

March 12, 1996

**Mr. R. Jeff Granberry**  
*Shell Oil Products Company*  
P.O. Box 4023  
Concord, California 94524

**RE: Quarterly Monitoring Report - First Quarter 1996**  
Former Shell Service Station  
15275 Washington Avenue  
San Leandro, California  
WIC #204-6852-1008

Dear Mr. Granberry:

This Quarterly Monitoring Report describes the recently completed activities associated with groundwater monitoring and sampling at the referenced site (Plates 1 and 2). This report was prepared to meet quarterly reporting guidelines issued by the Regional Water Quality Control Board, San Francisco Bay Region and the Alameda County Health Care Services Agency (ACHCSA).

### **Quarterly Monitoring & Sampling Summary**

Groundwater monitoring and sampling for the first quarter of 1996 are summarized below:

- **Blaine Tech Services Inc. (Blaine Tech) of San Jose, measured groundwater levels from Wells S-1, S-3, S-5 through S-18, and SR-1 on January 11, 1996.** Groundwater samples were collected from Wells S-1, S-3, S-5, S-7 through S-10, S-12, S-15, S-16, S-18, and SR-1. The samples were transported to National Environmental Testing, Inc. (NET) of Santa Rosa, California for chemical analysis.
- Groundwater level measurement data were evaluated and used to prepare a groundwater contour map (Plate 2). Groundwater flow is primarily to the southwest. The hydraulic gradient is approximately 0.004.
- Analysis of groundwater samples indicated that TPH-G was present at levels ranging from ND to 41,000 ppb. Benzene concentrations ranged from ND to 1,100 ppb. A benzene concentration map is presented on Plate 2.

### First Quarter Sampling

Monitoring Wells S-1, S-3, S-5, S-7 through S-10, S-12, S-15, S-16, S-18, and SR-1 were sampled and analyzed for Total Petroleum Hydrocarbons calculated as Gasoline (TPH-G) according to EPA Method 8015 (Modified), and benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl-tert-butyl ether (MTBE) according to EPA Method 8020. Additionally, a duplicate sample and an equipment blank were prepared and analyzed for quality control purposes.

Field monitoring data and chemical analytical data are summarized in Table 1. The Blaine Tech quarterly groundwater monitoring report is presented in Appendix A.

A Corrective Action Plan (CAP) for this site was submitted April 17, 1995. An addendum to this CAP was issued on November 29, 1995. A meeting was held on February 22, 1996 among representatives of the RWQCB, ACHCSA, Shell, and Enviro. It was agreed during this meeting that sampling reductions as recommended in the CAP may be implemented. It was further agreed that Shell would perform a Risk Based Corrective Action evaluation to determine appropriate action for the site.

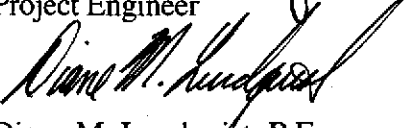
Quarterly monitoring, sampling, and reporting will continue on the revised sampling schedule for the next quarter.

If you have any questions regarding the contents of this document, please call.

Sincerely,

Enviros, Inc.

  
Matthew E. Donohue  
Project Engineer

  
Diane M. Lundquist, P.E.  
Senior Engineer  
C46725



Attachments

Table 1. Well Concentrations

Plate 1. Vicinity Map

Plate 2. Groundwater Contour/Benzene Concentration Map

Appendix A

Blaine Tech Services Inc. - Quarterly Groundwater Sampling Report  
Chain-of-Custody Document  
NET Chemical Analytical Report

cc: Mr. Scott Seery, Alameda County Health Care Services, Environmental Protection  
Division  
Mr. Mike Bakaldin, San Leandro Fire Department

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
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S-1	Top casing elevation (ft):		21.55							
08-Jul-85	NA	NA	0.00	520	NA	NA	NA	NA	NA	Well inaccessible
06-Sep-88	NA	NA	0.00	<50	<0.5	<1	<1	<0.3	NA	
16-Nov-88	NA	NA	0.00	<50	<0.5	<1	<1	<0.3	NA	
27-Feb-89	NA	NA	0.00	<50	0.5	<1	<1	<0.3	NA	
04-May-89	NA	NA	0.00	<50	1	<1	<1	<0.3	NA	
10-Aug-89	7.93	13.62	0.00	<50	0.7	<1	<1	<0.3	NA	
10-Oct-89	8.09	13.46	0.00	<50	<0.5	<1	<1	<0.3	NA	
25-Jan-90	7.73	13.82	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
18-Apr-90	7.91	13.64	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
23-Jul-90	7.72	13.83	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
18-Oct-90	8.55	13.00	0.00	80	5	<0.5	<0.5	3	NA	
28-Jan-91	8.52	13.03	0.00	<50	4.5	<0.5	<0.5	2	NA	
25-Apr-91	7.18	14.37	0.00	80*	3.7	<0.5	0.7	2	NA	
09-Jul-91	8.22	13.33	0.00	200	16	<0.5	1.3	5.8	NA	
08-Oct-91	8.70	12.85	0.00	<50	2.3	<0.5	<0.5	<0.5	NA	
05-Feb-92	8.14	13.41	0.00	160	8.9	<0.5	2.1	6	NA	
28-Apr-92	7.52	14.03	0.00	<50	2.4	<0.5	<0.5	0.9	NA	
27-Jul-92	8.28	13.27	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	8.74	12.81	0.00	57	3	1.6	1.4	1.7	NA	
14-Jan-93	5.91	15.64	0.00	490	53	1.2	20	33	NA	
16-Apr-93	6.66	14.89	0.00	240	20	<0.5	15	240	NA	
23-Jul-93	7.53	14.02	0.00	<50	0.5	<0.5	<0.5	<0.5	NA	
27-Oct-93	8.20	13.35	0.00	60	5.9	<0.5	2.5	1.7	NA	
27-Jan-94	7.26	14.29	0.00	<50	2.1	<0.5	<0.5	0.63	NA	
	New top casing elevation (ft):		21.27							
05-May-94	7.38	13.89	0.00	57	3.9	<0.5	1.9	1.9	NA	
26-Jul-94	7.86	13.41	0.00	<50	2.2	<0.3	<0.3	<0.6	NA	
28-Oct-94	7.86	13.41	0.00	<50	0.8	<0.3	<0.3	0.8	NA	
02-Jan-95	6.85	14.42	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	

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Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
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28-Jul-95	6.79	14.48	0.00	60	2.2	<0.5	1.3	1.2	NA	
17-Oct-95	7.04	14.23	0.00	60	2.6	<0.5	1.2	1.3	NA	
11-Jan-96	6.40	14.87	0.00	<50a	2	<0.5	<0.5	<0.5	<2	

<b>S-3</b>	<b>Top casing elevation (ft):</b>		<b>21.14</b>							
06-Sep-88	NA	NA	0.00	96000	3400	9500	2700	17000	NA	
16-Nov-88	NA	NA	0.00	70000	4600	8400	2500	13000	NA	
27-Feb-89	NA	NA	0.00	32000	2400	3100	1500	6400	NA	
04-May-89	NA	NA	0.00	47000	4400	300	2400	15000	NA	
10-Aug-89	7.92	13.22	0.00	110000	5700	5700	3200	19000	NA	
10-Oct-89	8.00	13.14	0.00	52000	4600	3300	2600	15000	NA	
25-Jan-90	7.54	13.60	0.00	420000	5200	4100	6700	34000	NA	
18-Apr-90	7.74	13.40	0.00	58000	3800	1400	2400	12000	NA	
23-Jul-90	7.55	13.59	0.00	49000	3400	1800	2300	12000	NA	
18-Oct-90	8.47	12.67	0.00	44000	3500	650	2400	11000	NA	
28-Jan-91	8.38	12.76	0.00	64000	40900	570	1940	8090	NA	
25-Apr-91	6.91	14.23	0.00	120000	3900	3600	2400	8900	NA	
09-Jul-91	8.07	13.07	0.00	50000	3600	2300	1800	10000	NA	
08-Oct-91	8.61	12.53	0.00	130000	3600	1000	2800	8400	NA	
05-Feb-92	7.80	13.34	0.00	150000	2500	670	2700	10000	NA	
28-Apr-92	7.27	13.87	0.00	120000	2200	1200	2000	5800	NA	
27-Jul-92	8.10	13.04	0.00	190000	1400	<1250	<1250	3400	NA	
26-Oct-92	8.62	12.52	0.00	950000	2000	8400	16000	36000	NA	
14-Jan-93	5.16	15.98	0.00	41000	2700	2500	1800	6900	NA	
16-Apr-93	7.18	13.96	0.00	40000	930	2800	1900	14000	NA	
23-Jul-93	7.34	13.80	0.00	87000	1600	<5	1300	4000	NA	
27-Oct-93	8.03	13.11	0.00	36000	2200	<500	1500	3200	NA	
27-Jan-94	6.79	14.35	0.00	190000	3200	3100	4100	15000	NA	
	<b>New top casing elevation (ft):</b>		<b>20.48</b>							
05-May-94	6.75	13.73	0.00	36000	1100	490	1600	4700	NA	

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Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
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26-Jul-94	7.30	13.18	0.00	18000	1039	170.5	845.4	967.5	NA	
28-Oct-94	8.36	12.12	0.00	25869	467.9	294	546.2	343.3	NA	
02-Jan-95	6.36	14.12	0.00	23000	850	260	900	2100	NA	
14-Apr-95	5.87	14.61	0.00	33000	720	670	1600	6600	NA	
28-Jul-95	6.33	14.15	0.00	12000	540	<10	580	780	NA	
17-Oct-95	6.48	14.00	0.00	NS	NS	NS	NS	NS	NA	Well Inaccessible
11-Jan-96	5.80	14.68	0.00	16000a	520	290	740	2600	<200	

S-5	Top casing elevation (ft):		21.41							
08-Jan-87	NA	NA	0.00	7800	380	510	NA	1000	NA	
06-Sep-88	NA	NA	0.00	7000	2600	60	400	700	NA	
16-Nov-88	NA	NA	0.00	3000	660	60	120	220	NA	
27-Feb-89	NA	NA	0.00	5700	2000	220	260	320	NA	
04-May-89	NA	NA	0.00	9000	3000	600	630	1700	NA	
10-Aug-89	NA	NA	0.00	5100	1100	<50	270	400	NA	
10-Oct-89	8.32	13.09	0.00	15000	3300	160	830	2200	NA	
25-Jan-90	8.20	13.21	0.00	12000	2400	360	570	1400	NA	
18-Apr-90	8.32	13.09	0.00	5200	1100	40	300	460	NA	
23-Jul-90	8.03	13.38	0.00	5500	1300	140	320	730	NA	
18-Oct-90	9.03	12.38	0.00	12000	3200	40	720	900	NA	
28-Jan-91	8.80	12.61	0.00	2550	410	15	110	60	NA	
25-Apr-91	7.40	14.01	0.00	67000	5100	3100	2800	11000	NA	
09-Jul-91	8.52	12.89	0.00	4900	480	36	360	1000	NA	
08-Oct-91	9.00	12.41	0.00	6600	370	7	190	380	NA	
05-Feb-92	8.11	13.30	0.00	44000	4800	850	2700	8400	NA	
28-Apr-92	7.70	13.71	0.00	33000	1400	320	1600	5200	NA	
27-Jul-92	8.52	12.89	0.00	20000	2400	<25	1800	2300	NA	
26-Oct-92	9.02	12.39	0.00	21000	1600	140	1500	2800	NA	
14-Jan-93	5.22	16.19	0.00	54000	1900	1000	2700	16000	NA	
16-Apr-93	7.04	14.37	0.00	42000	2000	1300	4300	18000	NA	

