CAMBRIA

December 29, 2000

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

#530

Re: **Fourth Quarter 2000 Monitoring Report**
Shell-branded Service Station
285 Hegenberger Road
Oakland, California
Incident #98995749
Cambria Project #242-0734-002

Waiting for startup of VE/AS system
Conc elevated on Hegenberger Rd side.

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

Historical Hydrocarbon Removal	Cumulative (lbs)
Vapor-Phase	707
Total	707

The table above summarizes the historical vapor-phase hydrocarbons removal by soil vapor extraction (SVE). SVE operation was discontinued on February 9, 1995.

00 JAN -4 PM 3:37

ENVIRONMENTAL PROTECTION

Oakland, CA
San Ramon, CA
Sonoma, CA

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

FOURTH QUARTER 2000 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.

ANTICIPATED FUTURE 2001 ACTIVITIES

Groundwater Monitoring: The next sampling event is scheduled for the first 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 Soil Vapor Extraction Remediation Well Installations: In Cambria's 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/soil vapor extraction wells were installed at the proposed locations. A report detailing the remediation well installations is forthcoming.

Air Sparge and Soil Vapor Extraction System Installation: Installation of the proposed remediation system is currently underway. Start-up of the proposed system is anticipated during the first quarter of 2001.

CLOSING

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

Sincerely,
Cambria Environmental Technology, Inc

Stephan Bork

for: Darryk Ataide, REA I
Project Manager

Stephan A. Bork, C.E.G., C.H.G.
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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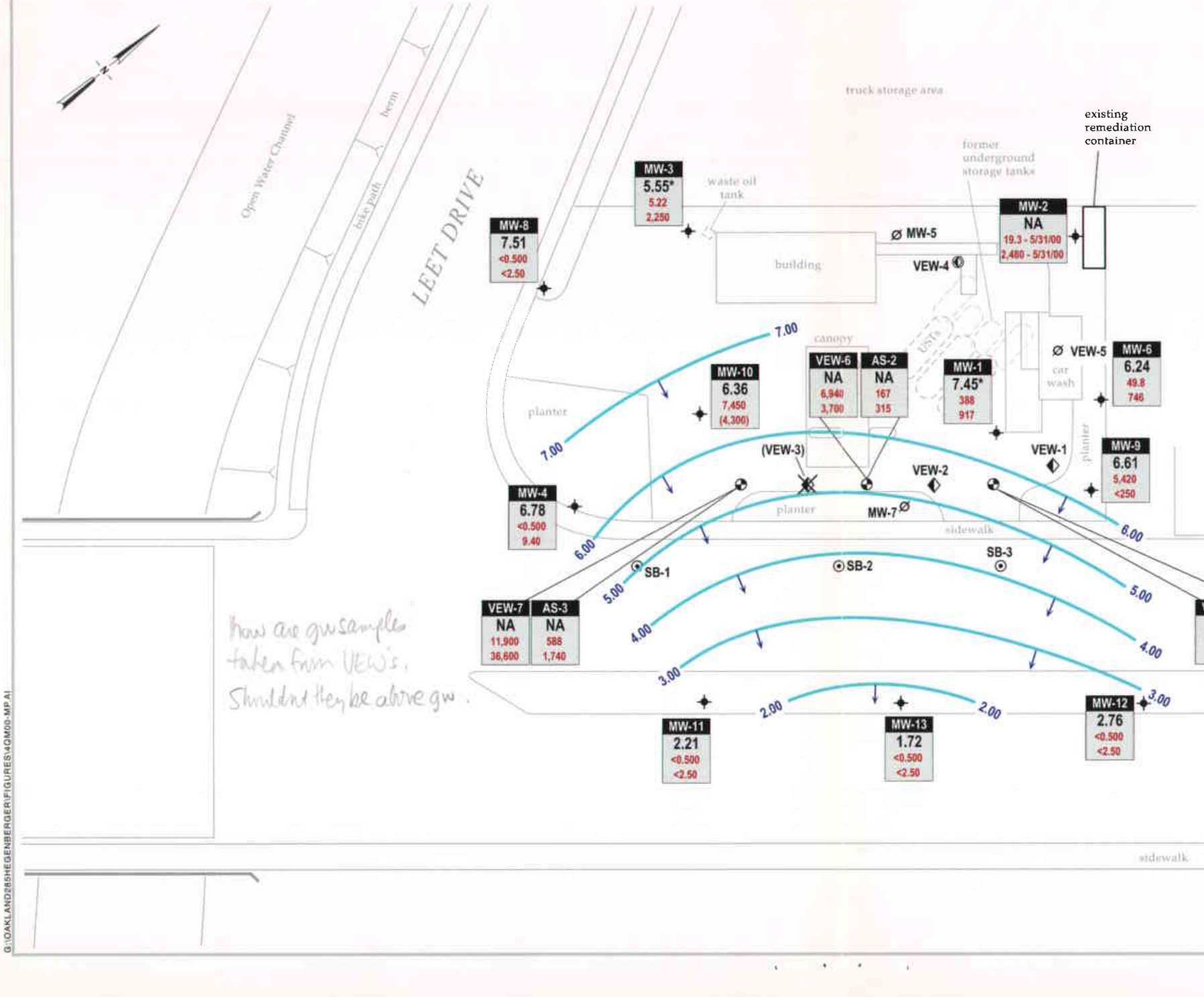
12/21/00

Groundwater Elevation Contour Map

October 17, 2000



EXPLANATION

VEW-5/AS-1	Co-axial vapor and sparge well (08/28/00)
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 designation
ELEV — Groundwater elevation, in feet above msl
Benzene / MTBE — 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.

0 20 40
APPROXIMATE SCALE IN FEET

FIGURE **1**

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

CAMBRIA

G:\OAKLAND\285HEGENBERGER\FIGURES\4QM00-MP.AI

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**
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**
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**

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-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**
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**
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
	05/31/00	---	---	---	---	---	---
	10/17/00	**<0.5**	**<1.00**	**1,800**	**0.169**	**2.5/2.8**	**-10/19**

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) →					
VEW-5	10/17/00	<1	<1.00	15.0	2.64	3.0/3.1	-112/-126
VEW-6	10/17/00	<1	<1.00	17.7	4.16	2.0/2.1	-92/-115
VEW-7	10/17/00	<1	<0.200	1.96	508	3.5/4.1	-87/-82
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

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.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

November 30, 2000

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

Fourth Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA

Monitoring performed on September 26 and
October 17, 2000

Groundwater Monitoring Report **001017-S-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. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/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-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
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

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-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
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

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-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-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
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

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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-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
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

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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	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-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
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

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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	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
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

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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	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-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
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

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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-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
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

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-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
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

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-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
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

Sequoia
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9 November, 2000

Nick Sudano
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: 285 Hegenburger
Sequoia Report: MJJ0559

Enclosed are the results of analyses for samples received by the laboratory on 10/18/00 12:38. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson
Client Services Manager

CA ELAP Certificate #1210

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MJJ0559-01	Water	10/17/00 12:57	10/18/00 12:38
MW-3	MJJ0559-02	Water	10/17/00 11:52	10/18/00 12:38
MW-4	MJJ0559-03	Water	10/17/00 09:22	10/18/00 12:38
MW-6	MJJ0559-04	Water	10/17/00 14:17	10/18/00 12:38
MW-8	MJJ0559-05	Water	10/17/00 09:57	10/18/00 12:38
MW-9	MJJ0559-06	Water	10/17/00 13:52	10/18/00 12:38
MW-10	MJJ0559-07	Water	10/17/00 11:27	10/18/00 12:38
MW-11	MJJ0559-08	Water	10/17/00 10:32	10/18/00 12:38
MW-12	MJJ0559-09	Water	10/17/00 11:14	10/18/00 12:38
MW-13	MJJ0559-10	Water	10/17/00 10:52	10/18/00 12:38
VEW-5	MJJ0559-11	Water	10/17/00 17:50	10/18/00 12:38
VEW-6	MJJ0559-12	Water	10/17/00 17:16	10/18/00 12:38
VEW-7	MJJ0559-13	Water	10/17/00 15:44	10/18/00 12:38
AS-1	MJJ0559-14	Water	10/17/00 18:10	10/18/00 12:38
AS-2	MJJ0559-15	Water	10/17/00 17:30	10/18/00 12:38
AS-3	MJJ0559-16	Water	10/17/00 16:00	10/18/00 12:38

