



ENVIRONMENTAL
PROTECTION

June 25, 1998

'98 JUL -1 PM 3: 24

Susan Hugo
Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Second Quarter 1998 Monitoring Report**

Shell Service Station
3420 San Pablo Avenue
Oakland, California
WIC #204-5508-5306
Cambria Project #24-314-298

Dear Ms. Hugo:

On behalf of Shell Oil Products Company (Shell), Cambria Environmental Technology, Inc. (Cambria) is submitting this ground water monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

SECOND QUARTER 1998 ACTIVITIES

Ground Water Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California checked for separate-phase hydrocarbons (SPH), gauged, and sampled the accessible site wells (Figure 1). No SPH were detected this quarter. Cambria summarized SPH removal (Table 1), calculated ground water elevations (Table 2), compiled the analytical data (Table 3), and prepared a ground water elevation contour map (Figure 1). The Blaine report, describing these sampling activities and presenting the laboratory report, is included as Attachment A.

CAMBRIA

ENVIRONMENTAL

TECHNOLOGY, INC.

1144 65TH STREET,

SUITE B

OAKLAND,

CA 94608

PH: (510) 420-0700

FAX: (510) 420-9170

Station Renovations: The above-referenced Shell service station is undergoing renovations. Although the facility is not currently operational, it will be used as a service station and training center when the renovations are completed.

ANTICIPATED THIRD QUARTER 1998 ACTIVITIES

Ground Water Monitoring: Blaine will measure and remove detected SPH, gauge, and sample selected monitoring wells. Cambria will tabulate the data and prepare a monitoring report.

Susan Hugo
June 25, 1998

CAMBRIA

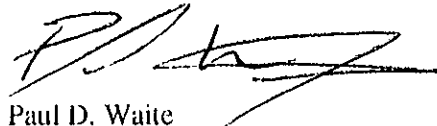
Station Renovations: Site renovations will continue. Ground water monitoring wells will be installed to replace wells MW-3 and MW-6 that were destroyed after onsite construction activities are complete. We will keep you updated on the schedule of the project.

Risk Based Corrective Action Report (RBCA): A modified RBCA analysis to evaluate the potential risk presented by residual hydrocarbons in soil and ground water to the future occupants of the new on-site building will be submitted to your office.

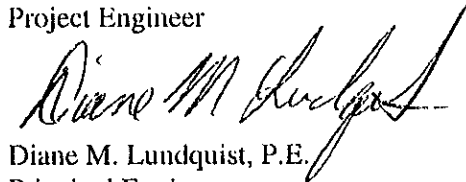
CLOSING

We appreciate the opportunity to work with you on this project. Please call Paul Waite at (510) 420-3305 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.



Paul D. Waite
Project Engineer



Diane M. Lundquist, P.E.
Principal Engineer



Attachment : A - Blaine Ground Water Monitoring Report

cc: A.E.(Alex) Perez, Shell Oil Products Company, P.O. Box 8080, Martinez, California 94553

G:\OAK3420\QM\2q98qm.wpd

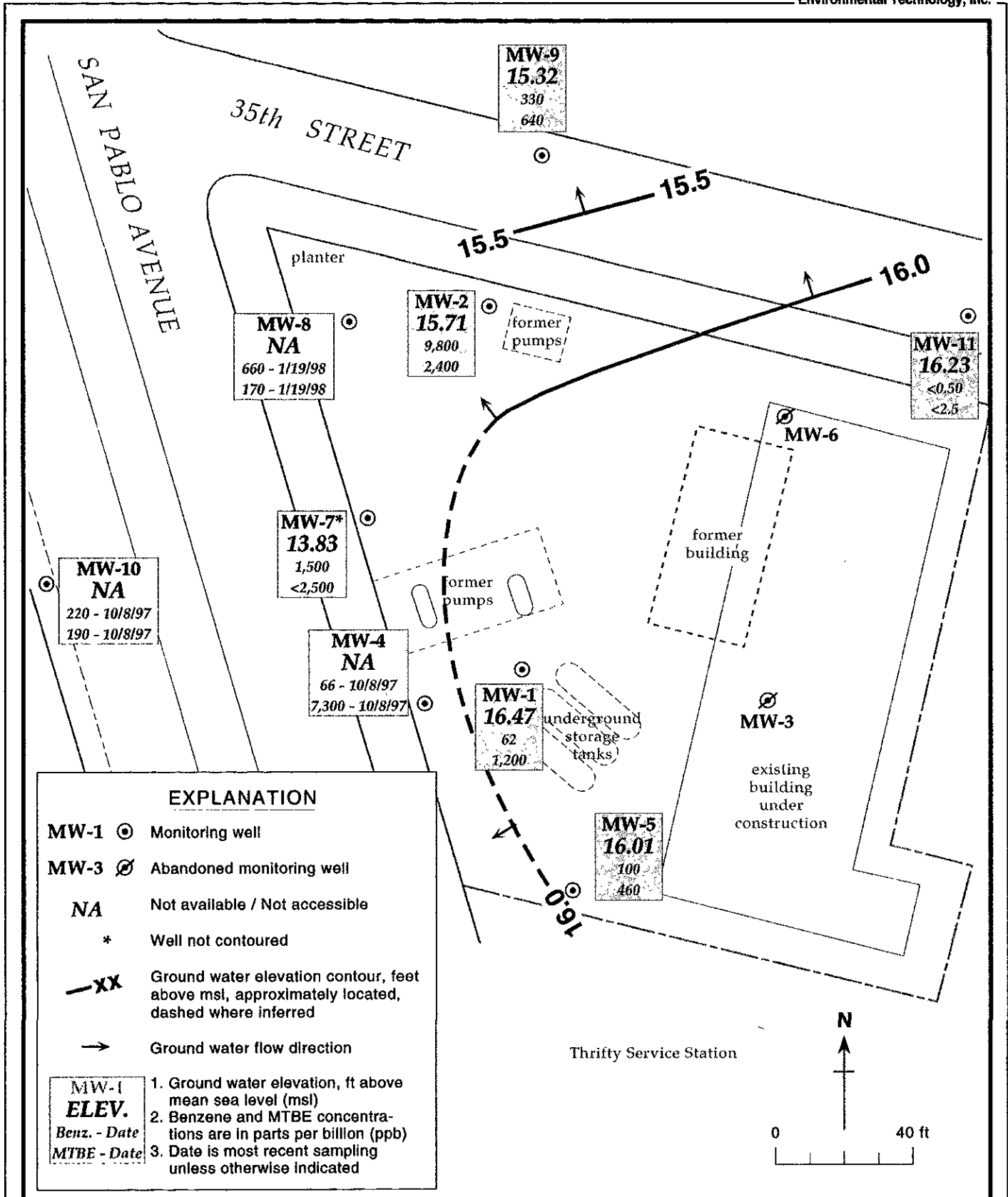


Figure 1. Ground Water Elevation Contours - April 28, 1998 - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Table 1. Separate-Phase Hydrocarbon Removal - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date	Separate-Phase Hydrocarbon Thickness (ft)	Separate-Phase Hydrocarbons Removed (lbs)	Cumulative Separate-Phase Hydrocarbons Removed (lbs)
MW-1	10/23/91	0.01	---	---
	05/04/92	<0.01	---	---
	10/12/92	0.09	---	---
	01/12/93	0.02	3.12	3.12
	04/06/93	<0.01	0.78	3.90
	07/12/93	0.01	0.18	4.08
	10/13/93	0.01	0.06	4.14
	01/20/94	0.01	0.03	4.17
	04/03/94	0.02	0.12	4.29
MW-2	10/12/92	0.03	---	---
	01/12/93	0.01	1.56	1.56
	04/06/93	<0.01	0.78	2.34
	04/03/94	<0.01	0.03	2.37
MW-4	10/12/92	0.78	---	---
	01/12/93	1.0	---	---
	04/06/93	0.95	---	---
	07/12/93	0.03	6.36	6.36
	10/13/93	0.12	0.78	7.14
	01/20/94	0.02	0.03	7.17
	04/13/94	0.01	0.12	7.29
	10/27/94	0.03	0.79	8.08
	01/03/95	0.01	0.16	8.24
04/13/95	0.03	0.16	8.40	
MW-5	10/12/92	0.01	---	---
	01/12/93	<0.01	---	---
	10/13/93	0.03	---	---
	01/20/94	0.01	---	---
	04/13/94	0.01	0.03	0.03
MW-6	10/12/92	0.48	---	---
	01/12/93	<0.01	---	---
	10/13/93	0.2	---	---
	01/20/94	0.02	---	---
	04/13/94	0.01	0.03	0.03
	07/19/94	0.07	0.03	0.06
	10/27/94	0.11	1.43	1.49
	01/03/95	0.02	0.12	1.61
04/13/95	0.02	0.13	1.74	
MW-7	01/20/94	0.05	---	---
	04/13/94	0.16	0.66	0.66

Table 1. Separate-Phase Hydrocarbon Removal - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California (continued)

Well ID	Date	Separate-Phase Hydrocarbon Thickness (ft)	Separate-Phase Hydrocarbons Removed (lbs)	Cumulative Separate-Phase Hydrocarbons Removed (lbs)
	07/19/94	0.20	0.04	0.70
	10/27/94	0.04	1.11	1.81
	01/03/95	0.02	0.16	1.97
	04/13/95	0.02	0.16	2.13
	10/31/95	0.04	0.80	2.93
	01/17/96	0.04	0.09	3.02
	04/10/96	0.05	---	3.02
	07/03/96	0.03	---	3.02
	10/17/96	0.02	0.16	3.18
	07/14/97	0.03	0.16	3.34
	10/08/97	0.01	---	3.34
Total Separate-Phase Hydrocarbons Removed				20.17

Notes and Abbreviations:

ft = Feet

lbs = Pounds

--- = Not available

Weight of separate-phase hydrocarbons converted from volume using the relation: 1 liter gasoline = 1.61 pounds

**Table 2. Ground Water Elevations - Shell Service Station WIC #204-5508-5306,
3420 San Pablo Avenue, Oakland, California**

