enviros

June 13, 1995

Mr. Lynn Walker
Shell Oil Company
P.O. Box 4023
Concord, California 94524

RE: **Quarterly Monitoring Report - Second Quarter 1995**
Former Shell Service Station
15275 Washington Avenue
San Leandro, California
WIC #204-6852-1008

Dear Mr. Walker:

This Quarterly Monitoring Report describes the recently completed activities associated with groundwater monitoring and sampling at the referenced site (Plate 1). 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 second quarter of 1995 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 April 14, 1995. Groundwater samples were collected from Wells S-3, S-6, S-8 through S-12, S-14, 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 3). Groundwater flow is primarily to the south/southeast, with some minor flow variations on and off site. The hydraulic gradient was calculated to be approximately 0.01.

- Analysis of groundwater samples indicated that TPH-G was present at levels ranging from ND to 43,000 ppb. Benzene concentrations ranged from ND to 1000 ppb. A benzene concentration map is presented on Plate 4.

Enviros, Inc. 270 Perkins Street P.O. Box 259 Sonoma, California 95476-0259 Tel 707 / 935-4850 Fax 707 / 935-6649

Second Quarter Sampling

Monitoring Wells S-3, S-6, S-8 through S-12, S-14, 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) according to EPA Method 8020. Additionally, a duplicate sample, a trip blank, and a rinsate blank were prepared and analyzed for quality control purposes.

Field monitoring data are summarized in Table 2. The second quarter 1995 chemical analytical data for TPH-G and BTEX have been included in the Historical Groundwater Quality Database (Table 3). The Blaine Tech Second Quarter 1995 Groundwater Monitoring Data Report is presented in Appendix A.

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

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

Sincerely,

Enviros, Inc.

Joe Neely
Project Geologist

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

Attachments

Table 1. Field Monitoring Data
Table 2. Historical Groundwater Quality Database

Plate 1. Vicinity Map
Plate 2. Site Plan
Plate 3. Groundwater Contour Map
Plate 4. 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

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
S-1	22-Nov-88	3.0	21.55	8.01	0.00	13.54
	10-Aug-89			7.93	0.00	13.62
	10-Oct-89			8.09	0.00	13.46
	25-Jan-90			7.73	0.00	13.82
	18-Apr-90			7.91	0.00	13.64
	23-Jul-90			7.72	0.00	13.83
	18-Oct-90			8.55	0.00	13.00
	28-Jan-91			8.52	0.00	13.03
	25-Apr-91			7.18	0.00	14.37
	9-Jul-91			8.22	0.00	13.33
	8-Oct-91			8.70	0.00	12.85
	5-Feb-91			8.14	0.00	13.41
	28-Apr-92			7.52	0.00	14.03
	27-Jul-92			8.28	0.00	13.27
	26-Oct-92			8.74	0.00	12.81
	13-Jan-93			5.91	0.00	15.64
	16-Apr-93			6.66	0.00	14.89
	23-Jul-93			7.53	0.00	14.02
	27-Oct-93			8.20	0.00	13.35
	27-Jan-94			7.26	0.00	14.29
	5-May-94		21.27*	7.38	0.00	13.89
	26-Jul-94			7.86	0.00	13.41
	28-Oct-94			7.86	0.00	13.41
	2-Jan-95			6.85	0.00	14.42
	14-Apr-95			6.08	0.00	15.19
S-3	22-Nov-88	3.0	21.14	7.76	0.00	13.38
	10-Aug-89			7.92	0.00	13.22
	10-Oct-89			8.00	0.00	13.14
	25-Jan-90			7.54	0.00	13.60
	18-Apr-90			7.74	0.00	13.40
	23-Jul-90			7.55	0.00	13.59
	18-Oct-90			8.47	0.00	12.67
	28-Jan-91			8.38	0.00	12.76
	25-Apr-91			6.91	0.00	14.23
	9-Jul-91			8.07	0.00	13.07
	8-Oct-91			8.61	0.00	12.53
	5-Feb-91			7.80	0.00	13.34
	28-Apr-92			7.27	0.00	13.87
	27-Jul-92			8.10	0.00	13.04
	26-Oct-92			8.62	0.00	12.52
	13-Jan-93			5.16	0.00	15.98
	16-Apr-93			7.18	0.00	13.96
	23-Jul-93			7.34	0.00	13.80
	27-Oct-93			8.03	0.00	13.11
	27-Jan-94			6.79	0.00	14.35
	5-May-94		20.48*	6.75	0.00	13.73
	26-Jul-94			7.30	0.00	13.18
	28-Oct-94			8.36	0.00	12.12
	2-Jan-95			6.36	0.00	14.12
	14-Apr-95			5.87	0.00	14.61

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
S-5	10-Aug-89	4.0	21.41	8.28	0.00	13.13
	10-Oct-89			8.32	0.00	13.09
	25-Jan-90			8.20	0.00	13.21
	18-Apr-90			8.32	0.00	13.09
	23-Jul-90			8.03	0.00	13.38
	18-Oct-90			9.03	0.00	12.38
	28-Jan-91			8.80	0.00	12.61
	25-Apr-91			7.40	0.00	14.01
	9-Jul-91			8.52	0.00	12.89
	8-Oct-91			9.00	0.00	12.41
	5-Feb-92			8.11	0.00	13.30
	28-Apr-92			7.70	0.00	13.71
	27-Jul-92			8.52	0.00	12.89
	26-Oct-92			9.02	0.00	12.39
	13-Jan-93			5.22	0.00	16.19
	16-Apr-93			7.04	0.00	14.37
	23-Jul-93			7.75	0.00	13.66
	27-Oct-93			8.49	0.00	12.92
	27-Jan-94			7.04	0.00	14.37
	5-May-94		21.03*	7.20	0.00	13.83
	27-Jul-94			7.72	0.00	13.31
	28-Oct-94			7.82	0.00	13.21
	2-Jan-95			6.65	0.00	14.38
	14-Apr-95			5.99	0.00	15.04
S-6	22-Nov-88	3.0	22.02	8.58	0.00	13.44
	10-Aug-89			8.54	0.00	13.48
	10-Oct-89			8.58	0.00	13.44
	25-Jan-90			8.31	0.00	13.71
	18-Apr-90			8.43	0.00	13.59
	23-Jul-90			8.24	0.00	13.78
	18-Oct-90			9.20	0.00	12.82
	28-Jan-91			9.10	0.00	12.92
	25-Apr-91			7.74	0.00	14.28
	9-Jul-91			8.81	0.00	13.21
	8-Oct-91			9.26	0.00	12.76
	5-Feb-92			8.47	0.00	13.55
	28-Apr-92			7.91	0.00	14.11
	27-Jul-92			8.83	0.00	13.19
	26-Oct-92			9.29	0.00	12.73
	13-Jan-93			9.43	0.00	12.59
	16-Apr-93			7.12	0.00	14.90
	23-Jul-93			8.14	0.00	13.88
	27-Oct-93			8.75	0.00	13.27
	27-Jan-94			7.87	0.00	14.15
	5-May-94		21.40*	7.71	0.00	13.69
	26-Jul-94			8.10	0.00	13.30
	28-Oct-94			8.04	0.00	13.36
	2-Jan-95			7.07	0.00	14.33
	14-Apr-95			6.29	0.00	15.11

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FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
S-7	22-Nov-88	3.0	21.47	8.24	0.00	13.23
	10-Aug-89			8.18	0.00	13.29
	10-Oct-89			8.35	0.00	13.12
	25-Jan-90			7.95	0.00	13.52
	18-Apr-90			8.06	0.00	13.41
	23-Jul-90			7.89	0.00	13.58
	18-Oct-90			8.83	0.00	12.64
	28-Jan-91			8.77	0.00	12.70
	25-Apr-91			7.25	0.00	14.22
	9-Jul-91			8.41	0.00	13.06
	8-Oct-91			8.95	0.00	12.52
	5-Feb-92			8.04	0.00	13.43
	28-Apr-92			7.45	0.00	14.02
	27-Jul-92			8.48	0.00	12.99
	26-Oct-92			9.95	0.00	11.52
	13-Jan-93			5.84	0.00	15.63
	16-Apr-93			6.38	0.00	15.09
	23-Jul-93			7.72	0.00	13.75
	27-Oct-93			7.79	0.00	13.68
	27-Jan-94			7.85	0.00	13.62
	5-May-94		20.85*	9.45	0.00	11.40
	26-Jul-94			7.64	0.00	13.21
	28-Oct-94			7.68	0.00	13.17
	2-Jan-95			6.95	0.00	13.90
	14-Apr-95			5.82	0.00	15.03
S-8	22-Nov-88	3.0	20.72	7.76	0.00	12.96
	10-Aug-89			7.79	0.00	12.93
	10-Oct-89			7.84	0.00	12.88
	25-Jan-90			7.47	0.00	13.25
	18-Apr-90			7.59	0.00	13.13
	23-Jul-90			7.49	0.00	13.23
	18-Oct-90			8.44	0.00	12.28
	28-Jan-91			8.28	0.00	12.44
	25-Apr-91			6.72	0.00	14.00
	9-Jul-91			7.98	0.00	12.74
	8-Oct-91			8.55	0.00	12.17
	5-Feb-91			7.50	0.00	13.22
	28-Apr-92			7.14	0.00	13.58
	27-Jul-92			8.06	0.00	12.66
	26-Oct-92			8.58	0.00	12.14
	13-Jan-93			5.32	0.00	15.40
	16-Apr-93			5.76	0.00	14.96
	23-Jul-93			7.29	0.00	13.43
	27-Oct-93			7.93	0.00	12.79
	27-Jan-94			6.31	0.00	14.41
	5-May-94		20.32*	6.84	0.00	13.48
	26-Jul-94			7.42	0.00	12.90
	28-Oct-94			7.56	0.00	12.76
	2-Jan-95			6.19	0.00	14.13
	14-Apr-95			5.54	0.00	14.78

