

October 16, 1998

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

Re: **Third Quarter 1998 Monitoring Report**
Shell-branded Service Station
5755 Broadway
Oakland, California
WIC #204-5510-0303
Cambria Project #24-314-398

LOP 3618
* only S2 = sampled

Dear Ms. Hugo:

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

THIRD QUARTER 1998 ACTIVITIES

Ground Water Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled selected site wells. Cambria calculated ground water elevations (Table 1), compiled the analytical data (Table 2), and prepared a ground water elevation map (Figure 1). The Blaine report is included as Attachment A.

ANTICIPATED FUTURE ACTIVITIES

Ground Water Monitoring: The next monitoring event is scheduled for first quarter 1999. At that time, Blaine will measure ground water depths and collect water samples from the wells, and Cambria will tabulate the data and prepare a monitoring report.

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
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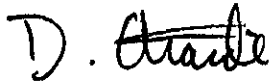


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CLOSING

We appreciate the opportunity to work with you on this project. Please call Darryk Ataide at (510) 420-3339 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.



Darryk Ataide
Project Environmental Scientist



Diane M. Lundquist, P.E.
Principal Engineer



Attachment: A - Blaine Ground Water Monitoring Report

cc: Karen Petryna, Equiva Services LLC, P.O. Box 8080, Martinez, California 94553

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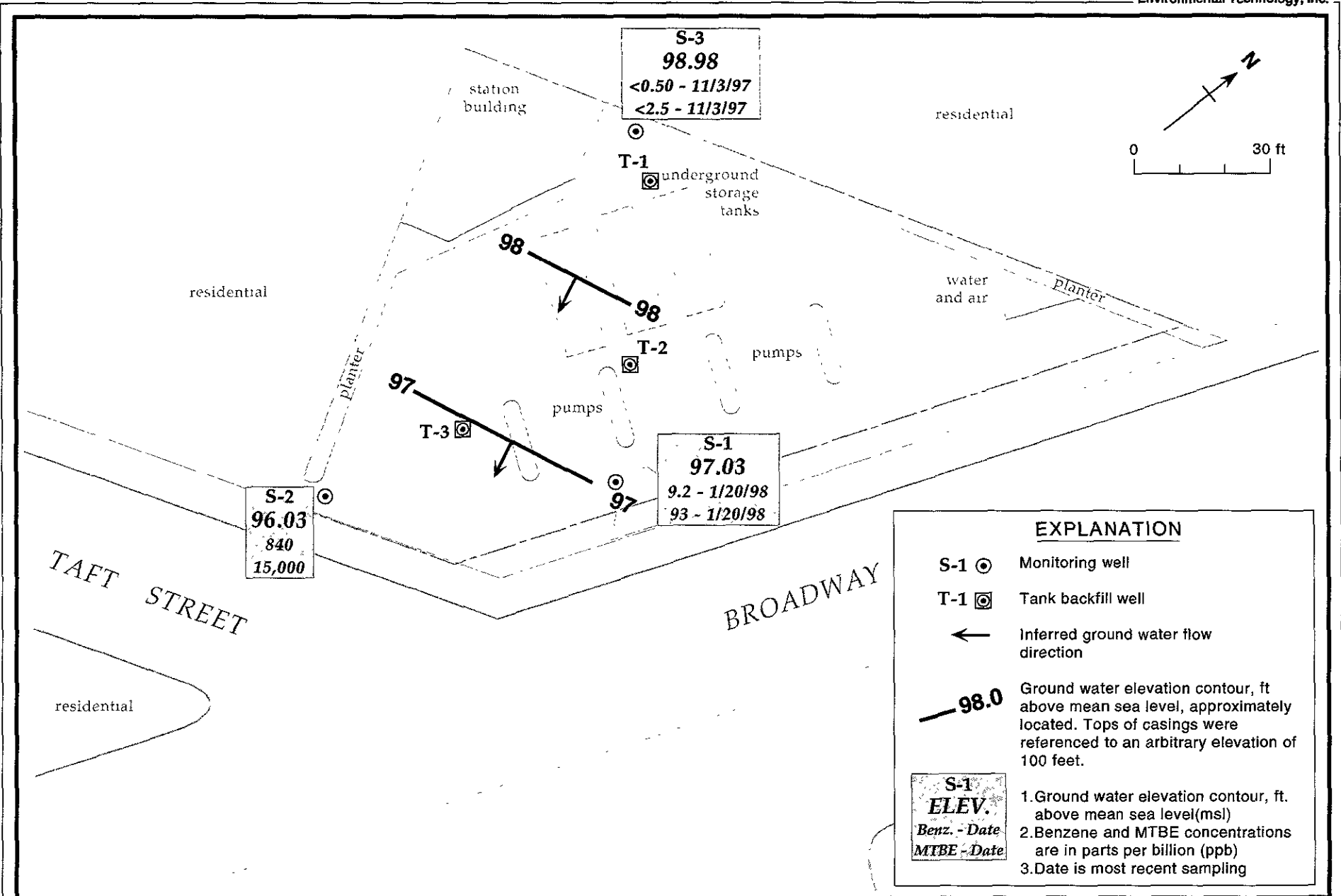