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft below TOC)	Separate-Phase Hydrocarbon Thickness (ft)	Ground Water Elevation (ft above msl) ^a
MW-1	08/06/91	21.28	10.86	---	10.43
	10/23/91		11.05	0.01	10.24
	01/28/92		10.84	---	10.44
	05/04/92		9.42	<0.01	11.86
	07/13/92		11.36	---	9.92
	10/12/92		13.14	0.09	8.21
	01/12/93		7.52	0.02	13.78
	04/06/93		7.13	<0.01	14.16
	07/12/93		11.02	0.01	10.27
	10/13/93		12.18	0.01	9.11
	01/20/94		9.18	0.01	12.10
	04/13/94		8.72	0.02	12.58
	07/19/94		8.76	---	12.52
	10/27/94		10.49	---	10.79
	01/03/95		6.15	---	15.13
	04/13/95		5.24	---	16.04
	06/30/95		7.24	---	14.04
	10/11/91		9.48	---	11.80
	01/17/96		6.48	---	14.80
	04/10/96		5.38	---	15.90
	07/30/96		7.61	---	13.67
	10/17/96		8.66	---	12.62
	01/22/97		5.00	---	16.28
	04/01/97		6.42	---	14.86
	07/14/97		8.92	---	12.36
	10/08/97		9.43	---	11.85
01/19/98	1.20	---	20.08		
04/28/98	4.81	---	16.47		
MW-2	08/06/91	21.56	9.72	---	11.84
	10/23/91		10.03	---	11.53
	01/28/92		8.78	---	12.78
	05/04/92		7.58	---	13.98
	07/13/92		9.63	---	11.93
	10/12/92		11.66	0.03	9.92
	01/12/93		7.13	0.01	14.44
	04/06/93		6.40	<0.01	15.17
	07/12/93		8.75	---	12.81
	10/13/93		10.28	---	11.28
	01/20/94		---	---	---
	04/13/94		7.35	<0.01	14.22
	07/19/94		8.24	---	13.32
	10/27/94		10.26	---	13.32
	01/03/95		6.44	---	15.12
	04/13/95		5.89	---	15.67

Table 2. Ground Water Elevations - Shell Service Station WIC #204-5508-5306, 3420 San Pablo, Avenue, Oakland, California (continued)

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft below TOC)	Separate-Phase Hydrocarbon Thickness (ft)	Ground Water Elevation (ft above msl) ^a
	06/30/95		7.41	---	14.15
	10/11/95		8.02	---	13.54
	01/17/96		7.42	---	14.14
	04/10/96		6.91	---	14.65
	07/30/96		7.63	---	13.93
	10/17/96		8.28	---	13.29
	01/22/97		7.09	---	14.47
	04/01/97		6.91	---	14.65
	07/14/97		9.93	---	11.63
	10/08/97		10.43	---	11.13
	01/19/98		3.60	---	17.96
	04/28/98		5.85	---	15.71
MW-3 ^c (Abandoned)	08/06/91	21.78	11.18	---	10.60
	10/23/91		11.69	---	10.09
	01/28/92		9.99	---	11.79
	05/04/92		9.46	---	12.32
	07/13/92		11.29	---	10.49
	10/12/92		13.10	---	8.68
	01/12/93		7.32	---	14.46
	04/06/93		7.44	---	14.34
	07/12/93		10.62	---	11.16
	10/13/93		12.05	---	9.73
	01/20/94		9.62	---	12.16
	04/13/94		9.15	---	12.63
	07/19/94		10.13	---	11.65
	10/27/94		11.66	---	10.12
	01/03/95		6.89	---	14.89
	04/13/95		6.79	---	14.99
	06/30/95		8.94	---	12.84
	10/11/95		10.62	---	11.16
	01/17/96		7.18	---	14.60
	04/10/96		6.76	---	15.02
	07/30/96		9.04	---	12.74
	10/17/96		9.04	---	12.74
	01/22/97		5.03	---	16.75
	04/01/97		8.23	---	13.55
	07/14/97		9.09	---	12.69
	10/08/97		10.23	---	11.55
MW-4	08/06/91	20.31	10.57	---	9.74
	10/23/91		10.46	---	9.85
	01/28/92		9.54	---	10.77
	05/04/92		8.33	---	11.98

Table 2. Ground Water Elevations - Shell Service Station WIC #204-5508-5306, 3420 San Pablo, Avenue, Oakland, California (continued)

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft below TOC)	Separate-Phase Hydrocarbon Thickness (ft)	Ground Water Elevation (ft above msl) ^a
	07/13/92		9.87	---	10.44
	10/12/92		12.43	0.78	8.50
	01/12/93		7.12	1.0	13.99
	04/06/93		7.23	0.95	13.84
	07/12/93		10.08	0.03	10.25
	10/13/93		11.35	0.12	9.06
	01/20/94		9.06	0.02	11.26
	04/13/94		8.58	0.01	11.74
	07/19/94		9.71	---	10.60
	10/27/94		10.60	0.03	9.73
	01/03/95		5.49	0.01	14.83
	04/13/95		6.53	0.03	13.80
	06/30/95		9.57	---	10.74
	10/11/95		10.30	---	10.01
	01/17/96		6.68	---	13.63
	04/10/96		7.90	---	12.41
	07/30/96		8.73	---	11.58
	10/17/96		9.97	---	10.34
	01/22/97		5.26	---	15.05
	04/01/97		8.02	---	12.29
	07/14/97		10.05	---	10.26
	10/08/97		10.22	---	10.09
	01/19/98 ^b		---	---	---
	04/28/98 ^b		---	---	---
MW-5	08/06/91	20.91	10.23	---	10.68
	10/23/91		10.89	---	10.02
	01/28/92		8.45	---	12.46
	05/04/92		8.05	---	12.86
	07/13/92		10.00	---	10.91
	10/12/92		11.83	0.01	9.09
	01/12/93		6.10	<0.01	14.81
	04/06/93		6.18	---	14.73
	07/12/93		9.59	---	11.32
	10/13/93		10.80	0.03	10.13
	01/20/94		7.42	0.01	13.49
	04/13/94		7.05	0.01	13.87
	07/19/94		8.57	---	12.34
	10/27/94		10.14	---	10.77
	01/03/95		5.84	---	15.07
	04/13/95		5.28	---	15.63
	06/30/95		7.43	---	13.48
	10/11/95		8.90	---	12.01
	01/17/96		6.40	---	14.51

Table 2. Ground Water Elevations - Shell Service Station WIC #204-5508-5306, 3420 San Pablo, Avenue, Oakland, California (continued)

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft below TOC)	Separate-Phase Hydrocarbon Thickness (ft)	Ground Water Elevation (ft above msl) ^a
	04/10/96		5.70	---	15.21
	07/30/96		7.71	---	13.20
	10/17/96		9.04	---	11.87
	01/22/97		4.85	---	16.06
	04/01/97		6.54	---	14.37
	07/14/97		8.54	---	12.37
	10/08/97		9.09	---	11.82
	01/19/98		2.11	---	18.80
	04/28/98		4.90	---	16.01
MW-6 ^c (Abandoned)	08/06/91	22.32	10.61	---	11.71
	10/23/91		11.68	---	10.64
	01/28/92		8.90	---	13.42
	05/04/92		8.01	---	14.31
	07/13/92		10.77	---	11.55
	10/12/92		13.36	0.48	9.34
	01/12/93		6.40	<0.01	15.92
	04/06/93		5.93	---	16.39
	07/12/93		10.25	---	12.07
	10/13/93		12.28	0.2	10.20
	01/20/94		9.14	0.02	13.20
	04/13/94		7.67	0.01	14.66
	07/19/94		10.07	0.07	12.31
	10/27/94		11.84	0.11	10.57
	01/03/95		7.80	0.02	14.54
	04/13/95		5.77	0.02	16.57
	06/30/95		7.78	---	14.54
	10/11/95		10.06	---	12.26
	01/17/96		6.91	---	15.41
	04/10/96		5.92	---	16.40
	07/30/96		8.97	---	13.35
	10/17/96		9.87	---	12.45
	01/22/97		4.43	---	17.89
	04/01/97		6.84	---	15.48
	07/14/97		10.30	---	12.02
	10/08/97		10.46	---	11.86
MW-7	08/06/91	20.36	8.00	---	12.36
	10/23/91		8.16	---	12.20
	01/28/92		7.11	---	13.25
	05/04/92		6.47	---	13.89
	07/13/92		7.73	---	12.63
	10/12/92		8.68	---	11.68
	01/12/93		6.26	---	14.10

**Table 2. Ground Water Elevations - Shell Service Station WIC #204-5508-5306,
3420 San Pablo, Avenue, Oakland, California (continued)**

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft below TOC)	Separate-Phase Hydrocarbon Thickness (ft)	Ground Water Elevation (ft above msl) ^a
	04/06/93		5.92	---	14.44
	07/12/93		7.27	---	13.09
	10/13/93		9.40	---	10.96
	01/20/94		7.03	0.05	13.37
	04/13/94		6.56	0.16	13.93
	07/19/94		6.91	0.20	13.61
	10/27/94		8.28	0.04	12.11
	01/03/95		6.48	0.02	13.90
	04/13/95		6.54	0.02	13.84
	06/30/95		7.08	---	13.28
	10/11/95		7.88	0.04	12.51
	01/17/96		7.26	0.04	13.13
	04/10/96		6.98	0.05	13.42
	07/30/96		7.34	0.03	13.04
	10/17/96		7.63	0.02	12.75
	01/22/97		6.46	---	13.90
	04/01/97		6.97	---	13.39
	07/14/97		8.90	0.03	11.48
	10/08/97		9.21	0.01	11.15
	01/19/98		4.65	---	15.71
	04/28/98		6.53	---	13.83
MW-8	08/06/91	20.95	9.60	---	11.35
	10/23/91		9.73	---	11.22
	01/28/92		7.72	---	13.23
	05/04/92		6.48	---	14.47
	07/13/92		8.55	---	12.40
	10/12/92		9.97	---	10.98
	01/12/93		6.94	---	14.01
	04/06/93		5.72	---	15.23
	07/12/93		7.65	---	13.30
	10/13/93		8.25	---	12.70
	01/20/94		7.25	---	13.70
	04/13/94		7.12	---	13.83
	07/19/94		7.43	---	13.52
	10/27/94		7.55	---	13.40
	01/03/95		6.04	---	14.91
	04/13/95		5.04	---	15.91
	06/30/95		5.72	---	15.23
	10/11/95		7.06	---	13.89
	01/17/96		5.84	---	15.11
	04/10/96		5.03	---	15.92
	07/30/96		6.36	---	14.59
	10/17/96		5.94	---	15.01

**Table 2. Ground Water Elevations - Shell Service Station WIC #204-5508-5306,
3420 San Pablo, Avenue, Oakland, California (continued)**