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WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
S-9	22-Nov-88	3.0	20.96	7.78	0.00	13.18
	10-Aug-89			7.82	0.00	13.14
	10-Oct-89			7.87	0.00	13.09
	25-Jan-90			7.41	0.00	13.55
	18-Apr-90			7.65	0.00	13.31
	23-Jul-90			7.58	0.00	13.38
	18-Oct-90			8.46	0.00	12.50
	28-Jan-91			8.29	0.00	12.67
	25-Apr-91			6.09	0.00	14.87
	9-Jul-91			7.82	0.00	13.14
	8-Oct-91			8.55	0.00	12.41
	5-Feb-91			6.96	0.00	14.00
	28-Apr-92			6.76	0.00	14.20
	27-Jul-92			8.10	0.00	12.86
	26-Oct-92			8.53	0.00	12.43
	13-Jan-93			6.80	0.00	14.16
	16-Apr-93			6.28	0.00	14.68
	23-Jul-93			7.26	0.00	13.70
	27-Oct-93			8.00	0.00	12.96
	27-Jan-94			5.96	0.00	15.00
	5-May-94		20.68*	6.99	0.00	13.69
	26-Jul-94			7.56	0.00	13.12
	28-Oct-94			7.78	0.00	12.90
	2-Jan-95			6.29	0.00	14.39
	14-Apr-95			5.69	0.00	14.99
S-10	22-Nov-88	3.0	20.69	7.91	0.00	12.78
	10-Aug-89			7.94	0.00	12.75
	10-Oct-89			7.99	0.00	12.70
	25-Jan-90			7.56	0.00	13.13
	18-Apr-90			7.71	0.00	12.98
	23-Jul-90			7.64	0.00	13.05
	18-Oct-90			8.58	0.00	12.11
	28-Jan-91			8.35	0.00	12.34
	25-Apr-91			6.91	0.00	13.78
	9-Jul-91			8.14	0.00	12.55
	8-Oct-91			8.70	0.00	11.99
	5-Feb-91			7.57	0.00	13.12
	28-Apr-92			7.20	0.00	13.49
	27-Jul-92			8.17	0.00	12.52
	26-Oct-92			8.68	0.00	12.01
	13-Jan-93			3.78	0.00	16.91
	16-Apr-93			6.46	0.00	14.23
	23-Jul-93			7.38	0.00	13.31
	27-Oct-93			8.09	0.00	12.60
	27-Jan-94			5.81	0.00	14.88
	5-May-94		20.15*	6.82	0.00	13.33
	26-Jul-94			7.40	0.00	12.75
	28-Oct-94			7.62	0.00	12.53
	2-Jan-95			6.13	0.00	14.02
	14-Apr-95			5.60	0.00	14.55

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WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
S-11	22-Nov-88	3.0	21.26	8.62	0.00	12.64
	10-Aug-89			8.65	0.00	12.61
	10-Oct-89			8.64	0.00	12.62
	25-Jan-90			8.43	0.00	12.83
	18-Apr-90			8.42	0.00	12.84
	23-Jul-90			8.23	0.00	13.03
	18-Oct-90			9.20	0.00	12.06
	28-Jan-91			9.13	0.00	12.13
	25-Apr-91			7.53	0.00	13.73
	9-Jul-91			8.85	0.00	12.41
	8-Oct-91			9.34	0.00	11.92
	5-Feb-91			8.50	0.00	12.76
	28-Apr-92			7.80	0.00	13.46
	27-Jul-92			8.80	0.00	12.46
	26-Oct-92			9.42	0.00	11.84
	13-Jan-93			6.52	0.00	14.74
	16-Apr-93			6.86	0.00	14.40
	23-Jul-93			8.07	0.00	13.19
	27-Oct-93			NM	NM	NM
	27-Jan-94			NM	NM	NM
	5-May-94		21.24*	7.73	0.00	13.51
	26-Jul-94			8.30	0.00	12.94
	28-Oct-94			8.30	0.00	12.94
	2-Jan-95			7.25	0.00	13.99
	14-Apr-95			6.99	0.00	14.25
S-12	10-Aug-89	3.0	21.05	8.32	0.00	12.73
	10-Oct-89			8.32	0.00	12.73
	25-Jan-90			8.18	0.00	12.87
	18-Apr-90			8.05	0.00	13.00
	23-Jul-90			7.92	0.00	13.13
	18-Oct-90			8.90	0.00	12.15
	28-Jan-91			8.54	0.00	12.51
	25-Apr-91			7.08	0.00	13.97
	9-Jul-91			8.42	0.00	12.63
	8-Oct-91			8.80	0.00	12.25
	5-Feb-92			8.07	0.00	12.98
	28-Apr-92			8.33	0.00	12.72
	27-Jul-92			8.55	0.00	12.50
	26-Oct-92			9.03	0.00	12.02
	13-Jan-93			6.38	0.00	14.67
	16-Apr-93			6.56	0.00	14.49
	23-Jul-93			7.76	0.00	13.29
	27-Oct-93			NM	NM	NM
	27-Jan-94			NM	NM	NM
	5-May-94		20.71*	7.49	0.00	13.22
	26-Jul-94			7.92	0.00	12.79
	28-Oct-94			7.78	0.00	12.93
	2-Jan-95			7.33	0.00	13.38
	14-Apr-95			6.47	0.00	14.24

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15275 WASHINGTON
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WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
S-13	10-Aug-89	3.0	20.57	8.00	0.00	12.57
	10-Oct-89			7.95	0.00	12.62
	25-Jan-90			7.79	0.00	12.78
	18-Apr-90			7.73	0.00	12.84
	23-Jul-90			7.63	0.00	12.94
	18-Oct-90			8.58	0.00	11.99
	28-Jan-91			8.39	0.00	12.18
	25-Apr-91			7.00	0.00	13.57
	9-Jul-91			8.12	0.00	12.45
	8-Oct-91			8.69	0.00	11.88
	5-Feb-92			7.62	0.00	12.95
	28-Apr-92			7.15	0.00	13.42
	27-Jul-92			8.20	0.00	12.37
	26-Oct-92			8.73	0.00	11.84
	13-Jan-93			5.06	0.00	15.51
	16-Apr-93			6.38	0.00	14.19
	23-Jul-93			7.45	0.00	13.12
	27-Oct-93			NM	NM	NM
	27-Jan-94			NM	NM	NM
	5-May-94		20.16*	6.91	0.00	13.25
	26-Jul-94			7.52	0.00	12.64
	28-Oct-94			7.68	0.00	12.48
	2-Jan-95			6.37	0.00	13.79
	14-Apr-95			5.81	0.00	14.35
S-14	10-Aug-89	3.0	20.44	7.58	0.00	12.86
	10-Oct-89			7.62	0.00	12.82
	25-Jan-90			7.82	0.00	12.62
	18-Apr-90			7.37	0.00	13.07
	23-Jul-90			7.28	0.00	13.16
	18-Oct-90			8.10	0.00	12.34
	28-Jan-91			8.04	0.00	12.40
	25-Apr-91			6.40	0.00	14.04
	9-Jul-91			7.69	0.00	12.75
	8-Oct-91			8.24	0.00	12.20
	5-Feb-92			7.20	0.00	13.24
	28-Apr-92			9.75	0.00	10.69
	27-Jul-92			7.64	0.00	12.80
	26-Oct-92			8.32	0.00	12.12
	13-Jan-93			5.07	0.00	15.37
	16-Apr-93			5.86	0.00	14.58
	23-Jul-93			7.06	0.00	13.38
	27-Oct-93			NM	NM	NM
	27-Jan-94			NM	NM	NM
	5-May-94		19.99*	6.48	0.00	13.51
	26-Jul-94			7.04	0.00	12.95
	28-Oct-94			7.07	0.00	12.92
	2-Jan-95			5.95	0.00	14.04
	14-Apr-95			5.22	0.00	14.77

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WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
S-15	10-Aug-89	3.0	22.22	8.48	0.00	13.74
	10-Oct-89			8.46	0.00	13.76
	25-Jan-90			8.34	0.00	13.88
	18-Apr-90			8.45	0.00	13.77
	23-Jul-90			8.22	0.00	14.00
	18-Oct-90			9.11	0.00	13.11
	28-Jan-91			9.13	0.00	13.09
	25-Apr-91			7.83	0.00	14.39
	9-Jul-91			8.93	0.00	13.29
	8-Oct-91			9.26	0.00	12.96
	5-Feb-92			8.60	0.00	13.62
	28-Apr-92			8.09	0.00	14.13
	27-Jul-92			8.83	0.00	13.39
	26-Oct-92			9.31	0.00	12.91
	13-Jan-93			6.64	0.00	15.58
	16-Apr-93			7.14	0.00	15.08
	23-Jul-93			8.23	0.00	13.99
	27-Oct-93			NM	NM	NM
	27-Jan-94			NM	NM	NM
	5-May-94		21.42*	7.57	0.00	13.85
	26-Jul-94			8.16	0.00	13.26
	28-Oct-94			7.87	0.00	13.55
	2-Jan-95			7.02	0.00	14.40
	14-Apr-95			6.19	0.00	15.23
S-16	10-Aug-89	3.0	21.82	8.36	0.00	13.46
	10-Oct-89			8.23	0.00	13.59
	25-Jan-90			7.88	0.00	13.94
	18-Apr-90			8.19	0.00	13.63
	23-Jul-90			8.09	0.00	13.73
	18-Oct-90			8.90	0.00	12.92
	28-Jan-91			8.55	0.00	13.27
	25-Apr-91			7.48	0.00	14.34
	9-Jul-91			8.48	0.00	13.34
	8-Oct-91			8.95	0.00	12.87
	5-Feb-92			8.20	0.00	13.62
	28-Apr-92			7.80	0.00	14.02
	27-Jul-92			8.29	0.00	13.53
	26-Oct-92			9.02	0.00	12.80
	13-Jan-93			5.78	0.00	16.04
	16-Apr-93			6.80	0.00	15.02
	23-Jul-93			7.67	0.00	14.15
	27-Oct-93			8.52	NM	13.30
	27-Jan-94			7.20	NM	14.62
	5-May-94		21.24*	7.76	0.00	13.48
	26-Jul-94			7.84	0.00	13.40
	28-Oct-94			7.97	0.00	13.27
	2-Jan-95			6.49	0.00	14.75
	14-Apr-95			6.08	0.00	15.16

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
S-17	10-Aug-89	3.0	20.95	8.13	0.00	12.82
	10-Oct-89			8.18	0.00	12.77
	25-Jan-90			7.60	0.00	13.35
	18-Apr-90			7.95	0.00	13.00
	23-Jul-90			7.87	0.00	13.08
	18-Oct-90			8.71	0.00	12.24
	28-Jan-91			8.54	0.00	12.41
	25-Apr-91			7.15	0.00	13.80
	9-Jul-91			8.24	0.00	12.71
	8-Oct-91			8.86	0.00	12.09
	5-Feb-92			7.74	0.00	13.21
	28-Apr-92			7.41	0.00	13.54
	27-Jul-92			8.34	0.00	12.61
	26-Oct-92			8.87	0.00	12.08
	13-Jan-93			3.43	0.00	17.52
	16-Apr-93			6.70	0.00	14.25
	23-Jul-93			7.53	0.00	13.42
	27-Oct-93			8.29	0.00	12.66
	27-Jan-94			5.78	0.00	15.17
	5-May-94		20.45*	6.99	0.00	13.46
	26-Jul-94			7.62	0.00	12.83
	28-Oct-94			7.91	0.00	12.54
	2-Jan-95			6.33	0.00	14.12
	14-Apr-95			5.53	0.00	14.92
S-18	25-Apr-91	3.0	21.03	NM	NM	NM
	9-Jul-91			8.23	0.00	12.80
	8-Oct-91			8.84	0.00	12.19
	5-Feb-92			7.67	0.00	13.36
	28-Apr-92			7.40	0.00	13.63
	27-Jul-92			8.38	0.00	12.65
	26-Oct-92			8.83	0.00	12.20
	13-Jan-93			5.86	0.00	15.17
	16-Apr-93			4.88	0.00	16.15
	23-Jul-93			7.56	0.00	13.47
	27-Oct-93			8.30	0.00	12.73
	27-Jan-94			6.84	0.00	14.19
	5-May-94		20.57*	7.05	0.00	13.52
	26-Jul-94			7.62	0.00	12.95
	28-Oct-94			8.01	0.00	12.56
	2-Jan-95			6.26	0.00	14.31
	14-Apr-95			4.85	0.00	15.72
SR-1	25-Jan-90	6.0	21.45	7.53	0.00	13.92
	18-Apr-90			8.17	0.00	13.28
	23-Jul-90			7.58	0.00	13.87
	18-Oct-90			8.81	0.00	12.64
	28-Jan-91			8.37	0.00	13.08
	25-Apr-91			6.91	0.00	14.54
	9-Jul-91			8.11	0.00	13.34
	8-Oct-91			8.63	0.00	12.82
	5-Feb-92			7.68	0.00	13.77

