CAMBRIA

July 16, 2001

Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

JUL 19 2001

Re: **Second Quarter 2001 Monitoring Report**
Shell-branded Service Station
285 Hegenberger Road
Oakland, California
Incident #98995749
Cambria Project #243-0734-002

Dear Mr. Chan:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

HISTORICAL HYDROCARBON REMOVAL SUMMARY

A total of 707 pounds of vapor-phase hydrocarbons were removed by a soil-vapor extraction (SVE) system that operated at the site between August 1993 and February 1995.

SECOND QUARTER 2001 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California collected dissolved oxygen (DO) measurements, gauged water levels, sampled all wells, calculated groundwater elevations and compiled the gasoline constituents analytical data. Cambria compiled the non-gasoline constituents analytical data (Table 1) and prepared a groundwater elevation contour map (Figure 1). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

Bio-attenuation Parameter Monitoring: Bio-attentuation parameters have been measured in groundwater samples to determine the status of and trends in aerobic degradation of the site hydrocarbons in groundwater. In an oxygen-rich environment, dissolved or molecular oxygen

Oakland, CA
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Cambria Environmental Technology, Inc.

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serves as an electron receptor during catalysis of hydrocarbons by naturally-occurring micro-organisms (aerobic respiration). In the absence or near absence of DO, other molecules such as nitrate, ferric iron, and sulfate may serve as electron receptors (anaerobic respiration). A more complete discussion of the chemistry involved in biologic degradation of hydrocarbons is given in the American Society for Testing and Materials, *Standard Guide for Remediation of Ground Water by Natural Attenuation at Petroleum Release Sites, Designation E 1943-98.*

In typical reducing environments, an inverse relationship between benzene, toluene, ethylbenzene and xylenes (BTEX) concentrations and concentrations of oxygen, nitrate, and sulfate, and a direct relationship between BTEX and ferrous iron concentrations are expected. The observed relationships between measured BTEX concentrations and the bioparameters are indicated on Table 1. In general, the evidence indicates that biological degradation of BTEX is occurring in groundwater at the site.

Air-Sparge and SVE System Installation: In Cambria's *Subsurface Investigation Report and Vapor-Extraction Test Report* dated May 12, 2000, Cambria proposed installation of an air-sparge and vapor-extraction system to remediate hydrocarbons within soil and groundwater. Cambria's proposal for installation of the air-sparge and vapor-extraction system was approved by the Alameda County Health Care Services Agency in a letter to Equiva dated June 21, 2000. On June 28, 2000, three additional air-sparge/SVE wells were installed at the proposed locations. A report detailing the remediation well installations will be submitted following start-up of the remediation system.

ANTICIPATED FUTURE 2001 ACTIVITIES

Groundwater Monitoring: The next sampling event is scheduled for the fourth quarter of 2001. At that time, Blaine will collect DO measurements, gauge water levels, sample selected site wells and tabulate the data. Cambria will prepare a monitoring report.

Air-Sparge and SVE System Installation: Installation of the proposed remediation system is essentially complete. Start-up of the proposed system is anticipated during the third quarter of 2001, pending connection to electrical supply.

CLOSING

We appreciate the opportunity to work with you on this project. Please call Melody Munz at (510) 420-3324 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Melody Munz
Project Engineer

Stephan A. Bork, C.E.G., C.HG.
Associate Hydrogeologist

REGISTERED GEOLOGIST
STEPHAN A. BORK
No. EG 2058
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Figure: 1 - Groundwater Elevation Contour Map

Table: 1 - Groundwater Analytical Data - Other Constituents

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
J.T., Elizabeth G., W.T., and Jeanette Watters, Tr., c/o Property Tax Dept, PO Box 2099, Houston, TX 77252-1413

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07/02/01

Groundwater Elevation Contour Map

May 1, 2001

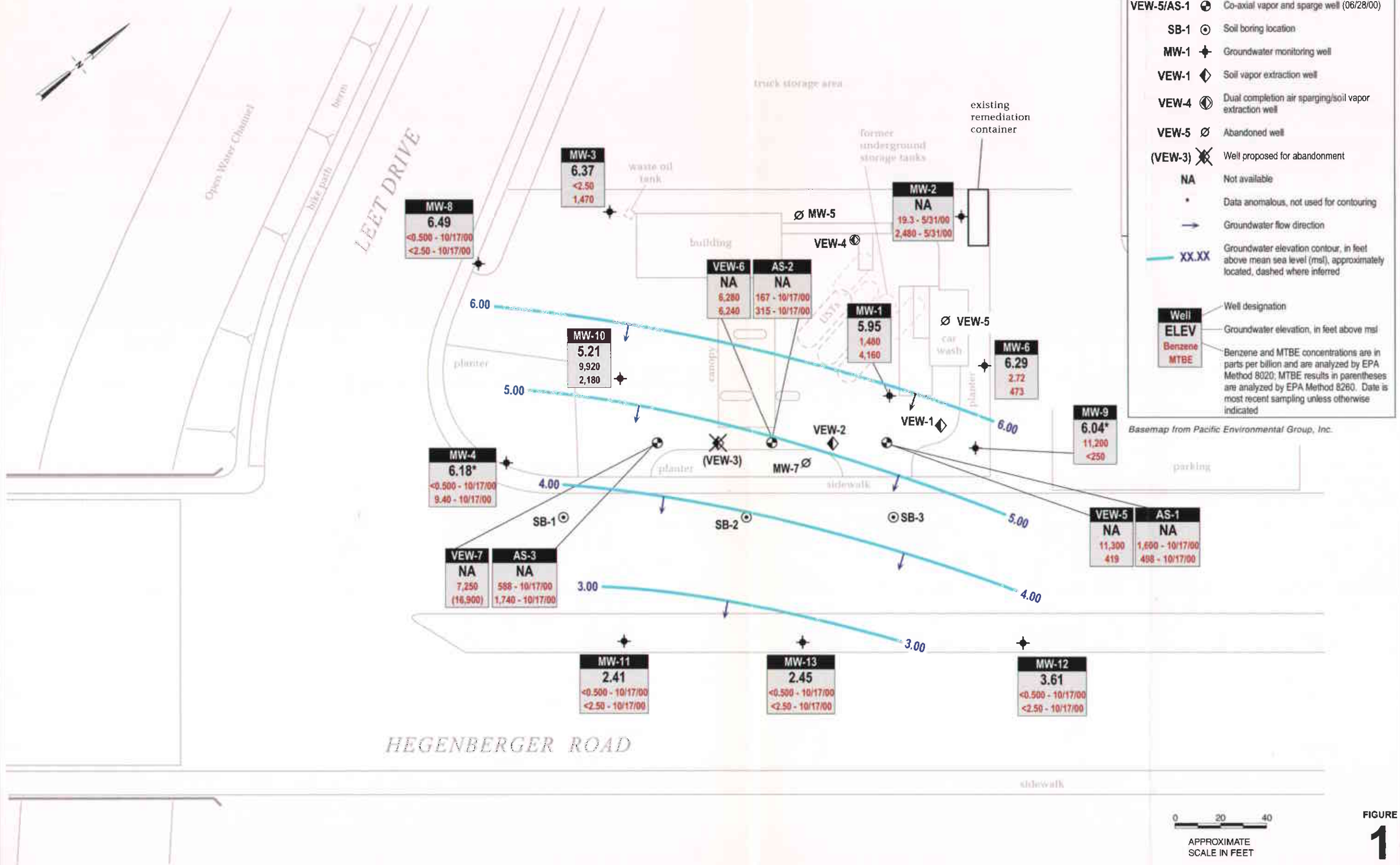
EXPLANATION

- VEW-5/AS-1 — Co-axial vapor and sparge well (06/28/00)
- SB-1 — Soil boring location
- MW-1 — Groundwater monitoring well
- VEW-1 — Soil vapor extraction well
- VEW-4 — Dual completion air sparging/soil vapor extraction well
- VEW-5 — Abandoned well
- (VEW-3) — Well proposed for abandonment
- NA — Not available
- * — Data anomalous, not used for contouring
- → — Groundwater flow direction
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred

Well
ELEV
Benzene
MTBE

- Well designation
- Groundwater elevation, in feet above msl
- Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8020; MTBE results in parentheses are analyzed by EPA Method 8260. Date is most recent sampling unless otherwise indicated

Basemap from Pacific Environmental Group, Inc.



Shell-branded Service Station
285 Hegenberger Road
Oakland, California
Incident #98995749

FIGURE
1

CAMBRIA

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Table 1. **Groundwater Analytical Data - Other Constituents** - Shell-branded Service Station - Incident #98995749, 285 Hegenberger Road, Oakland, California

Well ID	Date	Motor Oil	Nitrate as Nitrate	Sulfate	Ferrous Iron	DO	ORP (millivolts)
		← (Concentrations in ppm) →					
MW-1	06/10/98	----	<1.0	3.3	14	0.5/0.5	-163/-178
	06/10/98[dup]	----	<1.0	5.1	14	0.5/0.5	-163/-178
	12/30/98	<0.250	<1.0	6.8	9.2	1.6/1.4	-119/-107
	06/25/99	----	0.0800	1.39	11.40	1.2/2.1	-150/-148
	12/28/99	0.507	<5.00	<5.00	3.80	1.4/1.8	-156/-152
	05/31/00	<0.500	<1.00	11.9	1.30	0.98/2.27	2/-130
	10/17/00	<0.5	<0.200	2.68	7.98	4.0/3.1	-122/-114
	05/01/01	**0.297**	**<0.2**	**<1**	**0.541**	**1.6/1.3**	**-125/-130**
MW-2	06/10/98	----	<1.0	47	5.1	0.7/0.6	-155/-161
	12/30/98	<0.250	<1.0	84	7.6	1.3/1.2	-96/-107
	06/25/99	----	<0.0500	126	7.97	2.3/2.5	-101/-106
	12/28/99	<0.500	<5.00	98.8	0.380	2.1/2.4	-112/-120
	05/31/00	<0.500	6.89	129	0.130	1.8/2.7	-15/-73
	10/17/00	---	---	---	---	---	---
MW-3	06/10/98	----	<1.0	15	3.5	0.8/0.9	-101/-149
	12/30/98	<0.250	<1.0	21	2.1	1.3/1.4	-84/-76
	06/25/99	----	<0.0500	4.74	8.73	1.4/1.9	-138/-148
	12/28/99	<0.500	<5.00	5.10	0.260	1.3/1.5	-86/-74
	05/31/00	<0.500	<1.00	19.3	22.6	1.2/2.2	-68/-103
	10/17/00	<0.5	<1.00	21.2	5.78	2.0/2.1	152/138
	05/01/01	**<0.25**	**---**	**8.72**	**0.328**	**1.9/2.7**	**-63/-95**
	05/29/01	**---**	**0.45**	**---**	---	**3.0/1.9**	**78/-8**
MW-4	12/30/98	<0.250	<1.0	9.6	1.6	1.7/1.6	-118/-111
	12/28/99	<0.500	<5.00	<5.00	<0.0100	1.4/1.5	-121/-117
	05/31/00	<0.500	---	---	---	---	---
	10/17/00	0.513	1.05	16.0	0.338	3.8/4.0	167/131
MW-6	06/10/98	----	<1.0	7.4	1.8	0.4/0.4	-159/-155
	12/30/98	<0.250	<1.0	120	0.46	2.1/1.6	-98/-107
	06/25/99	----	0.101	22.1	12.80	1.4/3.6	-143/-136
	12/28/99	0.568	<5.00	147	0.320	1.8/2.0	-108/-96
	05/31/00	<0.500	<1.00	19.2	0.704	0.92/2.30	-31/-91
	10/17/00	<0.5	<1.00	<5.00	3.31	2.5/2.1	-107/-126
	05/01/01	**0.416**	**---**	**4.88**	**<0.1**	**2.2/1.6**	**-107/-112**

Table 1. **Groundwater Analytical Data - Other Constituents** - Shell-branded Service Station - Incident #98995749, 285 Hegenberger Road, Oakland, California

Well ID	Date	Motor Oil	Nitrate as Nitrate	Sulfate	Ferrous Iron	DO	ORP (millivolts)
		← (Concentrations in ppm) →					
	05/29/01	**—**	**<0.1**	**—**	**—**	**2.0/1.3**	**33/-65**
MW-8	12/30/98	<0.250	12	54	0.031	0.8/0.9	-128/-121
	12/28/99	<0.500	<5.00	<5.00	<0.0100	1.0/0.9	-136/-121
	05/31/00	---	---	---	---	---	---
	10/17/00	<0.5	<1.00	23.2	1.12	4.0/4.1	114/119
MW-9	06/10/98	----	<1.0	6.6	21	0.3/0.4	-169/-188
	12/30/98	<0.250	<1.0	6.4	9.3	1.1/1.2	-107/-111
	06/25/99	----	0.0900	1.25	19.80	1.2/2.4	-164/-153
	12/28/99	<0.500	<5.00	<5.00	0.660	1.0/1.1	-111/-115
	05/31/00	<0.500	<1.00	13.9	1.41	2.8/a	-21/162
	10/17/00	<0.5	<1.00	<5.00	13.3	3.0/3.5	-126/-132
	05/01/01	**<0.250**	**—**	**<1**	**2.66**	**1.6/1.0**	**-144/-154**
	05/29/01	**—**	**<0.1**	**—**	**—**	**1.9/1.5**	**45/-96**
MW-10	06/10/98	----	<1.0	6.3	17	0.7/0.5	-149/-162
	12/30/98	<0.250	<1.0	8.0	17	1.0/0.7	-72/-89
	06/25/99	----	0.134	<1.00	15.80	0.9/2.5	-139/-119
	12/28/99	0.604	0.998	<5.00	2.20	1.2/1.4	-87/-92
	05/31/00	<0.500	<1.00	12.4	3.22	2.8/3.9	-28/-93
	10/17/00	<0.5	<1.00	<5.00	8.30	2.3/3.0	-160/-113
	05/01/01	**0.884**	**—**	**<1**	**2.34**	**2.0/1.1**	**-129/-137**
	05/29/01	**—**	**<0.1**	**—**	**—**	**3.70/1.8**	**-15/-50**
MW-11	12/30/98	<0.250	<1.0	1,000	0.21	0.7/0.6	-86/-74
	12/28/99	<0.500	<5.00	<5.00	<0.0100	0.8/1.0	-94/-67
	05/31/00	---	---	---	---	---	---
	10/17/00	<0.50	<1.00	1,140	1.74	4.1/4.0	81/64
MW-12	12/30/98	<0.250	6.1	1,500	0.06	1.3/0.9	-119/-106
	12/28/99	<0.500	<5.00	<5.00	<0.0100	1.0/1.2	-120/-110
	05/31/00	---	---	---	---	---	---
	10/17/00	<0.50	<1.00	182	0.0107	5.1/3.0	15/24
MW-13	12/30/98	<0.250	7.2	230	0.031	1.1/0.8	-111/-104
	12/28/99	<0.500	<5.00	<5.00	<0.0100	0.8/1.0	-117/-115

Table 1. **Groundwater Analytical Data - Other Constituents** - Shell-branded Service Station - Incident #98995749, 285 Hegenberger Road, Oakland, California

Well ID	Date	Motor Oil	Nitrate as Nitrate	Sulfate	Ferrous Iron	DO	ORP (millivolts)
		← (Concentrations in ppm) →					
	05/31/00	---	---	---	---	---	---
	10/17/00	<0.5	<1.00	1,800	0.169	2.5/2.8	-10/19
VEW-5	10/17/00	<1	<1.00	15.0	2.64	3.0/3.1	-112/-126
	05/01/01	**1.45**			**2.4**	**0.4/0.6**	**-95/-133**
VEW-6	10/17/00	<1	<1.00	17.7	4.16	2.0/2.1	-92/-115
	05/01/01	**0.805**	**---**	**---**	**1.67**	**0.8/1.2**	**-108/-129**
	05/29/01	**---**	**0.49**	**---**	**---**	**3.0/1.7**	**-13//-53**
VEW-7	10/17/00	<1	<0.200	1.96	508	3.5/4.1	-87/-82
	05/01/01	**0.348**	**---**		**1.97**	**0.8/0.8**	**-102/-120**
	05/29/01	**---**	**0.43**	**---**	**---**	**2.5/1.4**	**-21/-75**
AS-1	10/17/00	<1	<1.00	965	0.708	2.0/2.5	-109/-79
AS-2	10/17/00	<0.5	<1.00	3,810	2.46	3.1/3.0	-65/-69
AS-3	10/17/00	1.26	<1.00	493	0.0402	3.1/3.0	26/29

Ideal Aerobic Degradation Relationship:	Inverse	Inverse	Direct	Inverse	Direct
Observed Relationship:	Inconclusive	Moderately Inverse	Moderately Direct	Moderately Inverse	Inconclusive

Abbreviations:

ppm = Parts per million
DO = Dissolved oxygen, measured in the field, reported as pre-purge/post-purge
ORP = Oxidation reduction potential, measured in the field, reported as pre-purge/post-purge

Notes:

---- = Not analyzed
<n = Below detection limit of n ppm
Motor oil by DHS LUFT
Ferrous iron analyzed by EPA Method 200.7
Nitrate as nitrate and sulfate analyzed by EPA Method 300.0
a = Post-purge reading not taken

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES, INC.