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23-Jul-93	7.75	13.66	0.00	46000	2500	2200	3400	11000	NA	
27-Oct-93	8.49	12.92	0.00	6500	990	31	1100	1000	NA	
27-Jan-94	7.04	14.37	0.00	34000	1800	580	2900	9700	NA	
	<b>New top casing elevation (ft):</b>			<b>21.03</b>						
05-May-94	7.20	13.83	0.00	24000	670	70	1400	2700	NA	
27-Jul-94	7.72	13.31	0.00	4700	193.6	33.1	332.3	281.2	NA	
28-Oct-94	7.82	13.21	0.00	3200	167.3	18	238.7	104.5	NA	
02-Jan-95	6.65	14.38	0.00	18000	1300	220	3400	10000	NA	
28-Jul-95	6.77	14.26	0.00	25000	440	74	1700	4500	NA	
17-Oct-95	7.00	14.03	0.00	18000	360	24	1300	2200	NA	
11-Jan-96	6.22	14.81	0.00	41000a	420	180	1600	9500	<200	
<b>S-5 DUP</b>										
28-Jul-95	NA	NA	NA	25000	450	<50	1700	4600		
<b>S-6</b>										
	<b>Top casing elevation (ft):</b>			<b>22.02</b>						
16-Nov-88	NA	NA	0.00	50	0.7	<1	<1	<3	NA	
27-Feb-89	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	
04-May-89	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	
10-Aug-89	8.54	13.48	0.00	<50	<0.5	<1	<1	<3	NA	
10-Oct-89	8.58	13.44	0.00	<50	<0.5	<1	<1	<3	NA	
25-Jan-90	8.31	13.71	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
18-Apr-90	8.43	13.59	0.00	<50	<0.5	0.6	<0.5	1	NA	
23-Jul-90	8.24	13.78	0.00	<50	<0.5	0.9	<0.5	1.8	NA	
18-Oct-90	9.20	12.82	0.00	<50	<0.5	0.7	<0.5	0.8	NA	
28-Jan-91	9.10	12.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
25-Apr-91	7.74	14.28	0.00	<50	<0.5	<0.5	<0.5	0.7	NA	
09-Jul-91	8.81	13.21	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
08-Oct-91	9.26	12.76	0.00	<50	0.7	<0.5	<0.5	<0.5	NA	
28-Apr-92	7.91	14.11	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	

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26-Oct-92	9.29	12.73	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
13-Jan-94	9.43	12.59	0.00	NS	NS	NS	NS	NS	NA	
16-Apr-93	7.12	14.90	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
23-Jul-93	8.14	13.88	0.00	NS	NS	NS	NS	NS	NA	
27-Oct-93	8.75	13.27	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jan-94	7.87	14.15	0.00	NS	NS	NS	NS	NS	NA	
	<b>New top casing elevation (ft):</b>			<b>21.40</b>						
05-May-94	7.71	13.69	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Jul-94	8.10	13.30	0.00	NS	NS	NS	NS	NS	NA	
28-Oct-94	8.04	13.36	0.00	<50	<0.3	<0.3	<0.3	<0.6	NA	
02-Jan-95	7.07	14.33	0.00	NS	NS	NS	NS	NS	NA	
14-Apr-95	6.29	15.11	0.00	<50	<0.5	1.3	<0.5	<0.5	NA	
17-Oct-95	7.20	14.20	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.60	14.80	0.00	NA	NA	NA	NA	NA	NA	
<b>S-7</b>	<b>Top casing elevation (ft):</b>			<b>21.47</b>						
16-Nov-88	NA	NA	0.00	100	5.1	15	2	13	NA	
27-Feb-89	NA	NA	0.00	50	0.5	3	1	11	NA	
04-May-89	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	
10-Aug-89	8.18	13.29	0.00	<50	<0.5	<1	<1	<3	NA	
10-Oct-89	8.35	13.12	0.00	<50	<0.5	<1	<1	<3	NA	
25-Jan-90	7.95	13.52	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
18-Apr-90	8.06	13.41	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
23-Jul-90	7.89	13.58	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
18-Oct-90	8.83	12.64	0.00	<50	<0.5	0.5	0.5	4.1	NA	
28-Jan-91	8.77	12.70	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
25-Apr-91	7.25	14.22	0.00	60	<0.5	<0.5	<0.5	<0.5	NA	
09-Jul-91	8.41	13.06	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
05-Feb-92	8.04	13.43	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
08-Oct-91	8.95	12.52	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	



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28-Apr-92	7.45	14.02	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jul-92	8.48	12.99	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	9.95	11.52	0.00	570	<0.5	<0.5	<0.5	<0.5	NA	
14-Jan-93	5.84	15.63	0.00	56	<0.5	<0.5	<0.5	<0.5	NA	
16-Apr-93	6.38	15.09	0.00	110	28	<0.5	<0.5	1.8	NA	
23-Jul-93	7.72	13.75	0.00	80	0.48	<0.5	<0.5	0.8	NA	
27-Oct-93	7.79	13.68	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jan-94	7.85	13.62	0.00	70**	<0.5	<0.5	<0.5	<0.5	NA	
	<b>New top casing elevation (ft):</b>			<b>20.85</b>						
05-May-94	9.45	11.40	0.00	92	2.1	<0.5	<0.5	<0.5	NA	
26-Jul-94	7.64	13.21	0.00	88	<0.3	<0.3	<0.3	<0.6	NA	
28-Oct-94	7.68	13.17	0.00	60	<0.3	0.5	<0.3	<0.6	NA	
02-Jan-95	6.95	13.90	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jul-95	6.32	14.53	0.00	170	1.7	<0.5	<0.5	2.2	NA	
17-Oct-95	7.07	13.78	0.00	100	<0.5	0.6	<0.5	<0.5	NA	
11-Jan-96	6.10	14.75	0.00	80a	0.6	<0.5	<0.5	<0.5	54	

<b>S-8</b>	<b>Top casing elevation (ft):</b>		<b>20.72</b>							
16-Nov-88	NA	NA	0.00	210	5	<1	1	5	NA	
27-Feb-89	NA	NA	0.00	<50	2.4	<1	<1	<3	NA	
04-May-89	NA	NA	0.00	<50	7.5	<1	2	<3	NA	
10-Aug-89	7.79	12.93	0.00	<50	0.6	<1	<1	<3	NA	
10-Oct-89	7.84	12.88	0.00	<50	<0.5	<1	<1	<3	NA	
25-Jan-90	7.47	13.25	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
18-Apr-90	7.59	13.13	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
23-Jul-90	7.49	13.23	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
18-Oct-90	8.44	12.28	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jan-91	8.28	12.44	0.00	<50	55	0.5	<0.5	1.4	NA	
25-Apr-91	6.72	14.00	0.00	130*	19	<0.5	1.3	1.1	NA	
09-Jul-91	7.98	12.74	0.00	200	33	<0.5	1.8	2.8	NA	