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

WELL NO.	MONT. DATE	CASING DIA. (IN.)	WELL ELEV. (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (FT.)	WATER ELEV. (FT.)
SR-1(CONT.)	28-Apr-92			7.27	0.00	14.18
	27-Jul-92			8.11	0.01	13.34
	26-Oct-92			8.63	0.00	12.82
	13-Jan-93			5.46	0.00	15.99
	16-Apr-93			6.28	0.00	15.17
	23-Jul-93			7.34	0.00	14.11
	27-Oct-93			8.04	0.00	13.41
	27-Jan-94			6.68	0.00	14.77
	5-May-94		20.57*	6.81	0.00	13.76
	26-Jul-94			7.38	0.00	13.19
	28-Oct-94			7.48	0.00	13.09
	2-Jan-95			6.34	0.00	14.23
	14-Apr-95			5.29	0.00	15.28

NOTES:
Elevations referenced to Mean Sea Level
NM = not measured
* Top of casing elevation surveyed by L. Wade Hammond on 5/31/94

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-1	8-Jul-85	520	NA	NA	NA	NA
	6-Sep-88	<50	<0.5	<1	<1	<0.3
	16-Nov-88	<50	<0.5	<1	<1	<0.3
	27-Feb-89	<50	0.5	<1	<1	<0.3
	4-May-89	<50	1	<1	<1	<0.3
	10-Aug-89	<50	0.7	<1	<1	<0.3
	10-Oct-89	<50	<0.5	<1	<1	<0.3
	25-Jan-90	<50	<0.5	<0.5	<0.5	<1
	18-Apr-90	<50	<0.5	<0.5	<0.5	<1
	23-Jul-90	<50	<0.5	<0.5	<0.5	<0.5
	18-Oct-90	80	5	<0.5	<0.5	3
	28-Jan-91	<50	4.5	<0.5	<0.5	2
	25-Apr-91	80*	3.7	<0.5	0.7	2
	9-Jul-91	200	16	<0.5	1.3	5.8
	8-Oct-91	<50	2.3	<0.5	<0.5	<0.5
	5-Feb-92	160	8.9	<0.5	2.1	6
	28-Apr-92	<50	2.4	<0.5	<0.5	0.9
	27-Jul-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	57	3	1.6	1.4	1.7
	14-Jan-93	490	53	1.2	20	33
	16-Apr-93	240	20	<0.5	15	240
	23-Jul-93	<50	0.5	<0.5	<0.5	<0.5
	27-Oct-93	60	5.9	<0.5	2.5	1.7
	27-Jan-94	<50	2.1	<0.5	<0.5	0.63
	5-May-94	57	3.9	<0.5	1.9	1.9
	26-Jul-94	<50	2.2	<0.3	<0.3	<0.6
	28-Oct-94	<50	0.8	<0.3	<0.3	0.8
	2-Jan-95	<50	<0.5	<0.5	<0.5	<0.5
S-3	6-Sep-88	96000	3400	9500	2700	17000
	16-Nov-88	70000	4600	8400	2500	13000
	27-Feb-89	32000	2400	3100	1500	6400
	4-May-89	47000	4400	300	2400	15000
	10-Aug-89	110000	5700	5700	3200	19000
	10-Oct-89	52000	4600	3300	2600	15000
	25-Jan-90	420000	5200	4100	6700	34000
	18-Apr-90	58000	3800	1400	2400	12000
	23-Jul-90	49000	3400	1800	2300	12000
	18-Oct-90	44000	3500	650	2400	11000
	28-Jan-91	64000	40900	570	1940	8090
	25-Apr-91	120000	3900	3600	2400	8900
	9-Jul-91	50000	3600	2300	1800	10000
	8-Oct-91	130000	3600	1000	2800	8400
	5-Feb-92	150000	2500	670	2700	10000
	28-Apr-92	120000	2200	1200	2000	5800
	27-Jul-92	190000	1400	<1250	<1250	3400
	26-Oct-92	950000	2000	8400	16000	36000
	14-Jan-93	41000	2700	2500	1800	6900
	16-Apr-93	40000	930	2800	1900	14000
	23-Jul-93	87000	1600	<5	1300	4000

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-3 (CONT.)	27-Oct-93	36000	2200	<500	1500	3200
	27-Jan-94	190000	3200	3100	4100	15000
	5-May-94	36000	1100	490	1600	4700
	26-Jul-94	18000	1039	170.5	845.4	967.5
	28-Oct-94	25869	467.9	294	546.2	343.3
	2-Jan-95	23000	850	260	900	2100
	14-Apr-95	33000	720	670	1600	6600
S-5	8-Jan-87	7800	380	510	NR	1000
	6-Sep-88	7000	2600	60	400	700
	16-Nov-88	3000	660	60	120	220
	27-Feb-89	5700	2000	220	260	320
	4-May-89	9000	3000	600	630	1700
	10-Aug-89	5100	1100	<50	270	400
	10-Oct-89	15000	3300	160	830	2200
	25-Jan-90	12000	2400	360	570	1400
	18-Apr-90	5200	1100	40	300	460
	23-Jul-90	5500	1300	140	320	730
	18-Oct-90	12000	3200	40	720	900
	28-Jan-91	2550	410	15	110	60
	25-Apr-91	67000	5100	3100	2800	11000
	9-Jul-91	4900	480	36	360	1000
	8-Oct-91	6600	370	7	190	380
	5-Feb-92	44000	4800	850	2700	8400
	28-Apr-92	33000	1400	320	1600	5200
	27-Jul-92	20000	2400	<25	1800	2300
	26-Oct-92	21000	1600	140	1500	2800
	14-Jan-93	54000	1900	1000	2700	16000
	16-Apr-93	42000	2000	1300	4300	18000
	23-Jul-93	46000	2500	2200	3400	11000
	27-Oct-93	6500	990	31	1100	1000
	27-Jan-94	34000	1800	580	2900	9700
	5-May-94	24000	670	70	1400	2700
	27-Jul-94	4700	193.6	33.1	332.3	281.2
	28-Oct-94	3200	167.3	18	238.7	104.5
	2-Jan-95	18000	1300	220	3400	10000
S-6	16-Nov-88	50	0.7	<1	<1	<3
	27-Feb-89	<50	<0.5	<1	<1	<3
	4-May-89	<50	<0.5	<1	<1	<3
	10-Aug-89	<50	<0.5	<1	<1	<3
	10-Oct-89	<50	<0.5	<1	<1	<3
	25-Jan-90	<50	<0.5	<0.5	<0.5	<1
	18-Apr-90	<50	<0.5	0.6	<0.5	1
	23-Jul-90	<50	<0.5	0.9	<0.5	1.8
	18-Oct-90	<50	<0.5	0.7	<0.5	0.8
	28-Jan-91	<50	<0.5	<0.5	<0.5	<0.5
	25-Apr-91	<50	<0.5	<0.5	<0.5	0.7
	9-Jul-91	<50	<0.5	<0.5	<0.5	<0.5
	8-Oct-91	<50	0.7	<0.5	<0.5	<0.5
	28-Apr-92	<50	<0.5	<0.5	<0.5	<0.5

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-6(CONT.)	26-Oct-92	<50	<0.5	<0.5	<0.5	<0.5
	13-Jan-94	NR	NR	NR	NR	NR
	16-Apr-93	<50	<0.5	<0.5	<0.5	<0.5
	23-Jul-93	NR	NR	NR	NR	NR
	27-Oct-93	<50	<0.5	<0.5	<0.5	<0.5
	27-Jan-94	NR	NR	NR	NR	NR
	5-May-94	<50	<0.5	<0.5	<0.5	<0.5
	26-Jul-94	NR	NR	NR	NR	NR
	28-Oct-94	<50	<0.3	<0.3	<0.3	<0.6
	2-Jan-95	NR	NR	NR	NR	NR
	14-Apr-95	<50	<0.5	1.3	<0.5	<0.5
S-7	16-Nov-88	100	5.1	15	2	13
	27-Feb-89	50	0.5	3	1	11
	4-May-89	<50	<0.5	<1	<1	<3
	10-Aug-89	<50	<0.5	<1	<1	<3
	10-Oct-89	<50	<0.5	<1	<1	<3
	25-Jan-90	<50	<0.5	<0.5	<0.5	<1
	18-Apr-90	<50	<0.5	<0.5	<0.5	<1
	23-Jul-90	<50	<0.5	<0.5	<0.5	<0.5
	18-Oct-90	<50	<0.5	0.5	0.5	4.1
	28-Jan-91	<50	<0.5	<0.5	<0.5	<0.5
	25-Apr-91	60	<0.5	<0.5	<0.5	<0.5
	9-Jul-91	<50	<0.5	<0.5	<0.5	<0.5
	5-Feb-92	<50	<0.5	<0.5	<0.5	<0.5
	8-Oct-91	<50	<0.5	<0.5	<0.5	<0.5
	28-Apr-92	<50	<0.5	<0.5	<0.5	<0.5
	27-Jul-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	570	<0.5	<0.5	<0.5	<0.5
	14-Jan-93	56	<0.5	<0.5	<0.5	<0.5
	16-Apr-93	110	28	<0.5	<0.5	1.8
	23-Jul-93	80	0.48	<0.5	<0.5	0.8
	27-Oct-93	<50	<0.5	<0.5	<0.5	<0.5
	27-Jan-94	70**	<0.5	<0.5	<0.5	<0.5
	5-May-94	92	2.1	<0.5	<0.5	<0.5
	26-Jul-94	88	<0.3	<0.3	<0.3	<0.6
	28-Oct-94	60	<0.3	0.5	<0.3	<0.6
	2-Jan-95	<50	<0.5	<0.5	<0.5	<0.5
S-8	16-Nov-88	210	5	<1	1	5
	27-Feb-89	<50	2.4	<1	<1	<3
	4-May-89	<50	7.5	<1	2	<3
	10-Aug-89	<50	0.6	<1	<1	<3
	10-Oct-89	<50	<0.5	<1	<1	<3
	25-Jan-90	<50	<0.5	<0.5	<0.5	<1
	18-Apr-90	<50	<0.5	<0.5	<0.5	<1
	23-Jul-90	<50	<0.5	<0.5	<0.5	<0.5
	18-Oct-90	<50	<0.5	<0.5	<0.5	<0.5
	28-Jan-91	<50	55	0.5	<0.5	1.4
	25-Apr-91	130*	19	<0.5	1.3	1.1
	9-Jul-91	200	33	<0.5	1.8	2.8