Figure 1. Ground Water Elevation Contours - July 23, 1998 - Shell-branded Service Station WIC# 204-5510-0303, 5755 Broadway, Oakland, California.

Table 1. Ground Water Elevations – Shell-branded Service Station WIC# 204-5510-0303, 5755 Broadway, Oakland, California

Well ID	Date	TOC Elevation ^a	Depth to Water (ft below TOC)	Relative Ground Water Elevation (ft)
S-1	01/25/91	100.00	3.88	96.12
	06/03/91		3.51	96.49
	08/30/91		4.24	95.76
	11/22/91		4.29	95.71
	03/13/92		2.87	97.13
	05/28/92		3.79	96.21
	08/19/92		4.43	95.57
	11/18/92		4.34	95.66
	02/10/93		4.20	95.80
	06/11/93		3.39	96.61
	08/03/93		3.69	96.31
	11/02/93		4.26	95.74
	12/16/93		2.73	97.27
	02/01/94		3.38	96.62
	05/04/94		3.00	97.00
	08/18/94		3.70	96.30
	11/09/94		2.52	97.48
	02/22/95		4.08	95.92
	05/02/95		2.58	97.42
	08/30/95		3.48	96.52
	11/28/95		3.99	96.01
	02/02/96		2.00	98.00
	03/09/96		3.38	99.62
	08/22/96		3.43	96.57
	11/07/96		3.70	96.30
	02/20/97		3.60	96.40
05/30/97	3.47	96.53		
08/21/97	3.01	96.99		
11/03/97	3.66	96.34		
01/20/98	1.84	98.16		
07/23/98	2.97	97.03		
S-2	01/25/91	98.92	4.52	94.40
	06/03/91		4.02	94.90
	08/30/91		4.70	94.22
	11/22/91		4.72	94.20
	03/13/92		3.47	95.45
	05/28/92		4.45	94.45
	08/19/92		4.84	94.08
	11/18/92		4.73	94.19
	02/10/93		4.83	94.09
	06/11/93		3.74	95.18
	08/03/93		4.23	94.69
11/02/93	4.72	94.20		

Table 1. Ground Water Elevations – Shell-branded Service Station WIC# 204-5510-0303, 5755 Broadway, Oakland, California (continued)

Well ID	Date	TOC Elevation ^a	Depth to Water (ft below TOC)	Relative Ground Water Elevation (ft)
	12/16/93		3.00	95.92
	02/01/94		3.48	95.44
	05/04/94		3.26	95.66
	08/18/94		3.98	94.94
	11/09/94		3.10	95.82
	02/22/95		4.02	94.90
	05/02/95		2.86	96.06
	08/30/95		4.06	94.86
	11/28/95		4.48	94.44
	02/02/96		1.99	96.93
	03/09/96		3.27	95.65
	08/22/96		3.85	95.07
	11/07/96		4.00	94.92
	02/20/97		3.20	95.72
	05/30/97		3.87	95.05
	08/21/97		3.29	95.63
	11/03/97		4.02	94.90
	01/20/98		1.54	97.38
	07/23/98		2.89	96.03
S-3	01/25/91	101.67	3.84	97.83
	06/03/91		3.25	98.42
	08/03/91		4.73	96.94
	11/22/91		4.81	96.86
	03/13/92		2.29	99.38
	05/28/92		3.62	98.05
	08/19/92		4.66	97.01
	11/18/92		4.51	97.16
	02/10/93		4.36	97.31
	06/11/93		2.91	98.76
	08/03/93		3.70	97.97
	11/02/93 ^b		---	---
	12/16/93		2.12	99.55
	02/01/94		2.90	98.77
	05/04/94		2.54	99.13
	08/18/94		3.51	98.16
	11/09/94		2.44	99.23
	02/22/95		4.12	97.55
	05/02/95		2.83	98.84
	08/30/95		3.16	98.51
	11/28/95		3.87	97.80
	02/02/96		2.24	99.43
	03/09/96		3.05	98.62
	08/22/96		2.85	98.82