Wayne Stevenson, Client Services Manager

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Hydrocarbons as Motor Oil by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJJ0559-01) Water	**Sampled: 10/17/00 12:57**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J25001	10/25/00	10/26/00	DHS LUFT	
Diesel Range Hydrocarbons	**995**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*131 %*	*50-150*		"	"	"	"	
MW-3 (MJJ0559-02) Water	**Sampled: 10/17/00 11:52**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J25001	10/25/00	10/26/00	DHS LUFT	
Diesel Range Hydrocarbons	**183**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*126 %*	*50-150*		"	"	"	"	
MW-4 (MJJ0559-03) Water	**Sampled: 10/17/00 09:22**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	**513**	500	ug/l	1	0J25001	10/25/00	10/26/00	DHS LUFT	D-19
Diesel Range Hydrocarbons	**274**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*125 %*	*50-150*		"	"	"	"	
MW-6 (MJJ0559-04) Water	**Sampled: 10/17/00 14:17**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J25001	10/25/00	10/26/00	DHS LUFT	
Diesel Range Hydrocarbons	**944**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*125 %*	*50-150*		"	"	"	"	
MW-8 (MJJ0559-05) Water	**Sampled: 10/17/00 09:57**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J25001	10/25/00	10/26/00	DHS LUFT	
Diesel Range Hydrocarbons	**143**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*130 %*	*50-150*		"	"	"	"	
MW-9 (MJJ0559-06) Water	**Sampled: 10/17/00 13:52**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J27012	10/27/00	10/27/00	DHS LUFT	
Diesel Range Hydrocarbons	**1510**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*73.4 %*	*50-150*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Hydrocarbons as Motor Oil by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MJJ0559-07) Water	**Sampled: 10/17/00 11:27**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J27012	10/27/00	10/27/00	DHS LUFT	
Diesel Range Hydrocarbons	**1750**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*97.2 %*	*50-150*		"	"	"	"	
MW-11 (MJJ0559-08) Water	**Sampled: 10/17/00 10:32**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J27012	10/27/00	10/27/00	DHS LUFT	
Diesel Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surrogate: n-Pentacosane		*84.0 %*	*50-150*		"	"	"	"	
MW-12 (MJJ0559-09) Water	**Sampled: 10/17/00 11:14**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J24023	10/24/00	10/27/00	DHS LUFT	
Diesel Range Hydrocarbons	**82.9**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*90.4 %*	*50-150*		"	"	"	"	
MW-13 (MJJ0559-10) Water	**Sampled: 10/17/00 10:52**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	500	ug/l	1	0J24023	10/24/00	10/27/00	DHS LUFT	
Diesel Range Hydrocarbons	**121**	50.0	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*92.4 %*	*50-150*		"	"	"	"	
VEW-5 (MJJ0559-11) Water	**Sampled: 10/17/00 17:50**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	1000	ug/l	2	0J24023	10/24/00	10/28/00	DHS LUFT	
Diesel Range Hydrocarbons	**4180**	100	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*112 %*	*50-150*		"	"	"	"	
VEW-6 (MJJ0559-12) Water	**Sampled: 10/17/00 17:16**	**Received: 10/18/00 12:38**							
Motor Oil (C16-C36)	ND	1000	ug/l	2	0J24023	10/24/00	10/27/00	DHS LUFT	
Diesel Range Hydrocarbons	**4820**	100	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*110 %*	*50-150*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Hydrocarbons as Motor Oil by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VEW-7 (MJJ0559-13) Water Sampled: 10/17/00 15:44 Received: 10/18/00 12:38									
Motor Oil (C16-C36)	ND	1000	ug/l	2	0J24023	10/24/00	10/27/00	DHS LUFT	
Diesel Range Hydrocarbons	**3990**	100	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*106 %*	*50-150*		"	"	"	"	
AS-1 (MJJ0559-14) Water Sampled: 10/17/00 18:10 Received: 10/18/00 12:38									
Motor Oil (C16-C36)	ND	1000	ug/l	2	0J24023	10/24/00	10/27/00	DHS LUFT	
Diesel Range Hydrocarbons	**3280**	100	"	"	"	"	"	"	D-15
Surrogate: n-Pentacosane		*92.4 %*	*50-150*		"	"	"	"	
AS-2 (MJJ0559-15) Water Sampled: 10/17/00 17:30 Received: 10/18/00 12:38									
Motor Oil (C16-C36)	ND	500	ug/l	1	0J24023	10/24/00	10/27/00	DHS LUFT	Q-23
Diesel Range Hydrocarbons	**1380**	50.0	"	"	"	"	"	"	D-15,Q-23
Surrogate: n-Pentacosane		*92.1 %*	*50-150*		"	"	"	"	*Q-23*
AS-3 (MJJ0559-16) Water Sampled: 10/17/00 16:00 Received: 10/18/00 12:38									
Motor Oil (C16-C36)	**1260**	500	ug/l	1	0J24023	10/24/00	10/27/00	DHS LUFT	D-19,Q-23
Diesel Range Hydrocarbons	**942**	50.0	"	"	"	"	"	"	Q-23
Surrogate: n-Pentacosane		*116 %*	*50-150*		"	"	"	"	*Q-23*