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-8(CONT.)	8-Oct-91	580	95	2.2	4.9	6.5
	5-Feb-92	90*	18	<0.5	6.2	1.8
	28-Apr-92	<50	5.9	<0.5	2.5	<0.5
	27-Jul-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	<50	<0.5	<0.5	<0.5	<0.5
	14-Jan-93	270	74	0.9	25	5.5
	16-Apr-93	1100	420	<0.5	200	20
	23-Jul-93	160	23	<0.5	1.2	1.5
	27-Oct-93	420	650	0.7	11	1.7
	27-Jan-94	290	65	<1	6.9	2.4
	5-May-94	120	13	<0.5	<0.5	<0.5
	26-Jul-94	115	12.2	1.3	<0.3	2.7
	28-Oct-94	733	75.9	3.2	4.9	4.2
	2-Jan-95	290	54	<0.5	10	<0.5
	14-Apr-95	230	68	<0.5	10	2.4
S-9	16-Nov-88	1400	69	3	52	180
	27-Feb-89	1600	240	4	130	180
	4-May-89	2600	470	10	240	480
	10-Aug-89	520	73	<10	40	<30
	10-Oct-89	380	82	<1	46	13
	25-Jan-90	750	140	1.2	69	75
	18-Apr-90	680	150	1.7	50	37
	23-Jul-90	490	94	1.2	32	24
	18-Oct-90	390	140	0.7	3.3	24
	28-Jan-91	1040	450	4.6	85	97
	25-Apr-91	5800	880	9	360	500
	9-Jul-91	1400	220	2.8	82	100
	8-Oct-91	890	960	<2.5	16	29
	5-Feb-92	950	240	<2.5	28	55
	28-Apr-92	1400*	290	3	100	81
	27-Jul-92	890	190	<2.5	66	68
	26-Oct-92	650	160	<2.5	63	89
	13-Jan-93	19000	2400	38	1700	2200
	16-Apr-93	10000	1500	<5	1100	990
	23-Jul-93	1100	400	<5	260	160
	27-Oct-93	2500	400	<5	190	110
	27-Jan-94	4800	990	16	630	490
	5-May-94	3700	480	<5	21	120
	26-Jul-94	1000	124.6	<0.3	35.8	28.6
	28-Oct-94	979	80.3	7	21.7	29.2
	2-Jan-95	3900	540	2.4	350	150
	14-Apr-95	5100	1000	<10	380	230
S-10	16-Nov-88	330	0.5	<1	1	11
	27-Feb-89	140	<0.5	<3	2	6
	3-May-89	220	<0.5	1	2	7
	10-Aug-89	<50	<0.5	<1	<1	<3
	9-Oct-89	170	<0.5	<1	<1	<3
	25-Jan-90	<50	<0.5	<0.5	1.1	4
	18-Apr-90	<50	<0.5	0.9	<0.5	2

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-10(CONT.)	23-Jul-90	590	<0.5	<0.5	1.9	19
	18-Oct-90	140	<0.5	0.7	<0.5	7
	28-Jan-91	<50	<0.5	<0.5	<0.5	0.5
	25-Apr-91	<50	<0.5	<0.5	1.1	0.8
	9-Jul-91	<50	<0.5	<0.5	<0.5	<0.5
	8-Oct-91	140	<0.5	<0.5	<0.5	<0.5
	5-Feb-92	<50	<0.5	<0.5	<0.5	<0.5
	28-Apr-92	<50	<0.5	<0.5	<0.5	<0.5
	27-Jul-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	<50	<0.5	<0.5	<0.5	<0.5
	13-Jan-93	88	<0.5	0.6	0.6	<0.5
	16-Apr-93	80	<0.5	<0.5	<0.5	<0.5
	23-Jul-93	<50	1.5	<0.5	0.7	2.7
	27-Oct-93	<50	<0.5	<0.5	<0.5	<0.5
	27-Jan-94	270	1.1	1.3	2	7.4
	5-May-94	<50	<0.5	<0.5	<0.5	<0.5
	26-Jul-94	<50	<0.3	<0.3	<0.3	<0.6
	28-Oct-94	<50	2.4	<0.3	0.5	0.8
	2-Jan-95	<50	<0.5	<0.5	<0.5	<0.5
	14-Apr-95	<50	<0.5	<0.5	<0.5	<0.5
S-11	16-Nov-88	<50	<0.5	<1	<1	<3
	27-Feb-89	<50	<0.5	<1	<1	<3
	3-May-89	<50	<0.5	<1	<1	<3
	10-Aug-89	<50	<0.5	<1	<1	<3
	9-Oct-89	<50	<0.5	<1	<1	<3
	25-Jan-90	<50	<0.5	<0.5	<0.5	<1
	18-Apr-90	<50	<0.5	<0.5	<0.5	<1
	23-Jul-90	<50	<0.5	0.6	<0.5	1.1
	18-Oct-90	<50	<0.5	<0.5	<0.5	0.5
	28-Jan-91	63	<0.5	3.3	0.9	7
	25-Apr-91	<50	<0.5	<0.5	0.8	<0.5
	9-Jul-91	<50	<0.5	<0.5	<0.5	<0.5
	8-Oct-91	<50	<0.5	<0.5	<0.5	<0.5
	28-Apr-92	<50	<0.5	<0.5	<0.5	<0.5
	27-Jul-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	<50	<0.5	<0.5	<0.5	<0.5
	13-Jan-93	NR	NR	NR	NR	NR
	16-Apr-93	<50	<0.5	<0.5	<0.5	<0.5
	23-Jul-93	NR	NR	NR	NR	NR
	27-Oct-93	NA	NA	NA	NA	NA
	27-Jan-94	NR	NR	NR	NR	NR
	5-May-94	<50	<0.5	<0.5	<0.5	<0.5
	26-Jul-94	NR	NR	NR	NR	NR
	28-Oct-94	<50	<0.3	<0.3	<0.3	<0.6
	2-Jan-95	NR	NR	NR	NR	NR
	14-Apr-95	<50	<0.5	<0.5	<0.5	<0.5

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-12	16-Nov-88	50	3.5	<1	<1	<3
	27-Feb-89	<50	0.8	<1	<1	<3
	3-May-89	<50	<0.5	<1	<1	<3
	10-Aug-89	<50	<0.5	<1	<1	<3
	9-Oct-89	<50	<0.5	<1	<1	<1
	25-Jan-90	<50	<0.5	<0.5	<0.5	<1
	18-Apr-90	<50	<0.5	<0.5	<0.5	<0.5
	23-Jul-90	<50	<0.5	<0.5	<0.5	<0.5
	18-Oct-90	<50	<0.5	<0.5	<0.5	<0.5
	28-Jan-91	<50	<0.5	<0.5	<0.5	<0.5
	25-Apr-91	90	5.4	<0.5	1.1	0.7
	9-Jul-91	<50	2.9	<0.5	<0.5	<0.5
	8-Oct-91	50	<0.5	<0.5	<0.5	<0.5
	5-Feb-92	50*	<0.5	<0.5	<0.5	<0.5
	28-Apr-92	<50	<0.5	<0.5	<0.5	<0.5
	27-Jul-92	94	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	86	<0.5	<0.5	<0.5	<0.5
	14-Jan-93	120	2	<0.5	<0.5	<0.5
	16-Apr-93	60	<0.5	<0.5	<0.5	<0.5
	23-Jul-93	90	<0.5	<0.5	<0.5	<0.5
	27-Oct-93	NA	NA	NA	NA	NA
	27-Jan-94	NA	NA	NA	NA	NA
	5-May-94	<50	2	<0.5	<0.5	<0.5
	26-Jul-94	128	<0.3	<0.3	<0.3	<0.6
	28-Oct-94	167	<0.3	<0.3	<0.3	<0.6
	2-Jan-95	50	<0.5	<0.5	<0.5	<0.5
	14-Apr-95	<50	<0.5	<0.5	<0.5	<0.5
S-13	3-May-89	150	4.9	4	2	14
	10-Aug-89	110	2.9	<1	<1	<3
	9-Oct-89	77	1.4	<1	<1	<3
	25-Jan-90	51	0.5	<0.5	<0.5	<1
	18-Apr-90	85	8.7	<0.5	<0.5	<1
	23-Jul-90	80	0.8	<0.5	<0.5	<0.5
	18-Oct-90	130	<0.5	<0.5	<0.5	<5
	28-Jan-91	<50	<0.5	0.9	1.2	1
	25-Apr-91	440*	3.8	<0.5	<0.5	0.6
	9-Jul-91	320*	0.6	<0.5	<0.5	<0.5
	8-Oct-91	310	<0.5	<0.5	<0.5	<0.5
	28-Apr-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	180	<0.5	<0.5	<0.5	<0.5
	13-Jan-93	NR	NR	NR	NR	NR
	16-Apr-93	240	4.8	<0.5	1.3	<0.5
	23-Jul-93	NR	NR	NR	NR	NR
	27-Oct-93	NA	NA	NA	NA	NA
	27-Jan-94	NR	NR	NR	NR	NR
	5-May-94	<50	<0.5	<0.5	<0.5	<0.5
	26-Jul-94	NR	NR	NR	NR	NR
	28-Oct-94	368	<0.3	<0.3	<0.3	<0.6
	2-Jan-95	NR	NR	NR	NR	NR