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SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

June 25, 2001

Karen Petryna
Equiva Services LLC
P.O. Box 7869
Burbank, CA 91510-7869

Second Quarter 2001 Groundwater Monitoring at
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA

Monitoring performed on May 1 and 29, 2001

Groundwater Monitoring Report **010501-F-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, apprioriate calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Nick Sudano
Project Coordinator

NS/jt

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Anni Kreml
Cambria Environmental Technology, Inc.
114 65th Street, Suite C
Oakland, CA 94608-2411

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA
Wic #204-5508-5504

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	02/16/1989	99,000	NA	20,000	23,000	5,700	2,300	NA	NA	6.64	3.83	2.81	NA
MW-1	05/23/1989	48,000	11,000	4,200	5,200	1,200	7,700	NA	NA	6.64	3.59	3.05	NA
MW-1	08/03/1989	63,000	11,000	5,500	5,500	3,200	9,500	NA	NA	6.64	4.04	2.60	NA
MW-1	12/15/1989	30,000	11,000	ND	ND	ND	ND	NA	NA	6.64	4.22	2.42	NA
MW-1	02/07/1990	93,000	10,000	13,000	9,600	2,400	14,000	NA	NA	6.64	4.60	2.04	NA
MW-1	04/18/1990	55,000	8,700	14,000	8,400	3,200	13,000	NA	NA	6.64	4.02	2.62	NA
MW-1	07/23/1990	73,000	3,600	16,000	7,400	2,800	15,000	NA	NA	6.64	4.17	2.47	NA
MW-1	09/27/1990	45,000	1,700	8,000	4,300	2,000	11,000	NA	NA	6.64	4.60	2.04	NA
MW-1	01/03/1991	43,000	3,100	10,000	3,400	1,900	11,000	NA	NA	6.64	4.88	1.76	NA
MW-1	04/10/1991	67,000	1,800	20,000	9,600	3,500	16,000	NA	NA	6.64	3.55	3.09	NA
MW-1	07/12/1991	NA	NA	NA	NA	NA	NA	NA	NA	6.64	3.97	2.67	NA
MW-1	10/08/1991	55,000	7,400	18,000	3,500	2,300	8,600	NA	NA	6.64	4.26	2.38	NA
MW-1	02/06/1992	48,000	15,000a	12,000	2,800	1,900	7,400	NA	NA	6.64	4.94	1.70	NA
MW-1	05/04/1992	71,000	10,000a	16,000	6,000	3,100	14,000	NA	NA	6.64	3.58	3.06	NA
MW-1	07/28/1992	68,000	18,000a	21,000	5,500	3,400	15,000	NA	NA	6.64	3.91	2.73	NA
MW-1 (D)	07/28/1992	70,000	19,000a	17,000	5,000	2,700	13,000	NA	NA	6.64	3.91	2.73	NA
MW-1	10/27/1992	53,000	1,300	18,000	3,700	3,400	11,000	NA	NA	6.64	4.79	1.85	NA
MW-1 (D)	10/27/1992	48,000	2,500a	17,000	3,600	3,100	9,900	NA	NA	6.64	4.79	1.85	NA
MW-1	01/14/1993	84,000	2,200a	17,000	5,400	3,000	13,000	NA	NA	6.64	3.39	3.25	NA
MW-1	04/23/1993	100,000	2,300a	18,000	7,800	4,700	20,000	NA	NA	6.64	2.67	3.97	NA
MW-1	07/20/1993	41a	3,100a	12,000	870	1,500	4,400	NA	NA	9.50	3.48	6.02	NA
MW-1	10/18/1993	33,000	8,100a	14,000	1,200	2,000	4,900	NA	NA	9.50	4.20	5.30	NA
MW-1 (D)	10/18/1993	44,000	3,700a	14,000	1,200	2,000	4,900	NA	NA	9.50	4.20	5.30	NA
MW-1	01/06/1994	71,000	9,000a	9,000	870	1,600	5,100	NA	NA	9.50	4.13	5.37	NA
MW-1	04/12/1994	42,000	5,900	6,600	170	2,300	4,700	NA	NA	9.50	2.42	7.08	NA
MW-1 (D)	04/12/1994	40,000	4,700	6,300	180	2,000	4,400	NA	NA	9.50	2.42	7.08	NA

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA
Wic #204-5508-5504

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	07/25/1994	13,000	7,000a	4,400	110	460	1,400	NA	NA	9.50	3.37	6.13	NA
MW-1	10/25/1994	19,000	3,900	5,500	210	880	2,000	NA	NA	9.50	4.07	5.43	NA
MW-1	01/09/1995	37,000	8,600a	6,700	800	2,800	8,900	NA	NA	9.50	2.65	6.85	NA
MW-1	04/11/1995	26,000	5,500	4,700	270	1,800	3,400	NA	NA	9.50	2.38	7.12	NA
MW-1	07/18/1995	57,000	7,000	7,500	880	4,100	11,000	NA	NA	9.50	3.49	6.01	NA
MW-1 (D)	07/19/1995	46,000	6,600	6,000	670	3,200	7,500	NA	NA	9.50	3.49	6.01	NA
MW-1	10/18/1995b	37,000	3,200	5,400	450	2,600	7,400	10,000	NA	9.50	NA	NA	NA
MW-1	01/09/1996	32,000	NA	3,000	240	1,900	3,500	6,100	NA	9.50	2.95	6.55	NA
MW-1	04/02/1996	30,000	NA	3,100	260	2.0	3,900	8.0	NA	9.50	2.00	7.50	NA
MW-1	10/03/1996	18,000	2,800	3,000	120	1,200	1,700	7,500	NA	9.50	3.21	6.29	2.2
MW-1	04/03/1997	29,000	3,000	2,300	170	2,300	2,900	4,300	NA	9.50	2.84	6.66	2.2
MW-1	10/08/1997	22,000	3,600	920	71	2,400	2,200	820	NA	9.50	2.58	6.92	1.5
MW-1	06/10/1998	13,000	2,900	860	<100	1,300	500	29,000	32,000	9.50	2.67	6.83	0.5/0.5
MW-1 (D)	06/10/1998	9,400	2,100	870	<50	1,300	520	28,000	NA	9.50	2.67	6.83	0.5/0.5
MW-1	12/30/1998	6,930	1,540	714	52.7	243	<25.0	9,000	NA	9.50	4.68	4.82	1.6/1.4
MW-1 *	06/25/1999	12,600	NA	1,110	44.7	1,340	710	6,080	NA	9.50	2.86	6.64	1.2/2.1
MW-1	12/28/1999	3,260	1,170	527	14.0	50.7	40.3	5,430	7,060b	9.50	3.23	6.27	1.4/1.8
MW-1	05/31/2000	6,820	2,050	1,620	<50.0	116	<50.0	6,070	4,710	9.50	2.39	7.11	0.98/2.27
MW-1	10/17/2000	2,530	995a	388	<10.0	16.4	22.1	917	NA	9.50	2.05	7.45	4.0/3.1
MW-1	**05/01/2001**	**12,300**	**1,510**	**1,480**	**19.5**	**205**	**111**	**4,160**	**NA**	**9.50**	**3.55**	**5.95**	**1.6/1.3**
MW-2	02/16/1989	20,000	NA	200	900	2,700	9,600	NA	NA	7.68	5.33	2.35	NA
MW-2	05/23/1989	1,500	1,600	4.3	2.9	11	150	NA	NA	7.68	5.23	2.45	NA
MW-2	08/03/1989	15,000	7,400	75	120	850	2,200	NA	NA	7.68	6.03	1.65	NA
MW-2	12/15/1989	5,000	2,600	52	13	4.1	290	NA	NA	7.68	6.43	1.25	NA
MW-2	02/07/1990	13,000	4,800	32	34	230	640	NA	NA	7.68	5.82	1.86	NA
MW-2	04/18/1990	9,800	3,200	33	19	460	1,700	NA	NA	7.68	5.88	1.80	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	07/23/1990	9,600	2,700	41	27	540	940	NA	NA	7.68	6.05	1.63	NA
MW-2	10/01/1990	390	1,600	3.4	15	8.5	25	NA	NA	7.68	NA	NA	NA
MW-2	01/03/1991	1,800	830	56	4.4	4.8	92	NA	NA	7.68	6.82	0.86	NA
MW-2	04/10/1991	1,900	280	ND	28	140	490	NA	NA	7.68	4.80	2.88	NA
MW-2	07/12/1991	8,100	1,100	89	66	350	930	NA	NA	7.68	5.70	1.98	NA
MW-2	10/08/1991	1,400	2,600	5.1	1.5	36	270	NA	NA	7.68	6.40	1.28	NA
MW-2	02/06/1992	2,000	5,400a	7.8	2.5	130	210	NA	NA	7.68	6.40	1.28	NA
MW-2	05/04/1992	21	1,000	ND	ND	300	960	NA	NA	7.68	4.68	3.00	NA
MW-2	07/28/1992	2,100	830a	7.7	3.3	130	310	NA	NA	7.68	5.86	1.82	NA
MW-2	10/27/1992	1,100	530	16	3.1	4.5	25	NA	NA	7.68	6.96	0.72	NA
MW-2	01/14/1993	290	170a	5.2	3.1	8.4	21	NA	NA	7.68	4.12	3.56	NA
MW-2	04/23/1993	2,400	1,200a	ND	ND	210	610	NA	NA	7.68	3.84	3.84	NA
MW-2	07/20/1993	440	130	1.7	1.7	15	38	NA	NA	10.55	5.17	5.38	NA
MW-2	10/18/1993	2,100	1,600a	ND	ND	90	110	NA	NA	10.55	6.20	4.35	NA
MW-2	01/06/1994	1.9a	130	ND	6.7	7.1	12	NA	NA	10.55	5.39	5.16	NA
MW-2	04/12/1994	120	130	ND	ND	3.4	4.3	NA	NA	10.55	4.72	5.83	NA
MW-2	07/25/1994	0.18a	280a	5.3	ND	6.2	8.2	NA	NA	10.55	5.44	5.11	NA
MW-2	10/25/1994	170	400	ND	ND	ND	ND	NA	NA	10.55	6.73	3.82	NA
MW-2	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.55	4.34	6.21	NA
MW-2	04/11/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.55	3.72	6.83	NA
MW-2	07/18/1995	250	160	2.8	0.5	12	13	NA	NA	10.55	4.91	5.64	NA
MW-2	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.55	5.88	4.67	NA
MW-2	01/09/1996	790	130	5.1	1.5	2.4	4.6	1,400	NA	10.55	4.75	5.80	NA
MW-2	04/02/1996	260	NA	<2	<2	13	6.9	540	NA	10.55	3.25	7.30	NA
MW-2	10/03/1996	<2,000	620	<20	<20	<20	<20	13,000	NA	10.55	5.27	5.28	2.3
MW-2	04/03/1997	<1,000	190	<10	<10	<10	<10	2,800	NA	10.55	3.99	6.56	2.2
MW-2	10/08/1997	<5,000	1,100	<50	<50	<50	<50	d	NA	10.55	5.03	5.52	1.6

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	06/10/1998	120	310	1.7	<1.0	<1.0	<1.0	3,800	NA	10.55	4.11	6.44	0.7/0.6
MW-2	12/30/1998	<5,000	1,050	<50.0	<50.0	<50.0	<50.0	12,100	15,300	10.55	4.76	5.79	1.3/1.2
MW-2 *	06/25/1999	<1,000	NA	<10.0	<10.0	<10.0	<10.0	7,570	NA	10.55	4.63	5.92	2.3/2.5
MW-2	12/28/1999	228	446	4.54	<0.500	<0.500	<0.500	4,260	NA	10.55	4.95	5.60	2.1/2.4
MW-2	05/31/2000	597	187	19.3	<0.500	0.860	<0.500	2,480	NA	10.55	4.06	6.49	1.8/2.7
MW-2	10/17/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	10.55	NA	NA	NA
MW-2	**05/01/2001**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**10.55**	**NA**	**NA**	**NA**
MW-3	02/16/1989	60,000	NA	5,500	ND	3,200	5,200	NA	NA	7.81	5.17	2.64	NA
MW-3	05/23/1989	ND	1,500	ND	200	ND	ND	NA	NA	7.81	5.09	2.72	NA
MW-3	08/03/1989	2,000	1,200	120	ND	ND	86	NA	NA	7.81	5.34	2.47	NA
MW-3	12/15/1989	5,200	1,700	380	12	17	410	NA	NA	7.81	6.02	1.79	NA
MW-3	02/07/1990	260	230	17	47	5.4	2.5	NA	NA	7.81	4.95	2.86	NA
MW-3	04/18/1990	260	ND	ND	ND	ND	9.4	NA	NA	7.81	5.55	2.26	NA
MW-3	07/23/1990	510	210	46	ND	ND	9.3	NA	NA	7.81	5.81	2.00	NA
MW-3	09/27/1990	460	350	6.3	1.2	ND	15	NA	NA	7.81	6.86	0.95	NA
MW-3	01/03/1991	4,800	630	920	1.7	ND	190	NA	NA	7.81	6.84	0.97	NA
MW-3	04/10/1991	120	60	1.2	8.8	3.5	21	NA	NA	7.81	4.93	2.88	NA
MW-3	07/12/1991	430	ND	12	0.8	ND	7.7	NA	NA	7.81	5.56	2.25	NA
MW-3	10/08/1991	770	560	140	ND	ND	53	NA	NA	7.81	6.62	1.19	NA
MW-3	02/06/1992	500	340a	74	0.7	5.2	5.3	NA	NA	7.81	6.28	1.53	NA
MW-3	05/04/1992	310	290a	47	0.9	17	16	NA	NA	7.81	4.65	3.16	NA
MW-3	07/28/1992	780	100a	130	ND	13	4.2	NA	NA	7.81	5.56	2.25	NA
MW-3	10/27/1992	740	69a	92	ND	7.8	9.6	NA	NA	7.81	6.65	1.16	NA
MW-3	01/14/1993	ND	ND	2.4	2.8	ND	ND	NA	NA	7.81	3.88	3.93	NA
MW-3	04/23/1993b	NA	NA	NA	NA	NA	NA	NA	NA	7.81	NA	NA	NA
MW-3	07/20/1993b	NA	NA	NA	NA	NA	NA	NA	NA	11.25 (TOB)	NA	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-3	10/18/1993b	NA	NA	NA	NA	NA	NA	NA	NA	11.25 (TOB)	NA	NA	NA
MW-3	01/06/1994	130	64	1.7	ND	ND	0.93	NA	NA	11.25 (TOB)	5.54	NA	NA
MW-3	04/12/1994	ND	75	0.82	ND	ND	0.7	NA	NA	11.25 (TOB)	4.82	NA	NA
MW-3	07/25/1994	0.06a	ND	2.8	ND	ND	0.7	NA	NA	11.25 (TOB)	6.03 (TOB)	5.22	NA
MW-3	10/25/1994	70	100	ND	ND	ND	ND	NA	NA	11.25 (TOB)	6.48	NA	NA
MW-3	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	11.25 (TOB)	4.86 (TOB)	6.39	NA
MW-3	04/11/1995	ND	ND	ND	ND	ND	ND	NA	NA	11.25 (TOB)	4.22 (TOB)	7.03	NA
MW-3	07/18/1995	ND	90	2.8	ND	ND	ND	NA	NA	11.25 (TOB)	5.44 (TOB)	5.81	NA
MW-3	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	11.25 (TOB)	5.72	NA	NA
MW-3	01/09/1996	90	90	1.7	ND	<0.5	<0.5	61	NA	11.25 (TOB)	4.96	NA	NA
MW-3	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	24	NA	11.25 (TOB)	3.43	NA	NA
MW-3	10/03/1996	<500	180	<5	<5	<5	<5	1,200	NA	11.25 (TOB)	5.39	NA	2.4
MW-3	04/03/1997	150	83	3.2	<0.50	<0.50	0.81	280	NA	11.25 (TOB)	4.20	NA	2.0
MW-3	10/08/1997	180	120	7.3	0.68	0.54	3.9	1,700	NA	11.25 (TOB)	5.51(TOB)	5.74	2.1
MW-3	06/10/1998	130	120	12	0.85	<0.50	2.1	600	NA	11.25 (TOB)	3.91(TOB)	7.34	0.8/0.9
MW-3	12/30/1998	<250	108	<2.50	<2.50	<2.50	<2.50	1,010	NA	11.25 (TOB)	5.76 (TOB)	5.49	1.3/1.4
MW-3 *	06/25/1999	269	NA	4.24	<2.50	<2.50	<2.50	1,180	NA	11.25 (TOB)	4.73	NA	1.4/1.9
MW-3	12/28/1999	333	122	41.4	6.48	6.57	21.3	2,680	NA	11.25 (TOB)	5.75 (TOB)	5.50	1.3/1.5
MW-3	05/31/2000	1,180	89.2	19.1	1.92	3.26	<1.00	2,130	NA	11.25 (TOB)	4.96 (TOB)	6.29	1.2/2.2
MW-3	10/17/2000	156	183a	5.22	0.819	<0.500	1.53	2,250	NA	11.25 (TOB)	5.70 (TOB)	5.55	2.0/2.1
MW-3	**05/01/2001**	**286**	**95.9**	**<2.50**	**<2.50**	**<2.50**	**<2.50**	**1,470**	**NA**	**11.25 (TOB)**	**4.88 (TOB)**	**6.37**	**1.9/2.7**
MW-3	**05/29/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**11.25 (TOB)**	**5.25 (TOB)**	**6.00**	**3.0/1.9**