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJJ0559-01) Water Sampled: 10/17/00 12:57 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**2530**	1000	ug/l	20	0J31004	10/31/00	10/31/00	DHS LUFT	P-01
Benzene	**388**	10.0	"	"	"	"	"	"	
Toluene	ND	10.0	"	"	"	"	"	"	
Ethylbenzene	**16.4**	10.0	"	"	"	"	"	"	
Xylenes (total)	**22.1**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**917**	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*87.2 %*	*70-130*		"	"	"	"	
MW-3 (MJJ0559-02) Water Sampled: 10/17/00 11:52 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**156**	50.0	ug/l	1	0J25003	10/25/00	10/25/00	DHS LUFT	
Benzene	**5.22**	0.500	"	"	"	"	"	"	
Toluene	**0.819**	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	**1.53**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**2250**	50.0	"	20	"	"	10/30/00	"	M-03
Surrogate: a,a,a-Trifluorotoluene		*97.0 %*	*70-130*		"	"	*10/25/00*	"	
MW-4 (MJJ0559-03) Water Sampled: 10/17/00 09:22 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J25003	10/25/00	10/25/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**9.40**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*73.1 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MJJ0559-04) Water Sampled: 10/17/00 14:17 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**2370**	500	ug/l	10	0J25003	10/25/00	10/25/00	DHS LUFT	P-01
Benzene	**49.8**	5.00	"	"	"	"	"	"	
Toluene	**5.36**	5.00	"	"	"	"	"	"	
Ethylbenzene	ND	5.00	"	"	"	"	"	"	
Xylenes (total)	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**746**	25.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*70-130*		"	"	"	"	
MW-8 (MJJ0559-05) Water Sampled: 10/17/00 09:57 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J25003	10/25/00	10/25/00	DHS LUFT	
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		*82.9 %*	*70-130*		"	"	"	"	
MW-9 (MJJ0559-06) Water Sampled: 10/17/00 13:52 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**19000**	5000	ug/l	100	0J25003	10/25/00	10/25/00	DHS LUFT	P-01
Benzene	**5420**	50.0	"	"	"	"	"	"	
Toluene	**54.5**	50.0	"	"	"	"	"	"	
Ethylbenzene	**479**	50.0	"	"	"	"	"	"	
Xylenes (total)	**2680**	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.5 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MJJ0559-07) Water Sampled: 10/17/00 11:27 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**15500**	5000	ug/l	100	0J25004	10/25/00	10/25/00	DHS LUFT	P-01
Benzene	**7450**	50.0	"	"	"	"	"	"	
Toluene	**54.7**	50.0	"	"	"	"	"	"	
Ethylbenzene	**387**	50.0	"	"	"	"	"	"	
Xylenes (total)	**308**	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**3840**	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*70-130*		"	"	"	"	
MW-11 (MJJ0559-08) Water Sampled: 10/17/00 10:32 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J25004	10/25/00	10/25/00	DHS LUFT	
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		*88.0 %*	*70-130*		"	"	"	"	
MW-12 (MJJ0559-09) Water Sampled: 10/17/00 11:14 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J25004	10/25/00	10/25/00	DHS LUFT	
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		*86.8 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-13 (MJJ0559-10) Water Sampled: 10/17/00 10:52 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J25004	10/25/00	10/25/00	DHS LUFT	
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		*87.1 %*		*70-130*		"	"	"	
VEW-5 (MJJ0559-11) Water Sampled: 10/17/00 17:50 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**74800**	10000	ug/l	200	0J30001	10/30/00	10/30/00	DHS LUFT	P-01
Benzene	**9090**	100	"	"	"	"	"	"	
Toluene	**14600**	100	"	"	"	"	"	"	
Ethylbenzene	**2630**	100	"	"	"	"	"	"	
Xylenes (total)	**14500**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**632**	500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.9 %*		*70-130*		"	"	"	
VEW-6 (MJJ0559-12) Water Sampled: 10/17/00 17:16 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**63800**	5000	ug/l	100	0J25004	10/25/00	10/25/00	DHS LUFT	P-01
Benzene	**6940**	50.0	"	"	"	"	"	"	
Toluene	**2750**	50.0	"	"	"	"	"	"	
Ethylbenzene	**2760**	50.0	"	"	"	"	"	"	
Xylenes (total)	**18700**	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**3700**	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*		*70-130*		"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VEW-7 (MJJ0559-13) Water Sampled: 10/17/00 15:44 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**74300**	12500	ug/l	250	0J30001	10/30/00	10/30/00	DHS LUFT	P-01
Benzene	**11900**	125	"	"	"	"	"	"	
Toluene	**12500**	125	"	"	"	"	"	"	
Ethylbenzene	**1640**	125	"	"	"	"	"	"	
Xylenes (total)	**15500**	125	"	"	"	"	"	"	
Methyl tert-butyl ether	**36600**	625	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.1 %*		*70-130*		"	"	"	
AS-1 (MJJ0559-14) Water Sampled: 10/17/00 18:10 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**13400**	2000	ug/l	40	0J25004	10/25/00	10/25/00	DHS LUFT	P-01
Benzene	**1600**	20.0	"	"	"	"	"	"	
Toluene	**82.8**	20.0	"	"	"	"	"	"	
Ethylbenzene	ND	20.0	"	"	"	"	"	"	
Xylenes (total)	**2600**	20.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**498**	100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*75.1 %*		*70-130*		"	"	"	
AS-2 (MJJ0559-15) Water Sampled: 10/17/00 17:30 Received: 10/18/00 12:38									
Purgeable Hydrocarbons	**4380**	1000	ug/l	20	0J25004	10/25/00	10/25/00	DHS LUFT	P-01
Benzene	**167**	10.0	"	"	"	"	"	"	
Toluene	ND	10.0	"	"	"	"	"	"	
Ethylbenzene	**225**	10.0	"	"	"	"	"	"	
Xylenes (total)	**680**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**315**	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*77.5 %*		*70-130*		"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AS-3 (MJJ0559-16) Water	**Sampled: 10/17/00 16:00**	**Received: 10/18/00 12:38**							
Purgeable Hydrocarbons	**3520**	1000	ug/l	20	0J26002	10/26/00	10/26/00	DHS LUFT	P-01
Benzene	**588**	10.0	"	"	"	"	"	"	
Toluene	**521**	10.0	"	"	"	"	"	"	
Ethylbenzene	**41.2**	10.0	"	"	"	"	"	"	
Xylenes (total)	**566**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1740**	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*87.2 %*		*70-130*	"	"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJJ0559-01) Water	**Sampled: 10/17/00 12:57**	**Received: 10/18/00 12:38**							
Ferrous Iron	**7.98**	0.0100	mg/l	1	0J30024	10/30/00	10/30/00	EPA 6010A	
MW-3 (MJJ0559-02) Water	**Sampled: 10/17/00 11:52**	**Received: 10/18/00 12:38**							
Ferrous Iron	**5.78**	0.0100	mg/l	1	0J30024	10/30/00	10/30/00	EPA 6010A	
MW-4 (MJJ0559-03) Water	**Sampled: 10/17/00 09:22**	**Received: 10/18/00 12:38**							
Ferrous Iron	**0.338**	0.0100	mg/l	1	0J30024	10/30/00	10/30/00	EPA 6010A	
MW-6 (MJJ0559-04) Water	**Sampled: 10/17/00 14:17**	**Received: 10/18/00 12:38**							
Ferrous Iron	**3.31**	0.0100	mg/l	1	0J30024	10/30/00	10/30/00	EPA 6010A	
MW-8 (MJJ0559-05) Water	**Sampled: 10/17/00 09:57**	**Received: 10/18/00 12:38**							
Ferrous Iron	**1.12**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
MW-9 (MJJ0559-06) Water	**Sampled: 10/17/00 13:52**	**Received: 10/18/00 12:38**							
Ferrous Iron	**13.3**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
MW-10 (MJJ0559-07) Water	**Sampled: 10/17/00 11:27**	**Received: 10/18/00 12:38**							
Ferrous Iron	**8.30**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
MW-11 (MJJ0559-08) Water	**Sampled: 10/17/00 10:32**	**Received: 10/18/00 12:38**							
Ferrous Iron	**1.74**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
MW-12 (MJJ0559-09) Water	**Sampled: 10/17/00 11:14**	**Received: 10/18/00 12:38**							
Ferrous Iron	**0.0107**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-13 (MJJ0559-10) Water	**Sampled: 10/17/00 10:52**	**Received: 10/18/00 12:38**							
Ferrous Iron	**0.169**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
VEW-5 (MJJ0559-11) Water	**Sampled: 10/17/00 17:50**	**Received: 10/18/00 12:38**							
Ferrous Iron	**2.64**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
VEW-6 (MJJ0559-12) Water	**Sampled: 10/17/00 17:16**	**Received: 10/18/00 12:38**							
Ferrous Iron	**4.16**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
VEW-7 (MJJ0559-13) Water	**Sampled: 10/17/00 15:44**	**Received: 10/18/00 12:38**							
Ferrous Iron	**508**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
AS-1 (MJJ0559-14) Water	**Sampled: 10/17/00 18:10**	**Received: 10/18/00 12:38**							
Ferrous Iron	**0.708**	0.0100	mg/l	1	0J30025	10/30/00	10/31/00	EPA 6010A	
AS-2 (MJJ0559-15) Water	**Sampled: 10/17/00 17:30**	**Received: 10/18/00 12:38**							
Ferrous Iron	**2.46**	0.0100	mg/l	1	0J30026	10/30/00	11/01/00	EPA 6010A	
AS-3 (MJJ0559-16) Water	**Sampled: 10/17/00 16:00**	**Received: 10/18/00 12:38**							
Ferrous Iron	**0.0402**	0.0100	mg/l	1	0J30026	10/30/00	11/01/00	EPA 6010A	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

MTBE by EPA Method 8260B

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MJJ0559-07) Water Sampled: 10/17/00 11:27 Received: 10/18/00 12:38									
Methyl tert-butyl ether	**4300**	100	ug/l	50	0100150	10/31/00	10/31/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*76.0-114*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Anions by EPA Method 300.0

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJJ0559-01) Water Sampled: 10/17/00 12:57 Received: 10/18/00 12:38									
Nitrate as N	ND	0.200	mg/l	1	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**2.68**	1.00	"	"	"	"	"	"	
MW-3 (MJJ0559-02) Water Sampled: 10/17/00 11:52 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**21.2**	5.00	"	"	"	"	"	"	
MW-4 (MJJ0559-03) Water Sampled: 10/17/00 09:22 Received: 10/18/00 12:38									
Nitrate as N	**1.05**	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**16.0**	5.00	"	"	"	"	"	"	
MW-6 (MJJ0559-04) Water Sampled: 10/17/00 14:17 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	ND	5.00	"	"	"	"	"	"	
MW-8 (MJJ0559-05) Water Sampled: 10/17/00 09:57 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**23.2**	5.00	"	"	"	"	"	"	
MW-9 (MJJ0559-06) Water Sampled: 10/17/00 13:52 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	ND	5.00	"	"	"	"	"	"	
MW-10 (MJJ0559-07) Water Sampled: 10/17/00 11:27 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	ND	5.00	"	"	"	"	"	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Anions by EPA Method 300.0