**TABLE 1**

**WELL CONCENTRATIONS  
Shell Oil Products Company  
15275 Washington  
San Leandro, California  
WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
08-Oct-91	8.55	12.17	0.00	580	95	2.2	4.9	6.5	NA	
05-Feb-92	7.50	13.22	0.00	90*	18	<0.5	6.2	1.8	NA	
28-Apr-92	7.14	13.58	0.00	<50	5.9	<0.5	2.5	<0.5	NA	
27-Jul-92	8.06	12.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	8.58	12.14	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
14-Jan-93	5.32	15.40	0.00	270	74	0.9	25	5.5	NA	
16-Apr-93	5.76	14.96	0.00	1100	420	<0.5	200	20	NA	
23-Jul-93	7.29	13.43	0.00	160	23	<0.5	1.2	1.5	NA	
27-Oct-93	7.93	12.79	0.00	420	650	0.7	11	1.7	NA	
27-Jan-94	6.31	14.41	0.00	290	65	<1	6.9	2.4	NA	
<b>New top casing elevation (ft):</b>				<b>20.32</b>						
05-May-94	6.84	13.48	0.00	120	13	<0.5	<0.5	<0.5	NA	
26-Jul-94	7.42	12.90	0.00	115	12.2	1.3	<0.3	2.7	NA	
28-Oct-94	7.56	12.76	0.00	733	75.9	3.2	4.9	4.2	NA	
02-Jan-95	6.19	14.13	0.00	290	54	<0.5	10	<0.5	NA	
14-Apr-95	5.54	14.78	0.00	230	68	<0.5	10	2.4	NA	
28-Jul-95	6.28	14.04	0.00	290	44	<0.5	8	<0.5	NA	
17-Oct-95	6.64	13.68	0.00	190	24	<0.5	1	0.9	NA	
11-Jan-96	5.96	14.36	0.00	400a	85	1.1	13	3.4	2.3	
<b>S-9 Top casing elevation (ft):</b>				<b>20.96</b>						
16-Nov-88	NA	NA	0.00	1400	69	3	52	180	NA	
27-Feb-89	NA	NA	0.00	1600	240	4	130	180	NA	
04-May-89	NA	NA	0.00	2600	470	10	240	480	NA	
10-Aug-89	7.82	13.14	0.00	520	73	<10	40	<30	NA	
10-Oct-89	7.87	13.09	0.00	380	82	<1	46	13	NA	
25-Jan-90	7.41	13.55	0.00	750	140	1.2	69	75	NA	
18-Apr-90	7.65	13.31	0.00	680	150	1.7	50	37	NA	
23-Jul-90	7.58	13.38	0.00	490	94	1.2	32	24	NA	
18-Oct-90	8.46	12.50	0.00	390	140	0.7	3.3	24	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
28-Jan-91	8.29	12.67	0.00	1040	450	4.6	85	97	NA	
25-Apr-91	6.09	14.87	0.00	5800	880	9	360	500	NA	
09-Jul-91	7.82	13.14	0.00	1400	220	2.8	82	100	NA	
08-Oct-91	8.55	12.41	0.00	890	960	<2.5	16	29	NA	
05-Feb-92	6.96	14.00	0.00	950	240	<2.5	28	55	NA	
28-Apr-92	6.76	14.20	0.00	1400*	290	3	100	81	NA	
27-Jul-92	8.10	12.86	0.00	890	190	<2.5	66	68	NA	
26-Oct-92	8.53	12.43	0.00	650	160	<2.5	63	89	NA	
13-Jan-93	6.80	14.16	0.00	19000	2400	38	1700	2200	NA	
16-Apr-93	6.28	14.68	0.00	10000	1500	<5	1100	990	NA	
23-Jul-93	7.26	13.70	0.00	1100	400	<5	260	160	NA	
27-Oct-93	8.00	12.96	0.00	2500	400	<5	190	110	NA	
27-Jan-94	5.96	15.00	0.00	4800	990	16	630	490	NA	
<b>New top casing elevation (ft):</b>				<b>20.68</b>						
05-May-94	6.99	13.69	0.00	3700	480	<5	21	120	NA	
26-Jul-94	7.56	13.12	0.00	1000	124.6	<0.3	35.8	28.6	NA	
28-Oct-94	7.78	12.90	0.00	979	80.3	7	21.7	29.2	NA	
02-Jan-95	6.29	14.39	0.00	3900	540	2.4	350	150	NA	
14-Apr-95	5.69	14.99	0.00	5100	1000	<10	380	230	NA	
28-Jul-95	6.61	14.07	0.00	4600	680	<10	120	47	NA	
17-Oct-95	7.00	13.68	0.00	1600	150	<0.5	42	15	NA	
<del>11-Jan-96</del>	6.20	14.48	0.00	6800a	<del>1100</del>	12	720	95	24	
<b>S-10</b>	<b>Top casing elevation (ft):</b>			<b>20.69</b>						
16-Nov-88	NA	NA	0.00	330	0.5	<1	1	11	NA	
27-Feb-89	NA	NA	0.00	140	<0.5	<3	2	6	NA	
03-May-89	NA	NA	0.00	220	<0.5	1	2	7	NA	
10-Aug-89	7.94	12.75	0.00	<50	<0.5	<1	<1	<3	NA	
09-Oct-89	7.99	12.70	0.00	170	<0.5	<1	<1	<3	NA	
25-Jan-90	7.56	13.13	0.00	<50	<0.5	<0.5	1.1	4	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
18-Apr-90	7.71	12.98	0.00	<50	<0.5	0.9	<0.5	2	NA	
23-Jul-90	7.64	13.05	0.00	590	<0.5	<0.5	1.9	19	NA	
18-Oct-90	8.58	12.11	0.00	140	<0.5	0.7	<0.5	7	NA	
28-Jan-91	8.35	12.34	0.00	<50	<0.5	<0.5	<0.5	0.5	NA	
25-Apr-91	6.91	13.78	0.00	<50	<0.5	<0.5	1.1	0.8	NA	
09-Jul-91	8.14	12.55	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
08-Oct-91	8.70	11.99	0.00	140	<0.5	<0.5	<0.5	<0.5	NA	
05-Feb-92	7.57	13.12	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Apr-92	7.20	13.49	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jul-92	8.17	12.52	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	8.68	12.01	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
13-Jan-93	3.78	16.91	0.00	88	<0.5	0.6	0.6	<0.5	NA	
16-Apr-93	6.46	14.23	0.00	80	<0.5	<0.5	<0.5	<0.5	NA	
23-Jul-93	7.38	13.31	0.00	<50	1.5	<0.5	0.7	2.7	NA	
27-Oct-93	8.09	12.60	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jan-94	5.81	14.88	0.00	270	1.1	1.3	2	7.4	NA	
	<b>New top casing elevation (ft):</b>			<b>20.15</b>						
05-May-94	6.82	13.33	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Jul-94	7.40	12.75	0.00	<50	<0.3	<0.3	<0.3	<0.6	NA	
28-Oct-94	7.62	12.53	0.00	<50	2.4	<0.3	0.5	0.8	NA	
02-Jan-95	6.13	14.02	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
14-Apr-95	5.60	14.55	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jul-95	6.44	13.71	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
17-Oct-95	6.85	13.30	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.08	14.07	0.00	<50a	<0.5	<0.5	<0.5	<0.5	<2	
<b>S-11</b>	<b>Top casing elevation (ft):</b>			<b>21.26</b>						
16-Nov-88	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	
27-Feb-89	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	
03-May-89	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
10-Aug-89	8.65	12.61	0.00	<50	<0.5	<1	<1	<3	NA	
09-Oct-89	8.64	12.62	0.00	<50	<0.5	<1	<1	<3	NA	
25-Jan-90	8.43	12.83	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
18-Apr-90	8.42	12.84	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
23-Jul-90	8.23	13.03	0.00	<50	<0.5	0.6	<0.5	1.1	NA	
18-Oct-90	9.20	12.06	0.00	<50	<0.5	<0.5	<0.5	0.5	NA	
28-Jan-91	9.13	12.13	0.00	63	<0.5	3.3	0.9	7	NA	
25-Apr-91	7.53	13.73	0.00	<50	<0.5	<0.5	0.8	<0.5	NA	
09-Jul-91	8.85	12.41	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
08-Oct-91	9.34	11.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Apr-92	7.80	13.46	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jul-92	8.80	12.46	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	9.42	11.84	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
13-Jan-93	6.52	14.74	0.00	NS	NS	NS	NS	NS	NA	
16-Apr-93	6.86	14.40	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
23-Jul-93	8.07	13.19	0.00	NS	NS	NS	NS	NS	NA	
27-Oct-93	NA	NA	0.00	NS	NS	NS	NS	NS	NA	Well Inaccessible
27-Jan-94	NA	NA	0.00	NS	NS	NS	NS	NS	NA	
	<b>New top casing elevation (ft):</b>			<b>21.24</b>						
05-May-94	7.73	13.51	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Jul-94	8.30	12.94	0.00	NS	NS	NS	NS	NS	NA	
28-Oct-94	8.30	12.94	0.00	<50	<0.3	<0.3	<0.3	<0.6	NA	
02-Jan-95	7.25	13.99	0.00	NS	NS	NS	NS	NS	NA	
14-Apr-95	6.99	14.25	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
17-Oct-95	7.41	13.83	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.80	14.44	0.00	NA	NA	NA	NA	NA	NA	
<b>S-12</b>	<b>Top casing elevation (ft):</b>			<b>21.05</b>						
16-Nov-88	NA	NA	0.00	50	3.5	<1	<1	<3	NA	
27-Feb-89	NA	NA	0.00	<50	0.8	<1	<1	<3	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
03-May-89	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	
10-Aug-89	8.32	12.73	0.00	<50	<0.5	<1	<1	<3	NA	
09-Oct-89	8.32	12.73	0.00	<50	<0.5	<1	<1	<1	NA	
25-Jan-90	8.18	12.87	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
18-Apr-90	8.05	13.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
23-Jul-90	7.92	13.13	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
18-Oct-90	8.90	12.15	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jan-91	8.54	12.51	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
25-Apr-91	7.08	13.97	0.00	90	5.4	<0.5	1.1	0.7	NA	
09-Jul-91	8.42	12.63	0.00	<50	2.9	<0.5	<0.5	<0.5	NA	
08-Oct-91	8.80	12.25	0.00	50	<0.5	<0.5	<0.5	<0.5	NA	
05-Feb-92	8.07	12.98	0.00	50*	<0.5	<0.5	<0.5	<0.5	NA	
28-Apr-92	8.33	12.72	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jul-92	8.55	12.50	0.00	94	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	9.03	12.02	0.00	86	<0.5	<0.5	<0.5	<0.5	NA	
14-Jan-93	6.38	14.67	0.00	120	2	<0.5	<0.5	<0.5	NA	
16-Apr-93	6.56	14.49	0.00	60	<0.5	<0.5	<0.5	<0.5	NA	
23-Jul-93	7.76	13.29	0.00	90	<0.5	<0.5	<0.5	<0.5	NA	
27-Oct-93	NA	NA	0.00	NS	NS	NS	NS	NS	NA	Well Inaccessible
27-Jan-94	NA	NA	0.00	NS	NS	NS	NS	NS	NA	Well Inaccessible
	<b>New top casing elevation (ft):</b>			<b>20.71</b>						
05-May-94	7.49	13.22	0.00	<50	2	<0.5	<0.5	<0.5	NA	
26-Jul-94	7.92	12.79	0.00	128	<0.3	<0.3	<0.3	<0.6	NA	
28-Oct-94	7.78	12.93	0.00	167	<0.3	<0.3	<0.3	<0.6	NA	
02-Jan-95	7.33	13.38	0.00	50	<0.5	<0.5	<0.5	<0.5	NA	
14-Apr-95	6.47	14.24	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jul-95	6.90	13.81	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
17-Oct-95	7.16	13.55	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.65	14.06	0.00	<50a	<0.5	<0.5	<0.5	<0.5	82	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
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<b>S-13</b>		<b>Top casing elevation (ft):</b>		<b>20.57</b>						
03-May-89	NA	NA	0.00	150	4.9	4	2	14	NA	
10-Aug-89	8.00	12.57	0.00	110	2.9	<1	<1	<3	NA	
09-Oct-89	7.95	12.62	0.00	77	1.4	<1	<1	<3	NA	
25-Jan-90	7.79	12.78	0.00	51	0.5	<0.5	<0.5	<1	NA	
18-Apr-90	7.73	12.84	0.00	85	8.7	<0.5	<0.5	<1	NA	
23-Jul-90	7.63	12.94	0.00	80	0.8	<0.5	<0.5	<0.5	NA	
18-Oct-90	8.58	11.99	0.00	130	<0.5	<0.5	<0.5	<5	NA	
28-Jan-91	8.39	12.18	0.00	<50	<0.5	0.9	1.2	1	NA	
25-Apr-91	7.00	13.57	0.00	440*	3.8	<0.5	<0.5	0.6	NA	
09-Jul-91	8.12	12.45	0.00	320*	0.6	<0.5	<0.5	<0.5	NA	
08-Oct-91	8.69	11.88	0.00	310	<0.5	<0.5	<0.5	<0.5	NA	
28-Apr-92	7.15	13.42	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	8.73	11.84	0.00	180	<0.5	<0.5	<0.5	<0.5	NA	
13-Jan-93	5.06	15.51	0.00	NS	NS	NS	NS	NS	NA	
16-Apr-93	6.38	14.19	0.00	240	4.8	<0.5	1.3	<0.5	NA	
23-Jul-93	7.45	13.12	0.00	NS	NS	NS	NS	NS	NA	
27-Oct-93	NA	NA	0.00	NS	NS	NS	NS	NS	NA	Well Inaccessible
27-Jan-94	NA	NA	0.00	NS	NS	NS	NS	NS	NA	
		<b>New top casing elevation (ft):</b>		<b>20.16</b>						
05-May-94	6.91	13.25	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Jul-94	7.52	12.64	0.00	NS	NS	NS	NS	NS	NA	
28-Oct-94	7.68	12.48	0.00	368	<0.3	<0.3	<0.3	<0.6	NA	
02-Jan-95	6.37	13.79	0.00	NS	NS	NS	NS	NS	NA	
17-Oct-95	6.94	13.22	0.00	<50	1	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.20	13.96	0.00	NA	NA	NA	NA	NA	NA	