Table 1. Ground Water Elevations – Shell-branded Service Station WIC# 204-5510-0303, 5755 Broadway, Oakland, California (continued)

Well ID	Date	TOC Elevation ^a	Depth to Water (ft below TOC)	Relative Ground Water Elevation (ft)
	11/07/96		3.35	98.32
	02/20/97		3.00	98.67
	05/30/97		3.00	98.67
	08/21/97		2.94	98.73
	11/03/97		3.36	98.31
	01/20/98 ^b		---	---
	07/23/98		2.69	98.98
T-1	05/30/97	Not Surveyed	2.65	---
	08/21/97		2.69	---
	11/03/97		3.09	---
	01/20/98		0.61	---
	07/23/98		2.32	---
T-2	05/30/97	Not Surveyed	1.81	---
	08/21/97		1.89	---
	11/03/97		2.25	---
	01/20/98		0.55	---
	07/23/98		1.21	---
T-3	05/30/97	Not Surveyed	2.31	---
	08/21/97		1.57	---
	11/03/97		3.50	---
	01/20/98		0.76	---
	07/23/98		0.82	---

Abbreviations and Notes:

- TOC= Top of casing
- ft = Feet
- = Not available
- a = Top of casing elevations referenced to arbitrary elevation of 100 ft
- b = Well inaccessible

Table 2. Ground Water Analytical Results – Shell-branded Service Station, WIC# 204-5510-0303, 5755 Broadway, Oakland, California

Sample ID (Qtrs Sampled)	Date	Depth to Water (ft below TOC)	TPH-G	B	T	E	X	MTBE	DO (mg/L)
S-1 (1st)	01/25/91	3.88	<30	<0.3	<0.3	<0.3	<0.3	--	--
	06/03/91	3.51	<30	<0.3	<0.3	<0.3	<0.3	--	--
	08/30/91	4.24	<30	<0.3	<0.3	<0.3	<0.3	--	--
	11/22/91	4.29	<30	2.3	<0.46	0.3	<0.65	--	--
	03/13/92	2.87	<30	<0.52	<0.3	<0.3	<0.3	--	--
	05/28/92	3.79	<50	<0.5	<0.5	<0.5	<0.5	--	--
	08/19/92	4.43	<50	<0.5	<0.5	<0.5	<0.5	--	--
	11/18/92	4.34	<50	<0.5	<0.5	<0.5	<0.5	--	--
	02/10/93	4.20	51	1.4	<0.5	<0.5	<0.5	--	--
	02/10/93 ^{dup}	4.20	<50	1.2	<0.5	<0.5	<0.5	--	--
	06/11/93	3.39	<50	<0.5	<0.5	<0.5	<0.5	--	--
	08/03/93	3.69	<50	<0.5	<0.5	<0.5	<0.5	--	--
	11/02/93	4.26	70 ^a	<0.5	<0.5	<0.5	<0.5	--	--
	02/01/94	3.38	60 ^a	<0.5	<0.5	<0.5	<0.5	--	--
	05/04/94	3.00	<50	1.1	<0.5	<0.5	<0.5	--	--
	08/18/94	3.70	<50	0.6	<0.5	<0.5	<0.5	--	--
	08/18/94 ^{dup}	3.70	60 ^b	0.5	<0.5	<0.5	<0.5	--	--
	11/09/94	2.52	<50	4.0	<0.5	<0.5	<0.5	--	--
	02/22/95	4.08	50	0.8	0.7	<0.5	1.3	--	--
	05/02/95	2.58	<50	<0.5	<0.5	<0.5	<0.5	--	--
	08/30/95	3.48	<50	1.7	<0.5	<0.5	<0.5	--	--
	11/28/95	3.99	<50	<0.5	<0.5	<0.5	<0.5	--	--
	02/02/96	2.00	<50	11	<0.5	0.9	<0.5	--	--
	03/09/96	3.38	<50	<0.5	<0.5	<0.5	<0.5	--	--
	08/22/96	3.43	<50	1.5	<0.5	<0.5	<0.5	130	--
	11/07/96	3.70	<50	<0.5	<0.5	<0.5	<0.5	57	4.33
02/20/97	3.60	<50	0.64	<0.50	<0.50	1.6	6.5	2.0	
05/30/97	3.47	<50	<0.50	<0.50	<0.50	<0.50	46	7.0	
05/30/97	3.47	<50	<0.50	<0.50	<0.50	<0.50	47	7.0	
08/21/97	3.01	<50	<0.50	<0.50	<0.50	0.84	26	3.1	
11/03/97	3.66	<50	<0.50	1.1	<0.50	1.3	190	2.0	