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (MJJ0559-08) Water Sampled: 10/17/00 10:32 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**1140**	50.0	"	50	"	"	10/19/00	"	
MW-12 (MJJ0559-09) Water Sampled: 10/17/00 11:14 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**182**	5.00	"	"	"	"	"	"	
MW-13 (MJJ0559-10) Water Sampled: 10/17/00 10:52 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100466	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**1800**	50.0	"	50	"	"	10/19/00	"	
VEW-5 (MJJ0559-11) Water Sampled: 10/17/00 17:50 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100487	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**15.0**	5.00	"	"	"	"	"	"	
VEW-6 (MJJ0559-12) Water Sampled: 10/17/00 17:16 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100487	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**17.7**	5.00	"	"	"	"	"	"	
VEW-7 (MJJ0559-13) Water Sampled: 10/17/00 15:44 Received: 10/18/00 12:38									
Nitrate as N	ND	0.200	mg/l	1	0100487	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**1.96**	1.00	"	"	"	"	"	"	
AS-1 (MJJ0559-14) Water Sampled: 10/17/00 18:10 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100487	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**965**	50.0	"	50	"	"	10/19/00	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Anions by EPA Method 300.0

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AS-2 (MJJ0559-15) Water Sampled: 10/17/00 17:30 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100487	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**3810**	500	"	500	"	"	10/19/00	"	
AS-3 (MJJ0559-16) Water Sampled: 10/17/00 16:00 Received: 10/18/00 12:38									
Nitrate as N	ND	1.00	mg/l	5	0100487	10/19/00	10/19/00	EPA 300.0	
Sulfate as SO4	**493**	50.0	"	50	"	"	10/20/00	"	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Hydrocarbons as Motor Oil by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J24023 - EPA 3510B										
Blank (0J24023-BLK1)				Prepared: 10/24/00 Analyzed: 10/25/00						
Motor Oil (C16-C36)	ND	500	ug/l							
Diesel Range Hydrocarbons	ND	50.0	"							
Surrogate: n-Pentacosane	*88.0*		"	*100*		*88.0*	*50-150*			
LCS (0J24023-BS1)				Prepared & Analyzed: 10/24/00						
Diesel Range Hydrocarbons	822	50.0	ug/l	1000		82.2	60-140			
Surrogate: n-Pentacosane	*83.1*		"	*100*		*83.1*	*50-150*			
Matrix Spike (0J24023-MS1)		**Source: MJJ0619-01**		Prepared & Analyzed: 10/24/00						
Diesel Range Hydrocarbons	898	50.0	ug/l	1000	ND	89.8	50-150			
Surrogate: n-Pentacosane	*85.3*		"	*100*		*85.3*	*50-150*			
Matrix Spike Dup (0J24023-MSD1)		**Source: MJJ0619-01**		Prepared & Analyzed: 10/24/00						
Diesel Range Hydrocarbons	839	50.0	ug/l	1000	ND	83.9	50-150	6.79	50	
Surrogate: n-Pentacosane	*85.2*		"	*100*		*85.2*	*50-150*			
Batch 0J25001 - EPA 3510B										
Blank (0J25001-BLK1)				Prepared: 10/25/00 Analyzed: 10/26/00						
Motor Oil (C16-C36)	ND	500	ug/l							
Diesel Range Hydrocarbons	ND	50.0	"							
Surrogate: n-Pentacosane	*108*		"	*100*		*108*	*50-150*			
LCS (0J25001-BS1)				Prepared: 10/25/00 Analyzed: 10/26/00						
Diesel Range Hydrocarbons	1020	50.0	ug/l	1000		102	60-140			
Surrogate: n-Pentacosane	*120*		"	*100*		*120*	*50-150*			

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1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Hydrocarbons as Motor Oil by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J25001 - EPA 3510B										
Matrix Spike (0J25001-MS1)		**Source: MJJ0491-08**		Prepared: 10/25/00 Analyzed: 10/26/00						
Diesel Range Hydrocarbons	1280	50.0	ug/l	1000	101	118	50-150			
Surrogate: n-Pentacosane	*127*		"	*100*		*127*	*50-150*			
Matrix Spike Dup (0J25001-MSD1)		**Source: MJJ0491-08**		Prepared: 10/25/00 Analyzed: 10/26/00						
Diesel Range Hydrocarbons	1290	50.0	ug/l	1000	101	119	50-150	0.778	50	
Surrogate: n-Pentacosane	*117*		"	*100*		*117*	*50-150*			
Batch 0J27012 - EPA 3510B										
Blank (0J27012-BLK1)				Prepared & Analyzed: 10/27/00						
Motor Oil (C16-C36)	ND	500	ug/l							
Diesel Range Hydrocarbons	ND	50.0	"							
Surrogate: n-Pentacosane	*80.3*		"	*100*		*80.3*	*50-150*			
LCS (0J27012-BS1)				Prepared & Analyzed: 10/27/00						
Diesel Range Hydrocarbons	850	50.0	ug/l	1000		85.0	60-140			
Surrogate: n-Pentacosane	*88.4*		"	*100*		*88.4*	*50-150*			
Matrix Spike (0J27012-MS1)		**Source: MJJ0559-08**		Prepared & Analyzed: 10/27/00						
Diesel Range Hydrocarbons	927	50.0	ug/l	1000	ND	92.7	50-150			
Surrogate: n-Pentacosane	*85.8*		"	*100*		*85.8*	*50-150*			
Matrix Spike Dup (0J27012-MSD1)		**Source: MJJ0559-08**		Prepared & Analyzed: 10/27/00						
Diesel Range Hydrocarbons	876	50.0	ug/l	1000	ND	87.6	50-150	5.66	50	
Surrogate: n-Pentacosane	*89.9*		"	*100*		*89.9*	*50-150*			

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J25003 - EPA 5030B [P/T]										
Blank (0J25003-BLK1)				Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	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	*8.79*		"	*10.0*		*87.9*	*70-130*			
LCS (0J25003-BS1)				Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	247	50.0	ug/l	250		98.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*12.2*		"	*10.0*		*122*	*70-130*			
Matrix Spike (0J25003-MS1)		**Source: MJJ0487-02**		Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	242	50.0	ug/l	250	ND	96.8	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike Dup (0J25003-MSD1)		**Source: MJJ0487-02**		Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	230	50.0	ug/l	250	ND	92.0	60-140	5.08	25	
Surrogate: a,a,a-Trifluorotoluene	*9.28*		"	*10.0*		*92.8*	*70-130*			
Batch 0J25004 - EPA 5030B [P/T]										
Blank (0J25004-BLK1)				Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	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	*9.38*		"	*10.0*		*93.8*	*70-130*			

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J25004 - EPA 5030B [P/T]										
LCS (0J25004-BS1)				Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	241	50.0	ug/l	250		96.4	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.62*		"	*10.0*		*86.2*	*70-130*			
Matrix Spike (0J25004-MS1)		**Source: MJJ0494-02**		Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	233	50.0	ug/l	250	ND	93.2	60-140			
Surrogate: a,a,a-Trifluorotoluene	*8.08*		"	*10.0*		*80.8*	*70-130*			
Matrix Spike Dup (0J25004-MSD1)		**Source: MJJ0494-02**		Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	233	50.0	ug/l	250	ND	93.2	60-140	0	25	
Surrogate: a,a,a-Trifluorotoluene	*8.14*		"	*10.0*		*81.4*	*70-130*			
Batch 0J26002 - EPA 5030B [P/T]										
Blank (0J26002-BLK1)				Prepared & Analyzed: 10/26/00						
Purgeable Hydrocarbons	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	*9.12*		"	*10.0*		*91.2*	*70-130*			
LCS (0J26002-BS1)				Prepared & Analyzed: 10/26/00						
Purgeable Hydrocarbons	216	50.0	ug/l	250		86.4	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.73*		"	*10.0*		*87.3*	*70-130*			
Matrix Spike (0J26002-MS1)		**Source: MJJ0558-05**		Prepared & Analyzed: 10/26/00						
Purgeable Hydrocarbons	227	50.0	ug/l	250	ND	90.8	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.85*		"	*10.0*		*98.5*	*70-130*			