MW-4	05/23/1989	ND	ND	ND	ND	ND	ND	NA	NA	7.38	5.60	1.78	NA
MW-4	08/03/1989	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.37	1.01	NA
MW-4	12/15/1989	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.91	0.47	NA
MW-4	03/08/1990	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.06	1.32	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	04/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	7.38	5.84	1.54	NA
MW-4	07/23/1990	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.92	0.46	NA
MW-4	09/27/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.38	8.03	0.65	NA
MW-4	01/03/1991	NA	NA	NA	NA	NA	NA	NA	NA	7.38	7.54	-0.16	NA
MW-4	04/10/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.38	5.06	2.32	NA
MW-4	07/12/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.86	0.52	NA
MW-4	10/08/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.38	7.44	-0.06	NA
MW-4	02/06/1992	120	2,500a	ND	ND	ND	ND	NA	NA	7.38	7.29	0.09	NA
MW-4	05/04/1992	ND	53	ND	ND	ND	ND	NA	NA	7.38	5.33	2.05	NA
MW-4	07/28/1992	ND	60	ND	ND	ND	ND	NA	NA	7.38	6.95	0.43	NA
MW-4	10/27/1992	ND	ND	ND	ND	ND	ND	NA	NA	7.38	7.65	-0.27	NA
MW-4	01/14/1993	ND	ND	ND	ND	ND	ND	NA	NA	7.38	4.84	2.54	NA
MW-4	04/23/1993	ND	ND	ND	ND	ND	ND	NA	NA	7.38	4.84	2.54	NA
MW-4	07/20/1993	ND	ND	2.2	ND	1.1	7.7	NA	NA	10.28	6.47	3.81	NA
MW-4	10/18/1993	ND	ND	ND	1.2	ND	ND	NA	NA	10.28	7.35	2.93	NA
MW-4	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.28	7.64	2.64	NA
MW-4	04/12/1994	ND	76	ND	ND	ND	ND	NA	NA	10.28	6.39	3.89	NA
MW-4	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.28	7.00	3.28	NA
MW-4	10/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.28	7.53	2.75	NA
MW-4	01/09/1995	ND	70a	ND	ND	ND	ND	NA	NA	10.28	4.90	5.38	NA
MW-4	04/11/1995	ND	140	1.5	ND	0.6	3.4	NA	NA	10.28	5.04	5.24	NA
MW-4	07/18/1995	ND	160	13	3.4	ND	ND	NA	NA	10.28	6.18	4.10	NA
MW-4	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.28	6.63	3.65	NA
MW-4	01/09/1996	<50	ND	<0.5	ND	<0.5	<0.5	ND	NA	10.28	3.82	6.46	NA
MW-4	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.28	3.97	6.31	NA
MW-4	10/03/1996	<50	81	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.28	3.74	6.54	NA
MW-4	04/03/1997	<50	69	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.28	3.74	6.54	1.8

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	10/08/1997	<50	75	<0.50	<0.50	<0.50	<0.50	13	NA	10.28	4.89	5.39	2.0
MW-4 (D)	10/08/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.28	4.89	5.39	2.0
MW-4	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.28	4.39	5.89	NA
MW-4	12/30/1998	<50.0	94.1	<0.500	<0.500	<0.500	0.580	7.33	NA	10.28	5.58	4.70	1.7/1.6
MW-4	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.28	4.17	6.11	NA
MW-4	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.28	4.54	5.74	1.4/1.5
MW-4	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.28	3.85	6.43	NA
MW-4	10/17/2000	<50.0	274a	<0.500	<0.500	<0.500	<0.500	9.40	NA	10.28	3.50	6.78	3.8/4.0
MW-4	**05/01/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**10.28**	**4.10**	**6.18**	**NA**
MW-5	05/23/1989	26,000	7,000	1,500	280	ND	8,100	NA	NA	8.18	5.47	2.71	NA
MW-5	08/03/1989	12,000	8,700	860	94	ND	2,600	NA	NA	8.18	5.94	2.24	NA
MW-5	12/15/1989	1,000	710	22	35	18	44	NA	NA	8.18	6.75	1.43	NA
MW-5	02/07/1990	ND	620	0.8	ND	ND	ND	NA	NA	8.18	6.03	2.15	NA
MW-5	04/18/1990	19,000	5,000	4,500	850	97	8,000	NA	NA	8.18	5.80	2.38	NA
MW-5	07/23/1990	23,000	2,700	3,600	400	160	6,500	NA	NA	8.18	6.00	2.18	NA
MW-5	09/23/1990	5,400	550	1,400	26	13	1,300	NA	NA	8.18	7.18	1.00	NA
MW-5	01/03/1991	860	560	280	2.8	0.8	45	NA	NA	8.18	7.17	1.01	NA
MW-5	04/10/1991	12,000	1,800	710	130	500	2,400	NA	NA	8.18	5.25	2.93	NA
MW-5	07/12/1991	24,000	1,700	2,200	280	430	5,700	NA	NA	8.18	5.70	2.48	NA
MW-5	10/08/1991	2,800	1,400	860	13	ND	580	NA	NA	8.18	6.50	1.68	NA
MW-5	02/06/1992	1,000	1,200	300	ND	14	62	NA	NA	8.18	6.35	1.83	NA
MW-5	05/04/1992	10,000	4,100a	1,500	350	710	2,300	NA	NA	8.18	4.87	3.31	NA
MW-5	07/28/1992	12,000	3,800a	2,200	63	1,400	3,500	NA	NA	8.18	5.73	2.45	NA
MW-5	10/27/1992	7,500	480a	1,100	59	230	900	NA	NA	8.18	6.98	1.20	NA
MW-5	01/14/1993	7,700	1,100a	420	49	570	840	NA	NA	8.18	4.70	3.48	NA
MW-5	04/23/1993	110,000	1,600a	2,900	2,500	3,400	12,000	NA	NA	8.18	4.19	3.99	NA

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MW-5	07/20/1993	18a	1,200a	1,400	84	1,500	3,200	NA	NA	10.87	5.10	5.77	NA
MW-5	10/18/1993	14,000	5,800a	2,000	100	2,300	5,100	NA	NA	10.87	5.79	5.08	NA
MW-5	01/06/1994	81,000	1,100a	11,000	9,300	3,600	12,000	NA	NA	10.87	5.56	5.31	NA
MW-5	04/12/1994	17,000	4,100	2,900	380	430	1,300	NA	NA	10.87	4.90	5.97	NA
MW-5	07/25/1994	5,900	5,400a	1,500	42	34	170	NA	NA	10.87	5.38	5.49	NA
MW-5	10/25/1994	2,300	1,900a	35	3	ND	8	NA	NA	10.87	6.16	4.71	NA
MW-5	01/09/1995	8,300	3,700a	1,500	95	330	1,900	NA	NA	10.87	4.60	6.27	NA
MW-5	04/11/1995	7,300	9,800	1,200	230	600	550	NA	NA	10.87	3.74	7.13	NA
MW-5	07/18/1995	17,000	5,100	2,300	730	770	2,500	NA	NA	10.87	4.97	5.90	NA
MW-5	10/18/1995	Well abandoned		NA	NA	NA	NA	NA	NA	10.87	5.67	5.20	NA
MW-6	05/23/1989	22,000	7,000	16	6.5	7	3,400	NA	NA	8.21	5.47	2.74	NA
MW-6	08/03/1989	28,000	8,800	1,200	130	2,100	2,800	NA	NA	8.21	5.91	2.30	NA
MW-6	12/15/1989	16,000	5,500	370	92	200	180	NA	NA	8.21	5.98	2.23	NA
MW-6	02/07/1990	22,000	2,600	520	85	630	770	NA	NA	8.21	5.47	2.74	NA
MW-6	04/18/1990	21,000	5,700	900	77	2,700	2,700	NA	NA	8.21	5.80	2.41	NA
MW-6	07/23/1990	24,000	3,000	1,000	94	3,400	2,700	NA	NA	8.21	5.85	2.36	NA
MW-6	09/27/1990	22,000	ND	700	93	2,500	2,400	NA	NA	8.21	6.42	1.79	NA
MW-6	01/03/1991	25,000	960	1,000	88	2,600	3,700	NA	NA	8.21	6.73	1.48	NA
MW-6	04/10/1991	18,000	920	560	190	480	830	NA	NA	8.21	5.24	2.97	NA
MW-6	07/12/1991	9,500	1,900	670	51	1,100	920	NA	NA	8.21	5.78	2.43	NA
MW-6	10/08/1991	11,000	5,100	1,000	43	ND	ND	NA	NA	8.21	6.36	1.85	NA
MW-6	02/06/1992	7,200	1,500a	560	8	720	160	NA	NA	8.21	6.15	2.06	NA
MW-6	05/04/1992	7,900	2,900a	610	ND	1,500	240	NA	NA	8.21	5.07	3.14	NA
MW-6	07/28/1992	17,000	3,200a	1,200	ND	3,000	610	NA	NA	8.21	5.85	2.36	NA
MW-6	10/27/1992	15,000	1,300a	1,300	130	1,700	490	NA	NA	8.21	6.69	1.52	NA
MW-6	01/14/1993	4,900	1,600a	80	31	330	37	NA	NA	8.21	4.52	3.69	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-6	04/23/1993	4,800	1,800a	120	ND	780	73	NA	NA	8.21	4.32	3.89	NA
MW-6	07/20/1993	19a	910a	570	18	1,100	130	NA	NA	11.04	5.39	5.65	NA
MW-6	10/18/1993	24,000	2,500a	770	440	1,600	830	NA	NA	11.04	6.67	4.37	NA
MW-6	01/06/1994	20a	2,300a	450	30	530	52	NA	NA	11.04	5.66	5.38	NA
MW-6	04/12/1994	3,600	1,600	150	ND	340	21	NA	NA	11.04	4.91	6.13	NA
MW-6	07/25/1994	1,600	2,200a	160	ND	ND	10	NA	NA	11.04	5.55	5.49	NA
MW-6 (D)	07/25/1994	1,000	2,400a	160	ND	ND	18	NA	NA	11.04	5.55	5.49	NA
MW-6	10/25/1994	9,800	3,000a	390	22	300	57	NA	NA	11.04	6.24	4.80	NA
MW-6	01/09/1995	2,200	800a	74	12	400	39	NA	NA	11.04	4.58	6.46	NA
MW-6	04/11/1995	5,000	7,700	330	15	760	85	NA	NA	11.04	4.04	7.00	NA
MW-6	07/18/1995	4,200	1,700	320	11	490	22	NA	NA	11.04	5.01	6.03	NA
MW-6	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	11.04	5.86	5.18	NA
MW-6	01/09/1996	5,600	790	59	<5	180	12	14,000	NA	11.04	4.75	6.29	NA
MW-6	04/02/1996	1,500	NA	12	<5	170	9	1,900	NA	11.04	3.82	7.22	NA
MW-6	10/03/1996	2,600	1,800	110	<25	<25	<25	11,000	NA	11.04	5.27	5.77	2.2
MW-6	04/03/1997	<2,500	650	30	<25	32	<25	10,000	NA	11.04	4.42	6.62	2.0
MW-6	10/08/1997	1,900	1,100	31	<5.0	6.1	<5.0	2,600	NA	11.04	4.70	6.34	1.0
MW-6	06/10/1998	<1,000	1,500	17	12	14	88	14,000	NA	11.04	4.36	6.68	0.4/0.4
MW-6	12/30/1998	260	528	<2.50	<2.50	<2.50	<2.50	909	NA	11.04	4.98	6.06	2.1/1.6
MW-6 *	06/25/1999	<2,500	NA	<25.0	<25.0	<25.0	<25.0	8,850	7,630	11.04	4.81	6.23	1.4/3.6
MW-6	12/28/1999	526	416	7.60	<1.00	<1.00	<1.00	1,510	NA	11.04	5.17	5.87	1.8/2.0
MW-6	05/31/2000	2,870	998	45.7	4.70	8.61	<2.50	3,780	NA	11.04	4.58	6.46	0.92/2.30
MW-6	10/17/2000	2,370	944a	49.8	5.36	<5.00	<5.00	746	NA	11.04	4.80	6.24	2.5/2.1
MW-6	**05/01/2001**	**3,000**	**706**	**2.72**	**<2.50**	**4.46**	**<2.50**	**473**	**NA**	**11.04**	**4.75**	**6.29**	**2.2/1.6**
MW-6	**05/29/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**11.04**	**4.86**	**6.18**	**2.0/1.3**
MW-7	05/23/1989	47,000	11,000	3,500	5,000	1,500	7,800	NA	NA	7.44	5.48	1.96	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-7	08/03/1989	68,000	22,000	6,200	6,600	3,600	8,800	NA	NA	7.44	4.22	3.22	NA
MW-7	12/15/1989	100,000	12,000	4,500	5,300	1,300	5,300	NA	NA	7.44	4.58	2.86	NA
MW-7	02/07/1990	96,000	8,100	15,000	15,000	2,500	14,000	NA	NA	7.44	5.34	2.10	NA
MW-7	04/18/1990	94,000	10,000	25,000	13,000	3,300	13,000	NA	NA	7.44	4.92	2.52	NA
MW-7	07/23/1990	84,000	12,000	3,800	26,000	13,000	3,000	NA	NA	7.44	4.99	2.45	NA
MW-7	09/27/1990	43,000	ND	25,000	6,100	2,400	9,000	NA	NA	7.44	6.16	1.28	NA
MW-7	01/03/1991	78,000	3,100	26,000	16,000	3,000	14,000	NA	NA	7.44	4.96	2.48	NA
MW-7	04/10/1991	140,000	1,800	26,000	16,000	2,200	14,000	NA	NA	7.44	4.13	3.31	NA
MW-7	07/12/1991	79,000	1,100	7,700	7,200	2,300	10,000	NA	NA	7.44	4.98	2.46	NA
MW-7	10/08/1991	55,000	390a	29,000	7,500	1,800	9,300	NA	NA	7.44	5.48	1.96	NA
MW-7	02/06/1992	63,000	9,600a	16,000	8,700	1,600	7,400	NA	NA	7.44	5.05	2.39	NA
MW-7	05/04/1992	67,000	9,800a	22,000	13,000	1,800	9,400	NA	NA	7.44	4.43	3.01	NA
MW-7	07/28/1992	85,000	13,000a	26,000	17,000	2,900	15,000	NA	NA	7.44	4.88	2.56	NA
MW-7	10/27/1992	63,000	1,900a	21,000	11,000	3,000	11,000	NA	NA	7.44	5.39	2.05	NA
MW-7	01/14/1993	120,000	2,300a	28,000	21,000	1,600	15,000	NA	NA	7.44	4.26	3.18	NA
MW-7	04/23/1993	60,000	12,000a	17,000	3,700	2,200	11,000	NA	NA	7.44	4.04	3.40	NA
MW-7 (D)	04/23/1993	50,000	14,000a	17,000	4,200	2,200	11,000	NA	NA	7.44	4.04	3.40	NA
MW-7	07/20/1993	47,000	13,000	23,000	9,900	2,200	12,000	NA	NA	10.28	4.36	5.92	NA
MW-7	10/18/1993	44,000	10,000a	22,000	3,800	2,600	10,000	NA	NA	10.28	5.14	5.14	NA
MW-7	01/06/1994	65,000	5,200a	16,000	4,900	1,900	8,500	NA	NA	10.28	4.83	5.45	NA
MW-7	04/12/1994	68,000	3,400	12,000	2,000	580	6,400	NA	NA	10.28	4.24	6.04	NA
MW-7	07/25/1994	63,000	4,200a	16,000	5,800	300	8,300	NA	NA	10.28	4.58	5.70	NA
MW-7	10/25/1994	46,000	3,800a	16,000	3,700	1,200	7,300	NA	NA	10.28	5.07	5.21	NA
MW-7	01/09/1995	62,000	3,300a	24,000	8,500	1,100	9,400	NA	NA	10.28	3.38	6.90	NA
MW-7 (D)	01/11/1995	57,000	3,200a	9,500	7,900	620	8,000	NA	NA	10.28	3.38	6.90	NA
MW-7	04/11/1995	53,000	7,000	13,000	4,200	1,500	7,700	NA	NA	10.28	3.52	6.76	NA
MW-7 (D)	04/12/1995	55,000	7,600	11,000	3,700	1,300	6,400	NA	NA	10.28	3.52	6.76	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-7	07/18/1995	95,000	2,700	24,000	8,000	2,100	12,000	NA	NA	10.28	4.70	5.58	NA
MW-7	10/18/1995	Well abandoned		NA	NA	NA	NA	NA	NA	10.28	5.25	5.03	NA
MW-8	05/23/1989	ND	100	ND	ND	ND	ND	NA	NA	7.79	6.62	1.17	NA
MW-8	08/03/1989	ND	75	ND	ND	ND	ND	NA	NA	7.79	6.62	1.17	NA
MW-8	12/15/1989	ND	ND	ND	ND	ND	ND	NA	NA	7.79	6.71	1.08	NA
MW-8	03/08/1990	ND	ND	ND	ND	ND	ND	NA	NA	7.79	4.95	2.84	NA
MW-8	04/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	7.79	6.40	1.89	NA
MW-8	07/23/1990	ND	ND	ND	ND	ND	ND	NA	NA	7.79	6.62	1.17	NA
MW-8	09/27/1990	ND	1,100	ND	ND	ND	ND	NA	NA	7.79	6.98	0.81	NA
MW-8	01/03/1991	ND	ND	1.3	ND	ND	ND	NA	NA	7.79	7.03	0.76	NA
MW-8	04/10/1991	50	ND	0.7	1.1	0.8	1	NA	NA	7.79	4.40	3.39	NA
MW-8	07/12/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.79	6.80	0.99	NA
MW-8	10/08/1991	ND	ND	1.4	ND	ND	ND	NA	NA	7.79	7.56	0.23	NA
MW-8	02/06/1992	ND	60a	ND	0.7	ND	ND	NA	NA	7.79	6.94	0.85	NA
MW-8	05/04/1992	ND	210a	ND	ND	ND	ND	NA	NA	7.79	5.86	1.93	NA
MW-8	07/28/1992	51	ND	ND	ND	1	0.6	NA	NA	7.79	6.94	0.85	NA
MW-8	10/27/1992	ND	ND	ND	6.6	ND	ND	NA	NA	7.79	7.83	-0.04	NA
MW-8	01/14/1993	ND	64a	ND	ND	ND	ND	NA	NA	7.79	3.60	4.19	NA
MW-8 (D)	01/14/1993	ND	NA	ND	ND	ND	ND	NA	NA	7.79	3.60	4.19	NA
MW-8	04/23/1993	ND	ND	ND	ND	ND	ND	NA	NA	7.79	4.12	3.67	NA
MW-8	07/20/1993	ND	ND	0.7	0.7	0.8	4.1	NA	NA	10.61	6.38	4.23	NA
MW-8	10/18/1993	ND	ND	ND	800	ND	ND	NA	NA	10.61	7.47	3.14	NA
MW-8	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.61	7.20	3.41	NA
MW-8	04/12/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.61	6.16	4.45	NA
MW-8	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.61	6.94	3.67	NA
MW-8	10/25/1994	ND	ND	ND	1	ND	ND	NA	NA	10.61	7.43	3.18	NA