<b>S-14</b>		<b>Top casing elevation (ft):</b>		<b>20.44</b>						
03-May-89	NA	NA	0.00	5300	750	400	200	800	NA	
10-Aug-89	7.58	12.86	0.00	1800	540	140	42	50	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
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09-Oct-89	7.62	12.82	0.00	1000	360	60	20	30	NA	
25-Jan-90	7.82	12.62	0.00	640	160	77	17	39	NA	
18-Apr-90	7.37	13.07	0.00	1200	200	110	30	96	NA	
23-Jul-90	7.28	13.16	0.00	5000	430	340	140	660	NA	
18-Oct-90	8.10	12.34	0.00	1800	770	13	17	120	NA	
28-Jan-91	8.04	12.40	0.00	720	200	36	21	78	NA	
25-Apr-91	6.40	14.04	0.00	14000	930	430	250	970	NA	
09-Jul-91	7.69	12.75	0.00	160	30	5.3	5	16	NA	
08-Oct-91	8.24	12.20	0.00	5400	81	57	95	380	NA	
28-Apr-92	9.75	10.69	0.00	2000	270	140	48	170	NA	
26-Oct-92	8.32	12.12	0.00	920	33	12	25	88	NA	
13-Jan-93	5.07	15.37	0.00	NS	NS	NS	NS	NS	NA	
16-Apr-93	5.86	14.58	0.00	4500	1100	29	91	170	NA	
23-Jul-93	7.06	13.38	0.00	NS	NS	NS	NS	NS	NA	
27-Oct-93	NA	NA	0.00	NS	NS	NS	NS	NS	NA	Well Inaccessible
27-Jan-94	NA	NA	0.00	NS	NS	NS	NS	NS	NA	
<b>New top casing elevation (ft):</b>				<b>19.99</b>						
05-May-94	6.48	13.51	0.00	810	250	<2.5	9.4	19	NA	
26-Jul-94	7.04	12.95	0.00	NS	NS	NS	NS	NS	NA	
28-Oct-94	7.07	12.92	0.00	5385	290.6	85.8	49.7	186.2	NA	
02-Jan-95	5.95	14.04	0.00	NS	NS	NS	NS	NS	NA	
14-Apr-95	5.22	14.77	0.00	1600	40	4.7	11	20	NA	
17-Oct-95	6.30	13.69	0.00	1200	37	<0.5	7.8	11	NA	
11-Jan-96	5.70	14.29	0.00	NA	NA	NA	NA	NA	NA	

<b>S-15</b>	<b>Top casing elevation (ft):</b>		<b>22.22</b>							
03-May-89	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	
10-Aug-89	8.48	13.74	0.00	<50	<0.5	<1	<1	<3	NA	
09-Oct-89	8.46	13.76	0.00	<50	<0.5	<1	<1	<3	NA	
25-Jan-90	8.34	13.88	0.00	<50	<0.5	<1	<1	<1	NA	



TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
18-Apr-90	8.45	13.77	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
23-Jul-90	8.22	14.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
18-Oct-90	9.11	13.11	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jan-91	9.13	13.09	0.00	<50	<0.5	0.6	<0.5	0.8	NA	
25-Apr-91	7.83	14.39	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
09-Jul-91	8.93	13.29	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
08-Oct-91	9.26	12.96	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
05-Feb-92	8.60	13.62	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Apr-92	8.09	14.13	0.00	50	0.8	0.9	<0.5	1.4	NA	
27-Jul-92	8.83	13.39	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	9.31	12.91	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
14-Jan-93	6.64	15.58	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
16-Apr-93	7.14	15.08	0.00	<50	0.6	1	<0.5	0.7	NA	
23-Jul-93	8.23	13.99	0.00	<50	1.2	<0.5	<0.5	1.6	NA	
27-Oct-93	NA	NA	0.00	NS	NS	NS	NS	NS	NA	Well Inaccessible
27-Jan-94	NA	NA	0.00	NS	NS	NS	NS	NS	NA	Well Inaccessible
	<b>New top casing elevation (ft):</b>			<b>21.42</b>						
05-May-94	7.57	13.85	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Jul-94	8.16	13.26	0.00	<50	<0.3	<0.3	<0.3	<0.6	NA	
28-Oct-94	7.87	13.55	0.00	<50	0.3	<0.3	<0.3	<0.6	NA	
02-Jan-95	7.02	14.40	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jul-95	6.72	14.70	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
17-Oct-95	7.04	14.38	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.40	15.02	0.00	<50a	<0.5	<0.5	<0.5	<0.5	<2	
<b>S-16</b>	<b>Top casing elevation (ft):</b>			<b>21.82</b>						
04-May-94	NA	NA	0.00	380	44	3	2	<3	NA	
10-Aug-89	8.36	13.46	0.00	<50	0.6	<1	<1	<3	NA	
10-Oct-89	8.23	13.59	0.00	<5	<0.5	<1	<1	<3	NA	
25-Jan-90	7.88	13.94	0.00	240	160	3.3	0.8	11	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
18-Apr-90	8.19	13.63	0.00	<50	1	<0.5	<0.5	<1	NA	
23-Jul-90	8.09	13.73	0.00	<50	1.1	<0.5	<0.5	<0.5	NA	
18-Oct-90	8.90	12.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jan-91	8.55	13.27	0.00	<50	<0.5	0.6	<0.5	0.9	NA	
25-Apr-91	7.48	14.34	0.00	60^	21	0.5	3.2	4.8	NA	
09-Jul-91	8.48	13.34	0.00	<50	1	<0.5	<0.5	<0.5	NA	
08-Oct-91	8.95	12.87	0.00	50	17	1.4	1.2	5.5	NA	
05-Feb-92	8.20	13.62	0.00	150	65	0.7	<0.5	8.4	NA	
28-Apr-92	7.80	14.02	0.00	<50	13	<0.5	<0.5	<0.5	NA	
27-Jul-92	8.29	13.53	0.00	510	130	<2.5	<0.5	21	NA	
26-Oct-92	9.02	12.80	0.00	<50	<0.5	<0.5	<2.5	<0.5	NA	
13-Jan-93	5.78	16.04	0.00	100	25	1.9	<0.5	8.4	NA	
16-Apr-93	6.80	15.02	0.00	150	56	1.8	4.6	12	NA	
23-Jul-93	7.67	14.15	0.00	<50	0.9	<0.5	<0.5	<0.5	NA	
27-Oct-93	8.52	13.30	0.00	<50	1.5	<0.5	<0.5	<0.5	NA	
27-Jan-94	7.20	14.62	0.00	140	85	<1	<1	13	NA	
	<b>New top casing elevation (ft):</b>			<b>21.24</b>						
05-May-94	7.76	13.48	0.00	71	25	<0.5	<0.5	4.2	NA	
26-Jul-94	7.84	13.40	0.00	<50	<0.3	<0.3	<0.3	<0.6	NA	
28-Oct-94	7.97	13.27	0.00	<50	11.5	<0.3	<0.3	1.8	NA	
02-Jan-95	6.49	14.75	0.00	70	64	<0.5	<0.5	4	NA	
28-Jul-95	7.00	14.24	0.00	<50	1.7	<0.5	<0.5	<0.5	NA	
17-Oct-95	7.15	14.09	0.00	<50	4.6	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.30	14.94	0.00	80a	17	0.7	<0.5	2.9	<2	
<b>S-17</b>	<b>Top casing elevation (ft):</b>			<b>20.95</b>						
03-May-89	NA	NA	0.00	<50	<0.5	<1	<1	<3	NA	
10-Aug-89	8.13	12.82	0.00	<50	<0.5	<1	<1	<3	NA	
09-Oct-89	8.18	12.77	0.00	<50	<0.5	<1	<1	<3	NA	
25-Jan-90	7.60	13.35	0.00	<50	<0.5	<0.5	<0.5	<1	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
18-Apr-90	7.95	13.00	0.00	<50	<0.5	<0.5	<0.5	<1	NA	
23-Jul-90	7.87	13.08	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
18-Oct-90	8.71	12.24	0.00	390	10	62	22	110	NA	
28-Jan-91	8.54	12.41	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
25-Apr-91	7.15	13.80	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
09-Jul-91	8.24	12.71	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
08-Oct-91	8.86	12.09	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Apr-92	7.41	13.54	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	8.87	12.08	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
13-Jan-93	3.43	17.52	0.00	NS	NS	NS	NS	NS	NA	
16-Apr-93	6.70	14.25	0.00	130	<0.5	<0.5	<0.5	<0.5	NA	
23-Jul-93	7.53	13.42	0.00	NS	NS	NS	NS	NS	NA	
27-Oct-93	8.29	12.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jan-94	5.78	15.17	0.00	NS	NS	NS	NS	NS	NA	
	<b>New top casing elevation (ft):</b>			<b>20.45</b>						
05-May-94	6.99	13.46	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Jul-94	7.62	12.83	0.00	NS	NS	NS	NS	NS	NA	
28-Oct-94	7.91	12.54	0.00	<50	<0.3	<0.3	<0.3	<0.6	NA	
02-Jan-95	6.33	14.12	0.00	NS	NS	NS	NS	NS	NA	
17-Oct-95	7.15	13.30	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.37	14.08	0.00	NA	NA	NA	NA	NA	NA	
<b>S-18</b>	<b>Top casing elevation (ft):</b>			<b>21.03</b>						
31-May-91	NA	NA	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
09-Jul-91	8.23	12.80	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
08-Oct-91	8.84	12.19	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
05-Feb-92	7.67	13.36	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Apr-92	7.40	13.63	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jul-92	8.38	12.65	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Oct-92	8.83	12.20	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
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13-Jan-93	5.86	15.17	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
16-Apr-93	4.88	16.15	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
23-Jul-93	7.56	13.47	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Oct-93	8.30	12.73	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
27-Jan-94	6.84	14.19	0.00	<50	1.9	<0.5	<0.5	<0.5	NA	
	<b>New top casing elevation (ft):</b>			<b>20.57</b>						
05-May-94	7.05	13.52	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
26-Jul-94	7.62	12.95	0.00	<500	<3	1.1	<0.3	1.8	NA	
28-Oct-94	8.01	12.56	0.00	<50	<0.3	<0.3	<0.3	<0.6	NA	
02-Jan-95	6.26	14.31	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
28-Jul-95	5.80	14.77	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
17-Oct-95	7.22	13.35	0.00	<50	<0.5	<0.5	<0.5	<0.5	NA	
11-Jan-96	6.40	14.17	0.00	<50a	<0.5	<0.5	<0.5	<0.5	<2	