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J26002 - EPA 5030B [P/T]										
Matrix Spike Dup (0J26002-MSD1)		**Source: MJJ0558-05**		Prepared & Analyzed: 10/26/00						
Purgeable Hydrocarbons	224	50.0	ug/l	250	ND	89.6	60-140	1.33	25	
Surrogate: a,a,a-Trifluorotoluene	*9.86*		"	*10.0*		*98.6*	*70-130*			
Batch 0J30001 - EPA 5030B [P/T]										
Blank (0J30001-BLK1)				Prepared & Analyzed: 10/30/00						
Purgeable Hydrocarbons	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	*9.10*		"	*10.0*		*91 0*	*70-130*			
LCS (0J30001-BS1)				Prepared & Analyzed: 10/30/00						
Purgeable Hydrocarbons	229	50.0	ug/l	250		91.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.46*		"	*10.0*		*84.6*	*70-130*			
Matrix Spike (0J30001-MS1)		**Source: MJJ0433-01**		Prepared & Analyzed: 10/30/00						
Purgeable Hydrocarbons	228	50.0	ug/l	250	ND	91.2	60-140			
Surrogate: a,a,a-Trifluorotoluene	*8.43*		"	*10.0*		*84.3*	*70-130*			
Matrix Spike Dup (0J30001-MSD1)		**Source: MJJ0433-01**		Prepared & Analyzed: 10/30/00						
Purgeable Hydrocarbons	224	50.0	ug/l	250	ND	89.6	60-140	1.77	25	
Surrogate: a,a,a-Trifluorotoluene	*8.24*		"	*10.0*		*82.4*	*70-130*			

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J31004 - EPA 5030B [P/T]										
Blank (0J31004-BLK1)				Prepared & Analyzed: 10/31/00						
Purgeable Hydrocarbons	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	*8.89*		"	*10.0*		*88.9*	*70-130*			
LCS (0J31004-BS1)				Prepared & Analyzed: 10/31/00						
Benzene	7.61	0.500	ug/l	10.0		76.1	70-130			
Toluene	9.95	0.500	"	10.0		99.5	70-130			
Ethylbenzene	11.3	0.500	"	10.0		113	70-130			
Xylenes (total)	32.9	0.500	"	30.0		110	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.14*		"	*10.0*		*91.4*	*70-130*			
Matrix Spike (0J31004-MS1)		**Source: MJJ0609-05**		Prepared & Analyzed: 10/31/00						
Benzene	9.71	0.500	ug/l	10.0	ND	97.1	60-140			
Toluene	10.3	0.500	"	10.0	ND	103	60-140			
Ethylbenzene	10.4	0.500	"	10.0	ND	104	60-140			
Xylenes (total)	30.0	0.500	"	30.0	ND	100	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.03*		"	*10.0*		*90.3*	*70-130*			
Matrix Spike Dup (0J31004-MSD1)		**Source: MJJ0609-05**		Prepared & Analyzed: 10/31/00						
Benzene	9.71	0.500	ug/l	10.0	ND	97.1	60-140	0	25	
Toluene	10.2	0.500	"	10.0	ND	102	60-140	0.976	25	
Ethylbenzene	10.3	0.500	"	10.0	ND	103	60-140	0.966	25	
Xylenes (total)	29.8	0.500	"	30.0	ND	99.3	60-140	0.669	25	
Surrogate: a,a,a-Trifluorotoluene	*8.93*		"	*10.0*		*89.3*	*70-130*			

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J30024 - 200.7/ No Digest										
Blank (0J30024-BLK1)				Prepared & Analyzed: 10/30/00						
Ferrous Iron	ND	0.0100	mg/l							
LCS (0J30024-BS1)				Prepared & Analyzed: 10/30/00						
Ferrous Iron	1.03	0.0100	mg/l				80-120			
Matrix Spike (0J30024-MS1)		**Source: MJJ0558-01**		Prepared & Analyzed: 10/30/00						
Ferrous Iron	16.1	0.0100	mg/l		15.2		80-120			
Matrix Spike Dup (0J30024-MSD1)		**Source: MJJ0558-01**		Prepared & Analyzed: 10/30/00						
Ferrous Iron	16.1	0.0100	mg/l		15.2		80-120	0	20	
Batch 0J30025 - 200.7/ No Digest										
Blank (0J30025-BLK1)				Prepared: 10/30/00 Analyzed: 10/31/00						
Ferrous Iron	ND	0.0100	mg/l							
LCS (0J30025-BS1)				Prepared: 10/30/00 Analyzed: 10/31/00						
Ferrous Iron	1.05	0.0100	mg/l				80-120			
Matrix Spike (0J30025-MS1)		**Source: MJJ0559-05**		Prepared: 10/30/00 Analyzed: 10/31/00						
Ferrous Iron	2.13	0.0100	mg/l		1.12		80-120			
Matrix Spike Dup (0J30025-MSD1)		**Source: MJJ0559-05**		Prepared: 10/30/00 Analyzed: 10/31/00						
Ferrous Iron	2.13	0.0100	mg/l		1.12		80-120	0	20	
Batch 0J30026 - 200.7/ No Digest										
Blank (0J30026-BLK1)				Prepared: 10/30/00 Analyzed: 11/01/00						
Ferrous Iron	ND	0.0100	mg/l							

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J30026 - 200.7/ No Digest										
LCS (0J30026-BS1)				Prepared: 10/30/00 Analyzed: 11/01/00						
Ferrous Iron	1.08	0.0100	mg/l				80-120			
Matrix Spike (0J30026-MS1)		Source: MJJ0559-15		Prepared: 10/30/00 Analyzed: 11/01/00						
Ferrous Iron	3.64	0.0100	mg/l		2.46		80-120			
Matrix Spike Dup (0J30026-MSD1)		Source: MJJ0559-15		Prepared: 10/30/00 Analyzed: 11/01/00						
Ferrous Iron	3.23	0.0100	mg/l		2.46		80-120	11.9	20	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

MTBE by EPA Method 8260B - Quality Control

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0100150 - EPA 5030B [P/T]										
Blank (0100150-BLK1)				Prepared & Analyzed: 10/30/00						
Methyl tert-butyl ether	ND	2.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*49.1*		"	*50.0*		*98.2*	*76.0-114*			
Blank (0100150-BLK2)				Prepared & Analyzed: 10/31/00						
Methyl tert-butyl ether	ND	2.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*49.9*		"	*50.0*		*99.8*	*76.0-114*			
LCS (0100150-BS1)				Prepared & Analyzed: 10/30/00						
Methyl tert-butyl ether	51.7	2.00	ug/l	50.0		103	70.0-130			
Surrogate: 1,2-Dichloroethane-d4	*50.8*		"	*50.0*		*102*	*76.0-114*			
LCS (0100150-BS2)				Prepared & Analyzed: 10/31/00						
Methyl tert-butyl ether	49.7	2.00	ug/l	50.0		99.4	70.0-130			
Surrogate: 1,2-Dichloroethane-d4	*51.8*		"	*50.0*		*104*	*76.0-114*			
Matrix Spike (0100150-MS1)			Source: L010202-02RE0	Prepared & Analyzed: 10/30/00						
Methyl tert-butyl ether	51.4	2.00	ug/l	50.0	ND	103	60.0-140			
Surrogate: 1,2-Dichloroethane-d4	*52.2*		"	*50.0*		*104*	*76.0-114*			
Matrix Spike Dup (0100150-MSD1)			Source: L010202-02RE0	Prepared & Analyzed: 10/30/00						
Methyl tert-butyl ether	53.1	2.00	ug/l	50.0	ND	106	60.0-140	2.87	25.0	
Surrogate: 1,2-Dichloroethane-d4	*51.2*		"	*50.0*		*102*	*76.0-114*			

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

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 0100466 - General Preparation										
Blank (0100466-BLK1)				Prepared & Analyzed: 10/19/00						
Nitrate as N	ND	0.200	mg/l							
Sulfate as SO4	ND	1.00	"							
LCS (0100466-BS1)				Prepared & Analyzed: 10/19/00						
Nitrate as N	10.7	0.200	mg/l	10.0		107	80-120			
Sulfate as SO4	10.2	1.00	"	10.0		102	80-120			
Matrix Spike (0100466-MS1)		**Source: P010488-01**		Prepared & Analyzed: 10/19/00						
Nitrate as N	27.0	1.00	mg/l	25.0	2.25	99.0	75-125			
Sulfate as SO4	101	5.00	"	25.0	74.7	105	75-125			
Matrix Spike Dup (0100466-MSD1)		**Source: P010488-01**		Prepared & Analyzed: 10/19/00						
Nitrate as N	27.3	1.00	mg/l	25.0	2.25	100	75-125	1.10	20	
Sulfate as SO4	102	5.00	"	25.0	74.7	109	75-125	0.985	20	
Batch 0100487 - General Preparation										
Blank (0100487-BLK1)				Prepared & Analyzed: 10/19/00						
Nitrate as N	ND	0.200	mg/l							
Sulfate as SO4	ND	1.00	"							
LCS (0100487-BS1)				Prepared & Analyzed: 10/19/00						
Nitrate as N	10.7	0.200	mg/l	10.0		107	80-120			
Sulfate as SO4	10.3	1.00	"	10.0		103	80-120			
Matrix Spike (0100487-MS1)		**Source: MJJ0559-11**		Prepared & Analyzed: 10/19/00						
Nitrate as N	25.4	1.00	mg/l	25.0	ND	100	75-125			
Sulfate as SO4	40.6	5.00	"	25.0	15.0	102	75-125			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