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MW-8	01/09/1995	ND	70a	ND	ND	ND	ND	NA	NA	10.61	3.98	6.63	NA
MW-8	04/11/1995	ND	78	0.63	1.3	ND	0.75	NA	NA	10.61	4.12	6.49	NA
MW-8	07/18/1995	ND	130	ND	ND	ND	ND	NA	NA	10.61	5.21	5.40	NA
MW-8	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.61	5.58	5.03	NA
MW-8	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	10.61	5.09	5.52	NA
MW-8	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.61	3.42	7.19	NA
MW-8	10/03/1996	<50	<69	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.61	4.30	6.31	NA
MW-8	04/03/1997	<50	62	<0.50	<0.50	<0.50	0.91	<2.5	NA	10.61	4.58	6.03	2.6
MW-8	10/08/1997	<50	57	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.61	3.00	7.61	3.6
MW-8	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.61	2.88	7.73	NA
MW-8	12/30/1998	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	10.61	5.38	5.23	0.8/0.9
MW-8	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.61	4.53	6.08	NA
MW-8	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.61	4.93	5.68	1.0/0.9
MW-8	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.61	4.02	6.59	NA
MW-8	10/17/2000	<50.0	143a	<0.500	<0.500	<0.500	<0.500	<2.50	NA	10.61	3.10	7.51	4.0/4.1
MW-8	**05/01/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**10.61**	**4.12**	**6.49**	**NA**
MW-9	08/03/1989	47,000	12,000	5,600	6,600	1,500	8,500	NA	NA	7.63	5.78	1.85	NA
MW-9	12/15/1989	88,000	9,200	4,300	5,400	140	5,600	NA	NA	7.63	5.24	2.39	NA
MW-9	02/07/1990	50,000	7,400	1,800	1,400	3,200	1,800	NA	NA	7.63	5.23	2.40	NA
MW-9	04/18/1990	50,000	7,500	14,000	11,000	730	10,000	NA	NA	7.63	5.34	2.29	NA
MW-9	07/23/1990	62,000	3,200	19,000	16,000	950	15,000	NA	NA	7.63	5.65	1.98	NA
MW-9	09/27/1990	30,000	2,700	16,000	6,500	980	11,000	NA	NA	7.63	5.96	1.67	NA
MW-9	01/03/1991	34,000	2,500	9,200	3,200	770	7,000	NA	NA	7.63	6.23	1.40	NA
MW-9	04/10/1991	66,000	2,200	17,000	13,000	1,400	14,000	NA	NA	7.63	4.65	2.98	NA
MW-9	07/12/1991	40,000	2,000	7,700	3,200	1,100	9,400	NA	NA	7.63	5.65	1.98	NA
MW-9	10/08/1991	20,000	4,700a	11,000	640	240	6,000	NA	NA	7.63	6.08	1.55	NA

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MW-9	02/06/1992	36,000	6,600a	11,000	490	1,100	6,700	NA	NA	7.63	5.92	1.71	NA
MW-9	05/04/1992	31,000	5,800a	11,000	1,700	1,200	8,700	NA	NA	7.63	4.80	2.83	NA
MW-9	07/28/1992	50,000	14,000	17,000	1,200	1,500	12,000	NA	NA	7.63	5.61	2.02	NA
MW-9	10/27/1992	43,000	880a	15,000	680	1,700	8,100	NA	NA	7.63	6.24	1.39	NA
MW-9	01/14/1993	52,000	730a	9,600	1,100	1,100	7,000	NA	NA	7.63	4.95	2.68	NA
MW-9	04/23/1993	45,000	8,000a	11,000	1,400	1,500	10,000	NA	NA	7.63	4.54	3.09	NA
MW-9	07/20/1993	25,000	5,100	10,000	320	1,100	7,100	NA	NA	10.48	5.25	5.23	NA
MW-9	10/18/1993	32,000	4,900a	14,000	530	2,000	10,000	NA	NA	10.48	6.00	4.48	NA
MW-9	01/06/1994	41,000	7,700a	15,000	810	1,400	9,000	NA	NA	10.48	5.62	4.86	NA
MW-9 (D)	01/06/1994	43,000	8,300a	15,000	920	1,300	8,000	NA	NA	10.48	5.62	4.86	NA
MW-9	04/12/1994	39,000	2,000	8,300	ND	ND	4,000	NA	NA	10.48	4.31	6.17	NA
MW-9	07/25/1994	22,000	3,600a	7,500	150	ND	4,100	NA	NA	10.48	5.43	5.05	NA
MW-9	10/25/1994	31,000	3,200a	13,000	240	1,000	8,500	NA	NA	10.48	6.00	4.48	NA
MW-9 (D)	10/26/1994	31,000	3,500a	13,000	220	1,100	8,300	NA	NA	10.48	6.00	4.48	NA
MW-9	01/09/1995	4,800	2,300a	1,200	510	42	1,400	NA	NA	10.48	4.26	6.22	NA
MW-9	04/11/1995	20,000	3,400	5,100	460	400	3,400	NA	NA	10.48	4.08	6.40	NA
MW-9	07/18/1995	43,000	2,900	12,000	1,800	960	9,100	NA	NA	10.48	5.07	5.41	NA
MW-9	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.48	5.82	4.66	NA
MW-9	01/09/1996	64,000	2,800	12,000	5,400	1,800	10,000	2100	NA	10.48	4.36	6.12	NA
MW-9	04/02/1996	39,000	NA	10,000	100	520	4,100	<500	NA	10.48	3.86	6.62	NA
MW-9	10/03/1996	46,000	3,100	12,000	180	1,400	6,700	2,300	NA	10.48	4.90	5.58	1.4
MW-9	04/03/1997	36,000	2,300	9,700	140	580	3,900	<500	NA	10.48	3.98	6.50	1.8
MW-9	10/08/1997	34,000	3,500	6,900	<100	830	4,500	<125	NA	10.48	4.17	6.31	0.8
MW-9	06/10/1998	20,000	2,500	9,900	250	3,100	170	460	NA	10.48	3.84	6.64	0.3/0.4
MW-9	12/30/1998	30,100	1,900	8,500	166	603	3,340	<100	NA	10.48	4.72	5.76	1.1/1.2
MW-9 *	06/25/1999	26,300	NA	8,090	73.5	409	2,730	<100	NA	10.48	4.47	6.01	1.2/2.4
MW-9	12/28/1999	4,130	839	1,260	57.9	103	213	1,470	NA	10.48	4.82	5.66	1.0/1.1

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-9	**05/31/2000**	**8,210**	**1,300**	**9,290**	**62.3**	**141**	**908**	**565**	**NA**	**10.48**	**3.87**	**6.61**	**2.8/c**
MW-9	**10/17/2000**	**19,000**	**1,510a**	**5,420**	**54.5**	**479**	**2,680**	**<250**	**NA**	**10.48**	**3.87**	**6.61**	**3.0/3.5**
MW-9	**05/01/2001**	**24,300**	**976**	**11,200**	**52.9**	**159**	**1,610**	**<250**	**NA**	**10.48**	**4.44**	**6.04**	**1.6/1.0**
MW-9	**05/29/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**10.48**	**3.99**	**6.49**	**1.9/1.5**
MW-10	12/15/1989	ND	3,100	1,500	ND	ND	ND	NA	NA	7.45	6.33	0.82	NA
MW-10	03/08/1990	25,000	1,800	17,000	330	2,100	1,400	NA	NA	7.45	5.41	2.00	NA
MW-10	04/18/1990	23,000	3,600	15,000	1,200	190	3,300	NA	NA	7.45	5.60	1.85	NA
MW-10	07/23/1990	18,000	1,900	12,000	380	ND	1,400	NA	NA	7.45	5.81	1.64	NA
MW-10	09/27/1990	9,500	430	13,000	100	1,800	230	NA	NA	7.45	6.64	0.81	NA
MW-10	01/03/1991	4,300	630	3,700	10	ND	110	NA	NA	7.45	6.96	0.49	NA
MW-10	04/10/1991	45,000	1,400	16,000	4,600	3,000	6,900	NA	NA	7.45	4.70	2.75	NA
MW-10	07/12/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.45	5.90	1.55	NA
MW-10	10/08/1991	3,800	1,500a	13,000	82	9	500	NA	NA	7.45	6.68	0.77	NA
MW-10	02/06/1992	22,000	1,600a	12,000	ND	600	170	NA	NA	7.45	7.04	0.41	NA
MW-10	05/04/1992	39,000	8,000a	14,000	5,000	1,800	5,000	NA	NA	7.45	4.69	2.76	NA
MW-10	07/28/1992	38,000	8,700a	17,000	2,800	1,500	4,000	NA	NA	7.45	6.00	1.45	NA
MW-10	10/27/1992b	NA	NA	NA	NA	NA	NA	NA	NA	7.45	NA	NA	NA
MW-10	01/14/1993	26,000	950a	10,000	ND	ND	160	NA	NA	7.45	6.07	1.38	NA
MW-10	04/23/1993	80,000	1,900a	21,000	13,000	3,400	12,000	NA	NA	7.45	4.14	3.31	NA
MW-10	07/20/1993	31,000	4,800	14,000	4,200	1,700	5,500	NA	NA	10.61	5.62	4.99	NA
MW-10	10/18/1993	13,000	1,200a	8,600	220	ND	450	NA	NA	10.61	6.43	4.18	NA
MW-10	01/06/1994	16,000	670a	9,700	<125	<125	210	NA	NA	10.61	6.74	3.87	NA
MW-10	04/12/1994	16,000	860	5,600	ND	ND	ND	NA	NA	10.61	5.98	4.63	NA
MW-10	07/25/1994	2,300	2,100a	1,400	26	25	51	NA	NA	10.61	6.31	4.30	NA
MW-10	10/25/1994	1,400	1,000a	290	5	2	38	NA	NA	10.61	6.64	3.97	NA
MW-10	01/09/1995	16,000	2,300a	7,500	1,400	230	1,500	NA	NA	10.61	5.70	4.91	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-10	04/11/1995	54,000	5,000	13,000	4,500	1,500	4,500	NA	NA	10.61	5.82	4.79	NA
MW-10	07/18/1995	72,000	2,600	20,000	7,200	2,800	9,000	NA	NA	10.61	6.79	3.82	NA
MW-10	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.61	5.31	5.30	NA
MW-10	01/09/1996	32,000	2,100	8,000	1,600	880	3,200	12,000	NA	10.61	5.92	4.69	NA
MW-10	04/02/1996	68,000	NA	9,100	2,300	1,100	3,700	3,300	NA	10.61	5.43	5.18	NA
MW-10	10/03/1996	33,000	2,900	11,000	1,300	830	2,400	7,300	NA	10.61	6.07	4.54	1.7
MW-10 (D)	10/03/1996	40,000	3,300	12,000	1,700	1,100	3,100	6,500	NA	10.61	6.07	4.54	1.7
MW-10	04/03/1997	36,000	3,400	12,000	2,300	1,400	4,500	2,300	NA	10.61	3.45	7.16	1.8
MW-10 (D)	04/03/1997	52,000	3,000	12,000	2,300	1,400	4,500	2,100	NA	10.61	3.45	7.16	1.8
MW-10	10/08/1997	20,000	3,100	7,500	420	470	1,300	1,500	NA	10.61	3.72	6.89	1.2
MW-10	06/10/1998	48,000	2,500	14,000	2,600	1,500	4,800	1,800	NA	10.61	4.00	6.61	0.7/0.5
MW-10	12/30/1998	17,800	2,820	6,000	136	344	639	1,250	NA	10.61	5.26	5.35	1.0/0.7
MW-10 *	06/25/1999	17,600	NA	6,150	212	287	687	1,740	NA	10.61	4.49	6.12	0.9/2.5
MW-10	12/28/1999	10,800	1,400	3,370	155	321	626	3,740	NA	10.61	4.87	5.74	1.2/1.4
MW-10	05/31/2000	3,020	2,270	1,080	34.3	118	251	775	NA	10.61	3.48	7.13	2.8/3.9
MW-10	10/17/2000	15,500	1,750a	7,450	54.7	387	308	3,840	4,300	10.61	4.25	6.36	2.3/3.0
MW-10	**05/01/2001**	**27,900**	**2,260**	**9,920**	**1,050**	**1,020**	**2,370**	**2,180**	**NA**	**10.61**	**5.40**	**5.21**	**2.0/1.1**
MW-10	**05/29/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**10.61**	**3.74**	**6.87**	**3.70/1.8**