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-14	3-May-89	5300	750	400	200	800
	10-Aug-89	1800	540	140	42	50
	9-Oct-89	1000	360	60	20	30
	25-Jan-90	640	160	77	17	39
	18-Apr-90	1200	200	110	30	96
	23-Jul-90	5000	430	340	140	660
	18-Oct-90	1800	770	13	17	120
	28-Jan-91	720	200	36	21	78
	25-Apr-91	14000	930	430	250	970
	9-Jul-91	160	30	5.3	5	16
	8-Oct-91	5400	81	57	95	380
	28-Apr-92	2000	270	140	48	170
	26-Oct-92	920	33	12	25	88
	13-Jan-93	NR	NR	NR	NR	NR
	16-Apr-93	4500	1100	29	91	170
	23-Jul-93	NR	NR	NR	NR	NR
	27-Oct-93	NA	NA	NA	NA	NA
	27-Jan-94	NR	NR	NR	NR	NR
	5-May-94	810	250	<2.5	9.4	19
	26-Jul-94	NR	NR	NR	NR	NR
	28-Oct-94	5385	290.6	85.8	49.7	186.2
	2-Jan-95	NR	NR	NR	NR	NR
	14-Apr-95	1600	40	4.7	11	20
S-15	3-May-89	<50	<0.5	<1	<1	<3
	10-Aug-89	<50	<0.5	<1	<1	<3
	9-Oct-89	<50	<0.5	<1	<1	<3
	25-Jan-90	<50	<0.5	<1	<1	<1
	18-Apr-90	<50	<0.5	<0.5	<0.5	<1
	23-Jul-90	<50	<0.5	<0.5	<0.5	<0.5
	18-Oct-90	<50	<0.5	<0.5	<0.5	<0.5
	28-Jan-91	<50	<0.5	0.6	<0.5	0.8
	25-Apr-91	<50	<0.5	<0.5	<0.5	<0.5
	9-Jul-91	<50	<0.5	<0.5	<0.5	<0.5
	8-Oct-91	<50	<0.5	<0.5	<0.5	<0.5
	5-Feb-92	<50	<0.5	<0.5	<0.5	<0.5
	28-Apr-92	50	0.8	0.9	<0.5	1.4
	27-Jul-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	<50	<0.5	<0.5	<0.5	<0.5
	14-Jan-93	<50	<0.5	<0.5	<0.5	<0.5
	16-Apr-93	<50	0.6	1	<0.5	0.7
	23-Jul-93	<50	1.2	<0.5	<0.5	1.6
	27-Oct-93	NA	NA	NA	NA	NA
	27-Jan-94	NA	NA	NA	NA	NA
	5-May-94	<50	<0.5	<0.5	<0.5	<0.5
	26-Jul-94	<50	<0.3	<0.3	<0.3	<0.6
	28-Oct-94	<50	0.3	<0.3	<0.3	<0.6
	2-Jan-95	<50	<0.5	<0.5	<0.5	<0.5

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-16	4-May-94	380	44	3	2	<3
	10-Aug-89	<50	0.6	<1	<1	<3
	10-Oct-89	<5	<0.5	<1	<1	<3
	25-Jan-90	240	160	3.3	0.8	11
	18-Apr-90	<50	1	<0.5	<0.5	<1
	23-Jul-90	<50	1.1	<0.5	<0.5	<0.5
	18-Oct-90	<50	<0.5	<0.5	<0.5	<0.5
	28-Jan-91	<50	<0.5	0.6	<0.5	0.9
	25-Apr-91	60^	21	0.5	3.2	4.8
	9-Jul-91	<50	1	<0.5	<0.5	<0.5
	8-Oct-91	50	17	1.4	1.2	5.5
	5-Feb-92	150	65	0.7	<0.5	8.4
	28-Apr-92	<50	13	<0.5	<0.5	<0.5
	27-Jul-92	510	130	<2.5	<0.5	21
	26-Oct-92	<50	<0.5	<0.5	<2.5	<0.5
	13-Jan-93	100	25	1.9	<0.5	8.4
	16-Apr-93	150	56	1.8	4.6	12
	23-Jul-93	<50	0.9	<0.5	<0.5	<0.5
	27-Oct-93	<50	1.5	<0.5	<0.5	<0.5
	27-Jan-94	140	85	<1	<1	13
	5-May-94	71	25	<0.5	<0.5	4.2
	26-Jul-94	<50	<0.3	<0.3	<0.3	<0.6
	28-Oct-94	<50	11.5	<0.3	<0.3	1.8
	2-Jan-95	70	64	<0.5	<0.5	4
S-17	3-May-89	<50	<0.5	<1	<1	<3
	10-Aug-89	<50	<0.5	<1	<1	<3
	9-Oct-89	<50	<0.5	<1	<1	<3
	25-Jan-90	<50	<0.5	<0.5	<0.5	<1
	18-Apr-90	<50	<0.5	<0.5	<0.5	<1
	23-Jul-90	<50	<0.5	<0.5	<0.5	<0.5
	18-Oct-90	390	10	62	22	110
	28-Jan-91	<50	<0.5	<0.5	<0.5	<0.5
	25-Apr-91	<50	<0.5	<0.5	<0.5	<0.5
	9-Jul-91	<50	<0.5	<0.5	<0.5	<0.5
	8-Oct-91	<50	<0.5	<0.5	<0.5	<0.5
	28-Apr-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	<50	<0.5	<0.5	<0.5	<0.5
	13-Jan-93	NR	NR	NR	NR	NR
	16-Apr-93	130	<0.5	<0.5	<0.5	<0.5
	23-Jul-93	NR	NR	NR	NR	NR
	27-Oct-93	<50	<0.5	<0.5	<0.5	<0.5
	27-Jan-94	NR	NR	NR	NR	NR
	5-May-94	<50	<0.5	<0.5	<0.5	<0.5
	26-Jul-94	NR	NR	NR	NR	NR
	28-Oct-94	<50	<0.3	<0.3	<0.3	<0.6
	2-Jan-95	NR	NR	NR	NR	NR

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
S-18	31-May-91	<50	<0.5	<0.5	<0.5	<0.5
	9-Jul-91	<50	<0.5	<0.5	<0.5	<0.5
	8-Oct-91	<50	<0.5	<0.5	<0.5	<0.5
	5-Feb-92	<50	<0.5	<0.5	<0.5	<0.5
	28-Apr-92	<50	<0.5	<0.5	<0.5	<0.5
	27-Jul-92	<50	<0.5	<0.5	<0.5	<0.5
	26-Oct-92	<50	<0.5	<0.5	<0.5	<0.5
	13-Jan-93	<50	<0.5	<0.5	<0.5	<0.5
	16-Apr-93	<50	<0.5	<0.5	<0.5	<0.5
	23-Jul-93	<50	<0.5	<0.5	<0.5	<0.5
	27-Oct-93	<50	<0.5	<0.5	<0.5	<0.5
	27-Jan-94	<50	1.9	<0.5	<0.5	<0.5
	5-May-94	<50	<0.5	<0.5	<0.5	<0.5
	26-Jul-94	<500	<3	1.1	<0.3	1.8
	28-Oct-94	<50	<0.3	<0.3	<0.3	<0.6
	2-Jan-95	<50	<0.5	<0.5	<0.5	<0.5
SR-1	22-Mar-89	5400	1100	230	350	1300
	25-Jan-90	2200	470	120	110	510
	18-Apr-90	1000	130	47	47	220
	23-Jul-90	3200	470	320	170	870
	18-Oct-90	1300	280	6.6	110	130
	28-Jan-91	110	120	12	51	110
	9-Jul-91	1400	200	27	130	340
	8-Oct-91	980	79	1.5	44	52
	5-Feb-91	3800	580	36	320	400
	28-Apr-92	38000	1800	460	1900	750
	27-Jul-92	FP	FP	FP	FP	FP
	26-Oct-92	1800	370	10	130	130
	13-Jan-93	47000	1000	1100	1700	13000
	16-Apr-93	25000	1700	430	2400	8300
	23-Jul-93	33000	2400	2000	3800	14000
	27-Oct-93	2300	340	<12.5	270	440
	27-Jan-94	36000	2000	1700	3000	11000
	5-May-94	43000	1500	130	2900	12000
	26-Jul-94	13600	682.7	39.2	996.6	2516

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

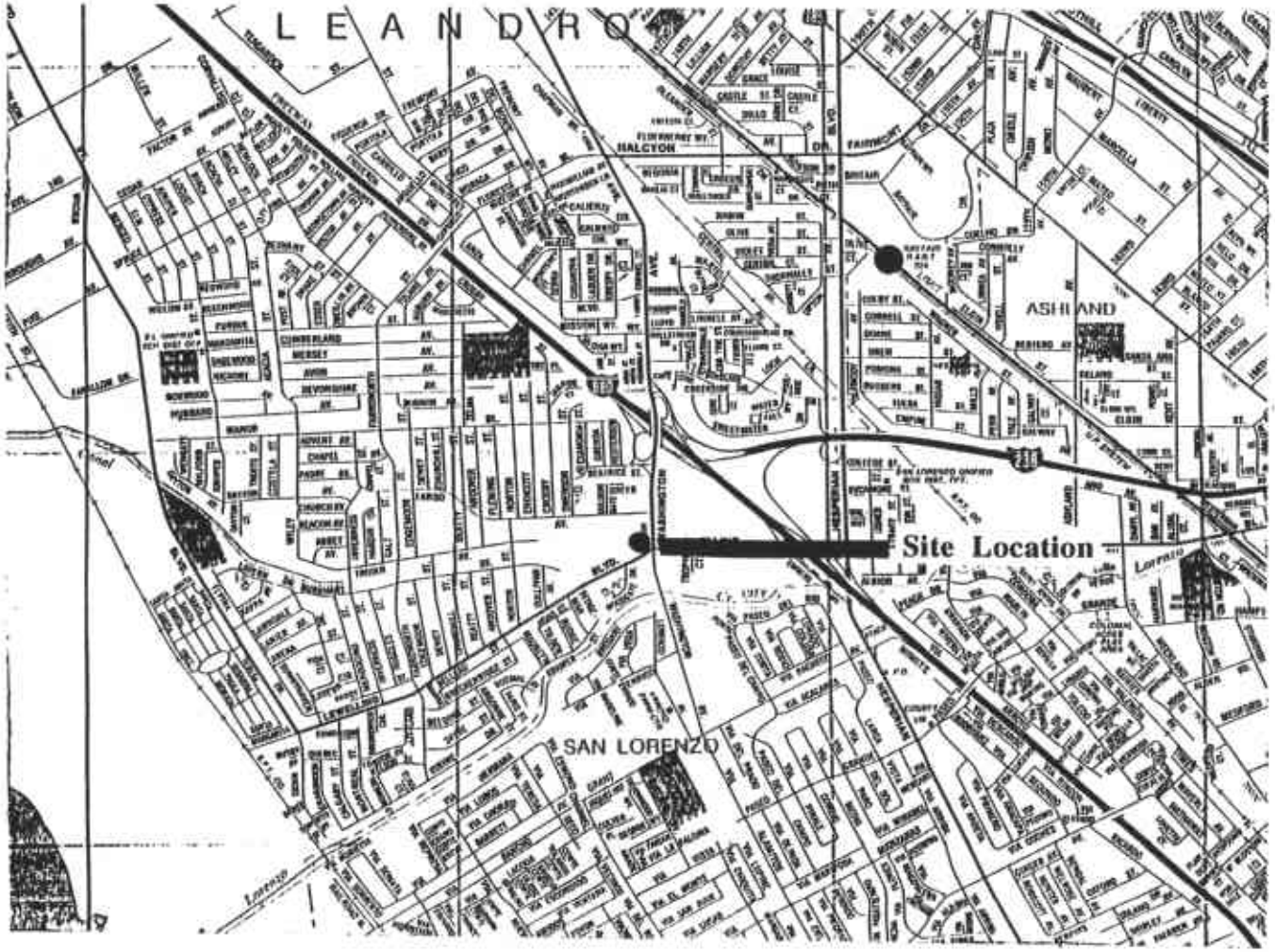
SAMPLE POINT	SAMPLE DATE	TPH-G (PPB)	BENZENE (PPB)	TOLUENE (PPB)	ETHYLBENZENE (PPB)	XYLENES (PPB)
SR-1(CONT.)	28-Oct-94	8462	301.5	29.3	384.7	2019
	2-Jan-95	13000	400	120	2500	10000
	14-Apr-95	43000	690	370	2500	12000

Abbreviations:

TPH-G = Total petroleum hydrocarbons as gasoline by Modified EPA Method 8015
PPB = Parts per billion
<x = Not detected at detection limit of x
NA = Not analyzed; well inaccessible.
NR = Not required.