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft below TOC)	Separate-Phase Hydrocarbon Thickness (ft)	Ground Water Elevation (ft above msl) ^a
	01/22/97		5.93	---	15.02
	04/01/97		6.24	---	14.71
	07/14/97		8.59	---	12.36
	10/08/97		9.04	---	11.91
	01/19/98		3.34	---	17.61
	04/28/98^b		5.87	---	15.32
MW-9	08/06/91	21.19	10.33	---	10.86
	10/23/91		11.13	---	10.06
	01/28/92		9.02	---	12.17
	05/04/92		7.67	---	13.52
	07/13/92		10.26	---	10.93
	10/12/92		12.19	---	9.0
	01/12/93 ^b		---	---	---
	04/06/93 ^b		---	---	---
	07/12/93 ^b		---	---	---
	10/13/92		11.17	---	10.02
	01/20/94		8.03	---	13.16
	04/13/94		7.81	---	13.38
	07/19/94		8.96	---	12.23
	10/27/94		11.00	---	10.19
	01/03/95		6.60	---	14.59
	04/13/95		6.73	---	14.46
	06/30/95		7.32	---	13.87
	10/11/95		8.10	---	13.09
	01/17/96		5.75	---	15.44
	04/10/96		5.17	---	16.02
	07/30/96		8.10	---	13.09
	10/17/96		9.12	---	12.07
	01/22/97		4.72	---	16.47
	04/01/97		6.86	---	14.33
	07/14/97		10.04	---	11.15
	10/08/97		11.38	---	9.81
	01/19/98		3.88	---	17.31
	04/28/98		5.87	---	15.32
MW-10	10/23/91	19.74	8.57	---	11.17
	01/28/92		7.60	---	12.14
	05/04/92		7.54	---	12.20
	07/13/92		8.59	---	11.15
	10/12/92		10.23	---	9.51
	01/12/93 ^b		---	---	---
	04/06/93		6.70	---	13.04
	07/12/93 ^b		8.05	---	11.69

**Table 2. Ground Water Elevations - Shell Service Station WIC #204-5508-5306,
3420 San Pablo, Avenue, Oakland, California (continued)**

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft below TOC)	Separate-Phase Hydrocarbon Thickness (ft)	Ground Water Elevation (ft above msl) ^a
	10/13/93		8.25	---	11.49
	01/20/94		7.20	---	12.54
	04/13/94		7.57	---	12.17
	07/19/94		8.18	---	11.56
	10/27/94		8.68	---	11.06
	01/03/95		6.86	---	12.88
	04/13/95		6.91	---	12.83
	06/30/95		7.61	---	12.13
	10/11/95		---	---	---
	01/17/96		7.00	---	12.74
	07/30/96 ^b		---	---	---
	10/17/96		---	---	---
	01/22/97		6.68	---	13.06
	04/01/97		7.34	---	12.40
	07/14/97		8.10	---	11.64
	10/08/97		8.20	---	11.54
	01/19/98 ^b		---	---	---
	04/28/98 ^b		---	---	---
MW-11	10/23/91	22.06	14.00	---	8.06
	01/28/92		8.74	---	3.32
	05/04/92		8.29	---	13.77
	07/13/92		10.50	---	11.56
	10/12/92		12.40	---	9.66
	01/12/93 ^b		---	---	---
	04/06/93 ^b		---	---	---
	07/12/93 ^b		---	---	---
	10/13/93		11.47	---	10.59
	01/20/94		9.09	---	12.97
	04/13/94		8.02	---	14.04
	07/19/94		9.82	---	12.24
	10/27/94		11.66	---	10.40
	01/03/95		6.15	---	15.91
	04/13/95		6.00	---	16.06
	06/30/95		8.31	---	13.75
	10/11/95		10.30	---	11.76
	01/17/96		6.45	---	15.61
	04/10/96		6.05	---	16.01
	07/30/96		8.92	---	13.14
	10/17/96		9.24	---	12.82
	01/22/97		5.12	---	16.94
	04/01/97		7.41	---	14.65
	07/14/97		9.74	---	12.32
	10/08/97		10.23	---	11.83

Table 2. Ground Water Elevations - Shell Service Station WIC #204-5508-5306, 3420 San Pablo, Avenue, Oakland, California (continued)

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft below TOC)	Separate-Phase Hydrocarbon Thickness (ft)	Ground Water Elevation (ft above msl) ^a
	01/19/98		3.69	---	18.37
	04/28/98		5.83	---	16.23

Notes and Abbreviations:

- a = When separate-phase hydrocarbons are present ground water elevation is adjusted using the relation:
Corrected ground water elevation = Top of casing elevation - depth to water + (0.8 x hydrocarbon thickness)
- b = Well inaccessible
- c = Well abandoned December 5, 1997
- = Not measured/Not available
- ft = Feet
- msl = Mean sea level
- TOC= Top of casing

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	(Concentrations in µg/L)						DO (mg/L)
			TPH-G	B	T	E	X	MTBE	
MW-1	08/06/91 ^{SPH}	10.86	---	---	---	---	---	---	---
	10/23/91	11.05	32,000	2,700	360	550	3,700	---	---
	01/28/92	10.84	14,000	1,000	106	450	1,600	---	---
	05/05/92	9.42	98,000	11,000	1,200	3,500	18,000	---	---
	07/13/92	11.36	11,000	1,100	130	740	1,300	---	---
	10/12/92 ^{SPH}	13.14	---	---	---	---	---	---	---
	01/12/93 ^{SPH}	7.52	---	110	---	---	---	---	---
	04/06/93 ^{SPH}	7.13	---	---	---	---	---	---	---
	07/12/93 ^{SPH}	11.02	---	---	---	---	---	---	---
	10/13/93 ^{SPH}	12.18	---	---	---	---	---	---	---
	01/20/94 ^{SPH}	9.18	---	---	---	---	---	---	---
	04/13/94 ^{SPH}	8.72	---	---	---	---	---	---	---
	07/19/94	8.76	17,000	420	140	530	1,300	---	---
	10/27/94	10.49	23,000	1,200	130	990	960	---	---
	01/03/95	6.15	31,000	610	160	1,200	5,000	---	---
	04/13/95	5.24	20,000	340	42	680	2,900	---	---
	06/30/95	7.24	16,000	450	62	460	1,200	---	---
	10/11/95	9.48	8,400	660	47	510	850	8,000	---
	10/13/95	---	7,400	730	54	490	1,100	8,200	---
	01/17/96	6.48	24,000	570	110	820	2,900	15,000	---
	04/10/96	5.38	20,000	120	11	420	1,400	15,000	---
	07/30/96	7.61	7,900	240	22	170	300	12,000	---
	10/17/96	8.66	6,600	1,000	20	120	130	10,000	1.4
	01/22/97	5.00	13,000	170	<50	330	1,200	18,000	1.6
	04/01/97	6.42	7,900	240	26	130	200	6,400	1.4
	07/14/97	8.92	5,000	<20	<20	59	61	9,000	1.9
	10/08/97	9.43	3,200	180	7.6	18	6.1	11,000	4.8
	01/19/98	1.20	8,100	39	<20	280	660	1,100	2.6
	01/19/98 ^{dnp}	1.20	8,200	43	<20	280	660	1,100	2.6
	04/28/98	4.81	2,900	62	<10	160	370	1,200(1,200)	2.4^e

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	(Concentrations in µg/L)						DO (mg/L)
			TPH-G	B	T	E	X	MTBE	
MW-2	08/06/91	9.72	50,000	15,000	---	2,700	13,000	---	---
	10/23/91	10.03	120,000	11,000	1,400	3,500	19,000	---	---
	01/28/92	8.78	49,000	7,400	800	1,800	8,300	---	---
	05/05/92	7.58	52,000	12,000	1,100	2,200	12,000	---	---
	07/13/92	9.63	47,000	15,000	2,400	4,500	16,000	---	---
	10/12/92 ^{SPH}	11.66	---	---	---	---	---	---	---
	01/12/93 ^{SPH}	7.13	---	---	---	---	---	---	---
	04/06/93 ^{SPH}	6.40	---	---	---	---	---	---	---
	07/12/93	8.75	59,000	12,000	950	2,400	11,000	---	---
	10/13/93	10.28	54,000	14,000	1,200	3,700	22,000	---	---
	01/20/94	---	---	---	---	---	---	---	---
	04/13/94	7.35	79,000	9,400	740	2,100	12,000	---	---
	04/13/94 ^{dup}	7.35	110,000	11,000	710	2,400	13,000	---	---
	07/19/94	8.24	63,000	13,000	810	1,900	13,000	---	---
	07/19/94 ^{dup}	8.24	12,000	12,000	140	340	12,000	---	---
	10/27/94	10.26	64,000	8,800	480	2,100	10,000	---	---
	01/03/95	6.44	67,000	9,800	720	2,800	11,000	---	---
	01/03/95 ^{dup}	6.44	58,000	9,700	620	2,700	12,000	---	---
	04/13/95	5.89	83,000	10,000	490	2,600	13,000	---	---
	04/13/95 ^{dup}	5.89	74,000	9,500	350	2,100	11,000	---	---
	06/30/95	7.41	65,000	12,000	1,800	2,400	12,000	---	---
	10/11/95	8.02	68,000	8,800	840	3,000	13,000	1,400	---
	01/17/96	7.42	79,000	12,000	640	2,700	14,000	2,200	---
	01/17/96 ^{dup}	7.42	78,000	12,000	920	2,500	12,000	2,500	---
	04/10/96	6.91	84,000	7,200	310	1,700	7,800	2,900	---
	07/30/96	7.63	26,000	6,800	210	1,300	5,500	4,500	---
	10/17/96	8.27	46,000	9,800	340	2,000	6,500	4,900	1.8
	01/22/97	7.09	52,000	6,200	220	1,400	6,600	3,000	1.9
	01/22/97 ^{dup}	7.09	54,000	6,100	230	1,400	6,500	2,600	1.9
	04/01/97	6.91	69,000	6,000	380	2,400	11,000	3,800	2.0

