/1995	ltg	856
1,4-Difluorobenzene (SURR)	103		% Rec.	06/29/1995	ltg	856
1,4-Dichlorobutane (SURR)	87		% Rec.	06/29/1995	ltg	856

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services

Date: 07/07/1995

Client Acct: 1821

ELAP Cert: 1386

NET Job No: 95.02513

Page: 18

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

METHOD BLANK REPORT

Parameter	Method	Reporting	Units	Date	Analyst	Run
	Blank					
	Amount	Limit		Analyzed	Initials	Number
	Found					
METHOD 8010 (GC,Liquid)						
Bromodichloromethane	ND	0.4	ug/L	06/30/1995	ltg	856
Bromoform	ND	0.4	ug/L	06/30/1995	ltg	856
Bromomethane	ND	0.4	ug/L	06/30/1995	ltg	856
Carbon tetrachloride	ND	0.4	ug/L	06/30/1995	ltg	856
Chlorobenzene	ND	0.4	ug/L	06/30/1995	ltg	856
Chloroethane	ND	0.4	ug/L	06/30/1995	ltg	856
2-Chloroethylvinyl ether	ND	1.0	ug/L	06/30/1995	ltg	856
Chloroform	ND	0.4	ug/L	06/30/1995	ltg	856
Chloromethane	ND	0.4	ug/L	06/30/1995	ltg	856
Dibromochloromethane	ND	0.4	ug/L	06/30/1995	ltg	856
1,2-Dichlorobenzene	ND	0.4	ug/L	06/30/1995	ltg	856
1,3-Dichlorobenzene	ND	0.4	ug/L	06/30/1995	ltg	856
1,4-Dichlorobenzene	ND	0.4	ug/L	06/30/1995	ltg	856
Dichlorodifluoromethane	ND	0.4	ug/L	06/30/1995	ltg	856
1,1-Dichloroethane	ND	0.4	ug/L	06/30/1995	ltg	856
1,2-Dichloroethane	ND	0.4	ug/L	06/30/1995	ltg	856
1,1-Dichloroethene	ND	0.4	ug/L	06/30/1995	ltg	856
cis-1,2-Dichloroethene	ND	0.4	ug/L	06/30/1995	ltg	856
trans-1,2-Dichloroethene	ND	0.4	ug/L	06/30/1995	ltg	856
1,2-Dichloropropane	ND	0.4	ug/L	06/30/1995	ltg	856
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/30/1995	ltg	856
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/30/1995	ltg	856
Methylene chloride	ND	10	ug/L	06/30/1995	ltg	856
1,1,2,2-Tetrachloroethane	ND	0.4	ug/L	06/30/1995	ltg	856
Tetrachloroethene	ND	0.4	ug/L	06/30/1995	ltg	856
1,1,1-Trichloroethane	ND	0.4	ug/L	06/30/1995	ltg	856
1,1,2-Trichloroethane	ND	0.4	ug/L	06/30/1995	ltg	856
Trichloroethene	ND	0.4	ug/L	06/30/1995	ltg	856
Trichlorofluoromethane	ND	0.4	ug/L	06/30/1995	ltg	856
Vinyl chloride	ND	0.4	ug/L	06/30/1995	ltg	856
1,4-Difluorobenzene (SURR)	101		µ Rec.	06/30/1995	ltg	856
1,4-Dichlorobutane (SURR)	91		µ Rec.	06/30/1995	ltg	856

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
 Client Acct: 1821
 NET Job No: 95.02513

Date: 07/07/1995
 ELAP Cert: 1386
 Page: 19

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Sample Conc.	Matrix Spike			Date Analyzed	Run Batch	Sample Spiked
	Spike % Rec.	Dup % Rec.	RPD	Spike Amount		Spike Conc.	Dup. Conc.	Units			
METHOD 5030/8015-M (Shell)											
Purgeable TPH	104.0	102.0	1.9	0.5	ND	0.52	0.51	mg/L	06/30/1995	2974	244845
Benzene	97.5	95.1	2.5	8.1	ND	7.9	7.7	ug/L	06/30/1995	2974	244845
Toluene	95.2	92.9	2.4	29.4	ND	28.0	27.3	ug/L	06/30/1995	2974	244845
METHOD 5030/8015-M (Shell)											
Purgeable TPH	40.0	60.0	40.0	0.5	3.9	4.1	4.2	mg/L	07/03/1995	2978	244853
Benzene	58.2	68.7	16.5	6.7	8.1	12.0	12.7	ug/L	07/03/1995	2978	244853
Toluene	94.8	94.5	0.3	29.1	ND	27.6	27.5	ug/L	07/03/1995	2978	244853
METHOD 5030/8015-M (Shell)											
Purgeable TPH	82.0	90.0	9.3	0.50	ND	0.41	0.45	mg/L	07/05/1995	2981	244930
Benzene	88.9	92.1	3.5	6.3	ND	5.6	5.8	ug/L	07/05/1995	2981	244930
Toluene	96.8	101.4	4.5	28.2	ND	27.3	28.6	ug/L	07/05/1995	2981	244930

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Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.02513

Date: 07/07/1995
ELAP Cert: 1386
Page: 20

Ref: Shell 1784 150th Avenue, San Leandro, CA/950626-A3

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Sample Conc.	Matrix Spike Dup.			Date Analyzed	Run Batch	Sample Spiked
	Spike % Rec.	Dup % Rec.	RPD	Spike Amount		Matrix Spike Conc.	Matrix Spike Dup. Conc.	Units			
METHOD 8010 (GC,Liquid)											244917
Chlorobenzene	104.0	107.0	2.8	20.0	ND	20.8	21.4	ug/L	06/30/1995	856	244917
1,1-Dichloroethene	106.0	103.5	2.4	20.0	ND	21.2	20.7	ug/L	06/30/1995	856	244917
Trichloroethene	99.0	103.5	4.3	20.0	ND	19.8	20.7	ug/L	06/30/1995	856	244917

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KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- * : Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
- ICVS : Initial Calibration Verification Standard (External Standard).
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference, $100 \frac{(\text{Value 1} - \text{Value 2})}{\text{mean value}}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

COOLER RECEIPT FORM

Project: 950626-A3 Log No: 7352
Cooler received on: 6/28/95 and checked on 6/28/95 by Erin G. Gledhill
Erin G. Gledhill
(signature)

- Were custody papers present?..... YES NO
- Were custody papers properly filled out?..... YES NO
- Were the custody papers signed?..... YES NO
- Was sufficient ice used?..... YES NO Temp 1.0°
- Did all bottles arrive in good condition (unbroken)?..... YES NO
- Did bottle labels match COC?..... YES NO
- Were proper bottles used for analysis indicated?..... YES NO
- Correct preservatives used?..... YES NO
- VOA vials checked for headspace bubbles?..... YES NO

Note which voas (if any) had bubbles:*

Sample descriptor:

Number of vials:

MD-3
TB
QB

1 of 4
2 of 2
2 of 3

*All VOAs with headspace bubbles have been set aside so they will not be used for analysis..... YES NO

List here all other jobs received in the same cooler:

Client Job #

NET log #

(coolerrec)