Notes:

Benzene, Toluene, Ethylbenzene, Xylenes analyzed by EPA Method 8020
* = 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.



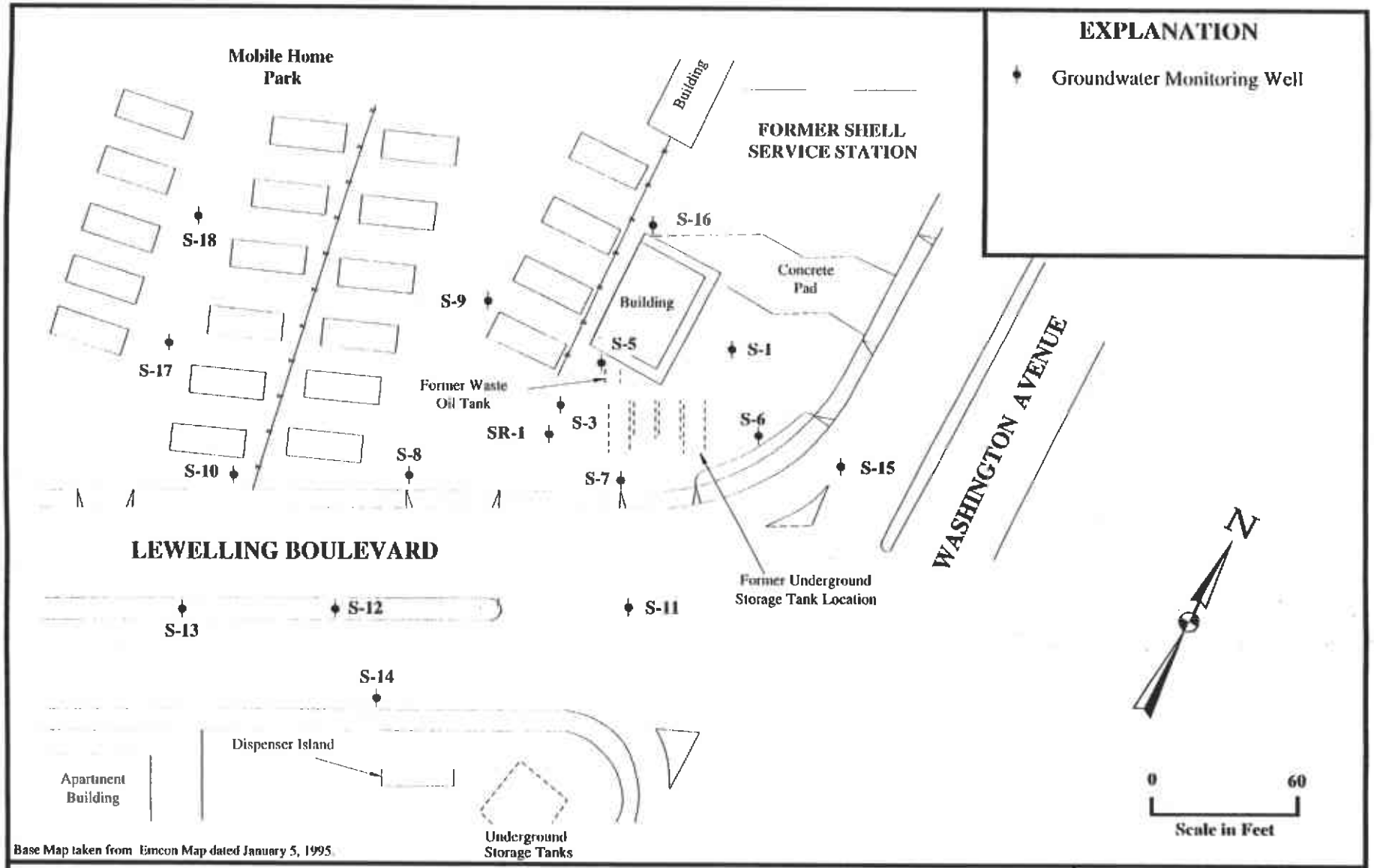
N

0 2200

Scale in Feet

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

PLATE	SITE VICINITY MAP	enviros®
1	Shell Oil Company 15275 Washington Avenue San Leandro, California	95276.01
Drawn By: JLP	Date: 3-23-95	Approved By: JM , Date: 5-Jun-95



Base Map taken from Emcon Map dated January 5, 1995

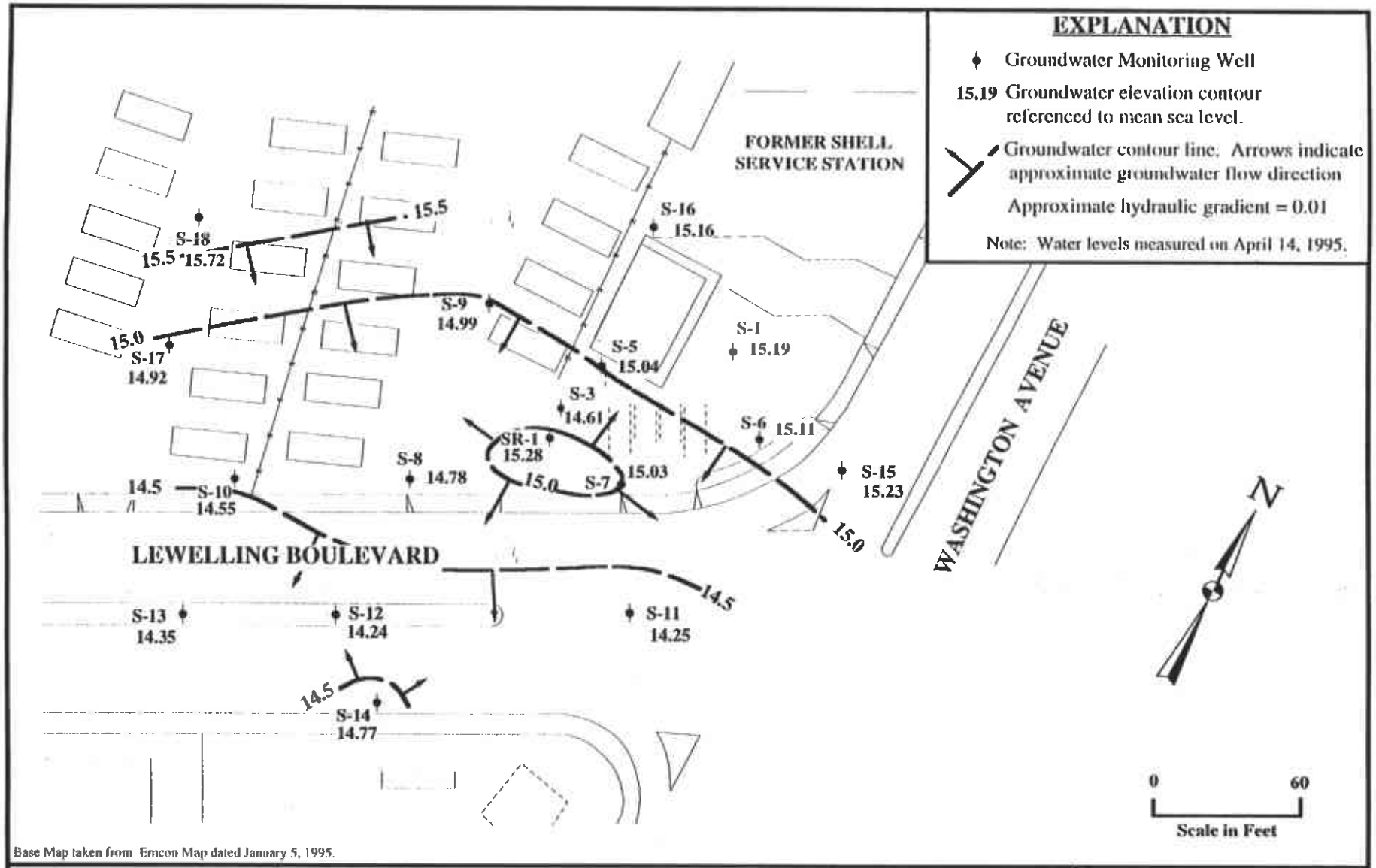
PLATE 2

SITE PLAN
Shell Oil Company
15275 Washington Avenue
San Leandro, California

enviros®
95276

Drawn By: JLP Date: 4-3-95

Approved By: _____ Date: 5 Jun-95



Base Map taken from Emcon Map dated January 5, 1995.