<b>SR-1</b>	<b>Top casing elevation (ft):</b>		<b>21.45</b>							
22-Mar-89	NA	NA	0.00	5400	1100	230	350	1300	NA	
25-Jan-90	7.53	13.92	0.00	2200	470	120	110	510	NA	
18-Apr-90	8.17	13.28	0.00	1000	130	47	47	220	NA	
23-Jul-90	7.58	13.87	0.00	3200	470	320	170	870	NA	
18-Oct-90	8.81	12.64	0.00	1300	280	6.6	110	130	NA	
28-Jan-91	8.37	13.08	0.00	110	120	12	51	110	NA	
09-Jul-91	8.11	13.34	0.00	1400	200	27	130	340	NA	
08-Oct-91	8.63	12.82	0.00	980	79	1.5	44	52	NA	
05-Feb-91	7.68	13.77	0.00	3800	580	36	320	400	NA	
28-Apr-92	7.27	14.18	0.00	38000	1800	460	1900	750	NA	
27-Jul-92	8.11	13.34	0.01	NS	NS	NS	NS	NS	NS	
26-Oct-92	8.63	12.82	0.00	1800	370	10	130	130	NA	
13-Jan-93	5.46	15.99	0.00	47000	1000	1100	1700	13000	NA	
16-Apr-93	6.28	15.17	0.00	25000	1700	430	2400	8300	NA	
23-Jul-93	7.34	14.11	0.00	33000	2400	2000	3800	14000	NA	

TABLE 1

**WELL CONCENTRATIONS**  
**Shell Oil Products Company**  
**15275 Washington**  
**San Leandro, California**  
**WIC# 204-6852-1008**

Sample Date	Measured GW Depth (ft)	Corrected GW Elev (ft)	SP	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE ug/L	Comments
27-Oct-93	8.04	13.41	0.00	2300	340	<12.5	270	440	NA	
27-Jan-94	6.68	14.77	0.00	36000	2000	1700	3000	11000	NA	
	<b>New top casing elevation (ft):</b>			<b>20.57</b>						
05-May-94	6.81	13.76	0.00	43000	1500	130	2900	12000	NA	
26-Jul-94	7.38	13.19	0.00	13600	682.7	39.2	996.6	2516	NA	
28-Oct-94	7.48	13.09	0.00	8462	301.5	29.3	384.7	2019	NA	
02-Jan-95	6.34	14.23	0.00	13000	400	120	2500	10000	NA	
14-Apr-95	5.29	15.28	0.00	43000	690	370	2500	12000	NA	
28-Jul-95	6.36	14.21	0.00	35000	760	120	2300	8100	NA	
17-Oct-95	6.62	13.95	0.00	9700	310	12	610	1200	NA	
11-Jan-96	5.66	14.91	0.00	18000a	410	170	1200	4400	42	
<b>SR-1 (DUP)</b>										
17-Oct-95	NA	NA	NA	8300	230	9.6	680	840	NA	
11-Jan-96	NA	NA	NA	17000a	420	180	1100	4000	42	

**Abbreviations:**

TPH-G = Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015 Modified

NA = Not analyzed or not available

NS = Not Sampled

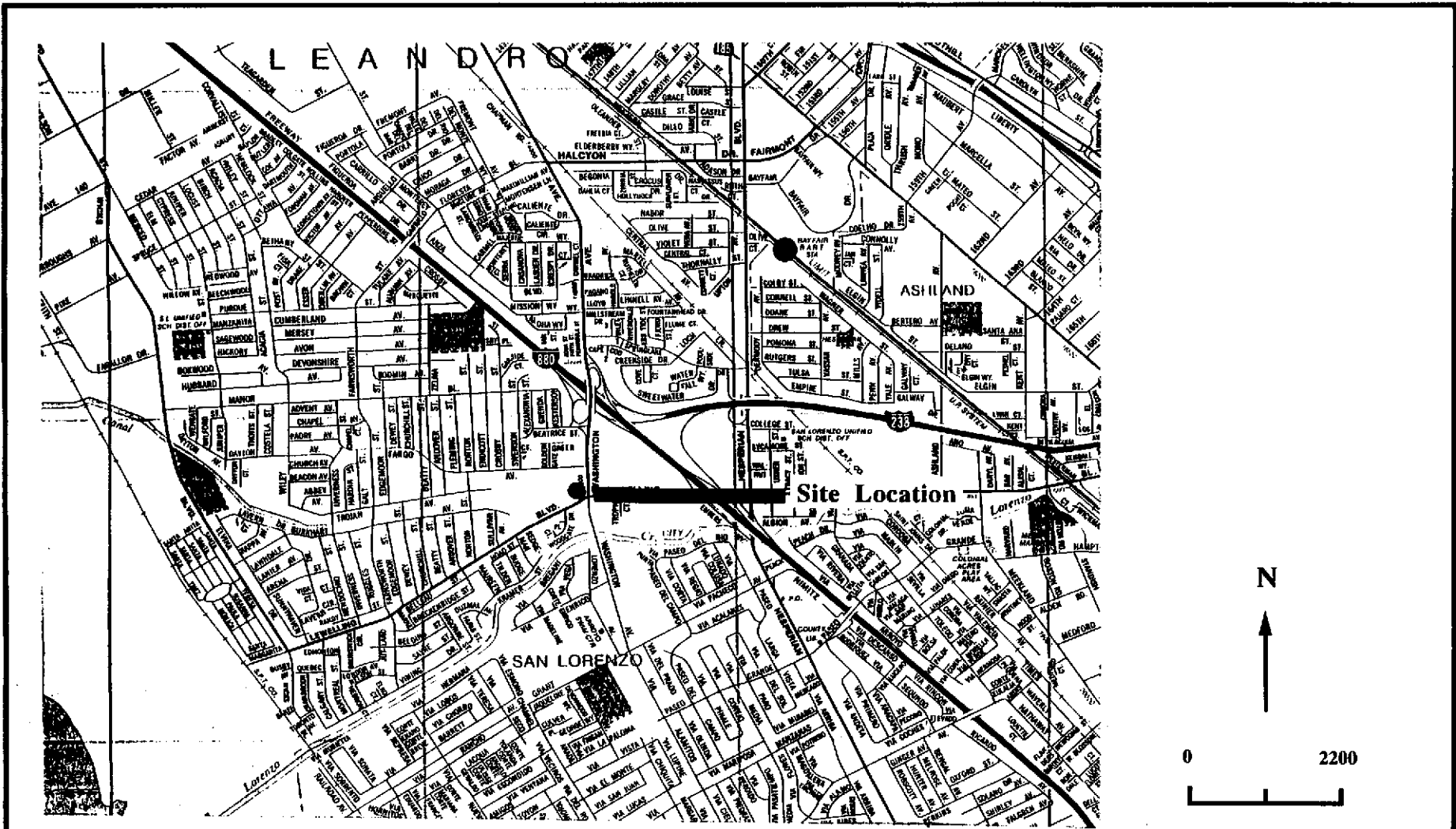
DUP = Duplicate

**Notes:**

\* = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.

\*\* = The concentration reported as gasoline is primarily due to the presence of a discrete peak not indicative of gasoline.

a = Laboratory reports as "Purgeable TPH, Carbon Range: C6 to C12"



Note: Vicinity Map taken from California State Automobile Association Map.

<b>PLATE</b>  <b>1</b>	<b>SITE VICINITY MAP</b> Shell Oil Company 15275 Washington Avenue San Leandro, California
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**enviros**<sup>®</sup>  
 95276.01

Drawn By: JLP	Date: 3-23-95
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Approved By: JLP, Date: 3-14-96



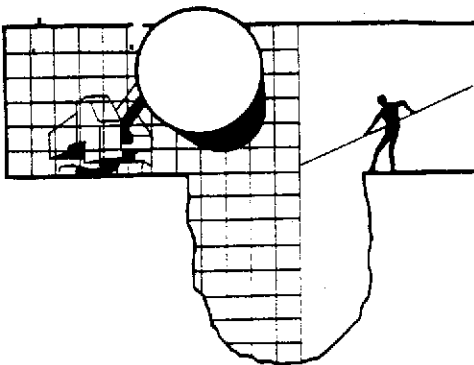
**Appendix A**

**BLAINE TECH SERVICES INC.  
Quarterly Groundwater Sampling Report**

**Chain-of-Custody Record**

**National Environmental Testing, Inc.  
Certified Chemical Analytical Report**





# BLAINE TECH SERVICES INC.

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

February 1, 1996

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

**RECEIVED**  
FEB 05 1996

Attn: R. Jeff Granberry

Shell WIC #204-6852-1008  
15275 Washington Blvd.  
San Leandro, California

1st Quarter 1996

## Quarterly Groundwater Monitoring Report 960111-Z-1

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. Copies of our Sampling Report along with the laboratory's Certified Analytical Report are forwarded to the consultant overseeing work at this site. Submission of the assembled documents to interested regulatory agencies will be made by the designated consultant.

Groundwater monitoring at this site was performed in accordance with Standard Operating Procedures provided to the interested regulatory agencies. If you have any questions about the work performed at this site please call me at (408) 995-5535 ext. 201.

Yours truly,

Francis Thie

attachments: Table of Well Gauging Data  
Chain of Custody  
Field Data Sheets  
Certified Analytical Report

cc: Enviros, Inc.  
P.O. Box 259  
Sonoma, CA 95476-0259  
Attn: Diane Lundquist

(Any professional evaluations or recommendations will be made by the consultant under separate cover.)

### 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)
S-1	1/11/96	TOC	ODOR	NONE	--	--	6.40	19.72
S-3	1/11/96	TOC	ODOR	NONE	--	--	5.80	14.90
S-5	1/11/96	TOC	ODOR	NONE	--	--	6.22	17.90
S-6	1/11/96	TOC	--	NONE	--	--	6.60	24.10
S-7	1/11/96	TOC	ODOR	NONE	--	--	6.10	23.70
S-8	1/11/96	TOC	ODOR	NONE	--	--	5.96	23.82
S-9	1/11/96	TOC	ODOR	NONE	--	--	6.20	17.64
S-10	1/11/96	TOC	--	NONE	--	--	6.08	17.72
S-11	1/11/96	TOC	--	NONE	--	--	6.80	22.10
S-12	1/11/96	TOC	--	NONE	--	--	6.65	23.60
S-13	1/11/96	TOC	--	NONE	--	--	6.20	23.30
S-14	1/11/96	TOC	--	NONE	--	--	5.70	22.54
S-15	1/11/96	TOC	--	NONE	--	--	6.40	22.60
S-16	1/11/96	TOC	--	NONE	--	--	6.30	23.44
S-17	1/11/96	TOC	--	NONE	--	--	6.37	23.84
S-18	1/11/96	TOC	--	NONE	--	--	6.40	17.64
SR-1 *	1/11/96	TOC	ODOR	NONE	--	--	5.66	20.70

\* Sample DUP was a duplicate sample taken from well SR-1.



**SHELL OIL COMPANY**  
 RETAIL ENVIRONMENTAL ENGINEERING - WEST

**CHAIN OF CUSTODY RECORD**

Serial No: 960111-21

Date: 1-11-96  
 Page 1 of 1

Site Address: 15275 Washington, San Leandro

WIC#: 204-6852-1008

Shell Engineer: Lynn Walker Phone No.: (510) 675-6170  
 Fax #: 675-6170

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

Comments:

Sampled by: [Signature]

Printed Name: BRETT BLEW

**Analysis Required**

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	Asbestos	Container Size	Preparation Used	Composite Y/N
-------------------------	----------------------------	---------------------	------------------------------	-------------------	----------------------------------	----------	----------------	------------------	---------------

LAB: NET

CHECK ONE (1) BOX ONLY	CT/DI	TURN AROUND TIME
Quarterly Monitoring <input checked="" type="checkbox"/>	6441	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	6441	48 hours <input type="checkbox"/>
Soil Classfy/Disposal <input type="checkbox"/>	6442	15 days <input checked="" type="checkbox"/> (Normal)
Water Classfy/Disposal <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. TAT.