Table 2. Ground Water Analytical Results – Shell-branded Service Station, WIC# 204-5510-0303, 5755 Broadway, Oakland, California (continued)

Sample ID (Qtrs Sampled)	Date	Depth to Water (ft below TOC)	TPH-G ←	B	T (Concentrations in µg/L)	E	X	MTBE →	DO (mg/L)
	01/20/98	1.84	110	7.9	2.8	4.4	13	53	4.6
	01/20/98 ^{dup}	1.84	130	9.2	6.9	5.2	15	93	4.6
S-2 (1st & 3rd)	01/25/91	4.52	450	140	1.8	6.2	15	---	---
	06/03/91	4.02	490	150	2.7	8.2	7	---	---
	08/30/91	4.70	70	0.37	<0.3	<0.3	<0.3	---	---
	11/22/91	4.72	1,600	110	9.3	29	150	---	---
	03/13/92	3.47	1,300	210	5.7	34	79	---	---
	05/28/92	4.45	100	28	<0.5	<0.5	<0.5	---	---
	08/19/92	4.84	470	42	<0.5	8.3	4.0	---	---
	11/18/92	4.73	490	43	39	17	29	---	---
	02/10/93	4.83	19,000	710	760	80	370	---	---
	06/11/93	3.74	33,000	3,100	1,600	370	1,100	---	---
	08/03/93	4.23	18,000	1,400	130	81	130	---	---
	08/03/93 ^{dup}	4.23	19,000	1,400	140	86	150	---	---
	11/02/93	4.72	12,000 ^a	470	47	31	92	---	---
	11/02/93 ^{dup}	4.72	13,000 ^a	530	47	35	96	---	---
	02/01/94	3.48	31,000 ^a	430	46	50	130	---	---
	02/01/94 ^{dup}	3.48	31,000 ^a	300	33	30	100	---	---
	05/04/94	3.26	3,900	1,200	31	53	71	---	---
	05/04/94 ^{dup}	3.26	4,500	1,200	37	57	110	---	---
	08/18/94	3.98	24,000	600	8.3	15	27	---	---
	11/09/94	3.10	1,400 ^a	240	9.3	13	20	---	---
	11/09/94 ^{dup}	3.10	1,800	260	8.5	13	21	---	---
	02/22/95	4.02	29,000	550	18	12	63	---	---
	02/22/95 ^{dup}	4.02	28,000	530	17	10	60	---	---
	05/02/95	2.86	4,400	1,000	25	38	77	---	---
	05/02/95 ^{dup}	2.86	4,400	1,000	26	41	83	---	---
	08/30/95	4.06	800	350	20	6.7	16	---	---
	08/30/95 ^{dup}	4.06	960	220	22	12	48	---	---

Table 2. Ground Water Analytical Results – Shell-branded Service Station, WIC# 204-5510-0303, 5755 Broadway, Oakland, California (continued)