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 0100487 - General Preparation										
Matrix Spike Dup (0100487-MSD1)	**Source: MJJ0559-11**			Prepared & Analyzed: 10/19/00						
Nitrate as N	24.8	1.00	mg/l	25.0	ND	97.8	75-125	2.39	20	
Sulfate as SO4	39.6	5.00	"	25.0	15.0	98.4	75-125	2.49	20	

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Blaine Tech Services (Shell)	Project: 285 Hegenburger	
1680 Rogers Avenue	Project Number: 285 Hegenberger	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/09/00 14:07

Notes and Definitions

D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
D-19	Chromatogram pattern: Unidentified Hydrocarbons C16-C36.
M-03	Sample was analyzed at a second dilution per clients request.
P-01	Chromatogram Pattern: Gasoline C6-C12
Q-23	The closing standard was outside of the range of acceptance. Review of associated QC does not represent an out-of-control condition for this set.
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

BLAINE TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY 001017-51

CLIENT: Equiva - Karen Petryna

SITE: 285 Hegenberger Road

Oakland, CA

LAB

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ LIA ☐ OTHER ☐ RWQCB REGION

MJ0559

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995749

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE I.D.	Date	Time	MATRIX S=SOIL W=H2O	CONTAINERS TOTAL	C=COMPOSITE ALL CONTAINERS	CONDUCT ANALYSIS TO DETECT: TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel, Motor oil	Oxygenates by 8260	1,2-DCA & EDB by 8010	Nitrate, Sulfate	Ferrous Iron - Field Filtered	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	10/17/00	1237	W	8	01	X	X		X			X	X				
MW-3		1152	W	8	02	X	X		X			X	X	"Confirm the highest MTBE concentration by 8260."			
MW-4		922	W	8	03	X	X		X			X	X				
MW-6		1417	W	8	04	X	X		X			X	X				
MW-8		957	W	8	05	X	X		X			X	X				
MW-9		1352	W	8	06	X	X		X			X	X				
MW-10		1027	W	8	07	X	X		X			X	X				
MW-11		1032	W	8	08	X	X		X			X	X				
MW-12		1114	W	8	09	X	X		X			X	X				
MW-13		1052	W	8	10	X	X		X			X	X				

	DATE	TIME		DATE	TIME
SAMPLING COMPLETED	10/17/00	1810	SAMPLING PERFORMED BY	Steve Willard	
RELEASED BY			RECEIVED BY		
RELEASED BY	10/18/00	10:55	RECEIVED BY		
RELEASED BY	10/18/00		RECEIVED BY		
RELEASED BY			RECEIVED BY		

RESULTS NEEDED NO LATER THAN

DATE 10/18/00 TIME 1055

DATE 10/18/00 TIME 1238

DATE TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

BLAINE
TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY 001017-S1

CLIENT: Equiva - Karen Petryna

SITE: 285 Hegenberger Road

Oakland, CA

LAB: _____ DHS #: _____

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ LIA ☐ OTHER ☐ RWQCB REGION _____

MJJ0559

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995749

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE I.D.	Date	Time	MATRIX S=SOIL W=H2O	CONTAINERS TOTAL		C=COMPOSITE ALL CONTAINERS	CONDUCT ANALYSIS TO DETECT: TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel, Motor oil	Oxygenates by 8260	1,2-DCA & EDB by 8010	Nitrate, Sulfate	Ferrous (RO2 - Field Filtered)	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
VEW-5	10/17/00	1250	W	8	11		X	X		X			X	X				
VEW-6		1116	W	8	12		X	X		X			X	X		"Confirm the highest		
VEW-7		1544	W	8	13		X	X		X			X	X		MTBE concentration		
AS-1		1810	W	8	14		X	X		X			X	X		by 8260."		
AS-2		1730	W	8	15		X	X		X			X	X				
AS-3		1600	W	8	16		X	X		X			X	X				

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	10/17/00	1810	MJJ WLH

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
MJJ WLH	10/18/00	0:57		10/17/00	1053
	10/18/00		MH	10/18/00	1238

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 001017-51 Date 10/17/00 Client Equiva 98995749

Site 285 Hegenberger Rd. Oakland, CA

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					4.05	9.36	TOC	
MW-2	4		(Inaccessible well)					↓	
MW-3	4					5.78	10.11	TOB	
MW-4	4					3.50	10.17	TOC	
MW-5	4					4.80	10.97		
MW-8	4					3.10	9.88		
MW-9	4					3.87	10.76		
MW-10	4					4.25	10.03		
MW-11	4					8.35	13.80		
MW-12	4					6.80	14.11		
MW-13	4					8.38	14.65		
VEW-5	4					2.65	9.75		
VEW-6	4					3.13	9.95		
VEW-7	4					3.72	9.80		
AS-1	1					5.50	14.80		
AS-2	1					5.56	14.90		
AS-3	1					6.18	14.88	✓	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000117-51	Site: #9995749
Sampler: Stephen	Date: 10/17/00
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 9.24	Depth to Water: 2.05
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: _____	

4.25 (Gals.) X 3 = 14.25 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1150	73.5	7.1	963.8	51	5	clear / odor
0851	73.7	7.0	724.9	46	10	"
1152	74.6	7.1	835.1	42	15	"

Did well dewater? Yes (No) Gallons actually evacuated: 15

Sampling Time: 1257 Sampling Date: 10/17/00

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):	4.0 mg/L	(Post-purge):	3.1
O.R.P. (if req'd):	(Pre-purge):	-142 mV	(Post-purge):	-114

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-51	Site: # 9895749
Sampler: Stephen	Date: 10/17/00
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	Waterra
Disposable Bailer	Peristaltic
Middleburg	Extraction Pump
Electric Submersible	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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
			1" Inaccessible			
			well			
			Due to well			
			lid	being secured		
			to	tightly."	Lid rusted shut - broke T-bar	

Did well dewater? Yes No	Gallons actually evacuated:
Sampling Time:	Sampling Date: 10/17/00
Sample I.D.: MW-	Laboratory: (Sequoia) Columbia Other_____
Analyzed for: ~~TPH-G~~ BTEX MTBE TPH-D	Other: meter 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 #: 001017-S1	Site: # 98995349
Sampler: Steph	Date: 10/17/00
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 10.11	Depth to Water: 5.70
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: ___

2.87 (Gals.) X 3 = 8.60 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	$radius^2 * 0.163$

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1145	78.1	~~7.0~~	1313 (corrected)	16	3	clear
1146	77.9	~~7.0~~	1946 (corrected)	19	6	"
1147	75.9	7.1	1862	26	9	"

Did well dewater? Yes (No)	Gallons actually evacuated: 9
Sampling Time: 1150	Sampling Date: 10/17/00
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:) 2.0 mg/L	(Post-purge:) 2.1 mg/L
O.R.P. (if req'd): (Pre-purge:) 152 mV	(Post-purge:) 188 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 091017-S1	Site: #9895749
Sampler: Stephan	Date: 10/17/00
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 10.17	Depth to Water: 3.50
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: _____

4.34 (Gals.) X	3	=	13.00 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
915	69.5	7.2	2146	134	4.34	clear
916	68.6	7.2	1627	68	8.68	"
917	68.5	7.4	1657	49	13.00	"

Did well dewater? Yes (No)		Gallons actually evacuated: 13	
Sampling Time: 922		Sampling Date: 10/17/00	
Sample I.D.: MW-4		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: 3.5 mg/L	Post-purge: 4.0 mg/L	
O.R.P. (if req'd):	Pre-purge: 167 mV	Post-purge: 131 mV	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000017-51	Site: #9895749
Sampler: Stephen	Date: 10/17/00
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 10.97	Depth to Water: 4.80
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: _____