MW-11	07/20/1993	50	ND	2.5	1.9	3.9	18	NA	NA	10.56	8.08	2.48	NA
MW-11	10/18/1993	ND	65	ND	ND	ND	ND	NA	NA	10.56	8.24	2.32	NA
MW-11	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.56	8.47	2.09	NA
MW-11	04/12/1994	ND	ND	1.1	0.87	ND	1.5	NA	NA	10.56	8.44	2.12	NA
MW-11	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.56	8.20	2.36	NA
MW-11	10/25/1994	ND	100	ND	ND	ND	ND	NA	NA	10.56	8.67	1.89	NA
MW-11	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.56	7.63	2.93	NA
MW-11	04/11/1995	ND	140	ND	0.7	ND	0.5	NA	NA	10.56	8.06	2.50	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-11	07/18/1995	ND	50	ND	ND	ND	ND	NA	NA	10.56	9.31	1.25	NA
MW-11	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.56	8.34	2.22	NA
MW-11	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	10.56	8.22	2.34	NA
MW-11	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.56	7.97	2.59	NA
MW-11	10/03/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.56	8.37	2.19	3.6
MW-11	04/03/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.56	8.31	2.25	2.2
MW-11	10/08/1997	<50	54	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.56	8.56	2.00	1.2
MW-11	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.56	7.85	2.71	NA
MW-11	12/30/1998	<50.0	66.2	<0.500	<0.500	<0.500	<0.500	<2.00	NA	10.56	8.51	2.05	0.7/0.6
MW-11	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.56	8.01	2.55	NA
MW-11	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.56	8.39	2.17	0.8/1.0
MW-11	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.56	7.38	3.18	NA
MW-11	10/17/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	10.56	8.35	2.21	4.1/4.0
MW-11	**05/01/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**10.56**	**8.15**	**2.41**	**NA**
MW-12	07/20/1993	ND	1,500	2.8	1.9	3.2	ND	NA	NA	9.56	6.76	2.80	NA
MW-12	10/18/1993	ND	ND	ND	ND	ND	ND	NA	NA	9.56	7.12	2.44	NA
MW-12	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	9.56	7.15	2.41	NA
MW-12	04/12/1994	ND	ND	0.61	ND	ND	1.1	NA	NA	9.56	6.68	2.88	NA
MW-12	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	9.56	6.83	2.73	NA
MW-12	10/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	9.56	7.34	2.22	NA
MW-12	01/09/1995	ND	80a	ND	ND	ND	ND	NA	NA	9.56	5.02	4.54	NA
MW-12	04/11/1995	ND	200	ND	ND	ND	ND	NA	NA	9.56	7.38	2.18	NA
MW-12	07/18/1995	ND	90	ND	ND	ND	ND	NA	NA	9.56	8.50	1.06	NA
MW-12	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	9.56	6.63	2.93	NA
MW-12	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	9.56	6.32	3.24	NA
MW-12	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	9.56	5.60	3.96	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-12	10/03/1996	<50	72	<0.5	<0.5	<0.5	<0.5	<2.5	NA	9.56	3.30	6.26	2.5
MW-12	04/03/1997	<50	74	<0.50	<0.50	<0.50	<0.50	<2.5	NA	9.56	6.13	3.43	2.2
MW-12	10/08/1997	<50	73	<0.50	<0.50	<0.50	<0.50	<2.5	NA	9.56	6.49	3.07	3.0
MW-12	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	9.56	5.85	3.71	NA
MW-12	12/30/1998	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	9.56	8.42	1.14	1.3/0.9
MW-12	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	9.56	7.89	1.67	NA
MW-12	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	9.56	8.26	1.30	1.0/1.2
MW-12	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	9.56	7.21	2.35	NA
MW-12	10/17/2000	<50.0	82.9a	<0.500	<0.500	<0.500	<0.500	<2.50	NA	9.56	6.80	2.76	5.1/3.0
MW-12	**05/01/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**9.56**	**5.95**	**3.61**	**NA**
MW-13	07/20/1993	ND	1,500	ND	ND	ND	ND	NA	NA	10.10	8.32	1.78	NA
MW-13 (D)	07/21/1993	ND	1,000	ND	ND	ND	ND	NA	NA	10.10	8.32	1.78	NA
MW-13	10/18/1993	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.66	1.44	NA
MW-13	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.70	1.40	NA
MW-13	04/12/1994	ND	100	1.7	1.2	0.59	2.4	NA	NA	10.10	8.20	1.90	NA
MW-13	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.39	1.71	NA
MW-13	10/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.70	1.40	NA
MW-13	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.10	7.35	2.75	NA
MW-13	04/11/1995	ND	320	ND	ND	ND	ND	NA	NA	10.10	5.50	4.60	NA
MW-13	07/18/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.10	6.63	3.47	NA
MW-13	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.10	8.12	1.98	NA
MW-13	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	10.10	7.74	2.36	NA
MW-13	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.10	6.30	3.80	NA
MW-13	10/03/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.10	6.50	3.60	3.0
MW-13	04/03/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.10	7.58	2.52	2.0
MW-13	10/08/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.10	8.17	1.93	1.0

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-13	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.10	7.54	2.56	NA
MW-13	12/30/1998	<50.0	69.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	10.10	6.91	3.19	1.1/0.8
MW-13	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.10	6.31	3.79	NA
MW-13	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.10	6.65	3.45	0.8/1.0
MW-13	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.10	5.94	4.16	NA
MW-13	10/17/2000	<50.0	121a	<0.500	<0.500	<0.500	<0.500	<2.50	NA	10.10	8.38	1.72	2.5/2.8
MW-13	**05/01/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**10.10**	**7.65**	**2.45**	**NA**
VEW-5	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.91	NA	NA
VEW-5	10/17/2000	74,800	4,180a	9,090	14,600	2,630	14,500	632	NA	NA	2.65	NA	3.0/3.1
VEW-5	**05/01/2001**	**94,800**	**5,350**	**11,300**	**12,900**	**4,520**	**22,200**	**419**	**NA**	**NA**	**2.86**	**NA**	**0.4/0.6**
VEW-6	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.94	NA	NA
VEW-6	10/17/2000	63,800	4,820a	6,940	2,750	2,760	18,700	3,700	NA	NA	3.13	NA	2.0/2.1
VEW-6	**05/01/2001**	**57,000**	**3,460**	**6,280**	**697**	**2,640**	**15,800**	**6,240**	**NA**	**NA**	**3.25**	**NA**	**0.8/1.2**
VEW-6	**05/29/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**3.17**	**NA**	**3.0/1.7**
VEW-7	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.59	NA	NA
VEW-7	10/17/2000	74,300	3,990a	11,900	12,500	1,640	15,500	36,600	NA	NA	3.72	NA	3.5/4.1
VEW-7	**05/01/2001**	**46,000**	**1,930**	**7,250**	**5,300**	**1,960**	**9,820**	**15,600**	**16,900**	**NA**	**3.40**	**NA**	**0.8/0.8**
VEW-7	**05/29/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**3.54**	**NA**	**2.5/1.4**
AS-1	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.67	NA	NA
AS-1	10/17/2000	13,400	3,280a	1,600	82.8	<20.0	2,600	498	NA	NA	5.50	NA	2.0/2.5
AS-1	**05/01/2001**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
AS-2	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.38	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-12	10/03/1996	<50	72	<0.5	<0.5	<0.5	<0.5	<2.5	NA	9.56	3.30	6.26	2.5
MW-12	04/03/1997	<50	74	<0.50	<0.50	<0.50	<0.50	<2.5	NA	9.56	6.13	3.43	2.2
MW-12	10/08/1997	<50	73	<0.50	<0.50	<0.50	<0.50	<2.5	NA	9.56	6.49	3.07	3.0
MW-12	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	9.56	5.85	3.71	NA
MW-12	12/30/1998	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	9.56	8.42	1.14	1.3/0.9
MW-12	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	9.56	7.89	1.67	NA
MW-12	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	9.56	8.26	1.30	1.0/1.2
MW-12	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	9.56	7.21	2.35	NA
MW-12	10/17/2000	<50.0	82.9a	<0.500	<0.500	<0.500	<0.500	<2.50	NA	9.56	6.80	2.76	5.1/3.0
MW-12	**05/01/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**9.56**	**5.95**	**3.61**	**NA**
MW-13	07/20/1993	ND	1,500	ND	ND	ND	ND	NA	NA	10.10	8.32	1.78	NA
MW-13 (D)	07/21/1993	ND	1,000	ND	ND	ND	ND	NA	NA	10.10	8.32	1.78	NA
MW-13	10/18/1993	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.66	1.44	NA
MW-13	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.70	1.40	NA
MW-13	04/12/1994	ND	100	1.7	1.2	0.59	2.4	NA	NA	10.10	8.20	1.90	NA
MW-13	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.39	1.71	NA
MW-13	10/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.70	1.40	NA
MW-13	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.10	7.35	2.75	NA
MW-13	04/11/1995	ND	320	ND	ND	ND	ND	NA	NA	10.10	5.50	4.60	NA
MW-13	07/18/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.10	6.63	3.47	NA
MW-13	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.10	8.12	1.98	NA
MW-13	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	10.10	7.74	2.36	NA
MW-13	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.10	6.30	3.80	NA
MW-13	10/03/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.10	6.50	3.60	3.0
MW-13	04/03/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.10	7.58	2.52	2.0
MW-13	10/08/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.10	8.17	1.93	1.0

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA
Wic #204-5508-5504

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-13	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.10	7.54	2.56	NA
MW-13	12/30/1998	<50.0	69.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	10.10	6.91	3.19	1.1/0.8
MW-13	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.10	6.31	3.79	NA
MW-13	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.10	6.65	3.45	0.8/1.0
MW-13	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.10	5.94	4.16	NA
MW-13	10/17/2000	<50.0	121a	<0.500	<0.500	<0.500	<0.500	<2.50	NA	10.10	8.38	1.72	2.5/2.8
MW-13	**05/01/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**10.10**	**7.65**	**2.45**	**NA**
VEW-5	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.91	NA	NA
VEW-5	10/17/2000	74,800	4,180a	9,090	14,600	2,630	14,500	632	NA	NA	2.65	NA	3.0/3.1
VEW-5	**05/01/2001**	**94,800**	**5,350**	**11,300**	**12,900**	**4,520**	**22,200**	**419**	**NA**	**NA**	**2.86**	**NA**	**0.4/0.6**
VEW-6	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.94	NA	NA
VEW-6	10/17/2000	63,800	4,820a	6,940	2,750	2,760	18,700	3,700	NA	NA	3.13	NA	2.0/2.1
VEW-6	**05/01/2001**	**57,000**	**3,460**	**6,280**	**697**	**2,640**	**15,800**	**6,240**	**NA**	**NA**	**3.25**	**NA**	**0.8/1.2**
VEW-6	**05/29/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**3.17**	**NA**	**3.0/1.7**
VEW-7	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.59	NA	NA
VEW-7	10/17/2000	74,300	3,990a	11,900	12,500	1,640	15,500	36,600	NA	NA	3.72	NA	3.5/4.1
VEW-7	**05/01/2001**	**46,000**	**1,930**	**7,250**	**5,300**	**1,960**	**9,820**	**15,600**	**16,900**	**NA**	**3.40**	**NA**	**0.8/0.8**
VEW-7	**05/29/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**3.54**	**NA**	**2.5/1.4**
AS-1	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.67	NA	NA
AS-1	10/17/2000	13,400	3,280a	1,600	82.8	<20.0	2,600	498	NA	NA	5.50	NA	2.0/2.5
AS-1	**05/01/2001**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
AS-2	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.38	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA
Wic #204-5508-5504

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
AS-2	10/17/2000	4,380	1,380a	167	<10.0	225	680	315	NA	NA	5.50	NA	3.1/3.0
AS-2	**05/01/2001**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
AS-3	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.75	NA	NA
AS-3	10/17/2000	3,520	942a	588	521	41.2	566	1,740	NA	NA	6.18	NA	3.1/3.0
AS-3	**05/01/2001**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020
MTBE = methyl-tertiary-butyl ether
TOC = Top of Casing Elevation
TOB = Top of Wellbox
GW = Groundwater
DO = Dissolved Oxygen
ug/L = parts per billion
ppm = parts per million
msl = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample
n/n = Dissolved oxygen reading; pre-purge/post-purge.
NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA
Wic #204-5508-5504

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

a = Chromatogram pattern indicates an unidentified hydrocarbon.

b = Sample was analyzed outside of EPA recommended holding time.

c = Post-purge DO Reading not taken.

d = Lab did not record detected result.

* All diesel and motor oil samples for this event were lost in laboratory fire.

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May 21, 2001

Nick Sudano
Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112

RE: Equiva/ P105023

Enclosed are the results of analyses for samples received by the laboratory on 5/01/01. Per our conversation on 5/09/01, the nitrate analysis has been canceled for samples MW-3, MW-6, MW-9, MW-10, VEW-6, and VEW-7. These samples will be re-submitted for nitrate analysis at a later date. Please see the enclosed case narrative for explanation of diesel results. If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate Number 2374

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CASE NARRATIVE

Work Order Number: P105023
Client Project ID: Equiva: 285 Hegenburger Road, Oakland

Condition on receipt/General Comments:
The samples were received May 01, 2001. The temperature of the sample cooler upon receipt was three degrees C. Samples were received intact and in good condition. The samples were analyzed in accordance with the chain-of-custody.

TPH-Extractable by Method 8015M
All samples were extracted and analyzed within the holding time.

Batch 1050268: All calibration and quality control sample results met the established acceptance criteria. The surrogate recovery was outside acceptable QC limits for samples MW-10 and VEW-5.