Sample ID (Qtrs Sampled)	Date	Depth to Water (ft below TOC)	TPH-G	B	T	E	X	MTBE	DO (mg/L)
			←————— (Concentrations in µg/L) —————→						
	11/28/95	4.48	2,000	230	220	50	230	—	—
	11/28/95 ^{dup}	4.48	2,100	240	230	51	230	—	—
	02/02/96	2.00	18,000	540	18	12	22	—	—
	02/02/96 ^{dup}	2.00	11,000	600	18	13	28	—	—
	03/09/96	3.27	3,800	1,500	27	30	58	—	—
	03/09/96 ^{dup}	3.27	3,500	1,300	24	21	53	—	—
	08/22/96	3.85	<20,000	490	<200	<200	<200	43,000	—
	08/22/96 ^{dup}	3.85	<20,000	570	<200	<200	<200	59,000 (51,000)	—
	11/07/96	4.00	<5,000	290	<50	<50	<50	32,000	3.51
	11/07/96 ^{dup}	4.00	<5,000	290	<50	<50	<50	32,000	3.51
	02/20/97	3.20	<10,000	520	<100	<100	<100	28,000	1.0
	02/20/97 ^{dup}	3.20	<10,000	520	<100	<100	<100	35,000	1.0
	05/30/97	3.87	150	15	11	3.5	15	11	6.0
	08/21/97	3.29	1,600	220	<10	20	<10	18,000	3.3
	08/21/97 ^{dup}	3.29	1,500	180	<10	16	<10	21,000	3.3
	11/03/97	4.02	1,000	94	<10	<10	<10	<50	1.8
	01/20/98	1.54	590	110	8.3	18	23	7,800	3.2
	07/23/98	2.89	2,600	840	<10	44	22	15,000	—
S-3 (1st)	01/25/91	—	<30	<0.3	<0.3	<0.3	<0.3	—	—
	06/03/91	3.25	<30	<0.3	0.3	0.3	0.3	—	—
	08/30/91	4.73	<30	<0.3	<0.3	<0.3	<0.3	—	—
	11/22/91	4.81	<30	<0.3	<0.3	<0.3	<0.3	—	—
	03/13/92	2.29	<30	<0.3	0.3	0.3	0.3	—	—
	05/28/92	3.62	<50	<0.5	<0.5	<0.5	<0.5	—	—
	08/19/92	4.66	<50	<0.5	<0.5	<0.5	0.5	—	—
	11/18/92	4.51	<50	<0.5	<0.5	<0.5	<0.5	—	—
	02/10/93	4.36	30	1.9	3.2	2.4	5.6	—	—
	06/11/93	2.91	<50	<0.5	<0.5	<0.5	<0.5	—	—
	06/11/93 ^{dup}	2.91	<50	<0.5	<0.5	<0.5	<0.5	—	—

Table 2. Ground Water Analytical Results – Shell-branded Service Station, WIC# 204-5510-0303, 5755 Broadway, Oakland, California (continued)

Sample ID (Qtrs Sampled)	Date	Depth to Water (ft below TOC)	TPH-G	B	T	E	X	MTBE	DO (mg/L)
			←————— (Concentrations in µg/L) —————→						
	08/03/93	3.70	<50	<0.5	<0.5	<0.5	<0.5	---	---
	11/02/93 ^c	---	---	---	---	---	---	---	---
	02/01/94	2.90	<50	<0.5	<0.5	<0.5	<0.5	---	---
	05/04/94	2.54	<50	<0.5	<0.5	<0.5	<0.5	---	---
	08/18/94	3.51	<50	<0.5	<0.5	<0.5	<0.5	---	---
	11/09/94	2.44	<50	<0.5	<0.5	<0.5	<0.5	---	---
	02/22/95	4.12	80	<0.5	0.5	<0.5	0.5	---	---
	05/02/95	2.83	<50	<0.5	<0.5	<0.5	<0.5	---	---
	08/30/95	3.16	<50	0.5	<0.5	<0.5	<0.5	---	---
	11/28/95	3.87	<50	<0.5	<0.5	<0.5	<0.5	---	---
	02/02/96	2.24	<50	<0.5	<0.5	<0.5	<0.5	---	---
	03/09/96	3.05	<50	<0.5	<0.5	<0.5	<0.5	---	---
	08/22/96	2.85	<50	0.80	<0.5	<0.5	<0.5	<2.5	4.6
	11/07/96	3.35	<50	<0.5	<0.5	<0.5	<0.5	<2.5	4.6
	02/20/97	3.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	05/30/97	3.00	140	14	10	3.3	14	8.6	8.0
	08/21/97	2.94	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.3
	11/03/97	3.36	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	11/03/97 ^{dup}	3.36	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	01/20/98 ^c	---	---	---	---	---	---	---	---
Bailer	08/19/92		<50	<0.5	<0.5	<0.5	<0.5	---	---
Blank	11/22/91		<50	<0.5	<0.5	<0.5	<0.5	---	---
	02/22/95		<50	<0.5	<0.5	<0.5	<0.5	---	---
Trip	03/13/92		<50	<0.3	<0.3	<0.3	<0.3	---	---
Blank	05/28/92		<50	<0.5	<0.5	<0.5	<0.5	---	---
	08/19/92		<50	<0.5	<0.5	<0.5	<0.5	---	---
	11/18/92		<50	<0.5	<0.5	<0.5	<0.5	---	---
	02/10/93		<50	<0.5	<0.5	<0.5	<0.5	---	---