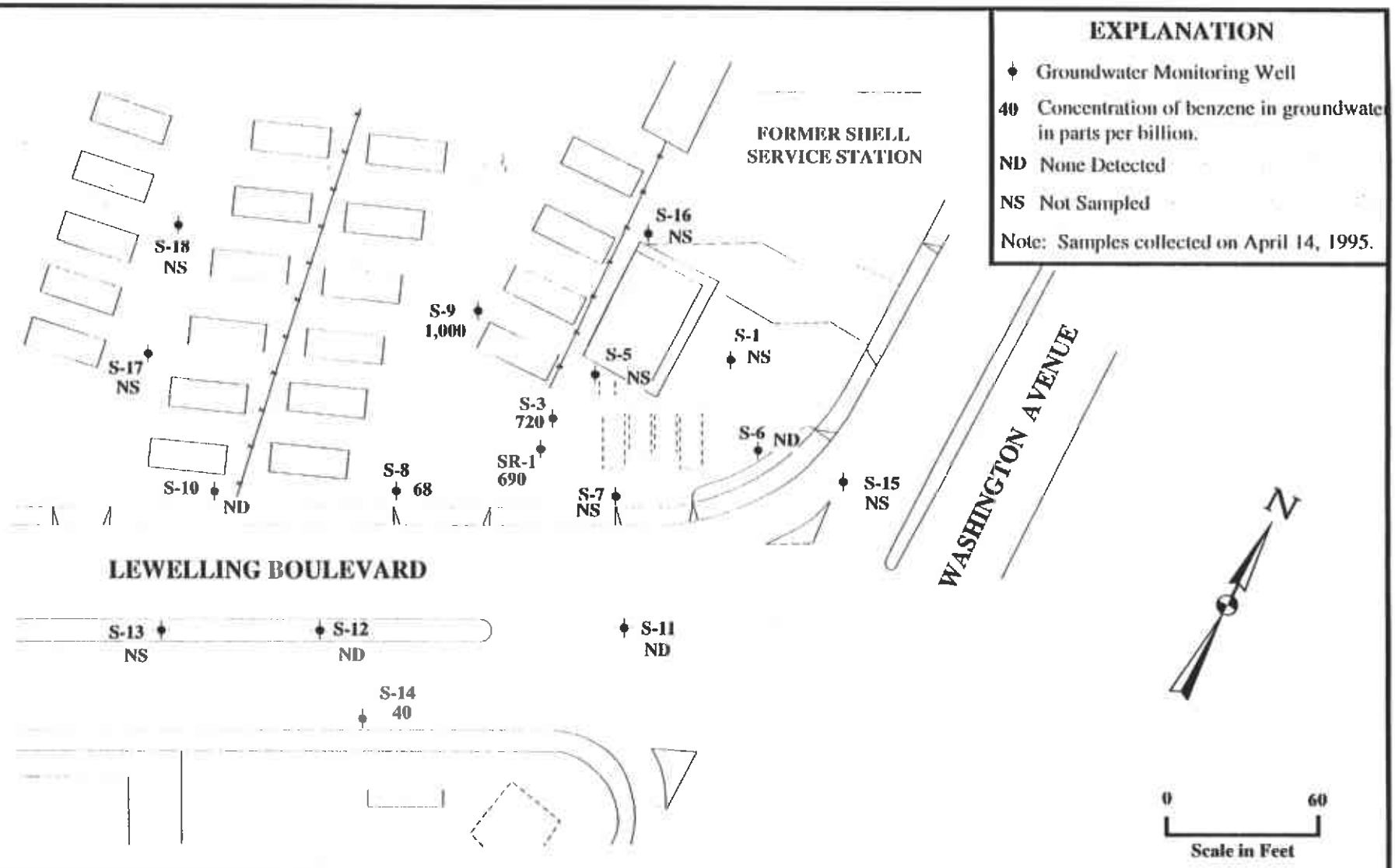
PLATE 3

GROUNDWATER CONTOUR MAP
Shell Oil Company
15275 Washington Avenue
San Leandro, California

enviros
95276

Drawn By: JPW Date: 5-31-95

Approved By: JM Date: 5 Jun 95



Base Map taken from Emcon Map dated January 5, 1995.

PLATE **4**

BENZENE CONCENTRATION MAP
Shell Oil Company
15275 Washington Avenue
San Leandro, California

enviros ®
95276

Drawn By: JPW Date: 5-31-95

Approved By: _____ Date: 5 Jun-95

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

May 3, 1995

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

Attn: Lynn Walker

SITE:
Shell WIC #204-6852-1008
15275 Washington
San Leandro, California

QUARTER:
2nd quarter of 1995

QUARTERLY GROUNDWATER SAMPLING REPORT 950414-K-2

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 dewaters 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

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	4/14/95	TOC	--	NONE	--	--	6.08	19.46
S-3 *	4/14/95	TOC	ODOR	NONE	--	--	5.87	14.83
S-5	4/14/95	TOC	--	NONE	--	--	5.99	17.69
S-6	4/14/95	TOC	--	NONE	--	--	6.29	23.68
S-7	4/14/95	TOC	--	NONE	--	--	5.82	23.19
S-8	4/14/95	TOC	--	NONE	--	--	5.54	23.41
S-9	4/14/95	TOC	--	NONE	--	--	5.69	17.46
S-10	4/14/95	TOC	--	NONE	--	--	5.60	17.53
S-11	4/14/95	TOC	--	NONE	--	--	6.99	22.90
S-12	4/14/95	TOC	--	NONE	--	--	6.47	23.14
S-13	4/14/95	TOC	--	NONE	--	--	5.81	22.88
S-14	4/14/95	TOC	--	NONE	--	--	5.22	22.14
S-15	4/14/95	TOC	--	NONE	--	--	6.19	22.35
S-16	4/14/95	TOC	--	NONE	--	--	6.08	23.10
S-17	4/14/95	TOC	--	NONE	--	--	5.53	23.10
S-18	4/14/95	TOC	--	NONE	--	--	4.85	17.45
SR-1	4/14/95	TOC	ODOR	NONE	--	--	5.29	20.36

* Sample DUP was a duplicate sample taken from well S-3.

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 950414-1422

#1422

Date: 4/14/95
Page 1 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: KCB

Printed Name: Keith C Brown

LAB: Nor

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
Quarterly Monitoring X[X]	6441	24 hours [ ]
Site Investigation [ ]	6441	48 hours [ ]
Soil Classify/Disposal [ ]	6442	10 days [X] (Normal)
Water Classify/Disposal [ ]	6443	Other [ ] ____
Soil/Air Rem. or Sys. O & M [ ]	6482	NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.
Water Rem. or Sys. O & M [ ]	6483	
Other [ ]		

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	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
S-3	4/14			W		3						X						
S-6	↓			↓		↓						X						
S-8												X						
S-9												X						
S-10												X						
S-11												X						
S-12												X						
S-14	↓			↓		↓						X					4/17/95 BB Real Estate	

Relinquished By (signature):	Printed Name:	Date:	Time:	Received (signature):	Printed Name:	Date:	Time:
Keith C. Brown	Keith C. Brown	4/17/95	10:00	G. LeMaire	G. LeMaire	4/17	10:00
Relinquished By (signature):	Printed Name:	Date:	Time:	Received (signature):	Printed Name:	Date:	Time:
G. LeMaire	G. LeMaire	4/17	6:00	Tom Greene	Tom Greene	4/18/95	08:00
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

#4044

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 960414-K2

Date: 4/14/95
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: KCB

Printed Name: Keith Brown

LAB: NET

Analysis Required

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	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SR-1	4/14			NA		3						X								
DUP	"			"		"						X								
EB	"			"		"						X								
TB	"			"		2						X								

4/17/95 SK
Seal Intact

CHECK ONE (1) BOX ONLY — C1/D1

- Quarterly Monitoring XX — 6461
- Site Investigation — 6441
- Soil Classify/Disposal — 6442
- Water Classify/Disposal — 6443
- Soil/Air Rem. or Sys. O & M — 6462
- Water Rem. or Sys. O & M — 6463
- Other

TURN AROUND TIME

- 24 hours
- 48 hours
- 15 days XX (Normal)
- Other

NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.

Relinquished by (signature):	Printed Name:	Date: 4/17 Time: 10:45	Received (signature):	Printed Name:	Date: 4/17 Time: 10:45
Relinquished by (signature):	Printed Name:	Date: 4/17 Time: 16:00	Received (signature):	Printed Name: HAM GREENE	Date: 4/18/95 Time: 08:01
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: 04/25/1995
NET Client Acct. No: 1821
NET Pacific Job No: 95.01595
Received: 04/18/1995

Client Reference Information

Shell 15275 Washington St., San Leandro, CA/950414-K2

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:

Thomas F. Cullen, Jr.
Division Manager

Linda DeMartino
Project Coordinator

Enclosure(s)

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: S-3
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240194

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	100						04/21/1995	2768
as Gasoline	33,000		5,000	ug/L	5030		04/21/1995	2768
Carbon Range:	C6-C12						04/21/1995	2768
METHOD 8020 (GC,Liquid)	--						04/21/1995	2768
Benzene	720		50	ug/L	8020		04/21/1995	2768
Toluene	670		50	ug/L	8020		04/21/1995	2768
Ethylbenzene	1,600		50	ug/L	8020		04/21/1995	2768
Xylenes (Total)	6,600		50	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	99			% Rec.	5030		04/21/1995	2768

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: S-6
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240195

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/19/1995	2766
DILUTION FACTOR*	1						04/19/1995	2766
as Gasoline	ND		50	ug/L	5030		04/19/1995	2766
Carbon Range:	--						04/19/1995	2766
METHOD 8020 (GC,Liquid)	--						04/19/1995	2766
Benzene	ND		0.5	ug/L	8020		04/19/1995	2766
Toluene	1.3	C	0.5	ug/L	8020		04/19/1995	2766
Ethylbenzene	ND		0.5	ug/L	8020		04/19/1995	2766
Xylenes (Total)	ND		0.5	ug/L	8020		04/19/1995	2766
SURROGATE RESULTS	--						04/19/1995	2766
Bromofluorobenzene (SURR)	97			% Rec.	5030		04/19/1995	2766

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

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: S-8
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240196

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/20/1995	2767
DILUTION FACTOR*	1						04/20/1995	2767
as Gasoline	230		50	ug/L	5030		04/20/1995	2767
Carbon Range:	C5-C12						04/20/1995	2767
METHOD 8020 (GC,Liquid)	--						04/20/1995	2767
Benzene	68	FC	0.5	ug/L	8020		04/21/1995	2768
Toluene	ND		0.5	ug/L	8020		04/20/1995	2767
Ethylbenzene	10		0.5	ug/L	8020		04/20/1995	2767
Xylenes (Total)	2.4		0.5	ug/L	8020		04/20/1995	2767
SURROGATE RESULTS	--						04/20/1995	2767
Bromofluorobenzene (SURR)	107			% Rec.	5030		04/20/1995	2767

FC : Compound quantitated at a 10X dilution factor.

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: S-9
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240197

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	20						04/21/1995	2768
as Gasoline	5,100		1,000	ug/L	5030		04/21/1995	2768
Carbon Range:	C6-C12						04/21/1995	2768
METHOD 8020 (GC,Liquid)	--						04/21/1995	2768
Benzene	1,000	FE	10	ug/L	8020		04/23/1995	2776
Toluene	ND		10	ug/L	8020		04/21/1995	2768
Ethylbenzene	380		10	ug/L	8020		04/21/1995	2768
Xylenes (Total)	230		10	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	104			% Rec.	5030		04/21/1995	2768

FE : Compound quantitated at a 50X dilution factor.

Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01595

Date: 04/25/1995
ELAP Cert: 1386
Page: 6

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: S-10
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240198

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/20/1995	2767
DILUTION FACTOR*	1						04/20/1995	2767
as Gasoline	ND		50	ug/L	5030		04/20/1995	2767
Carbon Range:	--						04/20/1995	2767
METHOD 8020 (GC,Liquid)	--						04/20/1995	2767
Benzene	ND		0.5	ug/L	8020		04/20/1995	2767
Toluene	ND		0.5	ug/L	8020		04/20/1995	2767
Ethylbenzene	ND		0.5	ug/L	8020		04/20/1995	2767
Xylenes (Total)	ND		0.5	ug/L	8020		04/20/1995	2767
SURROGATE RESULTS	--						04/20/1995	2767
Bromofluorobenzene (SURR)	90			% Rec.	5030		04/20/1995	2767

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: S-11
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240199

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/20/1995	2767
DILUTION FACTOR*	1						04/20/1995	2767
as Gasoline	ND		50	ug/L	5030		04/20/1995	2767
Carbon Range:	--						04/20/1995	2767
METHOD 8020 (GC,Liquid)	--						04/20/1995	2767
Benzene	ND		0.5	ug/L	8020		04/20/1995	2767
Toluene	ND		0.5	ug/L	8020		04/20/1995	2767
Ethylbenzene	ND		0.5	ug/L	8020		04/20/1995	2767
Xylenes (Total)	ND		0.5	ug/L	8020		04/20/1995	2767
SURROGATE RESULTS	--						04/20/1995	2767
Bromofluorobenzene (SURR)	96			% Rec.	5030		04/20/1995	2767

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: S-12
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240200

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	1						04/21/1995	2768
as Gasoline	ND		50	ug/L	5030		04/21/1995	2768
Carbon Range:	--						04/21/1995	2768
METHOD 8020 (GC,Liquid)	--						04/21/1995	2768
Benzene	ND		0.5	ug/L	8020		04/21/1995	2768
Toluene	ND		0.5	ug/L	8020		04/21/1995	2768
Ethylbenzene	ND		0.5	ug/L	8020		04/21/1995	2768
Xylenes (Total)	ND		0.5	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	98			% Rec.	5030		04/21/1995	2768

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: S-14
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240201

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	1						04/21/1995	2768
as Gasoline	1,600		50	ug/L	5030		04/21/1995	2768
Carbon Range:	C6-C12						04/21/1995	2768
METHOD 8020 (GC,Liquid)	--						04/21/1995	2768
Benzene	40		0.5	ug/L	8020		04/21/1995	2768
Toluene	4.7		0.5	ug/L	8020		04/21/1995	2768
Ethylbenzene	11		0.5	ug/L	8020		04/21/1995	2768
Xylenes (Total)	20		0.5	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	109			% Rec.	5030		04/21/1995	2768

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: SR-1
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240202

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	100						04/21/1995	2768
as Gasoline	43,000		5,000	ug/L	5030		04/21/1995	2768
Carbon Range:	C6-C12						04/21/1995	2768
METHOD 8020 (GC,Liquid)	--						04/21/1995	2768
Benzene	690		50	ug/L	8020		04/21/1995	2768
Toluene	370		50	ug/L	8020		04/21/1995	2768
Ethylbenzene	2,500		50	ug/L	8020		04/21/1995	2768
Xylenes (Total)	12,000		50	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	113			% Rec.	5030		04/21/1995	2768

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: DUP
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240203

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	100						04/21/1995	2768
as Gasoline	39,000		5,000	ug/L	5030		04/21/1995	2768
Carbon Range:	C6-C12						04/21/1995	2768
METHOD 8020 (GC,Liquid)	--						04/21/1995	2768
Benzene	650		50	ug/L	8020		04/21/1995	2768
Toluene	630		50	ug/L	8020		04/21/1995	2768
Ethylbenzene	1,400		50	ug/L	8020		04/21/1995	2768
Xylenes (Total)	6,100		50	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	105			% Rec.	5030		04/21/1995	2768

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: EB
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240204

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	1						04/21/1995	2768
as Gasoline	ND		50	ug/L	5030		04/21/1995	2768
Carbon Range:	--						04/21/1995	2768
METHOD 8020 (GC,Liquid)	--						04/21/1995	2768
Benzene	ND		0.5	ug/L	8020		04/21/1995	2768
Toluene	ND		0.5	ug/L	8020		04/21/1995	2768
Ethylbenzene	ND		0.5	ug/L	8020		04/21/1995	2768
Xylenes (Total)	ND		0.5	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	91			% Rec:	5030		04/21/1995	2768

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

SAMPLE DESCRIPTION: TB
Date Taken: 04/14/1995
Time Taken:
NET Sample No: 240205

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/20/1995	2767
DILUTION FACTOR*	--						04/20/1995	2767
as Gasoline	ND		50	ug/L	5030		04/20/1995	2767
Carbon Range:	--						04/20/1995	2767
METHOD 8020 (GC,Liquid)	--						04/20/1995	2767
Benzene	ND		0.5	ug/L	8020		04/20/1995	2767
Toluene	ND		0.5	ug/L	8020		04/20/1995	2767
Ethylbenzene	ND		0.5	ug/L	8020		04/20/1995	2767
Xylenes (Total)	ND		0.5	ug/L	8020		04/20/1995	2767
SURROGATE RESULTS	--						04/20/1995	2767
Bromofluorobenzene (SURR)	97			% Rec.	5030		04/20/1995	2767

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

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
TPH (Gas/BTXE,Liquid)							
as Gasoline	108.0	1.08	1.00	mg/L	04/19/1995	aal	2766
Benzene	102.4	5.12	5.00	ug/L	04/19/1995	aal	2766
Toluene	91.0	4.55	5.00	ug/L	04/19/1995	aal	2766
Ethylbenzene	87.4	4.37	5.00	ug/L	04/19/1995	aal	2766
Xylenes (Total)	105.3	15.8	15.0	ug/L	04/19/1995	aal	2766
Bromofluorobenzene (SURR)	108.0	108	100	% Rec.	04/19/1995	aal	2766
TPH (Gas/BTXE,Liquid)							
as Gasoline	94.0	0.47	0.50	mg/L	04/20/1995	jmh	2767
Benzene	103.6	5.18	5.00	ug/L	04/20/1995	jmh	2767
Toluene	97.8	4.89	5.00	ug/L	04/20/1995	jmh	2767
Ethylbenzene	86.0	4.30	5.00	ug/L	04/20/1995	jmh	2767
Xylenes (Total)	108.0	16.2	15.0	ug/L	04/20/1995	jmh	2767
Bromofluorobenzene (SURR)	108.0	108	100	% Rec.	04/20/1995	jmh	2767
TPH (Gas/BTXE,Liquid)							
as Gasoline	110.0	0.55	0.50	mg/L	04/21/1995	caf	2768
Benzene	94.6	4.73	5.00	ug/L	04/21/1995	caf	2768
Toluene	87.0	4.35	5.00	ug/L	04/21/1995	caf	2768
Ethylbenzene	90.2	4.51	5.00	ug/L	04/21/1995	caf	2768
Xylenes (Total)	112.8	16.92	15.0	ug/L	04/21/1995	caf	2768
Bromofluorobenzene (SURR)	104.0	104	100	% Rec.	04/21/1995	caf	2768
TPH (Gas/BTXE,Liquid)							
as Gasoline	101.0	1.01	1.00	mg/L	04/23/1995	aal	2776
Benzene	101.8	5.09	5.00	ug/L	04/23/1995	aal	2776
Toluene	90.6	4.53	5.00	ug/L	04/23/1995	aal	2776
Ethylbenzene	88.8	4.44	5.00	ug/L	04/23/1995	aal	2776
Xylenes (Total)	105.3	15.8	15.0	ug/L	04/23/1995	aal	2776
Bromofluorobenzene (SURR)	103.0	103	100	% Rec.	04/23/1995	aal	2776

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

METHOD BLANK REPORT

Parameter	Method Blank Amount Found	Reporting Limit	Units	Date Analyzed	Analyst Initials	Run Batch Number
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	04/19/1995	aal	2766
Benzene	ND	0.5	ug/L	04/19/1995	aal	2766
Toluene	ND	0.5	ug/L	04/19/1995	aal	2766
Ethylbenzene	ND	0.5	ug/L	04/19/1995	aal	2766
Xylenes (Total)	ND	0.5	ug/L	04/19/1995	aal	2766
Bromofluorobenzene (SURR)	100		% Rec.	04/19/1995	aal	2766
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	04/20/1995	jmh	2767
Benzene	ND	0.5	ug/L	04/20/1995	jmh	2767
Toluene	ND	0.5	ug/L	04/20/1995	jmh	2767
Ethylbenzene	ND	0.5	ug/L	04/20/1995	jmh	2767
Xylenes (Total)	ND	0.5	ug/L	04/20/1995	jmh	2767
Bromofluorobenzene (SURR)	79		% Rec.	04/20/1995	jmh	2767
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	04/21/1995	aal	2768
Benzene	ND	0.5	ug/L	04/21/1995	aal	2768
Toluene	ND	0.5	ug/L	04/21/1995	aal	2768
Ethylbenzene	ND	0.5	ug/L	04/21/1995	aal	2768
Xylenes (Total)	ND	0.5	ug/L	04/21/1995	aal	2768
Bromofluorobenzene (SURR)	102		% Rec.	04/21/1995	aal	2768
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	04/23/1995	aal	2776
Benzene	ND	0.5	ug/L	04/23/1995	aal	2776
Toluene	ND	0.5	ug/L	04/23/1995	aal	2776
Ethylbenzene	ND	0.5	ug/L	04/23/1995	aal	2776
Xylenes (Total)	ND	0.5	ug/L	04/23/1995	aal	2776
Bromofluorobenzene (SURR)	91		% Rec.	04/23/1995	aal	2776

Ref: Shell 15275 Washington St., San Leandro, CA/950414-K2

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike % Rec.	Matrix Spike Dup % Rec.	RPD	Spike Amount	Sample Conc.	Matrix Spike Conc.	Matrix Spike Dup. Conc.	Units	Date Analyzed	Run Batch	Sample Spiked
TPH (Gas/BTXE,Liquid)											240195
as Gasoline	90.0	90.0	0.0	0.50	ND	0.45	0.45	mg/L	04/19/1995	2766	240195
Benzene	76.5	73.6	3.9	9.99	ND	7.64	7.35	ug/L	04/19/1995	2766	240195
Toluene	89.4	88.1	1.5	31.0	ND	29.0	28.6	ug/L	04/19/1995	2766	240195
TPH (Gas/BTXE,Liquid)											240198
as Gasoline	80.0	80.0	0.0	0.50	ND	0.40	0.40	mg/L	04/20/1995	2767	240198
Benzene	82.4	79.8	3.2	8.50	ND	7.00	6.78	ug/L	04/20/1995	2767	240198
Toluene	105.7	105.3	0.4	26.2	ND	27.7	27.6	ug/L	04/20/1995	2767	240198
TPH (Gas/BTXE,Liquid)											240547
as Gasoline	98.0	98.0	0.0	0.50	ND	0.49	0.49	mg/L	04/21/1995	2768	240547
Benzene	81.6	79.6	2.5	10.3	ND	8.4	8.2	ug/L	04/21/1995	2768	240547
Toluene	94.3	93.7	0.6	31.6	ND	29.8	29.6	ug/L	04/21/1995	2768	240547
TPH (Gas/BTXE,Liquid)											240140
as Gasoline	96.0	97.0	1.0	500	ND	480	485	mg/L	04/23/1995	2776	240140
Benzene	90.0	87.8	2.5	9.40	ND	8.46	8.25	ug/L	04/23/1995	2776	240140
Toluene	95.6	95.6	0.0	29.8	ND	28.5	28.5	ug/L	04/23/1995	2776	240140

NET®

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 [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: 950414-K2 Log No: 1422
Cooler, received on: 4/15/95 and checked on 4/15/95 by Tom Greene
(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 0.9° & 1.4°
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:
S-14	1 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)