Batch 1050362: The above samples were re-extracted and re-analyzed in this batch. All calibration and quality control sample results met the established acceptance criteria with the following exception: The LCSD recovery and RPD were outside of the quality control acceptance limits. Results for samples MW-10 and VEW-5 are reported from this batch.

Angelee Oari
Prepared by

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	P105023-01	Water	05/01/01 10:20	05/01/01 16:00
MW-3	P105023-02	Water	05/01/01 09:05	05/01/01 16:00
MW-6	P105023-03	Water	05/01/01 09:31	05/01/01 16:00
MW-9	P105023-04	Water	05/01/01 09:52	05/01/01 16:00
MW-10	P105023-05	Water	05/01/01 10:43	05/01/01 16:00
VEW-5	P105023-06	Water	05/01/01 12:36	05/01/01 16:00
VEW-6	P105023-07	Water	05/01/01 11:21	05/01/01 16:00
VEW-7	P105023-08	Water	05/01/01 11:55	05/01/01 16:00

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (P105023-01) Water Sampled: 05/01/01 10:20 Received: 05/01/01 16:00									
Gasoline	**12300**	1000	ug/l	20	1050031	05/02/01	05/02/01	EPA 8015M/8020M	
Benzene	**1480**	10.0	"	"	"	"	"	"	
Toluene	**19.5**	10.0	"	"	"	"	"	"	QR-04
Ethylbenzene	**205**	10.0	"	"	"	"	"	"	
Xylenes (total)	**111**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**4160**	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*116 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*65-135*		"	"	"	"	
MW-3 (P105023-02) Water Sampled: 05/01/01 09:05 Received: 05/01/01 16:00									
Gasoline	**286**	250	ug/l	5	1050031	05/02/01	05/02/01	EPA 8015M/8020M	
Benzene	ND	2.50	"	"	"	"	"	"	
Toluene	ND	2.50	"	"	"	"	"	"	
Ethylbenzene	ND	2.50	"	"	"	"	"	"	
Xylenes (total)	ND	2.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**1470**	12.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*114 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*65-135*		"	"	"	"	
MW-6 (P105023-03) Water Sampled: 05/01/01 09:31 Received: 05/01/01 16:00									
Gasoline	**3000**	250	ug/l	5	1050031	05/02/01	05/02/01	EPA 8015M/8020M	
Benzene	**2.72**	2.50	"	"	"	"	"	"	QR-04
Toluene	ND	2.50	"	"	"	"	"	"	
Ethylbenzene	**4.46**	2.50	"	"	"	"	"	"	
Xylenes (total)	ND	2.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**473**	12.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*113 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*65-135*		"	"	"	"	

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (P105023-04) Water Sampled: 05/01/01 09:52 Received: 05/01/01 16:00									
Gasoline	**24300**	5000	ug/l	100	1050031	05/02/01	05/02/01	EPA 8015M/8020M	zHC11
Benzene	**11200**	50.0	"	"	"	"	"	"	
Toluene	**52.9**	50.0	"	"	"	"	"	"	
Ethylbenzene	**159**	50.0	"	"	"	"	"	"	
Xylenes (total)	**1610**	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*65-135*		"	"	"	"	
MW-10 (P105023-05) Water Sampled: 05/01/01 10:43 Received: 05/01/01 16:00									
Gasoline	**27900**	2500	ug/l	50	1050031	05/02/01	05/02/01	EPA 8015M/8020M	
Benzene	**9920**	25.0	"	"	"	"	"	"	
Toluene	**1050**	25.0	"	"	"	"	"	"	
Ethylbenzene	**1020**	25.0	"	"	"	"	"	"	
Xylenes (total)	**2370**	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**2180**	125	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*111 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*65-135*		"	"	"	"	
VEW-5 (P105023-06) Water Sampled: 05/01/01 12:36 Received: 05/01/01 16:00									
Gasoline	**94800**	5000	ug/l	100	1050031	05/02/01	05/02/01	EPA 8015M/8020M	
Benzene	**11300**	50.0	"	"	"	"	"	"	
Toluene	**12900**	50.0	"	"	"	"	"	"	
Ethylbenzene	**4520**	50.0	"	"	"	"	"	"	
Xylenes (total)	**22200**	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**419**	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*65-135*		"	"	"	"	

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VEW-6 (P105023-07) Water Sampled: 05/01/01 11:21 Received: 05/01/01 16:00									
Gasoline	**57000**	5000	ug/l	100	1050031	05/02/01	05/02/01	EPA 8015M/8020M	
Benzene	**6280**	50.0	"	"	"	"	"	"	
Toluene	**697**	50.0	"	"	"	"	"	"	
Ethylbenzene	**2640**	50.0	"	"	"	"	"	"	
Xylenes (total)	**15800**	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**6240**	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*65-135*		"	"	"	"	
VEW-7 (P105023-08) Water Sampled: 05/01/01 11:55 Received: 05/01/01 16:00									
Gasoline	**46000**	5000	ug/l	100	1050031	05/02/01	05/02/01	EPA 8015M/8020M	
Benzene	**7250**	50.0	"	"	"	"	"	"	
Toluene	**5300**	50.0	"	"	"	"	"	"	
Ethylbenzene	**1960**	50.0	"	"	"	"	"	"	
Xylenes (total)	**9820**	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**15600**	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.7 %*	*65-135*		"	"	"	"	

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (P105023-01) Water Sampled: 05/01/01 10:20 Received: 05/01/01 16:00									
Diesel (C10-C24)	**1510**	50.0	ug/l	1	1050268	05/11/01	05/11/01	EPA 8015M-SVOA	
Motor Oil (C24-C36)	**297**	250	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*78.6 %*	*50-150*		"	"	"	"	
MW-3 (P105023-02) Water Sampled: 05/01/01 09:05 Received: 05/01/01 16:00									
Diesel (C10-C24)	**95.9**	50.0	ug/l	1	1050268	05/11/01	05/11/01	EPA 8015M-SVOA	
Motor Oil (C24-C36)	ND	250	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*85.2 %*	*50-150*		"	"	"	"	
MW-6 (P105023-03) Water Sampled: 05/01/01 09:31 Received: 05/01/01 16:00									
Diesel (C10-C24)	**706**	50.0	ug/l	1	1050268	05/11/01	05/11/01	EPA 8015M-SVOA	
Motor Oil (C24-C36)	**416**	250	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*80.6 %*	*50-150*		"	"	"	"	
MW-9 (P105023-04) Water Sampled: 05/01/01 09:52 Received: 05/01/01 16:00									
Diesel (C10-C24)	**976**	50.0	ug/l	1	1050268	05/11/01	05/11/01	EPA 8015M-SVOA	
Motor Oil (C24-C36)	ND	250	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*59.2 %*	*50-150*		"	"	"	"	
MW-10 (P105023-05RE1) Water Sampled: 05/01/01 10:43 Received: 05/01/01 16:00									**A-01**
Diesel (C10-C24)	**2260**	50.0	ug/l	1	1050362	05/11/01	05/17/01	EPA 8015M-SVOA	
Motor Oil (C24-C36)	**884**	250	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*61.3 %*	*50-150*		"	"	"	"	
VEW-5 (P105023-06RE1) Water Sampled: 05/01/01 12:36 Received: 05/01/01 16:00									**A-01**
Diesel (C10-C24)	**5350**	50.0	ug/l	1	1050362	05/11/01	05/17/01	EPA 8015M-SVOA	
Motor Oil (C24-C36)	**1450**	250	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*74.3 %*	*50-150*		"	"	"	"	

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VEW-6 (P105023-07) Water	**Sampled: 05/01/01 11:21**	**Received: 05/01/01 16:00**							
Diesel (C10-C24)	**3460**	50.0	ug/l	1	1050268	05/11/01	05/11/01	EPA 8015M-SVOA	
Motor Oil (C24-C36)	**805**	250	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*69.2 %*	*50-150*		"	"	"	"	
VEW-7 (P105023-08) Water	**Sampled: 05/01/01 11:55**	**Received: 05/01/01 16:00**							
Diesel (C10-C24)	**1930**	50.0	ug/l	1	1050268	05/11/01	05/11/01	EPA 8015M-SVOA	
Motor Oil (C24-C36)	**348**	250	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*60.3 %*	*50-150*		"	"	"	"	

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VEW-7 (P105023-08) Water	**Sampled: 05/01/01 11:55**	**Received: 05/01/01 16:00**							
Methyl tert-butyl ether	**16900**	500	ug/l	1000	1050058	05/03/01	05/03/01	EPA 8260B	
Surrogate: Dibromofluoromethane		*113 %*		*88-118*		"	"	"	"

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (P105023-01) Water	**Sampled: 05/01/01 10:20**	**Received: 05/01/01 16:00**							
Ferrous Iron	**541**	100	ug/l	1	1050060	05/01/01	05/01/01	SM 3500 Fe D#4	
MW-3 (P105023-02) Water	**Sampled: 05/01/01 09:05**	**Received: 05/01/01 16:00**							
Ferrous Iron	**328**	100	ug/l	1	1050060	05/01/01	05/01/01	SM 3500 Fe D#4	
MW-6 (P105023-03) Water	**Sampled: 05/01/01 09:31**	**Received: 05/01/01 16:00**							
Ferrous Iron	ND	100	ug/l	1	1050060	05/01/01	05/01/01	SM 3500 Fe D#4	
MW-9 (P105023-04) Water	**Sampled: 05/01/01 09:52**	**Received: 05/01/01 16:00**							
Ferrous Iron	**2660**	100	ug/l	1	1050060	05/01/01	05/01/01	SM 3500 Fe D#4	
MW-10 (P105023-05) Water	**Sampled: 05/01/01 10:43**	**Received: 05/01/01 16:00**							
Ferrous Iron	**2340**	100	ug/l	1	1050060	05/01/01	05/01/01	SM 3500 Fe D#4	
VEW-5 (P105023-06) Water	**Sampled: 05/01/01 12:36**	**Received: 05/01/01 16:00**							
Ferrous Iron	**2400**	100	ug/l	1	1050060	05/01/01	05/01/01	SM 3500 Fe D#4	
VEW-6 (P105023-07) Water	**Sampled: 05/01/01 11:21**	**Received: 05/01/01 16:00**							
Ferrous Iron	**1670**	100	ug/l	1	1050060	05/01/01	05/01/01	SM 3500 Fe D#4	
VEW-7 (P105023-08) Water	**Sampled: 05/01/01 11:55**	**Received: 05/01/01 16:00**							
Ferrous Iron	**1970**	100	ug/l	1	1050060	05/01/01	05/01/01	SM 3500 Fe D#4	

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1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Anions by EPA Method 300.0

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (P105023-01) Water	**Sampled: 05/01/01 10:20**	**Received: 05/01/01 16:00**							
Nitrate as N	ND	200	ug/l	1	1050033	05/02/01	05/02/01	EPA 300.0	
Sulfate as SO4	ND	1000	"	"	1050238	05/10/01	05/10/01	"	
MW-3 (P105023-02) Water	**Sampled: 05/01/01 09:05**	**Received: 05/01/01 16:00**							
Sulfate as SO4	**8720**	1000	ug/l	1	1050052	05/03/01	05/03/01	EPA 300.0	
MW-6 (P105023-03) Water	**Sampled: 05/01/01 09:31**	**Received: 05/01/01 16:00**							
Sulfate as SO4	**4880**	1000	ug/l	1	1050052	05/03/01	05/03/01	EPA 300.0	
MW-9 (P105023-04) Water	**Sampled: 05/01/01 09:52**	**Received: 05/01/01 16:00**							
Sulfate as SO4	ND	1000	ug/l	1	1050052	05/03/01	05/03/01	EPA 300.0	
MW-10 (P105023-05) Water	**Sampled: 05/01/01 10:43**	**Received: 05/01/01 16:00**							
Sulfate as SO4	ND	1000	ug/l	1	1050052	05/03/01	05/03/01	EPA 300.0	
VEW-5 (P105023-06) Water	**Sampled: 05/01/01 12:36**	**Received: 05/01/01 16:00**							
Nitrate as N	**1010**	1000	ug/l	5	1050033	05/02/01	05/02/01	EPA 300.0	
Sulfate as SO4	**1210**	1000	"	1	1050052	05/03/01	05/03/01	"	
VEW-6 (P105023-07) Water	**Sampled: 05/01/01 11:21**	**Received: 05/01/01 16:00**							
Sulfate as SO4	**3240**	1000	ug/l	1	1050052	05/03/01	05/03/01	EPA 300.0	
VEW-7 (P105023-08) Water	**Sampled: 05/01/01 11:55**	**Received: 05/01/01 16:00**							
Sulfate as SO4	**6420**	1000	ug/l	1	1050052	05/03/01	05/03/01	EPA 300.0	

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1050031 - EPA 5030, waters										
Blank (1050031-BLK1)				Prepared & Analyzed: 05/02/01						
Gasoline	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*318*		"	*300*		*106*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*287*		"	*300*		*95.7*	*65-135*			
LCS (1050031-BS1)				Prepared & Analyzed: 05/02/01						
Gasoline	2300	50.0	ug/l	2750		83.6	65-135			
Benzene	34.2	0.500	"	32.0		107	65-135			
Toluene	210	0.500	"	193		109	65-135			
Ethylbenzene	52.2	0.500	"	46.0		113	65-135			
Xylenes (total)	262	0.500	"	231		113	65-135			
Methyl tert-butyl ether	52.6	2.50	"	52.0		101	65-135			
Surrogate: a,a,a-Trifluorotoluene	*363*		"	*300*		*121*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*306*		"	*300*		*102*	*65-135*			
Matrix Spike (1050031-MS1)	**Source: P105024-03**			Prepared & Analyzed: 05/02/01						
Gasoline	2390	50.0	ug/l	2750	ND	86.9	65-135			
Benzene	36.0	0.500	"	32.0	ND	113	65-135			
Toluene	222	0.500	"	193	ND	115	65-135			
Ethylbenzene	56.0	0.500	"	46.0	ND	122	65-135			
Xylenes (total)	280	0.500	"	231	ND	121	65-135			
Methyl tert-butyl ether	113	2.50	"	52.0	62.1	97.9	65-135			
Surrogate: a,a,a-Trifluorotoluene	*373*		"	*300*		*124*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*305*		"	*300*		*102*	*65-135*			

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1050031 - EPA 5030, waters										
Matrix Spike Dup (1050031-MSD1)	**Source: P105024-03**			Prepared & Analyzed: 05/02/01						
Gasoline	2480	50.0	ug/l	2750	ND	90.2	65-135	3.70	20	
Benzene	36.8	0.500	"	32.0	ND	115	65-135	2.20	20	
Toluene	228	0.500	"	193	ND	118	65-135	2.67	20	
Ethylbenzene	57.5	0.500	"	46.0	ND	125	65-135	2.64	20	
Xylenes (total)	288	0.500	"	231	ND	125	65-135	2.82	20	
Methyl tert-butyl ether	117	2.50	"	52.0	62.1	106	65-135	3.48	20	
Surrogate: a,a,a-Trifluorotoluene	*366*		"	*300*		*122*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*312*		"	*300*		*104*	*65-135*			

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1050268 - EPA 3510B										
Blank (1050268-BLK1)				Prepared & Analyzed: 05/11/01						
Diesel (C10-C24)	ND	50.0	ug/l							
Motor Oil (C24-C36)	ND	250	"							
Surrogate: o-Terphenyl	*98.3*		"	*100*		*98.3*	*50-150*			
LCS (1050268-BS1)				Prepared & Analyzed: 05/11/01						
Diesel (C10-C24)	796	50.0	ug/l	1000		79.6	50-150			
Surrogate: o-Terphenyl	*85.9*		"	*100*		*85.9*	*50-150*			
LCS Dup (1050268-BSD1)				Prepared & Analyzed: 05/11/01						
Diesel (C10-C24)	903	50.0	ug/l	1000		90.3	50-150	12.6	20	
Surrogate: o-Terphenyl	*96.1*		"	*100*		*96.1*	*50-150*			
Batch 1050362 - EPA 3510B										
Blank (1050362-BLK1)				Prepared: 05/15/01 Analyzed: 05/17/01						**A-01**
Diesel (C10-C24)	ND	50.0	ug/l							
Motor Oil (C24-C36)	ND	250	"							
Surrogate: o-Terphenyl	*74.7*		"	*100*		*74.7*	*50-150*			
LCS (1050362-BS1)				Prepared: 05/15/01 Analyzed: 05/17/01						**A-01**
Diesel (C10-C24)	781	50.0	ug/l	1000		78.1	50-150			
Surrogate: o-Terphenyl	*78.4*		"	*100*		*78.4*	*50-150*			
LCS Dup (1050362-BSD1)				Prepared: 05/15/01 Analyzed: 05/17/01						**A-01**
Diesel (C10-C24)	457	50.0	ug/l	1000		45.7	50-150	52.3	20	Q-LIM,QR-07
Surrogate: o-Terphenyl	*62.5*		"	*100*		*62.5*	*50-150*			