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	TPH-G	(Concentrations in µg/L)					DO (mg/L)
				B	T	E	X	MTBE	
	07/14/97	9.93	53,000	7,700	260	1,600	5,200	2,400	1.2
	07/14/97 ^{dup}	9.93	59,000	8,700	400	1,900	6,900	2,700	1.2
	10/08/97	10.43	56,000	8,500	320	1,600	5,100	4,200	2.1
	10/08/97 ^{dup}	10.43	53,000	8,300	330	1,600	5,200	2,900	2.1
	01/19/98	3.60	64,000	10,000	230	2,400	12,000	2,700	2.4
	04/28/98	4.81	45,000	9,800	310	2,700	11,000	2,400(2,000)	2.0^e
	04/28/98^{dup}	4.81	4,400	9,200	260	2,500	9,700	2,300	2.0^e
MW-3 ^d (Abandoned)	08/06/91	11.18	430	8	1	4	15	---	---
	10/23/91	11.69	390	2.10	<0.3	0.48	2	---	---
	01/28/92	9.99	190	<0.5	<0.5	<0.5	<0.5	---	---
	05/04/92	9.46	190	<1	<1	<1	0.71	---	---
	07/20/92	11.29	200 ^u	<0.5	<0.5	<0.5	<0.5	---	---
	10/12/92	13.10	180 ^d	<0.5	<0.5	<0.5	<0.5	---	---
	01/12/93	7.32	180	<0.5	2.3	0.9	5.6	---	---
	01/12/93 ^{dup}	7.32	260	<0.5	<0.5	<0.5	<0.5	---	---
	04/06/93	7.44	280	<0.5	<0.5	<0.5	<0.5	---	---
	07/12/93	10.62	310 ^u	<0.5	<0.5	<0.5	<0.5	---	---
	10/13/93	12.05	150	<0.5	<0.5	<0.5	<0.5	---	---
	01/20/94	9.62	180	<0.5	<0.5	<0.5	<0.5	---	---
	04/13/94	9.15	270	<0.5	<0.5	<0.5	<0.5	---	---
	07/19/94	10.13	190*	<0.5	<0.5	<0.5	<0.5	---	---
	10/27/94	11.66	160*	<0.5	<0.5	<0.5	<0.5	---	---
	01/03/95	6.89	100*	<0.5	<0.5	<0.5	<0.5	---	---
	04/13/95	6.79	120*	<0.5	<0.5	<0.5	<0.5	---	---
	06/30/95	8.94	180*	<0.5	<0.5	<0.5	<0.5	---	---
	10/11/95	10.62	150	2.2	<0.5	<0.5	<0.5	2.3	---
	01/17/96	7.18	120	<0.5	<0.5	<0.5	<0.5	7.8	---
	04/10/96	6.76	160	<0.5	<0.5	<0.5	<0.5	12	---
	07/30/96	9.04	57	<0.5	<0.5	<0.5	<0.5	<2.5	---

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	TPH-G	B	(Concentrations in µg/L)				DO (mg/L.)
					T	E	X	MTBE	
	10/17/96	9.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5	2.0
	01/22/97	5.03	<50	<0.5	<0.5	<0.5	<0.5	3.7	2.4
	04/01/97	8.23	71	<0.50	<0.50	<0.50	<0.50	--- ^c	1.6
	07/14/97	9.09	<50	<0.50	<0.50	<0.50	1.5	--- ^c	1.9
	10/08/97	10.23	73	<0.50	<0.50	<0.50	<0.50	--- ^c	5.5
MW-4	08/06/91	10.57	1,300	28	18	68	150	---	---
	10/23/91	10.46	1,900	97	6.10	38	77	---	---
	01/28/92	9.54	200	7.60	<0.5	3	3.30	---	---
	05/04/92	8.33	690	98	3	13	<1	---	---
	07/13/92	9.87	1,500	140	2.90	17	12	---	---
	07/13/92 ^{dup}	9.87	870	95	1.90	10	7.10	---	---
	10/12/92 ^{SPH}	12.43	---	---	---	---	---	---	---
	01/12/93 ^{SPH}	7.12	---	---	---	---	---	---	---
	04/06/93 ^{SPH}	7.23	---	---	---	---	---	---	---
	07/12/93 ^{SPH}	10.08	---	---	---	---	---	---	---
	10/13/93 ^{SPH}	11.35	---	---	---	---	---	---	---
	01/20/94 ^{SPH}	9.06	---	---	---	---	---	---	---
	04/13/84 ^{SPH}	8.58	---	---	---	---	---	---	---
	07/18/94	9.71	12,000	230	43	230	660	---	---
	10/27/94 ^{SPH}	10.60	---	---	---	---	---	---	---
	01/03/95 ^{SPH}	5.49	---	---	---	---	---	---	---
	04/13/95 ^{SPH}	6.53	---	---	---	---	---	---	---
	06/30/95	9.57	7,400	140	<0.5	160	350	---	---
	10/11/95	10.30	3,000	29	10	100	82	9,700	---
	01/17/96	6.68	9,700	190	<0.5	190	410	4,500	---
04/10/96	7.90	2,800	16	<0.5	22	50	6,100	---	
07/30/96	8.73	1,600	68	<12	58	39	8,500	2.8	
10/17/96	7.63	4,800	120	<25	150	96	11,000	2.8	
01/22/97	5.26	12,000	83	<20	170	240	4,300	2.6	

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	TPH-G	B	(Concentrations in µg/L)				DO (mg/L)
					T	E	X	MTBE	
	04/01/97	8.02	4,800	65	<5.0	81	93	3,200	2.4
	07/14/97	10.05	2,400	35	<10	30	20	6,000	2.0
	10/08/97	10.22	2,900	66	<20	<20	<20	7,300	5.9
	01/19/98 ^b	---	---	---	---	---	---	---	---
	04/28/98 ^b	---	---	---	---	---	---	---	---
MW-5	08/06/91	10.23	9,100	210	27	240	660	---	---
	10/23/91	10.89	12,000	92	18	230	450	---	---
	01/28/92	8.45	3,300	130	10	180	220	---	---
	05/04/92	8.05	3,900	95	<12.5	260	120	---	---
	07/13/92	10.00	4,100	180	12	250	73	---	---
	10/12/92 ^{SPH}	11.83	---	---	---	---	---	---	---
	01/12/93 ^{SPH}	6.10	---	---	---	---	---	---	---
	04/06/93	6.18	6,200	71	<0.5	53	150	---	---
	07/12/93	9.59	3,400	130	<0.5	170	130	---	---
	10/13/93 ^{SPH}	10.80	---	---	---	---	---	---	---
	01/20/94 ^{SPH}	7.42	---	---	---	---	---	---	---
	04/13/94 ^{SPH}	7.05	---	---	---	---	---	---	---
	07/19/94	8.57	11,000	180	13	180	260	---	---
	10/27/94	10.14	6,900	82	<5	210	1110	---	---
	01/03/95	5.84	12,000	110	46	790	510	---	---
	04/13/95	5.28	10,000	61	<20	330	140	---	---
	06/30/95	7.43	12,000	180	8.60	440	340	---	---
	10/11/95	8.90	11,000	<50	<50	440	340	5,100	---
	10/11/96 ^{dup}	8.90	11,000	95	<50	440	330	660	---
	01/17/96	6.40	82,000	330	120	960	1,400	820	---
	04/10/96	5.70	23,000	<50	<50	360	190	770	---
	04/10/96 ^{dup}	5.70	19,000	84	<50	430	200	590	---
	07/30/96	7.71	38,000	3,000	<100	1,100	2,600	560	---
	10/17/96	9.04	13,000	36	<10	210	160	720	1.4

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	(Concentrations in µg/L)						DO (mg/L)
			TPH-G	B	T	E	X	MTBE	
	10/17/96 ^{dup}	9.04	11,000	75	<10	180	150	450	1.4
	01/22/97	4.85	20,000	63	<50	380	390	650	1.6
	04/01/97	6.54	16,000	110	<50	390	320	2,200	1.4
	07/14/97	8.54	15,000	70	<20	220	170	450	1.8
	10/08/97	9.09	9,100	27	11	170	57	530	4.7
	01/19/98	2.11	9,500	92	<50	200	77	1,100	2.5
	04/28/98	4.90	15,000	100	53	150	80	460	2.2^e
MW-6 ^d (Abandoned)	08/06/91	10.61	28,000	1,400	200	1,300	4,200	----	----
	10/23/91	11.68	53,000	1,400	230	1,800	6,700	----	----
	01/28/92	8.90	87,000	1,200	470	2,000	6,600	----	----
	05/05/92	8.01	230,000	<500	<500	3,200	11,000	----	----
	07/13/92	10.77	2,700,000	<2,500	3,500	14,000	36,000	----	----
	10/12/92 ^{SPH}	8.68	----	----	----	----	----	----	----
	01/12/93 ^{SPH}	6.40	----	----	----	----	----	----	----
	04/06/93	5.93	320,000	2,500	14,000	980	14,000	----	----
	07/12/93	10.25	31,000	1,100	4,500	150	4,500	----	----
	07/12/93 ^{dup}	10.25	25,000	1,200	4,800	270	4,800	----	----
	10/13/93 ^{SPH}	12.28	----	----	----	----	----	----	----
	01/20/94 ^{SPH}	9.14	----	----	----	----	----	----	----
	04/13/94 ^{SPH}	7.67	----	----	----	----	----	----	----
	07/19/94 ^{SPH}	10.07	----	----	----	----	----	----	----
	10/27/94 ^{SPH}	11.84	----	----	----	----	----	----	----
	01/03/95 ^{SPH}	7.80	----	----	----	----	----	----	----
	04/13/95 ^{SPH}	5.77	----	----	----	----	----	----	----
	06/30/95	7.78	1,100,000	6,600	6,100	12,000	29,000	----	----
	10/11/95	10.06	30,000	130	<50	1,400	4,200	710	----
	01/17/96	6.91	450,000	510	1,400	2,700	11,000	630	----
	04/10/96	5.92	22,000	47	<10	350	860	<50	----
	07/30/96	8.97	38,000	3,000	<100	1,100	2,600	560	----