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	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	Asbestos	Container Size	Preparation Used	Composite Y/N
S-1	1-11			X		3						X				
S-3	"			X		3						X				
S-5	"			X		3						X				
S-7	"			X		3						X				
S-8	"			X		3						X				
S-9	"			X		3						X				
S-10	"			X		3						X				
S-12	"			X		3						X				

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS

**CUSTODY SEALED**  
 Date: 1-11-96 Time: 16:30 Initials: [Signature]  
**SEAL INTACT?**  
 Yes  No  Initials: [Signature]

Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>BRETT BLEW</u>	Date: <u>1-11-96</u> Time: <u>1440</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>P. Smart</u>	Date: <u>1-11-96</u> Time: <u>1630</u>
Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>P. Smart</u>	Date: <u>1-11-96</u> Time: <u>1630</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>PAM GREENE</u>	Date: <u>1-11-96</u> Time: <u>1630</u>
Relinquished By (signature):	Printed Name:	Date:	Received (signature):	Printed Name:	Date:

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

VIA: NCS



**SHELL OIL COMPANY**  
RETAIL ENVIRONMENTAL ENGINEERING - WEST

**CHAIN OF CUSTODY RECORD**

Serial No: 960111-2

Date: 1-11-96

Page 2 of 2

Site Address: 15275 Washington, San Leandro

WIC#: 204-6852-1008

Shell Engineer: Lynn Walker Phone No.: (510) 675-6170  
Fax #: 675-6170

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

Comments:

Sampled by: [Signature]

Printed Name: BRETT BLEAN

**Analysis Required**

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	Asbestos	Container Size	Preparation Used	Composite Y/N
					X				
					X				
					X				
					X				
					X				
					X				
					X				

LAB: NET

CHECK ONE (1) BOX ONLY	C1/D1	TURN AROUND TIME
Quality Monitoring <input checked="" type="checkbox"/> 6441		24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/> 6441		48 hours <input type="checkbox"/>
Soil Classfy/Disposal <input type="checkbox"/> 6442		16 days <input checked="" type="checkbox"/> (Normal)
Water Classfy/Disposal <input type="checkbox"/> 6443		Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/> 6442		
Water Rem. or Sys. O & M <input type="checkbox"/> 6443		
Other <input type="checkbox"/>		

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

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.
S-15	1-11			X		3
S-16	"			X		3
S-18	"			X		3
EA	"			X		3
DUB	"			X		3
SR-1	"			X		3

CUSTODY SEALED

Date: 1-11-96 Time: 16:30 Initials: [Signature]

SEAL INTACT?

Yes  No  Initials: [Signature]

Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>BRETT BLEAN</u>	Date: <u>1-11-96</u>	Time: <u>1440</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>P. Smart</u>	Date: <u>1-11-96</u>	Time: <u>1455</u>
Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>P. Smart</u>	Date: <u>1-11-96</u>	Time: <u>1630</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>PAM GREENE</u>	Date: <u>1-12-96</u>	Time: <u>08:00</u>
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: 01/25/1996  
NET Client Acct. No: 1821  
NET Job No: 96.00136-A  
Received: 01/12/1996

Client Reference Information

Shell 15275 Washington, San Leandro, CA/960111-21

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. Results apply only to the samples analyzed. All positive results have been confirmed as required. 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 free to call me at (707) 541-2305.

Submitted by:

  
\_\_\_\_\_  
Ginger Brinlee  
Project Coordinator

Enclosure(s)



Client Name: Blaine Tech Services  
Client Acct: 1821  
NET Job No: 96.00136-A

Date: 01/25/1996  
ELAP Cert: 1386  
Page: 2

Ref: Shell 15275 Washington, San Leandro, CA/960111-21

SAMPLE DESCRIPTION: S-1

Date Taken: 01/11/1996

NET Sample No: 258740

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/19/1996	3485
DILUTION FACTOR*	1							01/19/1996	3485
Methyl-tert-butyl ether	ND		2		ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--							01/19/1996	3485
Bromofluorobenzene (SURR)	98				% Rec.	8020		01/19/1996	3485

SAMPLE DESCRIPTION: S-3

Date Taken: 01/11/1996

NET Sample No: 258741

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/23/1996	3491
DILUTION FACTOR*	100							01/23/1996	3491
Methyl-tert-butyl ether	ND		200		ug/L	8020		01/23/1996	3491
SURROGATE RESULTS	--							01/23/1996	3491
Bromofluorobenzene (SURR)	97				% Rec.	8020		01/23/1996	3491

SAMPLE DESCRIPTION: S-5

Date Taken: 01/11/1996

NET Sample No: 258742

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/23/1996	3491
DILUTION FACTOR*	100							01/23/1996	3491
Methyl-tert-butyl ether	ND		200		ug/L	8020		01/23/1996	3491
SURROGATE RESULTS	--							01/23/1996	3491
Bromofluorobenzene (SURR)	102				% Rec.	8020		01/23/1996	3491

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: 96.00136-A

Date: 01/25/1996  
ELAP Cert: 1386  
Page: 3

Ref: Shell 15275 Washington, San Leandro, CA/960111-21

SAMPLE DESCRIPTION: S-7

Date Taken: 01/11/1996

NET Sample No: 258743

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/23/1996	3491
DILUTION FACTOR*	1							01/23/1996	3491
Methyl-tert-butyl ether	54		2		ug/L	8020		01/23/1996	3491
SURROGATE RESULTS	--							01/23/1996	3491
Bromofluorobenzene (SURR)	99				% Rec.	8020		01/23/1996	3491

SAMPLE DESCRIPTION: S-8

Date Taken: 01/11/1996

NET Sample No: 258744

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/19/1996	3485
DILUTION FACTOR*	1							01/19/1996	3485
Methyl-tert-butyl ether	2.3		2		ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--							01/19/1996	3485
Bromofluorobenzene (SURR)	101				% Rec.	8020		01/19/1996	3485

SAMPLE DESCRIPTION: S-9

Date Taken: 01/11/1996

NET Sample No: 258745

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/19/1996	3485
DILUTION FACTOR*	10							01/19/1996	3485
Methyl-tert-butyl ether	24		20		ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--							01/19/1996	3485
Bromofluorobenzene (SURR)	100				% Rec.	8020		01/19/1996	3485

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: 96.00136-A

Date: 01/25/1996  
ELAP Cert: 1386  
Page: 4

Ref: Shell 15275 Washington, San Leandro, CA/960111-Z1

SAMPLE DESCRIPTION: S-10

Date Taken: 01/11/1996

NET Sample No: 258746

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020	01/19/1996	3485	
DILUTION FACTOR*	1						01/19/1996	3485	
Methyl-tert-butyl ether	ND		2		ug/L	8020	01/19/1996	3485	
SURROGATE RESULTS	--						01/19/1996	3485	
Bromofluorobenzene (SURR)	91				% Rec.	8020	01/19/1996	3485	

SAMPLE DESCRIPTION: S-12

Date Taken: 01/11/1996

NET Sample No: 258747

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020	01/19/1996	3485	
DILUTION FACTOR*	1						01/19/1996	3485	
Methyl-tert-butyl ether	82		2		ug/L	8020	01/19/1996	3485	
SURROGATE RESULTS	--						01/19/1996	3485	
Bromofluorobenzene (SURR)	98				% Rec.	8020	01/19/1996	3485	

SAMPLE DESCRIPTION: S-15

Date Taken: 01/11/1996

NET Sample No: 258748

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020	01/19/1996	3485	
DILUTION FACTOR*	1						01/19/1996	3485	
Methyl-tert-butyl ether	ND		2		ug/L	8020	01/19/1996	3485	
SURROGATE RESULTS	--						01/19/1996	3485	
Bromofluorobenzene (SURR)	98				% Rec.	8020	01/19/1996	3485	

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: 96.00136-A

Date: 01/25/1996  
ELAP Cert: 1386  
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Ref: Shell 15275 Washington, San Leandro, CA/960111-Z1

SAMPLE DESCRIPTION: S-16

Date Taken: 01/11/1996

NET Sample No: 258749

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/19/1996	3485
DILUTION FACTOR*	1							01/19/1996	3485
Methyl-tert-butyl ether	ND		2		ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--							01/19/1996	3485
Bromofluorobenzene (SURR)	98				% Rec.	8020		01/19/1996	3485

SAMPLE DESCRIPTION: S-18

Date Taken: 01/11/1996

NET Sample No: 258750

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/19/1996	3485
DILUTION FACTOR*	1							01/19/1996	3485
Methyl-tert-butyl ether	ND		2		ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--							01/19/1996	3485
Bromofluorobenzene (SURR)	98				% Rec.	8020		01/19/1996	3485

SAMPLE DESCRIPTION: EB

Date Taken: 01/11/1996

NET Sample No: 258751

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020		01/19/1996	3485
DILUTION FACTOR*	1							01/19/1996	3485
Methyl-tert-butyl ether	ND		2		ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--							01/19/1996	3485
Bromofluorobenzene (SURR)	97				% Rec.	8020		01/19/1996	3485

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: 96.00136-A

Date: 01/25/1996  
ELAP Cert: 1386  
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Ref: Shell 15275 Washington, San Leandro, CA/960111-21

SAMPLE DESCRIPTION: DUP

Date Taken: 01/11/1996

NET Sample No: 258752

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020	01/23/1996	3491	
DILUTION FACTOR*	10						01/23/1996	3491	
Methyl-tert-butyl ether	42		20		ug/L	8020	01/23/1996	3491	
SURROGATE RESULTS	--						01/23/1996	3491	
Bromofluorobenzene (SURR)	99				% Rec.	8020	01/23/1996	3491	

SAMPLE DESCRIPTION: SR-1

Date Taken: 01/11/1996

NET Sample No: 258753

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
8020 (GC, Liquid)	--					8020	01/23/1996	3491	
DILUTION FACTOR*	10						01/23/1996	3491	
Methyl-tert-butyl ether	42		20		ug/L	8020	01/23/1996	3491	
SURROGATE RESULTS	--						01/23/1996	3491	
Bromofluorobenzene (SURR)	102				% Rec.	8020	01/23/1996	3491	