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1050058 - EPA 5030 waters										
Blank (1050058-BLK1)				Prepared & Analyzed: 05/03/01						
Methyl tert-butyl ether	ND	0.500	ug/l							
Surrogate: Dibromofluoromethane	*5.31*		"	*5.00*		*106*	*88-118*			
LCS (1050058-BS1)				Prepared & Analyzed: 05/03/01						
Methyl tert-butyl ether	4.99	0.500	ug/l	5.00		99.8	79-118			
Surrogate: Dibromofluoromethane	*5.39*		"	*5.00*		*108*	*88-118*			
Matrix Spike (1050058-MS1)		**Source: P105023-08**		Prepared & Analyzed: 05/03/01						
Methyl tert-butyl ether	22300	500	ug/l	5000	16900	108	79-118			
Surrogate: Dibromofluoromethane	*5.43*		"	*5.00*		*109*	*88-118*			
Matrix Spike Dup (1050058-MSD1)		**Source: P105023-08**		Prepared & Analyzed: 05/03/01						
Methyl tert-butyl ether	23200	500	ug/l	5000	16900	126	79-118	3.96	20	zQM07
Surrogate: Dibromofluoromethane	*5.64*		"	*5.00*		*113*	*88-118*			

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1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1050060 - General Preparation										
Blank (1050060-BLK1)				Prepared & Analyzed: 05/01/01						
Ferrous Iron	ND	100	ug/l							
LCS (1050060-BS1)				Prepared & Analyzed: 05/01/01						
Ferrous Iron	786	100	ug/l	870		90.3	80-120			
Matrix Spike (1050060-MS1)	**Source: P105023-08**			Prepared & Analyzed: 05/01/01						
Ferrous Iron	2940	100	ug/l	870	1970	111	75-125			
Matrix Spike Dup (1050060-MSD1)	**Source: P105023-08**			Prepared & Analyzed: 05/01/01						
Ferrous Iron	2870	100	ug/l	870	1970	103	75-125	2.41	20	

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1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Anions by EPA Method 300.0 - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1050033 - General Preparation										
Blank (1050033-BLK1)				Prepared & Analyzed: 05/02/01						
Nitrate as N	ND	200	ug/l							
LCS (1050033-BS1)				Prepared & Analyzed: 05/02/01						
Nitrate as N	9880	200	ug/l	10000		98.8	90-110			
Matrix Spike (1050033-MS1)		Source: P105023-01		Prepared & Analyzed: 05/02/01						
Nitrate as N	49600	2000	ug/l	50000	ND	98.8	80-120			
Matrix Spike Dup (1050033-MSD1)		Source: P105023-01		Prepared & Analyzed: 05/02/01						
Nitrate as N	49200	2000	ug/l	50000	ND	98.0	80-120	0.810	20	
Batch 1050052 - General Preparation										
Blank (1050052-BLK1)				Prepared & Analyzed: 05/03/01						
Sulfate as SO4	ND	1000	ug/l							
LCS (1050052-BS1)				Prepared & Analyzed: 05/03/01						
Sulfate as SO4	10400	1000	ug/l	10000		104	90-110			
Matrix Spike (1050052-MS1)		Source: P104516-01RE1		Prepared & Analyzed: 05/03/01						
Sulfate as SO4	197000	5000	ug/l	25000	172000	100	80-120			
Matrix Spike Dup (1050052-MSD1)		Source: P104516-01RE1		Prepared & Analyzed: 05/03/01						
Sulfate as SO4	193000	5000	ug/l	25000	172000	84.0	80-120	2.05	20	
Batch 1050238 - General Preparation										
Blank (1050238-BLK1)				Prepared & Analyzed: 05/10/01						
Sulfate as SO4	ND	1000	ug/l							

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1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Anions by EPA Method 300.0 - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1050238 - General Preparation										
LCS (1050238-BS1)				Prepared & Analyzed: 05/10/01						
Sulfate as SO4	10700	1000	ug/l	10000		107	90-110			
Matrix Spike (1050238-MS1)		Source: P105057-05		Prepared & Analyzed: 05/10/01						
Sulfate as SO4	148000	10000	ug/l	50000	113000	70.0	80-120			zQM07
Matrix Spike Dup (1050238-MSD1)		Source: P105057-05		Prepared & Analyzed: 05/10/01						
Sulfate as SO4	148000	10000	ug/l	50000	113000	70.0	80-120	0	20	zQM07

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1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/21/01 11:14

Notes and Definitions

A-01	Additional sample was not available for re-extraction.
Q-LIM	The percent recovery was outside of the quality control acceptance limits. The samples results may still be useful for their intended purpose.
QR-04	The results between the primary and confirmation columns varied by greater than 40% RPD. The results may still be useful for their intended purpose.
QR-07	The RPD was outside QC acceptance limits. The results may still be useful for their intended purpose.
zHC11	The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
zQM07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

LAB: 562401A

EQUIVA Services LLC Chain Of Custody Record

Lab Identification (if necessary):

Address:

City, State, Zip:

Equiva Project Manager to be invoiced: Karen Petryna

☒ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 7 4 9

SAP or CRMT NUMBER (TS/CRMT):

DATE: 5/1/01

PAGE: 1 of 1

SULTANT COMPANY: ne Tech Services

RESS: 0 Rogers Avenue

Jose, CA 95112

EPHONE: -573-0555 FAX: 408-573-7771 E-MAIL: nsudano@blainetech.com

SITE ADDRESS (Street and City): 285 Hegenberger Road, Oakland

PROJECT CONTACT (Report to): Nick Sudano

CONSULTANT PROJECT NO.: BTS # 010501-F1

SAMPLER NAME(S) (Print): Jeremy Burns

LAB USE ONLY

RNAROUND TIME (BUSINESS DAYS): 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

MS-MTBE CONFIRMATION: HIGHEST ☐ ALL HIGHEST per BORING ☐ ALL

ECIAL INSTRUCTIONS OR NOTES: COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐ TEMPERATURE ON RECEIPT C°

COOLER TEMPERATURE 3.0 °C

REQUESTED ANALYSIS

Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8015m)	BTEX (8021B)	MTBE (8021B)	MTBE (8260B)	TPH - Diesel, Extractable (8015m)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol		TPH-Motor Oil	Nitrate	Sulfate	Ferrous Iron		MTBE (8260B) Confirmation, See Note					FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
MW-1 P1050231	5/1/01	1020	W	7	X	X	X		X					X	X	X	X		X					*FILTERED AMBER
MW-3 -2		905			X	X	X		X					X	X	X	X		X					ALSO NOTED W/ AN
MW-C -3		931			X	X	X		X					X	X	X	X		X					"F" ON CAP.
*MW-9 -4		952			X	X	X		X					X	X	X	X		X					
*MW-10 -5		1043			X	X	X		X					X	X	X	X		X					*MW9 + MW10
VEW-5 -6		1230			X	X	X		X					X	X	X	X		X					ARE IN NAPOAS
VEW-6 -7		1121			X	X	X		X					X	X	X	X		X					DUE TO REACTIVITY*
VEW-7 -8		1155			X	X	X		X					X	X	X	X		X					

At LAB 1600

nquished by: (Signature) — Received by: (Signature) — Date: 5/1/01 — Time: 1328

nquished by: (Signature) — Received by: (Signature) — Date: 5/1/01 — Time: 1328

nquished by: (Signature) — Received by: (Signature)

RIBUTION: White with final report, Green to File, Yellow and Pink to Client

10/16/00 Revision

SQ Graphic (714) 898-8702

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

June 13 , 2001

Nick Sudano
Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
RE: Equiva / P105565

Enclosed are the results of analyses for samples received by the laboratory on 05/30/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate Number 2374

Sequoia Analytical

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	06/13/01 17:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3	P105565-01	Water	05/29/01 13:54	05/30/01 09:05
MW-6	P105565-02	Water	05/29/01 14:19	05/30/01 09:05
MW-9	P105565-03	Water	05/29/01 14:55	05/30/01 09:05
MW-10	P105565-04	Water	05/29/01 15:19	05/30/01 09:05
VEW-6/AS-2	P105565-05	Water	05/29/01 15:48	05/30/01 09:05
VEW-7/AS-3	P105565-06	Water	05/29/01 16:19	05/30/01 09:05

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www.sequoialabs.com

Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	06/13/01 17:31

Anions by EPA Method 300.0

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (P105565-01/MW-3) Water	**Sampled: 05/29/01 13:54**		**Received: 05/30/01 09:05**						
Nitrate as NO3	**450**	100	ug/l	1	1F04023	05/30/01	05/30/01	EPA 300.0	
MW-6 (P105565-02/MW-6) Water	**Sampled: 05/29/01 14:19**		**Received: 05/30/01 09:05**						
Nitrate as NO3	ND	100	ug/l	1	1F04023	05/30/01	05/30/01	EPA 300.0	
MW-9 (P105565-03/MW-9) Water	**Sampled: 05/29/01 14:55**		**Received: 05/30/01 09:05**						
Nitrate as NO3	ND	100	ug/l	1	1F04023	05/30/01	05/30/01	EPA 300.0	
MW-10 (P105565-04/MW-1) Water	**Sampled: 05/29/01 15:19**		**Received: 05/30/01 09:05**						
Nitrate as NO3	ND	100	ug/l	1	1F04023	05/30/01	05/30/01	EPA 300.0	
VEW-6/AS-2 (P105565-05/VEW-) Water	**Sampled: 05/29/01 15:48**		**Received: 05/30/01 09:05**						
Nitrate as NO3	**490**	100	ug/l	1	1F04023	05/30/01	05/30/01	EPA 300.0	
VEW-7/AS-3 (P105565-06/VEW-) Water	**Sampled: 05/29/01 16:19**		**Received: 05/30/01 09:05**						
Nitrate as NO3	**430**	100	ug/l	1	1F04023	05/30/01	05/30/01	EPA 300.0	

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	06/13/01 17:31

Anions by EPA Method 300.0 - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1F04023 - General Preparation										
Blank (1F04023-BLK1)				Prepared & Analyzed: 05/30/01						
Nitrate as NO3	ND	100	ug/l							
LCS (1F04023-BS1)				Prepared & Analyzed: 05/30/01						
Nitrate as NO3	10700	100	ug/l	10000		107	90-110			
Matrix Spike (1F04023-MS1)				**Source: P105565-06/VEW** Prepared & Analyzed: 05/30/01						
Nitrate as NO3	98300	1000	ug/l	100000	ND	97.9	80-120			
Matrix Spike Dup (1F04023-MSD1)				**Source: P105565-06/VEW** Prepared & Analyzed: 05/30/01						
Nitrate as NO3	96600	1000	ug/l	100000	ND	96.2	80-120	1.74	20	

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Blaine Tech Services, Inc.	Project: Equiva	
1680 Rogers Ave.	Project Number: 285 Hegenberger Road, Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	06/13/01 17:31

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

LAB: SEQUOIA

Lab Identification (if necessary)

Address

City, State, Zip

EQUIVA Services LLC Chain Of Custody Record

Equiva Project Manager to be invoiced:

☐ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Sequoia to pay for analysis

Attention: Angelee Cari

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (TS/CRMT)

DATE: 5/29/01

PAGE: 1 of 1

CONSULTANT COMPANY: Blaine Tech Services

ADDRESS: 1680 Rogers Avenue

CITY: San Jose, CA 95112

TELEPHONE: 408-573-0555 FAX: 408-573-7771 E-MAIL: nsudano@blainetech.com

SITE ADDRESS (Street and City): 285 Hegenberger Road, Oakland

PROJECT CONTACT (Reports): Nick Sudano

CONSULTANT PROJECT NO.: BTS # 010529-S1

SAMPLER NAME(S) (Print): SEAN DUNN

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☒ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ____

GC/MS MTBE CONFIRMATION: HIGHEST ____ HIGHEST per BORING ____ ALL ____

SPECIAL INSTRUCTIONS OR NOTES: TEMPERATURE ON RECEIPT C°

REQUESTED ANALYSIS

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	NITRATE 300.0	FIELD NOTES
\	MW-3	5/29/01	1351	GW	1	X	P105565-1
\	MW-6	↓	1419	↓	↓	X	-2
\	MW-9	↓	1455	↓	↓	X	-3
\	MW-10	↓	1519	↓	↓	X	-4
\	VEW-6 / ~~AS-2~~	↓	1518	↓	↓	X	-5
\	VEW-7 / ~~AS-3~~	↓	1619	↓	↓	X	-6

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature]	5/30/01	9:05
Relinquished by (Signature)	Received by (Signature)	Date	Time
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DMO Graphic (714) 895-3702

MAY. -30' 01 (WED) 10:55 BLAINE TECH SERVICES, INC TEL:408 573 7771 P. 002

LAB: SEQUOIA Attn: Gail / Angelee

EQUIVA Services LLC Chain Of Custody Record

Lab Identification (if necessary):

Address:

City, State, Zip:

Equiva Project Manager to be invoiced:

☐ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Sequoia to pay for analysis

Attention: Angelee Cari

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (TS/CRMT)

DATE: 5/29/01

PAGE: 1 of 1

CONSULTANT COMPANY:
Blaine Tech Services

ADDRESS:
990 Rogers Avenue

CITY:
San Jose, CA 95112

TELEPHONE: 408-573-0555 | FAX: 408-573-7771 | E-MAIL: nsudano@blainetechsv.com

SITE ADDRESS (Street and City):
285 Hegenberger Road, Oakland

PROJECT CONTACT (Reports to):
Nick Sudano

CONSULTANT PROJECT NO.:
BTS # 010529-S1

SAMPLER NAME(S) (Print):
SEAN DUNN

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):
☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GOLD MINE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES:

TEMPERATURE ON RECEIPT C°

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	NITRATE by 317	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-3	5/29/01	1354	GW	1	X	Please forward chain
	MW-6		1419			X	P105565-01
	MW-9		1455			X	-02
	MW-10		1519			X	-03
	VEW-6/AS-2		1518			X	-04
	VEW-7/AS-3		1619			X	-05
							-06

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		5/30/01	9:05
		5/30/01	1114

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10/15/00 Revision

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WELL GAUGING DATA

Project # 010529-S1 Date 5/29/01 Client EQUIVA

Site 285 Hegenberger Rd., Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
~~MW-1~~									
~~MW-2~~									
MW-3	4					5.25	10.05	TOB	
~~MW-4~~									
MW-6	4					4.86	10.94	TOC	
~~MW-8~~									
MW-9	4					3.99	10.69	TOC	
MW-10	4					3.74	9.92	TOC	
~~MW-11~~									
VEW-6	4					3.17	9.96	TOC	
VEW-7	4					3.54	9.75	TOC	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010529-S1	Site: 285 Hegenberger Rd., Oakland
Sampler: SEAN DUNN	Date: 5/29/01
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 10.05	Depth to Water: 5.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

3.1 (Gals.) X 3 = 9.3 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1342	27.0	7.0	1034	111	4	
1345	26.4	7.0	1042	5	7	
1348	26.0	7.1	1091	1	10	