4.01 (Gals.) X	3	=	12.03 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	69.3	7.2	1172	7	4.01	clear
1411	69.7	7.2	1209	54	8.02	"
1412	70.1	7.1	1283	36	12.03	"

Did well dewater? Yes (No)		Gallons actually evacuated:	12.03
Sampling Time:	1417	Sampling Date:	10/17/00
Sample I.D.:	MW-6	Laboratory: (Sequoia) Columbia Other_____	
Analyzed for: ~~TPH-G~~ BTEX MTBE TPH-D		Other:	water 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):	2.5 mg/L	(Post-purge):	2.1 mg/L
O.R.P. (if req'd): (Pre-purge):	-107 mV	(Post-purge):	-126 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-51	Site: #9995749
Sampler: Stephen	Date: 10/17/00
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 9.88	Depth to Water: 3.10
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: _____

4.41 (Gals.) X	3	=	13.22 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
950	72.8	7.2	756.5	9	4.50	clear
951	72.3	7.2	736.4	7	9.00	"
952	71.8	7.2	736	8	13.50	"

Did well dewater? Yes (No)		Gallons actually evacuated: 14	
Sampling Time: 957		Sampling Date: 10/17/00	
Sample I.D.: MW-8		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):	4.0 mg/L	(Post-purge):	4.1 mg/L
O.R.P. (if req'd): (Pre-purge):	114 mV	(Post-purge):	119 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-51	Site: #9995749
Sampler: Stephen	Date: 10/17/00
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 20.76	Depth to Water: 3.87
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: _____

9.48	(Gals.) X	3	=	13.44 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1345	73.6	7.2	2388	3	4.50	clear
1346	70.8	7.1	2549	27	9.00	"
1347	69.9	7.1	2520	61	13.50	"

Did well dewater? Yes (No) Gallons actually evacuated: 14

Sampling Time: 1252 Sampling Date: 10/17/00

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:~~	3.0 mg/L	Post-purge:	3.5	mg/L
O.R.P. (if req'd):	~~Pre-purge:~~	-126 mV	Post-purge:	-132	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-51	Site: # 9895749
Sampler: Stephen	Date: 10/17/00
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 10.03	Depth to Water: 4.25
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: ____

3.26 (Gals.) X 3 = 11.27 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1120	77.4	7.1	2967	11	11	clear/odor
1121	77.5	7.1	2085	9	8	"
1123	77.1	7.1	2166	140	12	"

Did well dewater? Yes (No)	Gallons actually evacuated: 12
Sampling Time: 1127	Sampling Date: 10/17/00
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):	2.3 mg/L	(Post-purge):	3.0 mg/L
O.R.P. (if req'd):	(Pre-purge):	-160 mV	(Post-purge):	-113 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-51	Site: #9995749
Sampler: Stephen	Date: 10/17/00
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.86	Depth to Water: 8.35
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: ____

3.58 (Gals.) X 3 = 10.74 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
1025	70.5	7.0	18.19 MS	13	3.58	clear
1026	70.2	7.0	18.94 MS	11	7.16	"
1031	70.0	7.1	19.36 MS	15	10.74	"

Did well dewater? Yes (No) Gallons actually evacuated: 11

Sampling Time: 1032 Sampling Date: 10/17/00

Sample I.D.: MW-11 Laboratory: (Sequoia) Columbia Other____

Analyzed for: (TPH-G) BTEX MTBE TPH-D Other: water 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):	4.1 mg/L	(Post-purge):	4.0	mg/L
O.R.P. (if req'd):	(Pre-purge):	81 mV	(Post-purge):	64	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-51	Site: #9995749
Sampler: Stephen	Date: 10/17/00
Well I.D.: MW-12	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 14.41	Depth to Water: 6.80
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: ____

4.95 (Gals.) X 3 = 14.84 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1107	73.5	7.5	4593	14	5	clear
1108	73.3	7.4	4576	15	10	"
1109	72.9	7.5	4639	12	15	"

Did well dewater? Yes (No)	Gallons actually evacuated: 15
Sampling Time: 1114	Sampling Date: 10/17/00
Sample I.D.: MW-12	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:~~	5.1 mg/L	~~Post-purge:~~	3.0 mg/L
O.R.P. (if req'd):	~~Pre-purge:~~	15 mV	~~Post-purge:~~	24 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-S1	Site: # 98995749
Sampler: Stephen	Date: 10/17/00
Well I.D.: MW-13	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 14.65	Depth to Water: 8.38
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

4.08 (Gals.) X 3 = 12.23 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1045	71.7	7.1	15.70 MS	4	4.08	clear
1046	~~71.1~~ 70.1	7.1	16.02 MS	5	8.16	"
1047	70.7	7.2	16.47 MS	2	12.24	"

Did well dewater? Yes (No) Gallons actually evacuated: 13

Sampling Time: 1052 Sampling Date: 10/17/00

Sample I.D.: MW-13 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:~~	2.5 mg/L	Post-purge:	2.8	mg/L
O.R.P. (if req'd):	~~Pre-purge:~~	-10 mV	Post-purge:	19	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000017-51	Site: # 9897549
Sampler: Steph	Date: 10/17/00
Well I.D.: VEW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 9.75	Depth to Water: 2.65
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: _____

4.6 (Gals.) X 3 = 13.8 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1745	72.7	7.4	1221	>200	5	Turbid
1746	73.1	7.3	1228	>200	10	11
1747	73.4	7.3	1332	>200	14	11

Did well dewater? Yes (No)		Gallons actually evacuated: 14	
Sampling Time: 1750		Sampling Date: 10-17-00	
Sample I.D.: VEW-5		Laboratory: (Sequoia) Columbia Other_____	
Analyzed for: (TPH-G BTEX MTBE TPH-D)		Other: Motor oil, Nitrate, Sulfate, Ferrous F	
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: 3.1	mg/L
O.R.P. (if req'd):	Pre-purge: -112 mV	Post-purge: -126	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-S1	Site: # 98995749
Sampler: Steve	Date: 10/12/00
Well I.D.: VEW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 9.95	Depth to Water: 3.13
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

4.43 (Gals.) X 3 = 13.30 Gals.
1 Case Volume · Specified Volumes · Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1705	70.7	7.2	5904	7200	4.50	Turbid/odor
1708	71.0	7.1	3199	7200	9.00	"
1711	70.9	7.0	3017	7200	13.50	"

Did well dewater? Yes (No)	Gallons actually evacuated: 13.50
Sampling Time: 1716	Sampling Date: 10/12/00
Sample I.D.: VEW-6	Laboratory: (Sequoia) Columbia Other ______
Analyzed for: (TPH-G BTEX MTBE TPH-D)	Other: [illegible]
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: 2.1 mg/L
O.R.P. (if req'd): Pre-purge: -92 mV	Post-purge: -115 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-S1	Site: # 98995749
Sampler: Stephen	Date: 10/17/00
Well I.D.: VEW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 9.80	Depth to Water: 3.72
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: ____

3.85 (Gals.) X 3 = 11.86 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	$radius^2 * 0.163$

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1535	74.1	7.2	3534	25	4	clear
1537	74.5	7.2	3616	63	8	"
1539	74.9	7.2	3692	105	12	"

Did well dewater? Yes (No)	Gallons actually evacuated: 12
Sampling Time: 1544	Sampling Date: 10/17/00
Sample I.D.: VEW-7	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:) 3.5 mg/L	(Post-purge:) 4.1 mg/L
O.R.P. (if req'd): (Pre-purge:) -87 mV	(Post-purge:) -82 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000017-51	Site: # 99975745
Sampler: Steph	Date: 10/17/00
Well I.D.: AS-1	Well Diameter: 2 3 4 6 8 1
Total Well Depth: 14.80	Depth to Water: 5.50
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: Pump

0.3 (Gals.) X 3 = 0.9 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
1759	69.3	7.3	7795	>200	0.3	Turb/Odor
1801	69.5	7.3	7802	>200	0.6	"
1803	69.6	7.3	7825	>200	0.9	"

Did well dewater? Yes (No) Gallons actually evacuated: 0.9

Sampling Time: 1810 Sampling Date: 10-17-00

Sample I.D.: AS-1 Laboratory: Sequoia Columbia Other_____

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: Nitrate, Sulfate, Motor oil, Ferrous Fe