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: 96.00136-A

Date: 01/25/1996  
 ELAP Cert: 1386  
 Page: 7

Ref: Shell 15275 Washington, San Leandro, CA/960111-21

## CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Flags	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected					
5030/8015-M/8020 Shell+MTBE								
Purgeable TPH	104.0	0.52	0.50		mg/L	01/19/1996	dld	3485
Benzene	91.6	4.58	5.00		ug/L	01/19/1996	dld	3485
Toluene	96.6	4.83	5.00		ug/L	01/19/1996	dld	3485
Ethylbenzene	93.8	4.69	5.00		ug/L	01/19/1996	dld	3485
Xylenes (Total)	97.3	14.6	15.0		ug/L	01/19/1996	dld	3485
Bromofluorobenzene (SURR)	105.0	105	100		% Rec.	01/19/1996	dld	3485
5030/8015-M/8020 Shell+MTBE								
Purgeable TPH	110.0	0.55	0.50		mg/L	01/23/1996	aal	3491
Benzene	107.2	5.36	5.00		ug/L	01/23/1996	aal	3491
Toluene	110.8	5.54	5.00		ug/L	01/23/1996	aal	3491
Ethylbenzene	98.2	4.91	5.00		ug/L	01/23/1996	aal	3491
Xylenes (Total)	104.0	15.6	15.0		ug/L	01/23/1996	aal	3491
Bromofluorobenzene (SURR)	99.0	99	100		% Rec.	01/23/1996	aal	3491

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: 96.00136-A

Date: 01/25/1996  
ELAP Cert: 1386  
Page: 8

Ref: Shell 15275 Washington, San Leandro, CA/960111-21

## METHOD BLANK REPORT

Parameter	Method	Reporting	Flags	Units	Date	Analyst	Run
	Blank						
5030/8015-M/8020 Shell+MTBE							
Purgeable TPH	ND	0.05		mg/L	01/19/1996	dld	3485
Benzene	ND	0.5		ug/L	01/19/1996	dld	3485
Toluene	ND	0.5		ug/L	01/19/1996	dld	3485
Ethylbenzene	ND	0.5		ug/L	01/19/1996	dld	3485
Xylenes (Total)	ND	0.5		ug/L	01/19/1996	dld	3485
Methyl-tert-butyl ether	ND	2		ug/L	01/19/1996	dld	3485
Bromofluorobenzene (SURRE)	100			% Rec.	01/19/1996	dld	3485
5030/8015-M/8020 Shell+MTBE							
Purgeable TPH	ND	0.05		mg/L	01/23/1996	aal	3491
Benzene	ND	0.5		ug/L	01/23/1996	aal	3491
Toluene	ND	0.5		ug/L	01/23/1996	aal	3491
Ethylbenzene	ND	0.5		ug/L	01/23/1996	aal	3491
Xylenes (Total)	ND	0.5		ug/L	01/23/1996	aal	3491
Methyl-tert-butyl ether	ND	2		ug/L	01/23/1996	aal	3491
Bromofluorobenzene (SURRE)	95			% Rec.	01/23/1996	aal	3491

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: 96.00136-A

Date: 01/25/1996  
 ELAP Cert: 1386  
 Page: 9

Ref: Shell 15275 Washington, San Leandro, CA/960111-21

## MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Matrix Spike				Date Analyzed	Run Batch	Sample Spiked	
	Spike % Rec.	Dup % Rec.	RPD	Spike Amount	Sample Conc.	Spike Conc.	Dup. Conc.	Flags				
5030/8015-M/8020 Shell+MTBE												258729
Purgeable TPH	102.0	102.0	0.0	0.50	ND	0.51	0.51		mg/L	01/19/1996	3485	258729
Benzene	94.6	91.8	3.0	7.93	ND	7.50	7.28		ug/L	01/19/1996	3485	258729
Toluene	95.8	94.3	1.6	26.5	ND	25.4	25.0		ug/L	01/19/1996	3485	258729
5030/8015-M/8020 Shell+MTBE												258743
Purgeable TPH	102.0	96.0	6.0	0.5	0.08	0.59	0.56		mg/L	01/23/1996	3491	258743
Benzene	86.9	84.8	2.4	9.03	0.6	8.45	8.26		ug/L	01/23/1996	3491	258743
Toluene	86.9	85.1	2.1	28.9	ND	25.1	24.6		ug/L	01/23/1996	3491	258743

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



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: 01/25/1996  
NET Client Acct. No: 1821  
NET Job No: 96.00136  
Received: 01/12/1996

Client Reference Information

Shell 15275 Washington, San Leandro, CA/960111-Z1

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. Results apply only to the samples analyzed. All positive results have been confirmed as required. 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 free to call me at (707) 541-2305.

Submitted by:

A handwritten signature in cursive script that reads "Ginger Brazlee". The signature is written in black ink and is positioned above a horizontal line.

Ginger Brazlee  
Project Coordinator

Enclosure(s)



Client Name: Blaine Tech Services  
Client Acct: 1821  
NET Job No: 96.00136

Date: 01/25/1996  
ELAP Cert: 1386  
Page: 2

Ref: Shell 15275 Washington, San Leandro, CA/960111-Z1

SAMPLE DESCRIPTION: S-1  
Date Taken: 01/11/1996  
Time Taken:  
NET Sample No: 258740

Parameter	Results	Flags	Reporting		Method	Date	Date	Run Batch No.
			Limit	Units		Extracted	Analyzed	
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	1						01/19/1996	3485
Purgeable TPH	ND		50	ug/L	8015		01/19/1996	3485
Carbon Range: C6 to C12	--				8015		01/19/1996	3485
8020 (GC, Liquid)	--				8020		01/19/1996	3485
Benzene	2.0		0.5	ug/L	8020		01/19/1996	3485
Toluene	ND		0.5	ug/L	8020		01/19/1996	3485
Ethylbenzene	ND		0.5	ug/L	8020		01/19/1996	3485
Xylenes (Total)	ND		0.5	ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--						01/19/1996	3485
Bromofluorobenzene (Surr)	98			% Rec.	8020		01/19/1996	3485

SAMPLE DESCRIPTION: S-3  
Date Taken: 01/11/1996  
Time Taken:  
NET Sample No: 258741

Parameter	Results	Flags	Reporting		Method	Date	Date	Run Batch No.
			Limit	Units		Extracted	Analyzed	
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	100						01/23/1996	3491
Purgeable TPH	16,000		5,000	ug/L	8015		01/23/1996	3491
Carbon Range: C6 to C12	--				8015		01/23/1996	3491
8020 (GC, Liquid)	--				8020		01/23/1996	3491
Benzene	520		50	ug/L	8020		01/23/1996	3491
Toluene	290		50	ug/L	8020		01/23/1996	3491
Ethylbenzene	740		50	ug/L	8020		01/23/1996	3491
Xylenes (Total)	2,600		50	ug/L	8020		01/23/1996	3491
SURROGATE RESULTS	--						01/23/1996	3491
Bromofluorobenzene (Surr)	97			% Rec.	8020		01/23/1996	3491

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

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Client Acct: 1821  
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SAMPLE DESCRIPTION: S-5  
Date Taken: 01/11/1996  
Time Taken:  
NET Sample No: 258742

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	100						01/23/1996	3491
Purgeable TPH	41,000		5,000	ug/L	8015		01/23/1996	3491
Carbon Range: C6 to C12	--				8015		01/23/1996	3491
8020 (GC, Liquid)	--				8020		01/23/1996	3491
Benzene	420		50	ug/L	8020		01/23/1996	3491
Toluene	180		50	ug/L	8020		01/23/1996	3491
Ethylbenzene	1,600		50	ug/L	8020		01/23/1996	3491
Xylenes (Total)	9,500		50	ug/L	8020		01/23/1996	3491
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	102			% Rec.	8020		01/23/1996	3491

SAMPLE DESCRIPTION: S-7  
Date Taken: 01/11/1996  
Time Taken:  
NET Sample No: 258743

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	1						01/23/1996	3491
Purgeable TPH	80		50	ug/L	8015		01/23/1996	3491
Carbon Range: C6 to C12	--				8015		01/23/1996	3491
8020 (GC, Liquid)	--				8020		01/23/1996	3491
Benzene	0.6		0.5	ug/L	8020		01/23/1996	3491
Toluene	ND		0.5	ug/L	8020		01/23/1996	3491
Ethylbenzene	ND		0.5	ug/L	8020		01/23/1996	3491
Xylenes (Total)	ND		0.5	ug/L	8020		01/23/1996	3491
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	99			% Rec.	8020		01/23/1996	3491

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: 96.00136

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SAMPLE DESCRIPTION: S-8

Date Taken: 01/11/1996

Time Taken:

NET Sample No: 258744

Parameter	Results	Flags	Reporting			Method	Date	Date	Run Batch No.
			Limit	Units	Extracted		Analyzed		
5030/8015-M/8020 Shell+MTBE									
DILUTION FACTOR*	1						01/19/1996	3485	
Purgeable TPH	400		50	ug/L	8015		01/19/1996	3485	
Carbon Range: C6 to C12	--				8015		01/19/1996	3485	
8020 (GC, Liquid)	--				8020		01/19/1996	3485	
Benzene	85	FC	5	ug/L	8020		01/23/1996	3491	
Toluene	1.1		0.5	ug/L	8020		01/19/1996	3485	
Ethylbenzene	13		0.5	ug/L	8020		01/19/1996	3485	
Xylenes (Total)	3.4		0.5	ug/L	8020		01/19/1996	3485	
SURROGATE RESULTS	--						01/19/1996	3485	
Bromofluorobenzene (SURR)	101			% Rec.	8020		01/19/1996	3485	

SAMPLE DESCRIPTION: S-9

Date Taken: 01/11/1996

Time Taken:

NET Sample No: 258745

Parameter	Results	Flags	Reporting			Method	Date	Date	Run Batch No.
			Limit	Units	Extracted		Analyzed		
5030/8015-M/8020 Shell+MTBE									
DILUTION FACTOR*	10						01/19/1996	3485	
Purgeable TPH	6,800		500	ug/L	8015		01/19/1996	3485	
Carbon Range: C6 to C12	--				8015		01/19/1996	3485	
8020 (GC, Liquid)	--				8020		01/19/1996	3485	
Benzene	1,100	FF	50	ug/L	8020		01/23/1996	3491	
Toluene	12		5	ug/L	8020		01/19/1996	3485	
Ethylbenzene	720	FF	50	ug/L	8020		01/23/1996	3491	
Xylenes (Total)	95		5	ug/L	8020		01/19/1996	3485	
SURROGATE RESULTS	--						01/19/1996	3485	
Bromofluorobenzene (SURR)	100			% Rec.	8020		01/19/1996	3485	

FC : Compound quantitated at a 10X dilution factor.  
FF : Compound quantitated at a 100X dilution factor.