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	TPH-G	B	(Concentrations in µg/L)				DO (mg/L)
					T	E	X	MTBE	
	07/30/96 ^{dup}	8.97	38,000	450	100	1,000	3,100	800	---
	10/17/96 ^{SPH}	9.87	34,000	470	<100	1,300	3,900	<500	1.0
	01/22/97	4.43	26,000	<100	<100	600	1,700	<500	1.3
	04/01/97	6.84	30,000	96	33	840	2,600	190	1.4
	07/14/97	10.30	29,000	200	<100	690	2,000	<500	2.3
	10/08/97	10.46	55,000	500	110	640	1,500	900	0.0
MW-7	08/06/91	8.00	13,000	4,300	76	770	730	---	---
	10/23/91	8.16	18,000	3,200	31	660	770	---	---
	01/28/92	7.11	5,000	1,200	<10	220	54	---	---
	05/05/92	6.47	9,500	3,100	72	620	880	---	---
	07/13/92	7.73	20,000	4,200	130	1,600	1,100	---	---
	10/12/92	9.97	16,000	2,500	170	560	170	---	---
	01/12/93	6.26	15,000	2,300	<50	690	440	---	---
	04/06/93	5.92	26,000	5,400	<0.5	1,200	3,000	---	---
	04/06/93 ^{dup}	5.92	21,000	5,200	180	1,200	3,000	---	---
	07/12/93	7.27	10,000	3,000	100	510	530	---	---
	10/13/93	9.40	59,000	13,000	4,400	4,400	20,000	---	---
	01/20/94 ^{SPH}	7.03	---	---	---	---	---	---	---
	04/13/94 ^{SPH}	6.56	---	---	---	---	---	---	---
	07/19/94 ^{SPH}	6.91	---	---	---	---	---	---	---
	10/27/94 ^{SPH}	8.28	---	---	---	---	---	---	---
	01/03/95 ^{SPH}	6.48	---	---	---	---	---	---	---
	04/13/95 ^{SPH}	6.54	---	---	---	---	---	---	---
	06/30/95	7.08	900,000	11,000	8,500	14,000	52,000	---	---
	10/11/95 ^{SPH}	7.88	---	---	---	---	---	---	---
	01/17/96 ^{SPH}	7.26	---	---	---	---	---	---	---
04/10/96 ^{SPH}	6.98	---	---	---	---	---	---	---	
07/30/96	7.34	---	---	---	---	---	---	---	
10/17/96 ^{SPH}	7.63	---	---	---	---	---	---	---	

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	(Concentrations in µg/L)						DO (mg/L)
			TPH-G	B	T	E	X	MTBE	
	01/22/97	6.46	56,000	2,000	520	1,400	8,400	1,800	0.5
	04/01/97	6.97	66,000	3,600	460	2,400	10,000	2,300	1.6
	07/14/97 ^{SPH}	8.90	---	---	---	---	---	---	---
	10/08/97	9.21	68,000	3,200	470	2,400	9,700	3,300	2.1
	01/19/98	4.65	44,000	1,800	220	1,700	7,800	1,600	1.6
	04/28/98	6.53	82,000	1,500	<500	1,200	8,900	<2,500	1.3^e
MW-8	08/06/91	9.60	32,000	3,700	1,100	1,400	6,100	----	----
	10/23/91	9.73	63,000	4,800	1,300	1,300	6,900	----	----
	01/28/92	7.72	32,000	1,900	750	1,400	6,300	----	----
	05/05/92	6.48	180,000	2,200	2,000	2,700	13,000	----	----
	07/13/92	8.55	56,000	4,500	1,500	2,700	9,100	----	----
	10/12/92	9.97	34,000	2,400	550	1,400	6,400	----	----
	10/12/92 ^{dup}	9.97	34,000	3,100	700	1,500	7,200	----	----
	01/12/93	6.94	110,000	2,100	1,200	2,400	12,000	----	----
	04/06/93	5.72	38,000	2,500	840	1,100	4,900	----	----
	07/12/93	7.65	27,000	2,800	990	1,200	5,300	----	----
	10/13/93	8.25	32,000	3,300	1,300	1,600	8,400	----	----
	10/13/93 ^{dup}	8.25	47,000	3,200	1,300	1,600	8,500	----	----
	01/20/94	7.25	78,000	1,900	670	1,300	6,600	----	----
	01/20/94 ^{dup}	7.25	60,000	1,700	680	1,100	5,500	----	----
	04/13/94	7.12	41,000	1,300	720	1,200	6,000	----	----
	07/19/94	7.43	140,000	1,800	1,400	2,000	9,000	----	----
	10/27/94	7.55	32,000	1,200	670	1,200	5,700	----	----
	10/27/94 ^{dup}	7.55	42,000	1,100	650	1,100	5,700	----	----
	01/03/95	6.04	38,000	1,000	700	1,500	7,500	----	----
	04/13/95	5.04	31,000	1,200	570	1,000	5,300	----	----
	06/30/95	5.72	110,000	2,000	1,500	2,000	9,700	----	----
	10/11/95	7.06	36,000	170	60	1,300	6,300	510	----
	01/17/96	5.84	38,000	1,000	520	1,100	6,200	950	----

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	(Concentrations in µg/L)					DO (mg/L.)	
			TPH-G	B	T	E	X		
	04/10/96	5.03	54,000	650	260	850	4,700	<250	----
	07/30/96	6.36	33,000	780	330	830	4,200	1,700	----
	10/17/96	5.94	35,000	750	300	1,100	5,000	1,200	1.6
	01/22/97	5.93	25,000	260	78	420	2,400	120	1.8
	04/01/97	6.24	22,000	680	180	550	2,500	260	1.8
	07/14/97	8.59	29,000	870	200	850	3,100	500	1.4
	10/08/97	9.04	27,000	1,000	190	960	3,000	170	4.6
	01/19/98	3.34	21,000	660	160	740	3,300	170	2.2
	04/28/98 ^b	---	---	---	---	---	---	---	---
MW-9	08/06/91	10.33	11,000	1,700	95	520	1,400	----	----
	10/23/91	11.13	20,000	1,000	47	<0.3	940	----	----
	01/28/92	9.02	3,500	120	<10	280	36	----	----
	05/04/92	7.67	7,700	1,200	<50	380	630	----	----
	07/20/92	10.26	11,000	910	<50	220	1,200	----	----
	10/12/92	12.19	2,100	340	15	77	44	----	----
	01/12/93 ^b	----	----	----	----	----	----	----	----
	04/06/93 ^b	----	----	----	----	----	----	----	----
	07/12/93 ^b	----	----	----	----	----	----	----	----
	10/13/93	11.17	2,900	140	<5	<5	120	----	----
	01/20/94	8.03	1,700	380	6.90	150	400	----	----
	04/13/94	7.81	6,000	1,000	<20	450	420	----	----
	07/19/94	8.96	12,000	1,400	<5	740	1,200	----	----
	10/27/94	11.00	10,000	1,200	160	280	860	----	----
	01/03/95	6.60	4,400	680	7.70	180	370	----	----
	04/13/95	6.73	1,700	270	<10	69	170	----	----
	06/30/95	7.32	14,000	2,200	18	900	2,600	----	----
	06/30/95 ^{dup}	7.32	13,000	2,100	17	870	2,500	----	----
	10/11/95	8.10	9,600	35	12	360	980	590	----
	01/17/96	5.75	2,800	150	7.41	54	130	170	----

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	TPH-G	B	(Concentrations in µg/L)				DO (mg/L)
					T	E	X	MTBE	
	04/10/96	5.17	5,200	290	<5	92	220	240	----
	07/30/96	8.1	5,100	960	<10	380	770	670	----
	10/17/96	9.12	15,000	2,100	<25	590	1,300	1,500	2.4
	01/22/97	4.72	5,600	690	<5.0	140	310	620	2.2
	04/01/97	6.86	4,000	590	<10	140	200	600	2.2
	04/01/97 ^{dup}	6.86	4,800	660	<25	160	230	810	2.2
	07/14/97	10.04	7,100	860	<10	51	230	950	3.8
	10/08/97	11.38	1,500	57	<2.0	2.0	13	540	8.2
	01/19/98	3.88	2,500	280	<20	79	61	620	1.4
	04/28/98	5.87	2,200	330	<20	91	110	640	1.6^e
MW-10	10/23/91	8.57	27,000	1,600	110	1,800	510	----	----
	01/28/92	7.60	3,800	360	14	170	39	----	----
	05/04/92	7.54	3,000	360	<12.5	140	26	----	----
	07/20/92	8.59	15,000	400	<25	180	67	----	----
	10/12/92	10.23	16,000	320	<50	360	100	----	----
	01/12/93 ^b	----	----	----	----	----	----	----	----
	04/06/93	6.70	14,000	370	<0.5	880	210	----	----
	07/12/93	8.05	10,000	440	58	890	220	----	----
	10/13/93	8.25	15,000	1,000	51	810	170	----	----
	01/20/94	7.20	12,000	820	56	1,100	350	----	----
	04/13/94	7.57	18,000	760	36	700	130	----	----
	07/19/94	8.18	24,000	400	2.30	800	22	----	----
	10/27/94	8.68	11,000	360	43	310	89	----	----
	01/03/95	6.86	17,000	770	38	690	160	----	----
	04/13/95	6.91	9,900	650	16	280	40	----	----
	06/30/95	7.61	12,000	750	20	480	130	----	----
	01/17/96	7.00	17,000	870	260	93	830	----	----
	04/10/96	6.80	14,000	470	38	110	370	----	----
	07/30/96	----	----	----	----	----	----	----	----

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	TPH-G	B	(Concentrations in µg/L)				DO (mg/L)
					T	E	X	MTBE	
	10/17/96	---	---	---	---	---	---	---	---
	01/22/97	6.68	10,000	520	<20	64	32	180	3.1
	04/01/97	7.34	11,000	590	<20	53	32	210	2.8
	07/14/97	8.10	6,600	410	13	28	11	89	1.4
	10/08/97	8.2	7,600	220	13	65	22	190	6.4
	01/19/98 ^b	---	---	---	---	---	---	---	---
	04/28/98 ^b	---	---	---	---	---	---	---	---
MW-11	10/23/91	8.06	140	<12	<0.3	0.37	0.56	----	----
	01/28/92	13.32	<50	<0.5	<0.5	<0.5	<0.5	----	----
	05/04/92	13.77	<50	<0.5	<0.5	<0.5	<0.5	----	----
	07/13/92	11.56	140	<0.5	<0.5	<0.5	<0.5	----	----
	10/12/92	12.40	75	<0.5	<0.5	<0.5	<0.5	----	----
	01/12/93 ^b	----	----	----	----	----	----	----	----
	04/06/93 ^b	----	----	----	----	----	----	----	----
	07/12/93 ^b	----	----	----	----	----	----	----	----
	10/13/93	11.47	<50	<0.5	<0.5	<0.5	<0.5	----	----
	01/20/94	9.09	<50	<0.5	<0.5	<0.5	<0.5	----	----
	04/13/94	8.02	<50	<0.5	<0.5	<0.5	<0.5	----	----
	07/19/94	9.82	50	<0.5	<0.5	<0.5	<0.5	----	----
	10/27/94	11.66	60*	<0.5	<0.5	<0.5	<0.5	----	----
	01/03/95	6.15	<50	<0.5	<0.5	<0.5	<0.5	----	----
	04/13/95	6.00	<50	<0.5	<0.5	<0.5	<0.5	----	----
	06/30/95	8.31	70	<0.5	<0.5	<0.5	<0.5	----	----
	10/11/95	10.30	60	53	<0.5	<0.5	0.80	3.0	----
	01/17/96	6.45	<50	<0.5	<0.5	<0.5	<0.5	<2	----
	04/10/96	6.05	<50	<0.5	<0.5	<0.5	<0.5	3.9	----
	07/30/96	8.92	<50	<0.5	<0.5	<0.5	<0.5	<2.5	----
	10/17/96	9.24	3,000	28	23	29	210	76	----
	01/22/97	5.12	<50	<0.5	<0.5	<0.5	<0.5	<2.5	3.7

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	TPH-G	(Concentrations in µg/L)					DO (mg/L)
				B	T	E	X	MTBE	
	04/01/97	7.41	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
	07/14/97	9.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.9
	10/08/97	10.23	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	01/19/98	3.69	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.2
	04/28/98	5.83	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0^e
Equipment	07/13/92	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
Blank	07/20/92	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	10/12/92	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	04/13/94	----	<50	<0.5	0.67	<0.5	<0.5	----	----
	07/19/94	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	10/27/94	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	01/03/95	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	04/13/95	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	06/30/95	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	10/11/95	----	<50	<0.5	<0.5	<0.5	<0.5	<0.5	----
	01/17/96	----	<50	<0.5	<0.5	<0.5	<0.5	<2	----
	04/01/97	----	<50	<0.50	<0.50	<0.50	<0.50	<2.5	----
Trip Blank	01/28/92	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	05/05/92	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	07/13/92	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	07/20/92	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	10/12/92	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	01/12/93	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	04/06/93	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	07/12/93	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	10/13/93	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	01/20/94	----	<50	<0.5	<0.5	<0.5	<0.5	----	----
	04/13/94	----	<50	<0.5	<0.5	<0.5	<0.5	----	----

Table 3. Analytical Results for Ground Water - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Well ID	Date Sampled	Depth to water (ft below TOC)	TPH-G	B	T	E	X	MTBE	DO
			← (Concentrations in µg/L) →						
	07/19/94	---	<50	<0.5	<0.5	<0.5	<0.5	---	---
	10/27/94	---	<50	<0.5	<0.5	<0.5	<0.5	---	---
	01/03/95	---	<50	<0.5	<0.5	<0.5	<0.5	---	---
	04/13/95	---	<50	<0.5	<0.5	<0.5	<0.5	---	---
	06/30/95	---	<50	<0.5	<0.5	<0.5	<0.5	---	---
	10/11/95	---	<50	<0.5	<0.5	<0.5	<0.5	<0.5	---
MCLs			NE	1	150	700	1,750	NE	

Abbreviations:

TPH-G = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
 B = Benzene by EPA Method 8020
 T = Toluene by EPA Method 8020
 E = Ethylbenzene by EPA Method 8020
 X = Xylenes by EPA Method 8020
 MTBE = Methyl tert-butyl ether by EPA Method 8020. Result in parentheses indicates MTBE by EPA Method 8260
 DO = Dissolved oxygen
 TOC = Top of casing
 µg/L = Micrograms per liter
 mg/L = Milligrams per liter
 dup = Duplicate sample
 SPH = Not sampled, separate-phase hydrocarbons detected in well
 MCLs = California primary maximum contaminant levels for drinking water (22 CCR 64444)
 NE = MCLs not established

Notes:

a = Concentration reported as gasoline is due to the presence of a discrete hydrocarbon peak that is not indicative of gasoline
 b = Not sampled; well inaccessible
 c = Analytic laboratory noted that MTBE could not be quantified due to co-eluting compound
 d = Well abandoned December 5, 1997
 e = DO measurements collected May 1, 1998
 * = The result for gasoline is an unknown hydrocarbon which consists of a single peak as confirmed by NET Laboratory
 --- = Not analyzed
 <n = Below detection limits of n µg/L

ATTACHMENT A

Blaine Ground Water Monitoring Report

BLAINE
TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
(408) 573-0555 PHONE



May 22, 1998

Shell Oil Company
P.O. Box 8080
Martinez, CA 94553

Attn: Alex Perez

Shell WIC #204-5508-5306
3420 San Pablo Avenue
Oakland, California

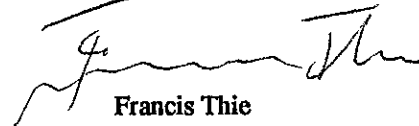
2nd Quarter 1998

Groundwater Monitoring Report 980428-J-2

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) 573-0555 ext. 201.

Yours truly,



Francis Thie

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

cc: Cambria Environmental Technology, Inc.
1144 65th Street, Suite C
Oakland, CA 94608
Attn: Maureen Feineman

(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)
MW-1	04/28/98	TOC	--	NONE	--	--	4.81	25.03
MW-2*	04/28/98	TOC	--	NONE	--	--	5.85	19.20
MW-4	04/28/98	INACCESSIBLE	--	--	--	--	--	--
MW-5	04/28/98	TOC	ODOR	NONE	--	--	4.90	24.91
MW-7	04/28/98	TOC	--	NONE	--	--	6.53	19.42
MW-8	04/28/98	INACCESSIBLE	--	--	--	--	--	--
MW-9	04/28/98	TOC	--	NONE	--	--	5.87	19.47
MW-10	04/28/98	INACCESSIBLE	--	--	--	--	--	--
MW-11	04/28/98	TOC	--	NONE	--	--	5.83	18.80

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



SHELL OIL PRODUCTS COMPANY 9804177 CHAIN OF CUSTODY RECORD

WIC OR FACILITY ID: 2104-5508-5306	Date: 04/28/98	Results to: <input checked="" type="radio"/> Consult <input type="radio"/> Shell
Site Address: 3420 San Pablo Ave Oakland Consultant/Contact: BFS Address: 3420 San Pablo Ave S.F. CA Phone: 415-771-0555 Shell Engineer: A. P. ...		Page 01 of 02

Lab: SEQR-CA	CLASS TYPE/DETAIL TYPE <i>Select one only</i> <input type="radio"/> Site Invest (4441) <input type="radio"/> Wtr Rem/Sys (4451) <input type="radio"/> Soil Clas/Disp (4442) <input checked="" type="radio"/> G.W. Monitor (4461) <input type="radio"/> Wtr Clas/Disp (4443) <input type="radio"/> Other <input type="radio"/> Soil/Air Rem/Sys (4452)
TURN AROUND TIME <i>Select one only</i> <input type="radio"/> 24 hrs <input type="radio"/> 48 hrs <input checked="" type="radio"/> 15 days (Normal) <input type="radio"/> Other	

Waste Protocol Number:	Start Time (military): 10:25	Analysis Required
Sampled by: S. Smith	SAMPLE MATRIX <i>Select one only</i> <input checked="" type="radio"/> Water <input type="radio"/> NAPL <input type="radio"/> Sludge <input type="radio"/> Sediment <input type="radio"/> Soil <input type="radio"/> Vapor <input type="radio"/> Bedrock <input type="radio"/> Other	

UST Agency:	Sample Time (military):	Analysis Required <input type="radio"/> TPH-P/MBTEX (8015/8021) <input type="radio"/> TPH-P/BTEX (8015/8021) <input type="radio"/> MBTEX (8021) <input type="radio"/> BTEX (8021) <input type="radio"/> TPH-P (8015m) <input type="radio"/> TPH-E (8015m) <input type="radio"/> TPH-xx (8015m) <input type="radio"/> TRPH (418.1) <input type="radio"/> MBTEX (8260) <input type="radio"/> VOCs (8260) (specify) <input type="radio"/> SVOCs (8270) (specify)
--------------------	--------------------------------	---

Field Sample ID	Composite?	Acid pres.	Cnt. Sz. (40ml)	Cnt. Sz. - Other	Total No. Containers	Analysis Required
1		<input checked="" type="radio"/>	<input checked="" type="radio"/>		03	<input checked="" type="radio"/> TPH-P/MBTEX (8015/8021)
2		<input type="radio"/>	*		03	<input type="radio"/> TPH-P/BTEX (8015/8021)
3		<input type="radio"/>			03	<input type="radio"/> MBTEX (8021)
4		<input type="radio"/>			03	<input type="radio"/> BTEX (8021)
5		<input type="radio"/>			03	<input type="radio"/> TPH-P (8015m)
6		<input type="radio"/>			03	<input type="radio"/> TPH-E (8015m)

LAB USE ONLY

Lab Tracking No.: _____

Sample Condition/Comments

Cooler Temperature: _____

Material Description

Relinquished By (signature):	Printed Name: Steve Smith	Date: 4/29	Received By (signature):	Printed Name: LANCE A. DAVISON	Date: 4-29-98
Relinquished By (signature):	Printed Name: LANCE A. DAVISON	Date: 4-29-98	Received By (signature): _____	Printed Name: _____	Date: _____
Relinquished By (signature): _____	Printed Name: _____	Date: _____	Received By (signature): Jeri Downs	Printed Name: DOWNS	Date: 4/29/98



9804177

SHELL OIL PRODUCTS COMPANY CHAIN OF CUSTODY RECORD

WIC OR FACILITY ID: 2104-5508-5306	Date: 04/28/98	Results to: <input checked="" type="radio"/> Consult <input checked="" type="radio"/> Shell	Page 02 of 02
--	--------------------------	---	-----------------------------

Site Address: 3520 San Pablo Ave Oakland	Lab: SEGR-CA	CLASS TYPE/DETAIL TYPE <i>Select one only</i>	
Consultant/Contact: 1000 Tower Ave San Francisco		<input type="radio"/> Site Invest (4441)	<input type="radio"/> Wtr Rem/Sys (4453)
Address: 1000 Tower Ave San Francisco		<input type="radio"/> Soil Clas/Disp (4442)	<input checked="" type="radio"/> G.W. Monitor (4461)
Phone: 415-775-0555		<input type="radio"/> Wtr Clas/Disp (4443)	<input type="radio"/> Other
Shell Division: Environmental	TURN AROUND TIME <i>Select one only</i>	<input type="radio"/> Soil/Air Rem/Sys (4452)	
	<input type="radio"/> 24 hrs. <input type="radio"/> 48 hrs. <input checked="" type="radio"/> 15 days (Normal) <input type="radio"/> Other		

Work Order Number:	Start Time (military): 10:25	Analysis Required
Sampled by: S. Smith		

UST Agency:	Field Sample ID	Sample Time (military)	Composite?	Acid pres.	Cnt. Sz. (40ml)	Cnt. Sz. - Other	Total No. Containers	TPH-P/MBTEX (8015/8021)	TPH-P/BTEX (8015/8021)	MBTEX (8021)	BTEX (8021)	TPH-P (8015m)	TPH-E (8015m)	TPH-xx (8015m)	TRPH (418.1)	MBTEX (8260)	VOCs (8260) (specify)	SVOCs (8270) (specify)	Lead (specify)	Test for Disposal	Other (specify)
-------------	-----------------	------------------------	------------	------------	-----------------	------------------	----------------------	-------------------------	------------------------	--------------	-------------	---------------	---------------	----------------	--------------	--------------	-----------------------	------------------------	----------------	-------------------	-----------------

Field Sample ID	Sample Time (military)	Composite?	Acid pres.	Cnt. Sz. (40ml)	Cnt. Sz. - Other	Total No. Containers	TPH-P/MBTEX (8015/8021)	TPH-P/BTEX (8015/8021)	MBTEX (8021)	BTEX (8021)	TPH-P (8015m)	TPH-E (8015m)	TPH-xx (8015m)	TRPH (418.1)	MBTEX (8260)	VOCs (8260) (specify)	SVOCs (8270) (specify)	Lead (specify)	Test for Disposal	Other (specify)	
7	DUP					03															
8	EBT 10:35					03															

LAB USE ONLY

Lab Tracking No.: **AP 29**

Sample Condition/Comments

Cooler Temperature:

Material Description

Comments

Relinquished By (signature): <i>[Signature]</i>	Printed Name: Steve Smith	Date: 4/29	Received By (signature): <i>[Signature]</i>	Printed Name: LANEZ A. DAVIDSON	Date: 4.29.98
Relinquished By (signature): <i>[Signature]</i>	Printed Name: LANEZ A. DAVIDSON	Date: 4.29	Received By (signature): <i>[Signature]</i>	Printed Name:	Date:
Relinquished By (signature): <i>[Signature]</i>	Printed Name:	Date:	Received By (signature): Jeri Dams	Printed Name:	Date: 4/29
		Time:			Time: 11:41

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



SHELL OIL PRODUCTS COMPANY CHAIN OF CUSTODY RECORD

APR - 30 '98 (THU) 09:06

BLAINE TECH SERVICES, INC

TEL: 408 573 7771

P. 002

WIC OR FACILITY ID: **204-5508-5306** Date: **04/28/98** Results to: Consult. Shell Page **01** of ... **02**

Site Address: **3470 San Pablo Ave, Oakland** Lab: **SEAR-CA**
 Consultant/Contact: **BTS**
 Address: **1680 Rogers Ave SS CA**
 Phone: **408-573-0555**
 Shell Engineer: **A. Perez**

TURN AROUND TIME Select one only
 24 hrs. 48 hrs. 15 days (Normal) Other

Waste Protocol Number: _____ Start Time (military): **10:25**

Analysis Required

Sampled by: **S. Smith**

Waste Protocol Number: _____ Start Time (military): _____

UST Agency: _____ Sample Time (military): _____

Field Sample ID Composite? Acid pres. Cnt. Sz. (40ml) Cnt. Sz. Other Total No. Containers

Field Sample ID	Composite?	Acid pres.	Cnt. Sz. (40ml)	Cnt. Sz. Other	Total No. Containers	TPH-P/MBTEX (8015/8021)	TPH-P/BTEX (8015/8021)	MBTEX (8021)	BTEX (8021)	TPH-P (8015m)	TPH-E (8015m)	TPH-xx (8015m)	TRPH (418.1)	MBTEX (8280)	VOCs (8280) (specify)	SVOCs (8270) (specify)	Lead (specify)	Test for Disposal	Other (specify)	
MW-17		<input checked="" type="radio"/>			03															
MW-2		<input type="radio"/>			03															
MW-5		<input type="radio"/>			03															
MW-7		<input type="radio"/>			03															
MW-9		<input type="radio"/>			03															
MW-11		<input type="radio"/>			03															

CONFIRM HIGHEST MTBE HIT E
 CONFIRM MTBE IN MW1

LAB USE ONLY

Lab Tracking No.: _____

Sample Condition/Comments

Cooler Temperature: _____

Material Description

Relinquished By (signature): <i>[Signature]</i>	Printed Name: Steve Smith	Date: 4/29	Received By (signature): <i>[Signature]</i>	Printed Name: LANCE D. DAVIDSON	Date: 4-29-98
Relinquished By (signature): _____	Printed Name: _____	Date: _____	Received By (signature): _____	Printed Name: _____	Date: _____
Relinquished By (signature): _____	Printed Name: _____	Date: _____	Received By (signature): _____	Printed Name: _____	Date: _____

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

SHELL CHAIN OF CUSTODY REVISED 12/97

Comments

BY METRAN



SHELL OIL PRODUCTS COMPANY CHAIN OF CUSTODY RECORD

IPR - 30' 98 (THU) 09:07

BLAINE TECH SERVICES, INC

TEL: 408 573 7771

P. 003

WIC OR FACILITY ID: 204-5508-5306		Date: 04/28/98	Results to: <input checked="" type="radio"/> Consult. <input type="radio"/> Shell	Page 02 of ... 02
Site Address: 3420 San Pablo Ave Oakland		Lab: SEQR-CA		
Consultant/Contact: BTS		CLASS TYPE/DETAIL TYPE <i>Select one only</i>		
Address: 1680 Rogers Ave S.J.		<input type="radio"/> Site Invest (4441) <input type="radio"/> Wtr Rem/Sys (4453) <input type="radio"/> Soil Clas/Disp (4442) <input checked="" type="radio"/> G.W. Monitor (4461) <input type="radio"/> Wtr Clas/Disp (4443) <input type="radio"/> Other <input type="radio"/> Soil/Air Rem/Sys (4452)		
Phone: 408-573-0555		TURN AROUND TIME <i>Select one only</i>		
Shell Engineer: A. Perez		<input type="radio"/> 24 hrs. <input type="radio"/> 48 hrs. <input checked="" type="radio"/> 15 days (Normal) <input type="radio"/> Other		
Waste Protocol Number	Start Time (military) 10:25	Analysis Required		
Sampled by: S. Smith	Field Sample ID	Composite? Acid pres. Cnt. Sz. (40ml) Cnt. Sz. Other Total No. Containers <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		
UST Agency:		Analysis Required <input type="radio"/> TPH-P/MBTEX (8015/8021) <input type="radio"/> TPH-P/BTEX (8015/8021) <input type="radio"/> MBTEX (8021) <input type="radio"/> BTEX (8021) <input type="radio"/> TPH-P (8015m) <input type="radio"/> TPH-E (8015m) <input type="radio"/> TPH-X (8015m) <input type="radio"/> TRPH (418,1) <input type="radio"/> MBTEX (8260) <input type="radio"/> VOCs (8260) (specify) <input type="radio"/> SVOCs (8270) (specify) <input type="radio"/> Lead (specify) <input type="radio"/> Test for Disposal <input type="radio"/> Other (specify)		
LAB USE ONLY		SAMPLE MATRIX <i>Select one only</i> <input checked="" type="radio"/> Water <input type="radio"/> NAPL <input type="radio"/> Sludge <input type="radio"/> Sediment <input type="radio"/> Soil <input type="radio"/> Vapor <input type="radio"/> Bedrock <input type="radio"/> Other		
Sample Time (military) DUP: - EB 10:35		Lab Tracking No.: Sample Condition/Comments Cooler Temperature: Material Description		

Comments

Relinquished By (signature):	Printed Name: Steve Smith	Date: 4/29	Received By (signature):	Printed Name: LANCE A. DAVIDSON	Date: 4-29-98
Relinquished By (signature):	Printed Name:	Date:	Received By (signature):	Printed Name:	Date:
Relinquished By (signature):	Printed Name:	Date:	Received By (signature):	Printed Name:	Date:
Relinquished By (signature):	Printed Name:	Date:	Received By (signature):	Printed Name:	Date:

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

SHELL CHAIN OF CUSTODY
REVISED 12/97



Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Project: Shell 3420 San Pablo Ave.

Enclosed are the results from samples received at Sequoia Analytical on April 29, 1998.
The requested analyses are listed below:

<u>SAMPLE #</u>	<u>SAMPLE DESCRIPTION</u>	<u>DATE COLLECTED</u>	<u>TEST METHOD</u>
9804177 -01	LIQUID, MW-1	04/28/98	TPPH/BTEX/MTBE (Concord)
9804177 -01	LIQUID, MW-1	04/28/98	MTBE by 8260
9804177 -02	LIQUID, MW-2	04/28/98	TPPH/BTEX/MTBE (Concord)
9804177 -02	LIQUID, MW-2	04/28/98	MTBE by 8260
9804177 -03	LIQUID, MW-5	04/28/98	TPPH/BTEX/MTBE (Concord)
9804177 -04	LIQUID, MW-7	04/28/98	TPPH/BTEX/MTBE (Concord)
9804177 -05	LIQUID, MW-9	04/28/98	TPPH/BTEX/MTBE (Concord)
9804177 -06	LIQUID, MW-11	04/28/98	TPPH/BTEX/MTBE (Concord)
9804177 -07	LIQUID, DUP	04/28/98	TPPH/BTEX/MTBE (Concord)
9804177 -08	LIQUID, EB	04/28/98	TPPH/BTEX/MTBE (Concord)

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager





**Sequoia
Analytical**

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: MW-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804I77-01	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/06/98 Reported: 05/13/98
--	--	---

GC Batch Number: GC050498BTEX02A
Instrument ID: GCHP2

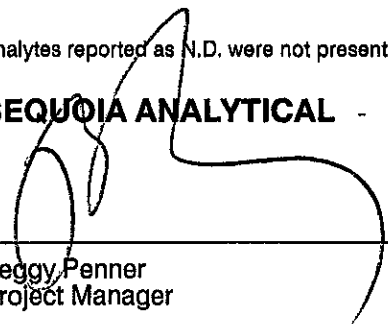
Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1000	2900
Methyl t-Butyl Ether	50	1200
Benzene	10	62
Toluene	10	N.D.
Ethyl Benzene	10	160
Xylenes (Total)	10	370
Chromatogram Pattern:		C6-C12

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	112

Analyses reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





**Sequoia
Analytical**

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: MW-1 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9804177-01	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/01/98 Reported: 05/13/98
Attention: Fran Thie		

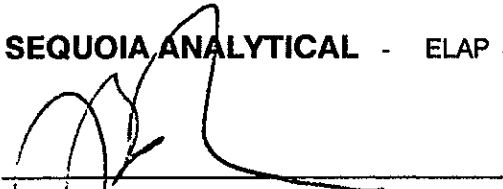
QC Batch Number: MS050198MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	20	1200
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	103

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: MW-2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804177-02	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/06/98 Reported: 05/13/98
--	--	---

GC Batch Number: GC050698BTEX02A
Instrument ID: GCHP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	5000	45000
Methyl t-Butyl Ether	250	2400
Benzene	50	9800
Toluene	50	310
Ethyl Benzene	50	2700
Xylenes (Total)	50	11000
Chromatogram Pattern:		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	111

analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271

Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: MW-2 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9804177-02	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/12/98 Reported: 05/13/98
--	--	---

QC Batch Number: MS051298MTBEF3A
Instrument ID: F3

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	250	2000
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	113

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





**Sequoia
Analytical**

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: MW-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804177-03	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/07/98 Reported: 05/13/98
--	--	---

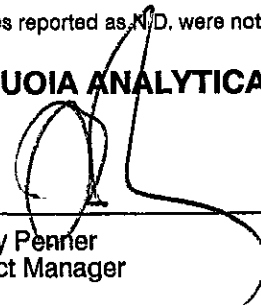
GC Batch Number: GC050798BTEX02A
Instrument ID: GCHP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	20000	15000
Methyl t-Butyl Ether	1000	460
Benzene	200	100
Toluene	200	53
Ethyl Benzene	200	150
Xylenes (Total)	200	80
Chromatogram Pattern:		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	122

analytes reported as N/D, were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: MW-7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804177-04	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/06/98 Reported: 05/13/98
--	--	---

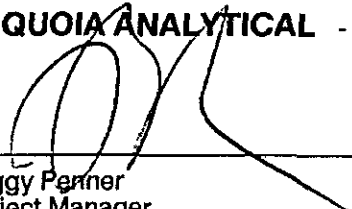
QC Batch Number: GC050698BTEX02A
Instrument ID: GCHP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50000	82000
Methyl t-Butyl Ether	2500	N.D.
Benzene	500	1500
Toluene	500	N.D.
Ethyl Benzene	500	1200
Xylenes (Total)	500	8900
Chromatogram Pattern:		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





**Sequoia
Analytical**

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: MW-9 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804177-05	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/06/98 Reported: 05/13/98
--	--	---

GC Batch Number: GC050698BTEX02A
Instrument ID: GCHP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	2000	2200
Methyl t-Butyl Ether	100	640
Benzene	20	330
Toluene	20	N.D.
Ethyl Benzene	20	91
Xylenes (Total)	20	110
Chromatogram Pattern:		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	106

Analyses reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager

Page:

7





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: MW-11 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804177-06	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/06/98 Reported: 05/13/98
Attention: Fran Thie		

QC Batch Number: GC050698BTEX02A
Instrument ID: GCHP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	70

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: DUP Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804177-07	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/06/98 Reported: 05/13/98
--	---	---

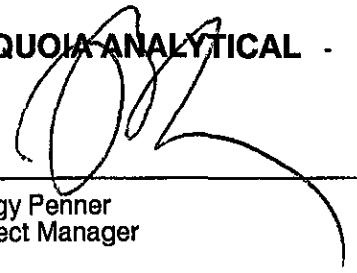
GC Batch Number: GC050698BTEX02A
Instrument ID: GCHP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	5000	4400
Methyl t-Butyl Ether	250	2300
Benzene	50	9200
Toluene	50	260
Ethyl Benzene	50	2500
Xylenes (Total)	50	9700
Chromatogram Pattern:		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	107

Analyses reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Shell 3420 San Pablo Ave. Sample Descript: EB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804177-08	Sampled: 04/28/98 Received: 04/29/98 Analyzed: 05/06/98 Reported: 05/13/98
--	--	---

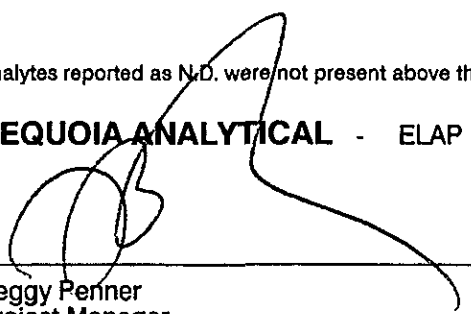
QC Batch Number: GC050698BTEX02A
Instrument ID: GCHP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	119

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271



Peggy Penner
Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Shell 3420 San Pablo Ave.
Matrix: Liquid

Work Order #: 9804177 -02

Reported: May 18, 1998

QUALITY CONTROL DATA REPORT

Analyte:	MTBE
QC Batch#:	MS051298MTBEF3A
Analy. Method:	EPA 8260
Prep. Method:	N.A.

Analyst: E. Manuel
MS/MSD #: 980544901
Sample Conc.: N.D.
Prepared Date: 5/12/98
Analyzed Date: 5/12/98
Instrument I.D.#: F3
Conc. Spiked: 50 µg/L

Result: 60
MS % Recovery: 120

Dup. Result: 59
MSD % Recov.: 118

RPD: 1.7
RPD Limit: 0-25

LCS #: LCS051298

Prepared Date: 5/12/98
Analyzed Date: 5/12/98
Instrument I.D.#: F3
Conc. Spiked: 50 µg/L

LCS Result: 53
LCS % Recov.: 106

MS/MSD	60-140
LCS	70-130
Control Limits	

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, Interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9804177.BLA <1>





**Sequoia
Analytical**

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Shell 3420 San Pablo Ave.
Matrix: Liquid

Work Order #: 9804177-01

Reported: May 18, 1998

QUALITY CONTROL DATA REPORT

Analyte:	MTBE
QC Batch#:	MS050198MTBEH6A
Analy. Method:	EPA 8260
Prep. Method:	N.A.

Analyst: M. Williams
MS/MSD #: 980419704
Sample Conc.: N.D.
Prepared Date: 5/1/98
Analyzed Date: 5/1/98
Instrument I.D.#: H6
Conc. Spiked: 50 µg/L

Result: 48
MS % Recovery: 96

Dup. Result: 52
MSD % Recov.: 104

RPD: 8.0
RPD Limit: 0-25

LCS #: LCS050198
Prepared Date: 5/1/98
Analyzed Date: 5/1/98
Instrument I.D.#: H6
Conc. Spiked: 50 µg/L
LCS Result: 51
LCS % Recov.: 102

MS/MSD	60-140
LCS	70-130
Control Limits	

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9804177.BLA <2>





**Sequoia
Analytical**

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Shell 3420 San Pablo Ave.
Matrix: Liquid

0

Work Order #: 9804I77-01-02, 04-08

Reported: May 18, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC050698802002A	GC050698802002A	GC050698802002A	GC050698802002A	GC050698802002A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD #:	8041863	8041863	8041863	8041863	8041863
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/6/98	5/6/98	5/6/98	5/6/98	5/6/98
Analyzed Date:	5/6/98	5/6/98	5/6/98	5/6/98	5/6/98
Instrument I.D.#:	HP2	HP2	HP2	HP2	HP2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	340 µg/L
Result:	22	21	22	64	370
MS % Recovery:	110	105	110	107	109
Dup. Result:	21	20	21	61	360
MSD % Recov.:	105	100	105	102	106
RPD:	4.7	4.9	4.7	4.8	2.7
RPD Limit:	0-20	0-20	0-20	0-20	0-50

LCS #:	LCS050698	LCS050698	LCS050698	LCS050698	LCS050698
Prepared Date:	5/6/98	5/6/98	5/6/98	5/6/98	5/6/98
Analyzed Date:	5/6/98	5/6/98	5/6/98	5/6/98	5/6/98
Instrument I.D.#:	HP2	HP2	HP2	HP2	HP2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	340 µg/L
LCS Result:	19	19	19	59	320
LCS % Recov.:	95	95	95	98	94

MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130
Control Limits					

SEQUOIA ANALYTICAL
Elap #1271

Peggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS= Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9804I77.BLA <3>





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Shell 3420 San Pablo Ave.
Matrix: Liquid

0

Work Order #: 9804177-03

Reported: May 18, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC050798802002A	GC050798802002A	GC050798802002A	GC050798802002A	GC050798802002A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD #:	8050096	8050096	8050096	8050096	8050096
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/7/98	5/7/98	5/7/98	5/7/98	5/7/98
Analyzed Date:	5/7/98	5/7/98	5/7/98	5/7/98	5/7/98
Instrument I.D.#:	HP2	HP2	HP2	HP2	HP2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	310 µg/L
Result:	18	18	18	54	330
MS % Recovery:	90	90	90	90	106
Dup. Result:	20	20	20	60	360
MSD % Recov.:	100	100	100	100	116
RPD:	10.5	10.5	10.5	10.5	8.7
RPD Limit:	0-20	0-20	0-20	0-20	0-50

LCS #:	LCS050798	LCS050798	LCS050798	LCS050798	LCS050798
Prepared Date:	5/7/98	5/7/98	5/7/98	5/7/98	5/7/98
Analyzed Date:	5/7/98	5/7/98	5/7/98	5/7/98	5/7/98
Instrument I.D.#:	HP2	HP2	HP2	HP2	HP2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	310 µg/L
LCS Result:	21	21	22	64	380
LCS % Recov.:	105	105	110	107	123

MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130
Control Limits					

SEQUOIA ANALYTICAL
EPA #1271

Peggy Fenner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9804177.BLA <4>





Sequoia
Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(510) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 Attention: Fran Thie	Client Proj. ID: Shell 3420 San Pablo Ave. Lab Proj. ID: 9804177	Received: 04/29/98 Reported: 05/13/98
--	---	--

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 112 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL


Peggy Fenner
Project Manager