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:	2.5 mg/L	
O.R.P. (if req'd):	Pre-purge:	-109 mV	Post-purge:	-79 mV	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001017-S1	Site: # 2885249
Sampler: Steve	Date: 10/22/00
Well I.D.: AS-2	Well Diameter: 2 3 4 6 8 1
Total Well Depth: 14.90	Depth to Water: 5.50
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: P/a

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

0.3 (Gals.) X 3 = 0.9 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1223	68.7	6.9	29.61 MS	7200	.30	Turbid /odor
1224	68.1	7.0	29.72 MS	7200	.60	"
1225	67.9	7.0	30.49 MS	7200	.90	"

Did well dewater? Yes (No)	Gallons actually evacuated: 0.9
Sampling Time: 1230	Sampling Date: 10/22/00
Sample I.D.: AS-2	Laboratory: (Sequoia) Columbia Other______
Analyzed for: (TPH-G BTEX MTBE TPH-D)	Other: Mot 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: 3.1 mg/L	Post-purge: 3.0 mg/L
O.R.P. (if req'd): Pre-purge: -65 mV	Post-purge: -69 mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 501017-SL	Site: II 9899-5749
Sampler: Steph	Date: 10/17/00
Well I.D.: AS-3	Well Diameter: 2 3 4 6 8 1
Total Well Depth: 14.56	Depth to Water: 6.18
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: Pin

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

.35 (Gals.) X 3 = 1.04 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1553	70.4	7.5	8125	7200	.35	Turb'd
1554	70.2	7.6	8146	7200	.70	"
1555	70.1	7.5	8134	7200	1.04	"

Did well dewater? Yes (No) Gallons actually evacuated: 1.04

Sampling Time: 1600 Sampling Date: 10/17/00

Sample I.D.: AS-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:	3.1 mg/L	~~Post-purge~~:	2.0 mg/L
O.R.P. (if req'd):	Pre-purge:	26 mV	~~Post-purge~~:	29 mV

WELL GAUGING DATA

Project # 000926-T1 Date 9-26-00 Client 204-5508-5504

Site 285 Hagenberger Rd., Oakland, CA

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)	
VEW-5	4					2.91	9.61		
AS-1	1					6.67	14.70		
VEW-6	4					2.94	9.85		
AS-2	1					5.38	14.83		
VEW-7	4					3.59	9.70		
AS-3	1					5.75	14.77		

WELL DEVELOPMENT DATA SHEET

Project #: 000926-T1	Client: 204-5508-5504
Developer: MT	Date Developed: 9/26
Well I.D. ~~AS-2~~ VEW-5	Well Diameter: (circle one) 2 3 (4) 6 ~~8~~
Total Well Depth: Before ~~4.83~~ 9.16 After 9.75	Depth to Water: Before ~~5.38~~ 2.91 After
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	~~0.16~~
~~3"~~	=	0.37
~~4"~~	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

~~1 = 0.04~~ — Compensate for 1" well (AS-1)

1 Case Volume	X	Specified Volumes	=	gallons
~~.38~~ 2.5	X	10	=	~~3.8~~ 25

Purging Device: Bailer ☐ Middleburg ☐ Electric Submersible ☐ *5/8 Tube w/ check valve Suction Pump ☐ *Middleburg

Type of Installed Pump ______ *Surged for 10 min in circular
Other equipment used ______ motion around 1" casing

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
1115	72.4	7.1	2721	7200	~~.1~~2.5	Odor, Black, silt
1119	72.7	7.1	2213	175	~~.3~~5	", clearing up
1123	72.7	7.1	2200	112	7.5	", "
1128	73.0	7.0	2289	141	9	", "
1133	73.2	7.0	2312	130	11.5	Switched to Middleburg
1138	74.7	7.1	1907	100	14	Odor, Yellowish
1143	74.0	7.1	1877	91	16.5	", "
1148	73.6	7.1	1860	89	19	", "
1153	73.7	7.1	1821	88	21.5	", "
1156	73.6	7.1	1812	86	25	", "
						Hard Bottom

Did Well Dewater? NO If yes, note above. Gallons Actually Evacuated: 25

WELL DEVELOPMENT DATA SHEET

Project #: 609126-T1	Client: 204-5508-5504
Developer: MT	Date Developed: 9/26
Well I.D. AS-2	Well Diameter: (circle one) 2 3 4 6 (1)
Total Well Depth:	Depth to Water:
Before 14.93 After 14.97	Before 5.38 After 13.80
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1 = 0.04

.38	X	10		3.8
1 Case Volume		Specified Volumes	=	gallons

Purging Device: Bailer ☐ Electric Submersible ☐ 5/8 Tube w/check valve
Middleburg ☐ Suction Pump ☐

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
0940	67.6	6.7	28,820	108	.4	Slight odor, Black
0941	67.4	6.7	29,000	115	.8	" "
0942	67.2	6.7	32,700	110	1.2	" "
0943	67.4	6.7	34,850	121	1.6	" "
0944	67.7	6.7	35,380	100	2.0	" clearing up, Grey
0945	66.2	6.7	35,800	97	2.4	" " "
0946	66.6	6.6	36,120	93	2.8	" " "
0947	66.8	6.7	37,800	82	3.2	" " "
0948	67.0	6.7	38,490	70	3.6	" Grey
0949	67.1	6.7	39,100	63	4	" " hard bottom

Did Well Dewater? NO If yes, note above. Gallons Actually Evacuated: 4

WELL DEVELOPMENT DATA SHEET

Project #: 000926-T1	Client: 204-5508-5504
Developer: MT	Date Developed: 9/21/10
Well I.D. VEW-7	Well Diameter: (circle one) 2 ~~3~~ (4) 6
Total Well Depth:	Depth to Water:
Before 9.70 After 9.71	Before 3.59 After 6.89
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
$\{12 \times (d^2/4) \times \pi\} / 231$
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

Due to 1" (AS) well. Compensated

1 Case Volume	X	Specified Volumes	=	gallons
2.3		10		23

Purging Device: Bailer ☐ Middleburg ☐ Electric Submersible ☐ Suction Pump ☐

Started w/ 5/8" Tube & check valve, switched to middleburg pump.

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
*	Sumbbed w/ 1"		Sumbo moving it		around, counter clock wise the	
	1"	well AS-3 for		10min	Started w/ 5/8 Tube & Check Valve	
0852	72.5	7.0	5470	103	2.3	Removing some silt,
0855	72.7	7.0	4700	121	4.6	odor, clearing up
0858	73.2	7.0	4690	117	6.9	" " "
0901	73.8	6.9	4675	105	9.2	" " "
0904	72.6				11.5	" " "
0905	Switched to Middleburg					
0910	72.0	6.9	4416	96	13.75	odor,
0915	71.9	6.9	4420	81	16	"
0920	71.8	6.8	4391	77	18.5	"
0925	71.9	6.8	4312	73	20.75	"
0930	71.7	6.7	4360	70	23	Hard bottom, odor

Did Well Dewater? NO If yes, note above. Gallons Actually Evacuated: 23

WELL DEVELOPMENT DATA SHEET

Project #: 000926-T1	Client: 204-5508-5504
Developer: VTI	Date Developed: 9/26
Well I.D. AS-3	Well Diameter: (circle one) 2 3 4 6 (1)
Total Well Depth:	Depth to Water:
Before 14.77 After 14.77	Before 5.75 After 7.12
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1" = 0.04

1 Case Volume	X	Specified Volumes	=	gallons
~~3.4~~ 0.36	X	10	=	~~36.0~~ 3.6

Purging Device:
Bailer ☐ Middleburg ☐ Electric Submersible ☐ Suction Pump ☐ 5/8 Tube w/check val

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
	USED	5/8 tube w/ check valve to Develop				
0829	70.3	7.0	9067	106	3.4	Odor, Black
0830	69.9	7.1	9033	99	3.8	" , "
0831	69.4	7.2	9020	96	1.2	" , Clearing up
0832	69.3	7.2	9015	91	1.6	" , Grey
0833	69.0	7.2	9198	87	2	" , "
0834	68.8	7.2	9290	83	2.4	" , "
0835	68.6	7.2	9400	81	2.8	" , "
0836	68.4	7.2	~~9452~~	73	3.2	" , "
0837	68.4	7.3	9489	70	3.6	" , "
0838	68.4	7.3	9491	77	4	" , " , hard bottom

Did Well Dewater? NO If yes, note above.
Gallons Actually Evacuated: 4