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

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Client Acct: 1821  
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SAMPLE DESCRIPTION: S-10  
Date Taken: 01/11/1996  
Time Taken:  
NET Sample No: 258746

Parameter	Results	Flags	Reporting		Method	Date	Date	Run Batch No.
			Limit	Units		Extracted	Analyzed	
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	1						01/19/1996	3485
Purgeable TPH	ND		50	ug/L	8015		01/19/1996	3485
Carbon Range: C6 to C12	--				8015		01/19/1996	3485
8020 (GC, Liquid)	--				8020		01/19/1996	3485
Benzene	ND		0.5	ug/L	8020		01/19/1996	3485
Toluene	ND		0.5	ug/L	8020		01/19/1996	3485
Ethylbenzene	ND		0.5	ug/L	8020		01/19/1996	3485
Xylenes (Total)	ND		0.5	ug/L	8020		01/19/1996	3485
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	91			% Rec.	8020		01/19/1996	3485

SAMPLE DESCRIPTION: S-12  
Date Taken: 01/11/1996  
Time Taken:  
NET Sample No: 258747

Parameter	Results	Flags	Reporting		Method	Date	Date	Run Batch No.
			Limit	Units		Extracted	Analyzed	
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	1						01/19/1996	3485
Purgeable TPH	ND		50	ug/L	8015		01/19/1996	3485
Carbon Range: C6 to C12	--				8015		01/19/1996	3485
8020 (GC, Liquid)	--				8020		01/19/1996	3485
Benzene	ND		0.5	ug/L	8020		01/19/1996	3485
Toluene	ND		0.5	ug/L	8020		01/19/1996	3485
Ethylbenzene	ND		0.5	ug/L	8020		01/19/1996	3485
Xylenes (Total)	ND		0.5	ug/L	8020		01/19/1996	3485
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	98			% Rec.	8020		01/19/1996	3485

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  
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Ref: Shell 15275 Washington, San Leandro, CA/960111-21

SAMPLE DESCRIPTION: S-15  
 Date Taken: 01/11/1996  
 Time Taken:  
 NET Sample No: 258748

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
5030/8015-M/8020 Shell+MTBE									
DILUTION FACTOR*	1							01/19/1996	3485
Purgeable TPH	ND		50		ug/L	8015		01/19/1996	3485
Carbon Range: C6 to C12	--					8015		01/19/1996	3485
8020 (GC, Liquid)	--					8020		01/19/1996	3485
Benzene	ND		0.5		ug/L	8020		01/19/1996	3485
Toluene	ND		0.5		ug/L	8020		01/19/1996	3485
Ethylbenzene	ND		0.5		ug/L	8020		01/19/1996	3485
Xylenes (Total)	ND		0.5		ug/L	8020		01/19/1996	3485
SURROGATE RESULTS									
Bromofluorobenzene (SURR)	98				% Rec.	8020		01/19/1996	3485

SAMPLE DESCRIPTION: S-16  
 Date Taken: 01/11/1996  
 Time Taken:  
 NET Sample No: 258749

Parameter	Results	Flags	Reporting		Units	Method	Date	Date	Run
			Limit				Extracted	Analyzed	Batch
5030/8015-M/8020 Shell+MTBE									
DILUTION FACTOR*	1							01/19/1996	3485
Purgeable TPH	80		50		ug/L	8015		01/19/1996	3485
Carbon Range: C6 to C12	--					8015		01/19/1996	3485
8020 (GC, Liquid)	--					8020		01/19/1996	3485
Benzene	17		0.5		ug/L	8020		01/19/1996	3485
Toluene	0.7		0.5		ug/L	8020		01/19/1996	3485
Ethylbenzene	ND		0.5		ug/L	8020		01/19/1996	3485
Xylenes (Total)	2.9		0.5		ug/L	8020		01/19/1996	3485
SURROGATE RESULTS									
Bromofluorobenzene (SURR)	98				% Rec.	8020		01/19/1996	3485

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

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Client Acct: 1821  
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Ref: Shell 15275 Washington, San Leandro, CA/960111-Z1

SAMPLE DESCRIPTION: S-18  
Date Taken: 01/11/1996  
Time Taken:  
NET Sample No: 258750

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch No.
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	1						01/19/1996	3485
Purgeable TPH	ND		50	ug/L	8015		01/19/1996	3485
Carbon Range: C6 to C12	--				8015		01/19/1996	3485
8020 (GC, Liquid)	--				8020		01/19/1996	3485
Benzene	ND		0.5	ug/L	8020		01/19/1996	3485
Toluene	ND		0.5	ug/L	8020		01/19/1996	3485
Ethylbenzene	ND		0.5	ug/L	8020		01/19/1996	3485
Xylenes (Total)	ND		0.5	ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--						01/19/1996	3485
Bromofluorobenzene (SURR)	98			% Rec.	8020		01/19/1996	3485

SAMPLE DESCRIPTION: EB  
Date Taken: 01/11/1996  
Time Taken:  
NET Sample No: 258751

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch No.
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	1						01/19/1996	3485
Purgeable TPH	ND		50	ug/L	8015		01/19/1996	3485
Carbon Range: C6 to C12	--				8015		01/19/1996	3485
8020 (GC, Liquid)	--				8020		01/19/1996	3485
Benzene	ND		0.5	ug/L	8020		01/19/1996	3485
Toluene	ND		0.5	ug/L	8020		01/19/1996	3485
Ethylbenzene	ND		0.5	ug/L	8020		01/19/1996	3485
Xylenes (Total)	ND		0.5	ug/L	8020		01/19/1996	3485
SURROGATE RESULTS	--						01/19/1996	3485
Bromofluorobenzene (SURR)	97			% Rec.	8020		01/19/1996	3485

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: 96.00136

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Ref: Shell 15275 Washington, San Leandro, CA/960111-21

SAMPLE DESCRIPTION: DUP

Date Taken: 01/11/1996

Time Taken:

NET Sample No: 258752

Parameter	Results	Flags	Reporting		Method	Date	Date	Run Batch No.
			Limit	Units		Extracted	Analyzed	
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	10						01/23/1996	3491
Purgeable TPH	17,000		500	ug/L	8015		01/23/1996	3491
Carbon Range: C6 to C12	--				8015		01/23/1996	3491
8020 (GC, Liquid)	--				8020		01/23/1996	3491
Benzene	420	FF	50	ug/L	8020		01/23/1996	3491
Toluene	180	FF	50	ug/L	8020		01/23/1996	3491
Ethylbenzene	1,100	FF	50	ug/L	8020		01/23/1996	3491
Xylenes (Total)	4,000	FF	50	ug/L	8020		01/23/1996	3491
SURROGATE RESULTS	--						01/23/1996	3491
Bromofluorobenzene (SURR)	99			% Rec.	8020		01/23/1996	3491

SAMPLE DESCRIPTION: SR-1

Date Taken: 01/11/1996

Time Taken:

NET Sample No: 258753

Parameter	Results	Flags	Reporting		Method	Date	Date	Run Batch No.
			Limit	Units		Extracted	Analyzed	
5030/8015-M/8020 Shell+MTBE								
DILUTION FACTOR*	10						01/23/1996	3491
Purgeable TPH	18,000		500	ug/L	8015		01/23/1996	3491
Carbon Range: C6 to C12	--				8015		01/23/1996	3491
8020 (GC, Liquid)	--				8020		01/23/1996	3491
Benzene	410	FF	50	ug/L	8020		01/23/1996	3491
Toluene	170	FF	50	ug/L	8020		01/23/1996	3491
Ethylbenzene	1,200	FF	50	ug/L	8020		01/23/1996	3491
Xylenes (Total)	4,400	FF	50	ug/L	8020		01/23/1996	3491
SURROGATE RESULTS	--						01/23/1996	3491
Bromofluorobenzene (SURR)	102			% Rec.	8020		01/23/1996	3491

FF : Compound quantitated at a 100X 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  
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## CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Flags	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected					
5030/8015-M/8020 Shell+MTBE								
Purgeable TPH	104.0	0.52	0.50		mg/L	01/19/1996	dld	3485
Benzene	91.6	4.58	5.00		ug/L	01/19/1996	dld	3485
Toluene	96.6	4.83	5.00		ug/L	01/19/1996	dld	3485
Ethylbenzene	93.8	4.69	5.00		ug/L	01/19/1996	dld	3485
Xylenes (Total)	97.3	14.6	15.0		ug/L	01/19/1996	dld	3485
Bromofluorobenzene (SURR)	105.0	105	100		% Rec.	01/19/1996	dld	3485
5030/8015-M/8020 Shell+MTBE								
Purgeable TPH	110.0	0.55	0.50		mg/L	01/23/1996	aal	3491
Benzene	107.2	5.36	5.00		ug/L	01/23/1996	aal	3491
Toluene	110.8	5.54	5.00		ug/L	01/23/1996	aal	3491
Ethylbenzene	98.2	4.91	5.00		ug/L	01/23/1996	aal	3491
Xylenes (Total)	104.0	15.6	15.0		ug/L	01/23/1996	aal	3491
Bromofluorobenzene (SURR)	99.0	99	100		% Rec.	01/23/1996	aal	3491

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: 96.00136

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## METHOD BLANK REPORT

Parameter	Method	Reporting			Date	Analyst	Run
	Blank	Amount	Limit	Flags	Units	Analyzed	Batch
	Found					Initials	Number
5030/8015-M/8020 Shell+MTBE							
Purgeable TPH	ND	0.05			mg/L	01/19/1996	dld 3485
Benzene	ND	0.5			ug/L	01/19/1996	dld 3485
Toluene	ND	0.5			ug/L	01/19/1996	dld 3485
Ethylbenzene	ND	0.5			ug/L	01/19/1996	dld 3485
Xylenes (Total)	ND	0.5			ug/L	01/19/1996	dld 3485
Bromofluorobenzene (SURR)	100				% Rec.	01/19/1996	dld 3485
5030/8015-M/8020 Shell+MTBE							
Purgeable TPH	ND	0.05			mg/L	01/23/1996	aal 3491
Benzene	ND	0.5			ug/L	01/23/1996	aal 3491
Toluene	ND	0.5			ug/L	01/23/1996	aal 3491
Ethylbenzene	ND	0.5			ug/L	01/23/1996	aal 3491
Xylenes (Total)	ND	0.5			ug/L	01/23/1996	aal 3491
Bromofluorobenzene (SURR)	95				% Rec.	01/23/1996	aal 3491

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: 96.00136

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## MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Matrix Spike				Date Analyzed	Run Batch	Sample Spiked	
	Matrix Spike % Rec.	Spike Dup % Rec.	RPD	Spike Amount	Sample Conc.	Matrix Spike Conc.	Spike Dup. Conc.	Flags				Units
5030/8015-M/8020 Shell+MTBE												258729
Purgeable TPH	102.0	102.0	0.0	0.50	ND	0.51	0.51		mg/L	01/19/1996	3485	258729
Benzene	94.6	91.8	3.0	7.93	ND	7.50	7.28		ug/L	01/19/1996	3485	258729
Toluene	95.8	94.3	1.6	26.5	ND	25.4	25.0		ug/L	01/19/1996	3485	258729
5030/8015-M/8020 Shell+MTBE												258743
Purgeable TPH	102.0	96.0	6.0	0.5	0.08	0.59	0.56		mg/L	01/23/1996	3491	258743
Benzene	86.9	84.8	2.4	9.03	0.6	8.45	8.26		ug/L	01/23/1996	3491	258743
Toluene	86.9	85.1	2.1	28.9	ND	25.1	24.6		ug/L	01/23/1996	3491	258743

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





## 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,  $100 \text{ [Value 1 - Value 2] / mean value}$ .
- 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: 960111-21 Log No: 98102  
Cooler received on: 1/12/96 and checked on 1/12/96 by Sam Greene  
(signature) Sam Greene

- 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
- 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

Temp 6°

Note which voas (if any) had bubbles:\*

Sample descriptor:	Number of vials:
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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)