Table 2. Ground Water Analytical Results – Shell-branded Service Station, WIC# 204-5510-0303, 5755 Broadway, Oakland, California (continued)

Sample ID (Qtrs Sampled)	Date	Depth to Water (ft below TOC)	TPH-G ←	B	T (Concentrations in µg/L)	E	X	MTBE →	DO (mg/L)
	08/03/93		<50	<0.5	<0.5	<0.5	<0.5	---	---
	11/02/93		<50	<0.5	<0.5	<0.5	<0.5	---	---
	02/01/94		<50	<0.5	<0.5	<0.5	<0.5	---	---
	05/04/94		<50	<0.5	<0.5	<0.5	<0.5	---	---
	11/09/94		<50	<0.5	<0.5	<0.5	<0.5	---	---
	02/22/95		<50	<0.5	<0.5	1.0 ^d	<0.5	---	---
	05/02/95		<50	<0.5	<0.5	<0.5	<0.5	---	---
	08/30/95		<50	<0.5	<0.5	<0.5	<0.5	---	---
	11/28/95		<50	<0.5	<0.5	<0.5	<0.5	---	---
MCLs			NE	1	150	700	1,750	NE	

Abbreviations:

ft = Feet
 TOC = Top of casing elevation
 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
 µg/L = Micrograms per liter
 mg/L = Milligrams per liter
 MCLs = California primary maximum contaminant levels for drinking water (22 CCR 64444)
 NE = MCLs not established
 dup = Duplicate sample

Notes:

a = Concentrations reported as gasoline are primarily due to presence of a discrete peak not indicative of gasoline
 b = This positive result has an atypical pattern for gasoline
 c = Well inaccessible
 d = Positive result confirmed by secondary column or gas chromatography/mass spectrometry analysis
 <n = Below detection limits of n µg/L
 --- = Not analyzed/Not available

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



August 17, 1998

Equilon Enterprises, L.L.C.
108 Cutting Blvd.
Richmond, CA 94804

Attn: Karen Petryna

Shell WIC #204-5510-0303
5755 Broadway
Oakland, California

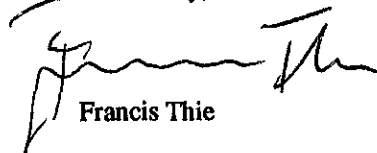
3rd Quarter 1998

Groundwater Monitoring Report 980723-C-2

Blaine Tech Services, Inc. performs environmental monitoring and documentation as an independent third party. Copies of our Monitoring 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 94608-2411
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)
S-1	07/23/98	TOC	—	NONE	—	—	2.97	11.70
S-2	07/23/98	TOC	—	NONE	—	—	2.89	9.50
S-3	07/23/98	TOC	—	NONE	—	—	2.69	9.55
T-1	07/23/98	TOC	—	NONE	—	—	2.32	13.55
T-2	07/23/98	TOC	—	NONE	—	—	1.21	13.05
T-3	07/23/98	TOC	—	NONE	—	—	0.82	8.75



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: 480723-C2

Date:

Page 1 of 1

Site Address: 5755 Broadway, Oakland, CA

WIC#: 204-5510-0303

Shell Engineer: Alex Perez
 Phone No.: (510) 675-6168
 Fax #: 675-6172

Consultant Name & Address:
 Blaine Tech Services, Inc.
 1680 Rogers Ave., San Jose, CA 95112

Consultant Contact: Fran Thie
 Phone No.: (408) 573-0555
 Fax #: 573-7771

Comments:

Sampled by: *[Signature]*

Printed Name: *Cassidy*

Analysis Required

TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020 <i>TPH/BTEX</i>	Asbestos	Container Size	Preparation Used	Composite Y/N
					X				

LAB: Seymour

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
C.W. Monitoring <input checked="" type="checkbox"/>	4481	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	4441	48 hours <input type="checkbox"/>
Soil Classfy/Disposal <input type="checkbox"/>	4442	15 days <input checked="" type="checkbox"/> (Normal)
Water Classfy/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/>	4452	
Water Rem. or Sys. O & M <input type="checkbox"/>	4453	
Other <input type="checkbox"/>		

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

UST AGENCY: _____

Sample ID	Date	Sludge	Soil	Water	Air	No. of confs.	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	
5-29	7/23			W		3						X							

Requested By (signature): <i>[Signature]</i>	Printed Name: <i>Cassidy</i>	Date: <u>7/24/98</u>	Time: <u>9:47</u>	Received (signature): <i>[Signature]</i>	Printed Name: <i>Nick Costar</i>	Date: <u>7/24</u>	Time: <u>9:47</u>
Requested By (signature): <i>[Signature]</i>	Printed Name:	Date: <u>7/24</u>	Time:	Received (signature): <i>[Signature]</i>	Printed Name:	Date:	Time:
Requested By (signature): <i>[Signature]</i>	Printed Name:	Date:	Time:	Received (signature): <i>[Signature]</i>	Printed Name: <i>Jose Hernandez</i>	Date: <u>7/24/98</u>	Time: <u>12:30</u>

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



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
(925) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (925) 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 5755 Broadway

Enclosed are the results from samples received at Sequoia Analytical on July 24, 1998.
The requested analyses are listed below:

<u>SAMPLE #</u>	<u>SAMPLE DESCRIPTION</u>	<u>DATE COLLECTED</u>	<u>TEST METHOD</u>
9807E84 -01	LIQUID, S-2	07/23/98	Purgeable TPH/BTEX/MTBE

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





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Client Proj. ID: Shell 5755 Broadway
Sample Descript: S-2
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9807E84-01

Sampled: 07/23/98
Received: 07/24/98
Analyzed: 08/04/98
Reported: 08/05/98

QC Batch Number: GC080498BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Table with 3 columns: Analyte, Detection Limit ug/L, Sample Results ug/L. Rows include TPHH as Gas, Methyl t-Butyl Ether, Benzene, Toluene, Ethyl Benzene, Xylenes (Total), Chromatogram Pattern, Surrogates, and Trifluorotoluene.

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

Client Project ID: Shell 5755 Broadway

QC Sample Group: 9807E84-01

Reported: Aug 5, 1998

QUALITY CONTROL DATA REPORT

Matrix: Liquid
Method: EPA 8015
Analyst: B. Burton

ANALYTE Gasoline

QC Batch #: GC080498BTEX03A

Sample No.: GW9807E68-3

Date Prepared: 8/4/98

Date Analyzed: 8/4/98

Instrument I.D.#: GCHP03

Sample Conc., ug/L: N.D.

Conc. Spiked, ug/L: 250

Matrix Spike, ug/L: 270

% Recovery: 107

Matrix

pike Duplicate, ug/L: 260

% Recovery: 104

Relative % Difference: 2.8

RPD Control Limits: 0-25

LCS Batch#: GWLCS080498A

Date Prepared: 8/4/98

Date Analyzed: 8/4/98

Instrument I.D.#: GCHP03

Conc. Spiked, ug/L: 250

LCS Recovery, ug/L: 250

LCS % Recovery: 101

Percent Recovery Control Limits:

MS/MSD	60-140
LCS	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

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.





**Sequoia
Analytical**

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

Client Proj. ID: Shell 5755 Broadway

Received: 07/24/98

Lab Proj. ID: 9807E84

Reported: 08/05/98

LABORATORY NARRATIVE

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

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