Did well dewater? Yes (No)	Gallons actually evacuated: 10
Sampling Time: 1354	Sampling Date: 5/29/01
Sample I.D.: MW-3	Laboratory: (Sequoia) Columbia Other ____
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: Nitrate
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	3.0 mg/L	Post-purge:	1.9 mg/L
O.R.P. (if req'd):	Pre-purge:	78 mV	Post-purge:	−8 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010529-5	Site: 285 Hegenberger Rd., Oakland
Sampler: SEAN DUNN	Date: 5/29/01
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 10.94	Depth to Water: 4.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

4.0 (Gals.) X	3	=	12 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1410	24.2	7.1	990	5	4	ODOR
1411	22.6	7.2	915	1	8	
1412	22.5	7.3	899	1	12	

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Time: 1419 Sampling Date: 5/29/01

Sample I.D.: MW-6 Laboratory: (Sequoia) Columbia Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: NITRATE

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	2.0 mg/L	Post-purge:	1.3 mg/L
O.R.P. (if req'd):	Pre-purge:	33 mV	Post-purge:	−65 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010529-S1	Site: 285 Hegenberger Rd, Oakland
Sampler: SEAN DUNN	Date: 5/29/01
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 10.69	Depth to Water: 3.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other ___

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ___

4.4 (Gals.) X 3 = 13.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1444	22.3	7.2	2502	34	5	
1446	21.3	7.1	2675	4	10	
1448	21.3	7.2	2528	1	14	

Did well dewater? Yes (No)	Gallons actually evacuated: 14
Sampling Time: 1455	Sampling Date: 5/29/01
Sample I.D.: MW-9	Laboratory: (Sequoia) Columbia Other ___
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: NITRATE
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	1.9 mg/L	Post-purge:	1.5 mg/L
O.R.P. (if req'd):	Pre-purge:	45 mV	Post-purge:	-96 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010529-5	Site: 285 Hegenberger Rd., Oakland
Sampler: SEAN DUNN	Date: 5/29/01
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 9.92	Depth to Water: 3.74
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

4.0 (Gals.) X	3	=	12 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1512	23.5	7.2	3038	4	4	
1513	21.5	7.3	3001	4	8	
1514	21.4	7.2	3010	4	12	

Did well dewater? Yes (No)	Gallons actually evacuated: 12
Sampling Time: 1519	Sampling Date: 5/29/01
Sample I.D.: MW-10	Laboratory: (Sequoia) Columbia Other_____
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: NITRATE
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	3.70 mg/L	Post-purge:	1.8 mg/L
O.R.P. (if req'd):	Pre-purge:	-15 mV	Post-purge:	-50 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010529-5	Site: 285 Hegenberger Rd, Oakland
Sampler: SEAN DUNN	Date: 5/29/01
Well I.D.: ~~X~~ VEW-6 ~~MW-2~~	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 9.96	Depth to Water: 3.17
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- ~~Waterra~~
- ~~Peristaltic~~
- Extraction Pump
- Other tubing + check valve

Sampling Method:
- (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ___

4.4 (Gals.) X	3	=	13.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1528	22.8	7.1	1889	43	5	ODOR
1536	21.0	7.1	1811	39	10	
1544	20.5	7.1	1790	41	14	

Did well dewater? Yes (No)	Gallons actually evacuated: 14
Sampling Time: 1545	Sampling Date: 5/29/01
Sample I.D.: VEW-6 ~~MW-2~~	Laboratory: (Sequoia) Columbia Other ___
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: NITRATE
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	3.0 mg/L	Post-purge:	1.7 mg/L
O.R.P. (if req'd):	Pre-purge:	−13 mV	Post-purge:	−53 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010529-S1	Site: 285 Hegenberger Rd., Oakland
Sampler: SEAN DUNN	Date: 5/29/01
Well I.D.: VEW-7 ~~MW-7~~	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 9.75	Depth to Water: 3.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
Bailer | Waterra
Disposable Bailer | Peristaltic
Middleburg | Extraction Pump
Electric Submersible | Other tubing + check valve

Sampling Method: (Bailer)
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

4.0 (Gals.) X 3 = 12 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1559	22.4	7.3	2968	56	4	
1608	21.2	7.2	2900	57	8	
1616	21.1	7.2	2854	54	12	

Did well dewater? Yes (No)
Gallons actually evacuated: 12

Sampling Time: 1619
Sampling Date: 5/29/01

Sample I.D.: VEW-7 ~~MW-3~~
Laboratory: (Sequoia) Columbia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D
Other: NITRATE

EB I.D. (if applicable): @ Time
Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D
Other:

D.O. (if req'd):	Pre-purge:	2.5 mg/L	Post-purge:	1.4 mg/L
O.R.P. (if req'd):	Pre-purge:	-21 mV	Post-purge:	-75 mV

WELL GAUGING DATA

Project # 010501 Date 5/1/01 Client EQUIVA - 98?

Site 285 HAGGERTY RD. OAKLAND

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	4					3.55	9.36		
MW-2	4	WELL INACCESSIBLE - LID WILL NOT OPEN							
MW-3	4					4.88	10.11	TOB	
MW-4	4					4.10	10.17	TOB	6/0
MW-6	4					4.75	10.97		
MW-8	4					4.12	9.88		6/0
MW-9	4	ODOR				4.44	10.76		
MW-10	4	ODOR				5.40	10.03		
MW-11	4					8.15	13.86		6/0
MW-12	4					5.95	14.41		6/0
MW-13	4					7.65	14.65		6/0
VEW-5	4					2.86	9.54		
VEW-6	4					3.25	9.94		
VEW-7	4					3.40	9.76		
AS-1	1	WELL INACCESSIBLE - SYSTEM UNPLUGGABLE							
AS-2	1		"			"			
AS-3	1		"			"			

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-F1	Site: 98995749
Sampler: J LOUGHRAN	Date: 5/1/01
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 9.36	Depth to Water: 3.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method:
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

3.8 (Gals.) X 3 = 11.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1013	67.4	7.0	2630	132	4	ODOR
1014	67.3	7.0	1552	125	8	
1015	67.3	7.1	1471	116	12	

Did well dewater? Yes (No)	Gallons actually evacuated: 12
Sampling Time: 1020	Sampling Date: 5/1/01
Sample I.D.: MW-1	Laboratory: (Sequoia) Columbia Other ____
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd): (Pre-purge): 1.6 mg/L	(Post-purge): 1.3 mg/L
O.R.P. (if req'd): (Pre-purge): -125 mV	(Post-purge): -130 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-R1	Site: 98995749
Sampler: J LOUGHRY	Date: 5/1/01
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method: Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other _____

_____ (Gals.) X _____ = _____ Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.04	6"	1.65
3"	0.38	8"	2.6
4"	0.65	Other	radius * radius * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
WELL INACCESSIBLE - HD WOULD NOT COME OFF - COLUMBIA						
PERSONNEL CAME TO SITE - HE WAS ALSO UNABLE TO REMOVE						
HD.						

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date: 5/1/01

Sample I.D.: Laboratory: Sequoia Columbia Other: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-F1	Site: 98995749
Sampler: J LOUGHRAN	Date: 5/1/01
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 10.11	Depth to Water: 4.88
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): (YSI) HACH

Purge Method
- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ___

Sampling Method: X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other ___

3.4 (Gals.) X 3 = 10.2 Gals
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	4"	0.65
3"	0.37	6"	1.47
		Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
858	68.2	6.6	1344	>200	4	
859	67.0	6.9	936	173	8	
900	66.5	7.0	1169	155	12	

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Time: 905 Sampling Date: 5/1/01

Sample I.D.: MW-3 Laboratory: (Sequoia) Columbia Other: ___

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	(Pre-purge):	1.9 mg/L	(Post-purge):	2.7	mg/L
O.R.P. (if req'd):	(Pre-purge):	-63 mV	(Post-purge):	-95	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-R1	Site: 98995749
Sampler: J Lorentzen	Date: 5/1/01
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 10.97	Depth to Water: 4.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method
- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other ____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	5"	1.47
3"	0.37	Other	radius² * 0.163

4.0 (Gals.) X 3 = 12.0 Gals
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
924	66.2	7.3	1141	>200	4	
925	65.0	7.4	927	>200	8	
926	64.9	7.4	896	>200	12	

Did well dewater? Yes (No)	Gallons actually evacuated: 12
Sampling Time: 931	Sampling Date: 5/1/01
Sample I.D.: MW-6	Laboratory: (Sequoia) Columbia Other ____
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd): (Pre-purge): 2.2 mg/L	(Post-purge): ~~1.6~~ mg/L
O.R.P. (if req'd): (Pre-purge): -107 mV	(Post-purge): -112 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-F1	Site: 98995749
Sampler: J LONGMIRE	Date: 5/1/01
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 10.76	Depth to Water: 4.44
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ___

Sampling Method:
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other ___

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.04	4"	0.65
3"	0.16	6"	1.47
		Other	radius² * 0.163

4.1 (Gals.) X 3 = 12.3 Gals
Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
945	65.4	7.1	2856	49	5	ODOR
946	64.7	7.1	3760	193	9	DARK, COFFEE COLOR. FOAMY ODOR
947	64.3	7.1	3509	>200	13	"

* WATER VERY REACTIVE - SAMPLES IN NON PRESERVE VOAS *

Did well dewater? Yes (No)		Gallons actually evacuated: 13	
Sampling Time: 952		Sampling Date: 5/1/01	
Sample I.D.: MW-9		Laboratory: (Sequoia) Columbia Other ___	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON		
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:		
D.O. (if req'd): (Pre-purge): 1.6 mg/L		(Post-purge): 1.0 mg/L	
O.R.P. (if req'd): (Pre-purge): -144 mV		(Post-purge): -154 mV	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-R1	Site: 98995749
Sampler: J Lonergan	Date: 5/1/01
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 10.03	Depth to Water: 5.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method
- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other ____

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.04	4"	0.65
3"	0.9	6"	1.47
		Other	radius * * 0.163

3.0 (Gals.) X 3 = 9.0 Gals
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1036	67.4	7.0	2740	(01	3	ODOR
1037	67.7	7.0	2980	70	6	
1038	67.9	7.0	3010	68	9	

X WATER VERY REACTIVE - SAMPLES IN NON-PRESERVE VOAs.

Did well dewater? Yes (No)	Gallons actually evacuated: 9
Sampling Time: 1043	Sampling Date: 5/1/01
Sample I.D.: MW-10	Laboratory: (Sequoia) Columbia Other ____
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd): (Pre-purge): 2.0 mg/L	(Post-purge): 1.1 mg/L
O.R.P. (if req'd): (Pre-purge): -129 mV	(Post-purge): -137 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-51	Site: 98995749
Sampler: J Lemmon	Date: 5/1/01
Well I.D.: VEW-5	Well Diameter: 2 3 (4)* 6 8 ___
Total Well Depth: 9.52	Depth to Water: 2.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- X Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ___

Sampling Method:
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other ___

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.04	4"	0.65
X 3"	0.16 *	6"	1.47
	0.37	Other	radius * radius * 0.163

1.1 (Gals.) X 3 = 3.3 Gals
Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1220	68.6	7.0	1022	>200	1.25	BROWN/ODOR
1223	67.6	7.0	1136	>200	2.50	
1225	67.4	7.0	1275	>200	3.50	

* CORRECTED FOR 4" W/ 1" INSIDE - USE 2" MULTIPLIER (0.16)*

Did well dewater? Yes (No)	Gallons actually evacuated: 3.50
Sampling Time: 1230	Sampling Date: 5/1/01
Sample I.D.: VEW-5	Laboratory: (Sequoia) Columbia Other ___
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd): (Pre-purge:) 0.4 mg/L	(Post-purge:) 0.6 mg/L
O.R.P. (if req'd): (Pre-purge:) -95 mV	(Post-purge:) -133 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-F1	Site: 98995749
Sampler: J LOMELI	Date: 5/1/01
Well I.D.: VEW-6	Well Diameter: 2 3 (4)* 6 8 ___
Total Well Depth: 9.94	Depth to Water: 3.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- X Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other: ___

Sampling Method:
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ___

Well Diameter	Multiplier	Well Diameter	Multiplier
		4"	0.65
		6"	
		Other	radius² * 0.163

1.1 (Gals.) X 3 = 3.3 Gals
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1102	66.6	7.0	1722	168	1.25	odor
1104	65.7	7.0	1708	189	2.50	
1106	65.4	6.9	1748	>200	3.50	
* COAXIAL WELL 1" INSIDE OF 4" CASING - USE 2" MULTIPLIER (0.16)*						

Did well dewater? Yes (No) Gallons actually evacuated: 3.5

Sampling Time: 1121 Sampling Date: 5/1/01

Sample I.D.: VEW-6 Laboratory: (Sequoia) Columbia Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	0.8 mg/L	Post-purge:	1.2	mg/L
O.R.P. (if req'd):	Pre-purge:	-108 mV	Post-purge:	-129	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-R1	Site: 98995749
Sampler: J Lonchamp	Date: 5/1/01
Well I.D.: VEW-7	Well Diameter: 2 3 (4)* 6 8 ____
Total Well Depth: 9.76	Depth to Water: 3.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- (X) Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method:
- (X) Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other _____

Well Diameter	Multiplier	Well Diameter	Multiplier
	.04	4"	0.65
2"	0.16	6"	1.47
		Other	radius² * 0.163

1.0 (Gals.) X 3 = 3.0 Gals
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1146	67.7	6.9	1956	199	1	
1148	67.9	6.9	2558	126	2	
1150	67.2	7.0	2986	151	3	

* CASING WELL 1" INSIDE OF 4" WELL - USE 2" MULTIPLIER (0.16) *

Did well dewater? Yes (No)	Gallons actually evacuated: 3
Sampling Time: 1155	Sampling Date: 5/1/01
Sample I.D.: VEW-7	Laboratory: (Seaqua) Columbia Other _____
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other: MOTOR OIL, NITRATES, SULFATES, FERROUS IRON
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	(Pre-purge):	0.8 mg/L	(Post-purge):	0.8 mg/L
O.R.P. (if req'd):	(Pre-purge):	-102 mV	(Post-purge):	-120 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-R1	Site: 98995749
Sampler: J LONGLEY	Date: 5/1/01
Well I.D.: AS-1	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method
- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ___

Sampling Method
- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other ___

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

___ (Gals.) X ___ = ___ Gals
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
WELL INACCESSIBLE - RIGGED SYSTEM CONNECTED TO LID - CHEMICA						
PERSONNEL CAME TO SITE AND DID NOT REMOVE SYSTEM - THE SAID						
HE WOULD FIX IT BEFORE NEXT SAMPLING EVENT. THIS APPLIES						
FOR WELLS AS-1, 2, +3						

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 5/1/01	
Sample I.D.:		Laboratory: Sequoia Columbia Other ___	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-R1	Site: 98995749
Sampler: J LOKEY	Date: 5/1/01
Well I.D.: AS-2	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method
Bailer | Waterra
Disposable Bailer | Peristaltic
Middleburg | Extraction Pump
Electric Submersible | Other ___

Sampling Method Bailer
Disposable Bailer
Extraction Port
Dedicated Tubing
Other ___

Well Diameter	Multiplier	Well Diameter	Multiplier
	0.04	4"	0.65
	0.16	6"	1.47
	0.37	Other	radius * radius * 0.163

___ (Gals.) X ___ = ___ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
SEE AS-1 DATA SHEET.						

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date: 5/1/01

Sample I.D.: Laboratory: Sequoia Columbia Other ___

Analyzed for: TPH-G BTEX MTBE TPH-D Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010501-R1	Site: 98995749
Sampler: J Lonergan	Date: 5/1/01
Well I.D.: AS-3	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:
Bailer | Waterra
Disposable Bailer | Peristaltic
Middleburg | Extraction Pump
Electric Submersible | Other: _____

Sampling Method: Bailer
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.04	4"	0.65
3"	0.16	6"	1.47
		Other	radius² * 0.163

_____ (Gals.) X _____ = _____ Gals
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
SEE AS-1 DATA SHEET						

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 5/1/01	
Sample I.D.:		Laboratory: Sequoia Columbia Other _____	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other: MOTOR OIL, NITRATE, SULFATE, FERROUS IRON	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV