

C A M B R I A

July 7, 2000

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

Re: **First Quarter 2000 Monitoring Report**
Shell-branded Service Station
6039 College Avenue
Oakland, California
Incident #98995745
Cambria Project #242-0503-002



Dear Mr. Seery:

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.

FIRST QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California checked for separate-phase hydrocarbons (SPH), gauged water levels, and calculated groundwater elevations. Blaine emptied the skimmer of approximately 0.35 pounds of SPH and manually bailed an additional 0.96 pounds of SPH from well MW-4. Cambria prepared a groundwater elevation contour map (Figure 1). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

Separate-Phase and Dissolved-Phase Hydrocarbon Removal: Weekly extraction of SPH and dissolved-phase hydrocarbons was initiated at this site in September of 1999. Advanced Cleanup Technologies, Inc. of Benicia, California extracted SPH and groundwater from wells MW-3 and MW-4 with a vacuum truck between September 22 and November 10, 1999. Beginning on November 10, 1999, Blaine took over the weekly purging events as the volume of groundwater and SPH removed each week was not sufficient to warrant a vacuum tank truck. Field data collected from weekly vacuum truck operations and Blaine's purging activities is included in Table 1.

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

**Cambria
Environmental
Technology, Inc.**

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

ANTICIPATED SECOND QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine will measure and remove detected SPH, gauge all wells, sample selected site wells if no SPH are present, and tabulate the data. Cambria will prepare a monitoring report.

Separate- and Dissolved-Phase Hydrocarbon Removal: Blaine will continue to conduct weekly extraction of SPH and dissolved-phase hydrocarbons through the second quarter of 2000.




Vacuum Extraction Test: Cambria will conduct a vapor extraction test (VET) from wells MW-3 and MW-4 during the third quarter of 2000. The objective of the VET is to determine the feasibility of vapor extraction for additional hydrocarbon removal at this site. VET procedures and results will be presented in a forthcoming report.


CLOSING

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

Sincerely,
Cambria Environmental Technology, Inc



Darryk Ataide, REA I
Project Manager



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

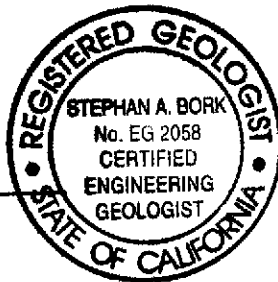


Figure: 1 - Groundwater Elevation Contour Map

Table: 1 - Mass Removal Data

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
Montrose Investment Co. c/o Shell Oil Co., P.O. Box 2099, Houston, TX 77252
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EXPLANATION

MW-1  Monitoring well location

T-1  Tank backfill well

BH-A  Soil boring installed 9/93


 Groundwater flow direction

 **XX.XX** Groundwater elevation contour, in feet above mean sea level (msl) approximately located; dashed where inferred

SPH Separate-phase hydrocarbons present

 Well designation

 Groundwater elevation, in feet above msl

 Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8020; date is most recent sampling unless otherwise noted.



FLORIO STREET

commercial properties

residential and commercial properties

approximate 1940 pump island and tank locations

approximate 1957 pump island and tank locations

approximate 1940 and 1957 waste oil tank locations

G:\OAKLAND\6039COLLEGE\FIGURE\1\0M00-MP.AI

MW-6
177.05
0.500
2.50

MW-3
179.67
1,000
19,300

MW-2
180.17
0.50 - 2/20/97
2.5 - 2/29/97

MW-4
178.55
905
27,400

MW-5
177.93
0.500
2.50

MW-1
180.80
0.50 - 2/20/97
2.5 - 2/20/97

CLAREMONT AVENUE
COLLEGE AVENUE



FIGURE
1

07/07/00

Shell-branded Service Station
6039 College Avenue
Oakland, California
Incident #98995745



CAMBRIA

Groundwater Elevation Contour Map

February 11, 2000

Table 1: Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California

Date Purged	Well ID	Cumulative		Date Sampled	TPPH			Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
		Volume Pumped (gal)	Volume Pumped (gal)		TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)						
09/22/99	MW-3	115	115	08/31/99	1,550	0.00149	0.00149	232	0.00022	0.00022	4,620	0.00443	0.00443
10/06/99	MW-3	40	155	08/31/99	1,550	0.00052	0.00200	232	0.00008	0.00030	4,620	0.00154	0.00598
10/14/99	MW-3	50	205	08/31/99	1,550	0.00065	0.00265	232	0.00010	0.00040	4,620	0.00193	0.00790
10/18/99	MW-3	30	235	08/31/99	1,550	0.00039	0.00304	232	0.00006	0.00045	4,620	0.00116	0.00906
10/29/99	MW-3	30	265	08/31/99	1,550	0.00039	0.00343	232	0.00006	0.00051	4,620	0.00116	0.01022
11/03/99	MW-3	30	295	08/31/99	1,550	0.00039	0.00382	232	0.00006	0.00057	4,620	0.00116	0.01137
11/10/99	MW-3	30	325	08/31/99	1,550	0.00039	0.00420	232	0.00006	0.00063	4,620	0.00116	0.01253
11/19/99	MW-3	169	494	08/31/99	1,550	0.00219	0.00639	232	0.00033	0.00096	4,620	0.00652	0.01904
11/24/99	MW-3	160	654	08/31/99	1,550	0.00207	0.00846	232	0.00031	0.00127	4,620	0.00617	0.02521
12/02/99	MW-3	200	854	08/31/99	1,550	0.00259	0.01105	232	0.00039	0.00165	4,620	0.00771	0.03292
12/10/99	MW-3	60	914	08/31/99	1,550	0.00078	0.01182	232	0.00012	0.00177	4,620	0.00231	0.03524
12/17/99	MW-3	150	1,064	08/31/99	1,550	0.00194	0.01376	232	0.00029	0.00206	4,620	0.00578	0.04102
01/03/00	MW-3	0	1,064	08/31/99	1,550	0.00000	0.01376	232	0.00000	0.00206	4,620	0.00000	0.04102
01/07/00	MW-3	0	1,064	08/31/99	1,550	0.00000	0.01376	232	0.00000	0.00206	4,620	0.00000	0.04102
01/13/00	MW-3	360	1,424	08/31/99	1,550	0.00466	0.01842	232	0.00070	0.00276	4,620	0.01388	0.05490
01/21/00	MW-3	40	1,464	08/31/99	1,550	0.00052	0.01894	232	0.00008	0.00283	4,620	0.00154	0.05644
01/25/00	MW-3	80	1,544	08/31/99	1,550	0.00103	0.01997	232	0.00015	0.00299	4,620	0.00308	0.05952
02/01/00	MW-3	165	1,709	08/31/99	1,550	0.00213	0.02210	232	0.00032	0.00331	4,620	0.00636	0.06588
02/11/00	MW-3	24	1,733	02/11/00	10,900	0.00218	0.02429	1,030	0.00021	0.00351	19,300	0.00387	0.06975
02/15/00	MW-3	150	1,883	02/11/00	10,900	0.01364	0.03793	1,030	0.00129	0.00480	19,300	0.02416	0.09391
02/23/00	MW-3	100	1,983	02/11/00	10,900	0.00910	0.04703	1,030	0.00086	0.00566	19,300	0.01610	0.11001
03/02/00	MW-3	168	2,151	02/11/00	10,900	0.01528	0.06231	1,030	0.00144	0.00711	19,300	0.02706	0.13707
03/10/00	MW-3	270	2,421	02/11/00	10,900	0.02456	0.08686	1,030	0.00232	0.00943	19,300	0.04348	0.18055
03/15/00	MW-3	96	2,517	02/11/00	10,900	0.00873	0.09559	1,030	0.00083	0.01025	19,300	0.01546	0.19601
03/21/00	MW-3	100	2,617	02/11/00	10,900	0.00910	0.10469	1,030	0.00086	0.01111	19,300	0.01610	0.21211
03/27/00	MW-3	100	2,717	02/11/00	10,900	0.00910	0.11378	1,030	0.00086	0.01197	19,300	0.01610	0.22822
04/07/00	MW-3	160	2,877	02/11/00	10,900	0.01455	0.12834	1,030	0.00138	0.01335	19,300	0.02577	0.25399
04/13/00	MW-3	120	2,997	02/11/00	10,900	0.01091	0.13925	1,030	0.00103	0.01438	19,300	0.01933	0.27331
04/18/00	MW-3	180	3,177	02/11/00	10,900	0.01637	0.15562	1,030	0.00155	0.01593	19,300	0.02899	0.30230

Table 1: Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California

Date Purged	Well ID	Cumulative		Date Sampled	TPPH			Benzene		MTBE		MTBE Removed To Date (pounds)	
		Volume Pumped (gal)	Volume Pumped (gal)		TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)		
04/26/00	MW-3	225	3,402	02/11/00	10,900	0.02046	0.17609	1,030	0.00193	0.01786	19,300	0.03624	0.33853
05/04/00	MW-3	160	3,562	02/11/00	10,900	0.01455	0.19064	1,030	0.00138	0.01923	19,300	0.02577	0.36430
05/09/00	MW-3	180	3,742	02/11/00	10,900	0.01637	0.20701	1,030	0.00155	0.02078	19,300	0.02899	0.39329
05/17/00	MW-3	138	3,880	02/11/00	10,900	0.01255	0.21956	1,030	0.00119	0.02197	19,300	0.02222	0.41551
05/22/00	MW-3	200	4,080	02/11/00	10,900	0.01819	0.23775	1,030	0.00172	0.02369	19,300	0.03221	0.44772
06/01/00	MW-3	120	4,200	02/11/00	10,900	0.01091	0.24867	1,030	0.00103	0.02472	19,300	0.01933	0.46705
06/08/00	MW-3	170	4,370	02/11/00	10,900	0.01546	0.26413	1,030	0.00146	0.02618	19,300	0.02738	0.49443
09/22/99	MW-4	100	100	11/03/97	32,000	0.02670	0.02670	1,100	0.00092	0.00092	78,000	0.06509	0.06509
10/06/99	MW-4	60	160	11/03/97	32,000	0.01602	0.04272	1,100	0.00055	0.00147	78,000	0.03905	0.10414
10/14/99	MW-4	30	190	11/03/97	32,000	0.00801	0.05073	1,100	0.00028	0.00174	78,000	0.01953	0.12366
10/18/99	MW-4	30	220	11/03/97	32,000	0.00801	0.05874	1,100	0.00028	0.00202	78,000	0.01953	0.14319
10/29/99	MW-4	30	250	11/03/97	32,000	0.00801	0.06675	1,100	0.00028	0.00229	78,000	0.01953	0.16271
11/03/99	MW-4	30	280	11/03/97	32,000	0.00801	0.07477	1,100	0.00028	0.00257	78,000	0.01953	0.18224
11/10/99	MW-4	30	310	11/03/97	32,000	0.00801	0.08278	1,100	0.00028	0.00285	78,000	0.01953	0.20177
11/19/99	MW-4	0	310	11/03/97	32,000	0.00000	0.08278	1,100	0.00000	0.00285	78,000	0.00000	0.20177
11/24/99	MW-4	0	310	11/03/97	32,000	0.00000	0.08278	1,100	0.00000	0.00285	78,000	0.00000	0.20177
12/02/99	MW-4	0	310	11/03/97	32,000	0.00000	0.08278	1,100	0.00000	0.00285	78,000	0.00000	0.20177
12/10/99	MW-4	0	310	11/03/97	32,000	0.00000	0.08278	1,100	0.00000	0.00285	78,000	0.00000	0.20177
12/17/99	MW-4	0	310	11/03/97	32,000	0.00000	0.08278	1,100	0.00000	0.00285	78,000	0.00000	0.20177
01/03/00	MW-4	0	310	11/03/97	32,000	0.00000	0.08278	1,100	0.00000	0.00285	78,000	0.00000	0.20177
01/07/00	MW-4	0	310	11/03/97	32,000	0.00000	0.08278	1,100	0.00000	0.00285	78,000	0.00000	0.20177
01/13/00	MW-4	350	660	11/03/97	32,000	0.09346	0.17623	1,100	0.00321	0.00606	78,000	0.22780	0.42957
01/21/00	MW-4	40	700	11/03/97	32,000	0.01068	0.18691	1,100	0.00037	0.00643	78,000	0.02603	0.45560
01/25/00	MW-4	100	800	11/03/97	32,000	0.02670	0.21362	1,100	0.00092	0.00734	78,000	0.06509	0.52069
02/01/00	MW-4	165	965	11/03/97	32,000	0.04406	0.25767	1,100	0.00151	0.00886	78,000	0.10739	0.62808
02/11/00	MW-4	19	984	02/11/00	47,200	0.00748	0.26516	905	0.00014	0.00900	27,400	0.00434	0.63242
02/15/00	MW-4	100	1,084	02/11/00	47,200	0.03939	0.30454	905	0.00076	0.00976	27,400	0.02286	0.65529
02/23/00	MW-4	100	1,184	02/11/00	47,200	0.03939	0.34393	905	0.00076	0.01051	27,400	0.02286	0.67815

Table 1: Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene	MTBE	MTBE	MTBE
										Removed To Date (pounds)	Removed To Date (pounds)	Concentration (ppb)	Removed (pounds)
03/02/00	MW-4	270	1,454	02/11/00	47,200	0.10634	0.45027	905	0.00204	0.01255	27,400	0.06173	0.73988
03/10/00	MW-4	220	1,674	02/11/00	47,200	0.08665	0.53692	905	0.00166	0.01421	27,400	0.05030	0.79018
03/15/00	MW-4	96	1,770	02/11/00	47,200	0.03781	0.57473	905	0.00072	0.01494	27,400	0.02195	0.81213
03/21/00	MW-4	100	1,870	02/11/00	47,200	0.03939	0.61411	905	0.00076	0.01569	27,400	0.02286	0.83499
03/27/00	MW-4	100	1,970	02/11/00	47,200	0.03939	0.65350	905	0.00076	0.01645	27,400	0.02286	0.85786
04/07/00	MW-4	113	2,083	02/11/00	47,200	0.04451	0.69800	905	0.00085	0.01730	27,400	0.02584	0.88369
04/13/00	MW-4	110	2,193	02/11/00	47,200	0.04332	0.74133	905	0.00083	0.01813	27,400	0.02515	0.90884
04/18/00	MW-4	225	2,418	02/11/00	47,200	0.08862	0.82994	905	0.00170	0.01983	27,400	0.05144	0.96029
04/26/00	MW-4	315	2,733	02/11/00	47,200	0.12406	0.95401	905	0.00238	0.02221	27,400	0.07202	1.03231
05/04/00	MW-4	150	2,883	02/11/00	47,200	0.05908	1.01308	905	0.00113	0.02334	27,400	0.03430	1.06660
05/09/00	MW-4	315	3,198	02/11/00	47,200	0.12406	1.13715	905	0.00238	0.02572	27,400	0.07202	1.13862
05/17/00	MW-4	270	3,468	02/11/00	47,200	0.10634	1.24349	905	0.00204	0.02776	27,400	0.06173	1.20035
05/22/00	MW-4	200	3,668	02/11/00	47,200	0.07877	1.32226	905	0.00151	0.02927	27,400	0.04573	1.24608
06/05/00	MW-4	125	3,793	02/11/00	47,200	0.04923	1.37149	905	0.00094	0.03021	27,400	0.02858	1.27466
06/08/00	MW-4	170	3,963	02/11/00	47,200	0.06696	1.43845	905	0.00128	0.03150	27,400	0.03887	1.31353
Total Gallons Extracted:		8,333											
Total Pounds Removed:						1.70258			0.05768			1.80796	
Total Gallons Removed:						0.27911			0.00790			0.29161	

Abbreviations & Notes:

TPPH = Total purgeable hydrocarbons as gasoline

MtBE = Methyl tert-butyl ether

µg/L = Micrograms per liter

ppb = Parts per billion, equivalent to µg/L

L = Liter

gal = Gallon

g = Gram

Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10⁶µg) x (pound/453.6g) x (3.785 L/gal)

Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)

Table 1: Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative	Date Sampled	TPPH	TPPH	TPPH	Benzene	Benzene	Benzene	MTBE	MTBE	MTBE
			Volume Pumped (gal)		Concentration (ppb)	Removed (pounds)	Removed To Date (pounds)	Concentration (ppb)	Removed (pounds)	Removed To Date (pounds)	Concentration (ppb)	Removed (pounds)	Removed To Date (pounds)

TPPH, benzene analyzed by EPA Method 8015/8020

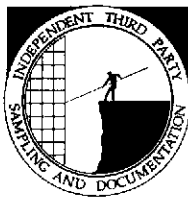
MTBE analyzed by EPA Method 8260 in bold font, all other MTBE analyzed by EPA Method 8020

Groundwater extracted by vacuum trucks provided by ACTI between September 22, 1999 and November 10, 1999, and by Blaine Tech Services thereafter. Water disposed of at a Martinez refinery.

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

April 21, 2000

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

First Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
6039 College Avenue
Oakland, CA

Monitoring performed on February 11, 2000

Groundwater Monitoring Report 000211-T-2

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, appropriate 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,

A handwritten signature in black ink, appearing to read "Deidre Kerwin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Deidre Kerwin
Operations Manager

DK/jt

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

cc: Anni Kreml
Cambria Environmental Technologies, Inc.
1144 65th Street, Suite C
Oakland, CA 94608

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA
Wic #204-5508-3301

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.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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MW-1	02/15/1990	95	650	ND	0.67	0.37	3.2	NA	NA	195.89	17.73	NA	178.16	NA	NA
MW-1	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.51	NA	177.38	NA	NA
MW-1	05/14/1990	95	ND	0.7	0.57	0.71	3.5	NA	NA	195.89	18.92	NA	176.97	NA	NA
MW-1	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.21	NA	177.68	NA	NA
MW-1	09/12/1990	ND	84	ND	ND	ND	ND	NA	NA	195.89	19.81	NA	176.08	NA	NA
MW-1	11/27/1990	NA	NA	NA	NA	NA	NA	NA	NA	195.89	20.39	NA	175.50	NA	NA
MW-1	03/08/1991	ND	50	ND	ND	ND	ND	NA	NA	195.89	16.85	NA	179.04	NA	NA
MW-1	06/03/1991	ND	ND	ND	ND	ND	ND	NA	NA	195.89	17.82	NA	178.07	NA	NA
MW-1	08/30/1991	16.85	520	ND	ND	ND	ND	NA	NA	195.89	19.87	NA	176.02	NA	NA
MW-1	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	20.58	NA	175.31	NA	NA
MW-1	03/18/1992	<30	<50	<0.3	<0.3	<0.3	<0.3	NA	NA	195.89	13.55	NA	182.34	NA	NA
MW-1	05/28/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	17.08	NA	178.81	NA	NA
MW-1	08/19/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	19.07	NA	176.82	NA	NA
MW-1	11/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	20.11	NA	175.78	NA	NA
MW-1	02/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	12.10	NA	183.79	NA	NA
MW-1	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	14.87	NA	181.02	NA	NA
MW-1	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	16.90	NA	178.99	NA	NA
MW-1	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	19.72	NA	176.17	NA	NA
MW-1	02/28/1994	<50	NA	<0.5	<0.5	<0.5	1.7	NA	NA	195.89	15.08	NA	180.81	NA	NA
MW-1	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	17.20	NA	178.69	NA	NA
MW-1	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	18.76	NA	177.13	NA	NA
MW-1	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	16.00	NA	179.89	NA	NA
MW-1	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	10.18	NA	185.71	NA	NA
MW-1	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	11.88	NA	184.01	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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MW-1	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	15.60	NA	180.29	NA	NA
MW-1	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	18.24	NA	177.65	NA	NA
MW-1	02/24/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	195.89	9.88	NA	186.01	NA	NA
MW-1	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	195.89	12.24	NA	183.65	NA	NA
MW-1	08/19/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	195.89	15.86	NA	180.03	NA	NA
MW-1	12/05/1996	160	NA	7.3	8.2	5.5	23	<2.5	NA	195.89	16.21	NA	179.68	NA	NA
MW-1	01/08/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	195.89	9.73	NA	186.16	NA	NA
MW-1	02/20/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	195.89	11.60	NA	184.29	NA	NA
MW-1	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.02	NA	180.87	NA	NA
MW-1	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.20	NA	178.69	NA	NA
MW-1	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.02	NA	179.87	NA	NA
MW-1	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	195.89	9.35	NA	186.54	NA	NA
MW-1	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	195.89	11.75	NA	184.14	NA	NA
MW-1	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	195.89	13.32	NA	182.57	NA	NA
MW-1	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.01	NA	181.88	NA	NA
MW-1	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.62	NA	180.27	NA	NA
MW-1	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.72	NA	181.17	NA	NA
MW-1	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.00	NA	178.89	NA	NA
MW-1	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.36	NA	177.53	NA	NA
MW-1	02/15/1990	ND	560	ND	ND	ND	ND	NA	NA	194.27	16.90	NA	177.37	NA	NA

MW-2	02/15/1990	ND	560	ND	ND	ND	ND	NA	NA	194.27	16.90	NA	177.37	NA	NA
MW-2	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.69	NA	176.58	NA	NA
MW-2	05/14/1990	ND	ND	ND	ND	ND	ND	NA	NA	194.27	18.01	NA	176.26	NA	NA
MW-2	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.39	NA	176.88	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
MW-2	09/12/1990	ND	ND	ND	ND	ND	ND	NA	NA	194.27	19.00	NA	175.27	NA	NA
MW-2	11/27/1990	ND	ND	ND	ND	ND	ND	NA	NA	194.27	19.44	NA	174.83	NA	NA
MW-2	03/08/1991	ND	ND	ND	ND	ND	ND	NA	NA	194.27	15.96	NA	178.31	NA	NA
MW-2	06/03/1991	ND	ND	ND	ND	ND	ND	NA	NA	194.27	17.00	NA	177.27	NA	NA
MW-2	08/30/1991	ND	ND	ND	ND	ND	ND	NA	NA	194.27	18.95	NA	175.32	NA	NA
MW-2	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	19.55	NA	174.72	NA	NA
MW-2	03/18/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	194.27	12.91	NA	181.36	NA	NA
MW-2	05/28/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	16.25	NA	178.02	NA	NA
MW-2	08/19/1992	<50	NA	<0.5	2	1.2	1.9	NA	NA	194.27	18.21	NA	176.06	NA	NA
MW-2	11/17/1992	<50	NA	<0.5	2	1.2	1.9	NA	NA	194.27	19.15	NA	175.12	NA	NA
MW-2	02/12/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	11.60	NA	182.67	NA	NA
MW-2	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	14.14	NA	180.13	NA	NA
MW-2	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	16.10	NA	178.17	NA	NA
MW-2	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	18.77	NA	175.50	NA	NA
MW-2	02/28/1994	<50	NA	<0.5	<0.5	<0.5	1.6	NA	NA	194.27	14.35	NA	179.92	NA	NA
MW-2	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	16.34	NA	177.93	NA	NA
MW-2	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	15.79	NA	178.48	NA	NA
MW-2	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	15.04	NA	179.23	NA	NA
MW-2	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	10.08	NA	184.19	NA	NA
MW-2	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	11.68	NA	182.59	NA	NA
MW-2	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	14.94	NA	179.33	NA	NA
MW-2	11/10/1995	<50	NA	1.7	0.8	1.4	4.9	NA	NA	194.27	13.36	NA	180.91	NA	NA
MW-2	02/24/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	194.27	9.90	NA	184.37	NA	NA
MW-2	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	194.27	11.80	NA	182.47	NA	NA
MW-2	08/19/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	194.27	15.08	NA	179.19	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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MW-2	12/05/1996	<50	NA	1.5	1.6	1.2	5.2	<2.5	NA	194.27	15.16	NA	179.11	NA	NA
MW-2	01/08/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	194.27	9.76	NA	184.51	NA	NA
MW-2	02/20/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	194.27	11.47	NA	182.80	NA	NA
MW-2	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.30	NA	179.97	NA	NA
MW-2	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.33	NA	177.94	NA	NA
MW-2	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.54	NA	178.73	NA	NA
MW-2	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	194.27	9.43	NA	184.84	NA	NA
MW-2	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.45	NA	182.82	NA	NA
MW-2	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	194.27	12.71	NA	181.56	NA	NA
MW-2	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.98	NA	180.29	NA	NA
MW-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.01	NA	179.26	NA	NA
MW-2	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.93	NA	180.34	NA	NA
MW-2	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.22	NA	178.05	NA	NA
MW-2	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.58	NA	176.69	NA	NA
MW-2	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.58	NA	176.69	NA	NA

MW-3	02/15/1990	4,700	3,100	320	29	110	33	NA	NA	192.52	15.81	NA	176.71	NA	NA
MW-3	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.57	NA	175.95	NA	NA
MW-3	05/14/1990	1,400	60	130	8.6	40	17	NA	NA	192.52	16.97	NA	175.55	NA	NA
MW-3	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.27	NA	176.25	NA	NA
MW-3	09/12/1990	2,000	1,500	58	5.8	16	15	NA	NA	192.52	18.78	NA	173.74	NA	NA
MW-3	11/27/1990	540	240	18	1.5	8.7	2.5	NA	NA	192.52	18.27	NA	174.25	NA	NA
MW-3	03/08/1991	3,400	2,100	630	33	270	18	NA	NA	192.52	14.86	NA	177.66	NA	NA
MW-3	06/03/1991	1,700	690a	260	13	98	24	NA	NA	192.52	15.84	NA	176.68	NA	NA
MW-3	08/30/1991	870	370a	44	6.1	10	2.9	NA	NA	192.52	17.79	NA	174.73	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
MW-3	11/22/1991	310	140	18	1.2	3.3	2.9	NA	NA	192.52	18.40	NA	174.12	NA	NA
MW-3	03/18/1992	67,100	1,900	620	28	220	38	NA	NA	192.52	12.03	NA	180.49	NA	NA
MW-3	05/28/1992	2,300	1,100a	200	9	71	17	NA	NA	192.52	15.16	NA	177.36	NA	NA
MW-3	08/19/1992	5,700	1,000a	71	77	52	130	NA	NA	192.52	17.03	NA	175.49	NA	NA
MW-3	11/17/1992	3,600	160a	16	8.6	24	50	NA	NA	192.52	17.94	NA	174.58	NA	NA
MW-3	02/12/1993	4,700	560a	820	58	130	77	NA	NA	192.52	9.16	NA	183.36	NA	NA
MW-3	06/10/1993	2,200	NA	310	23	89	23	NA	NA	192.52	13.20	NA	179.32	NA	NA
MW-3	08/18/1993	260	NA	27	2	7	2.2	NA	NA	192.52	14.93	NA	177.59	NA	NA
MW-3	11/19/1993	1,500a	NA	24	54	37	17	NA	NA	192.52	17.58	NA	174.94	NA	NA
MW-3	02/28/1994	2,700	NA	65	5.2	16	6.3	NA	NA	192.52	13.30	NA	179.22	NA	NA
MW-3	05/04/1994	780	NA	120	7.5	21	6.9	NA	NA	192.52	15.25	NA	177.27	NA	NA
MW-3	08/10/1994	920	NA	20	2.3	3	2.2	NA	NA	192.52	16.63	NA	175.89	NA	NA
MW-3	11/08/1994	1,300	NA	180	16	7	12	NA	NA	192.52	13.88	NA	178.64	NA	NA
MW-3	02/01/1995	1,400	NA	210	8.5	11	8.7	NA	NA	192.52	9.25	NA	183.27	NA	NA
MW-3	05/10/1995	460	NA	97	10	1	19	NA	NA	192.52	10.76	NA	181.74	NA	NA
MW-3	08/24/1995	640	NA	68	21	14	19	NA	NA	192.52	13.90	NA	178.62	NA	NA
MW-3	11/10/1995	350	NA	15	2.3	1.2	2.5	NA	NA	192.52	16.20	NA	176.32	NA	NA
MW-3	02/24/1996	3,300	NA	240	53	38	55	NA	NA	192.52	8.93	NA	183.59	NA	NA
MW-3	05/22/1996	1,300	NA	110	15	<10	<10	3,500	NA	192.52	10.86	NA	181.66	NA	NA
MW-3	08/19/1996	350	NA	15	3.3	3.4	3.3	340	NA	192.52	13.97	NA	178.55	NA	NA
MW-3	12/05/1996	290	NA	12	7.6	5.4	16	370	NA	192.52	14.06	NA	178.46	NA	NA
MW-3	02/20/1997	980	NA	69	7.9	14	15	3,200	NA	192.52	10.60	NA	181.92	NA	NA
MW-3	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.26	NA	179.26	NA	NA
MW-3	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.21	NA	177.31	NA	NA
MW-3	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.49	NA	178.03	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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MW-3	01/20/1998	3,100	NA	360	1,000	73	420	59,000	NA	192.52	8.43	NA	184.09	NA	NA
MW-3	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.55	NA	181.97	NA	NA
MW-3	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	192.52	11.80	NA	180.72	NA	NA
MW-3	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	192.52	11.97	NA	180.55	NA	NA
MW-3	02/03/1999	<10,000	NA	840	131	<100	316	27,600	NA	192.52	13.55	NA	178.97	NA	2.3
MW-3	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	192.52	12.90	NA	179.62	NA	NA
MW-3	08/31/1999	1,550	NA	232	<10.0	125	293	4,620	2,460b	192.52	14.99	NA	177.53	NA	3.4
MW-3	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.35	NA	176.17	NA	NA

MW-4	02/15/1990	ND	1,200	ND	ND	ND	ND	NA	NA	193.37	16.73	NA	176.65	0.00	NA
MW-4	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.48	NA	175.89	0.00	NA
MW-4	05/14/1990	650	350	160	7	1.9	3.1	NA	NA	193.37	17.88	NA	175.49	0.00	NA
MW-4	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.18	NA	176.19	0.00	NA
MW-4	09/12/1990	440	260	91	1.1	0.75	0.79	NA	NA	193.37	17.85	NA	175.52	0.00	NA
MW-4	11/27/1990	470	2,400	64	1.2	0.8	2.7	NA	NA	193.37	19.16	NA	174.21	0.00	NA
MW-4	03/08/1991	1,100	2,600	330	3.5	88	5.8	NA	NA	193.37	15.77	NA	177.60	0.00	NA
MW-4	06/03/1991	670	1,100	240	2.3	1.6	2.3	NA	NA	193.37	16.77	NA	176.60	0.00	NA
MW-4	08/30/1991	570	280	64	1.8	0.9	0.9	NA	NA	193.37	18.71	NA	174.66	0.00	NA
MW-4	11/22/1991	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	0.00	NA
MW-4	01/15/1992	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	02/15/1992	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	193.37	13.15	NA	180.41	0.24	NA
MW-4	04/29/1992	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	05/28/1992	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.22	NA	177.25	0.12	NA

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Oakland, CA
Wic #204-5508-3301

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.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
MW-4	08/19/1992	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.05	NA	175.39	0.09	NA
MW-4	11/17/1992	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.89	NA	174.48	NA	NA
MW-4	02/12/1993	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.78	NA	181.59	<0.01	NA
MW-4	06/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.20	NA	179.17	0.02	NA
MW-4	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.95	NA	177.43	0.01	NA
MW-4	11/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.48	NA	174.90	0.01	NA
MW-4	02/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.60	NA	178.77	0.01	NA
MW-4	05/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.15	NA	177.22	<0.01	NA
MW-4	08/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.58	NA	175.81	0.02	NA
MW-4	11/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.05	NA	178.36	0.05	NA
MW-4	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.71	NA	182.69	0.04	NA
MW-4	05/10/1995	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.90	NA	181.52	0.06	NA
MW-4	08/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.97	NA	178.42	0.02	NA
MW-4	11/10/1995	4,700	NA	100	22	23	38	NA	NA	193.37	17.27	NA	176.10	<0.01	NA
MW-4	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.44	NA	182.95	0.03	NA
MW-4	05/22/1996	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.88	NA	181.51	0.03	NA
MW-4	08/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.23	NA	178.16	0.02	NA
MW-4	12/05/1996	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.70	NA	178.69	0.02	NA
MW-4	01/08/1997	<10,000	NA	<100	<100	<100	<100	24,000	NA	193.37	11.60	NA	181.79	0.02	NA
MW-4	02/20/1997	<10,000	NA	490	<100	<100	<100	59,000	NA	193.37	11.91	NA	181.46	0.00	NA
MW-4	05/30/1997	<2,000	NA	72	<20	<20	<20	6,100	NA	193.37	14.68	NA	178.69	0.00	NA
MW-4	08/18/1997	<5,000	NA	150	570	<50	130	31,000	NA	193.37	15.07	NA	178.30	0.00	NA
MW-4	11/03/1997	32,000	NA	1,100	6,100	640	3,600	78,000	NA	193.37	15.87	NA	177.50	0.00	NA
MW-4	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.25	NA	183.62	0.62	NA
MW-4	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.62	NA	181.80	0.06	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA
Wic #204-5508-3301

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.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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MW-4	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	193.37	13.93	NA	179.51	0.09	NA
MW-4	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.07	14.03	179.33	0.04	NA
MW-4	12/09/1998	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.84	15.81	177.55	0.03	NA
MW-4	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.58	15.55	177.81	0.03	NA
MW-4	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.04	14.02	179.35	0.02	NA
MW-4	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.15	16.12	177.24	0.03	NA
MW-4	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.41	17.31	176.04	0.10	NA
MW-4	02/11/2000	47,200	NA	905	<200	479	3,690	27,400	30,300	193.37	12.82	NA	178.55	NA	0.6

MW-5	08/30/1991	ND	80	ND	ND	ND	ND	NA	NA	190.35	16.74	NA	173.61	NA	NA
MW-5	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	17.27	NA	173.08	NA	NA
MW-5	03/18/1992	<30	<50	<0.3	<0.3	<0.3	<0.3	NA	NA	190.35	11.28	NA	179.07	NA	NA
MW-5	05/28/1992	Well Inaccessible		NA	NA	NA	NA	NA	NA	190.35	NA	NA	NA	NA	NA
MW-5	08/19/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	15.99	NA	174.36	NA	NA
MW-5	11/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	16.84	NA	173.51	NA	NA
MW-5	02/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	10.30	NA	180.05	NA	NA
MW-5	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	12.36	NA	177.99	NA	NA
MW-5	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	14.02	NA	176.33	NA	NA
MW-5	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	16.50	NA	173.85	NA	NA
MW-5	02/28/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	12.55	NA	177.80	NA	NA
MW-5	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	14.27	NA	176.08	NA	NA
MW-5	08/10/1994	70a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	15.60	NA	174.75	NA	NA
MW-5	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	12.85	NA	177.50	NA	NA
MW-5	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	8.98	NA	181.37	NA	NA
MW-5	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	10.16	NA	180.19	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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Oakland, CA
Wic #204-5508-3301

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.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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MW-5	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	12.98	NA	177.37	NA	NA
MW-5	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	190.35	15.12	NA	175.23	NA	NA
MW-5	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	190.35	NA	NA	NA	NA	NA
MW-5	05/22/1996	<2,000	NA	<20	<20	<20	<20	9,800	9,800	190.35	10.10	NA	180.25	NA	9,800
MW-5	08/19/1996	<2,500	NA	<25	<25	<25	<25	13,000	13,000	190.35	13.09	NA	177.26	NA	13,000
MW-5	12/05/1996	<500	NA	<5.0	<5.0	<5.0	<5.0	2,800	2,800	190.35	13.31	NA	177.04	NA	2,800
MW-5	02/20/1997	<1,000	NA	<10	<10	<10	<10	5,600	5,600	190.35	9.55	NA	180.80	NA	5,600
MW-5	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.40	NA	177.95	NA	NA
MW-5	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.19	NA	176.16	NA	NA
MW-5	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	190.35	13.66	NA	176.69	NA	NA
MW-5	01/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	1,600	NA	190.35	8.06	NA	182.29	NA	NA
MW-5	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	190.35	9.95	NA	180.40	NA	NA
MW-5	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	190.35	11.10	NA	179.25	NA	NA
MW-5	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.21	NA	178.14	NA	NA
MW-5	02/03/1999	<500	NA	<5.00	<5.00	<5.00	<5.00	2850	NA	190.35	12.99	NA	177.36	NA	2.4
MW-5	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.08	NA	178.27	NA	NA
MW-5	08/31/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	4,260	NA	190.35	14.05	NA	176.30	NA	2.7
MW-5	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.41	NA	174.94	NA	NA
MW-5	02/20/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.60	NA	190.35	12.62	NA	177.95	NA	1.7

MW-6	09/21/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	189.05	14.64	NA	174.41	NA	NA
MW-6	11/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	02/28/1994	98a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	189.05	12.18	NA	176.87	NA	NA
MW-6	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	189.05	13.62	NA	175.43	NA	NA
MW-6	08/10/1994	80a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	189.05	14.98	NA	174.07	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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Oakland, CA
Wic #204-5508-3301

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.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
MW-6	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.20	NA	176.85	NA	NA
MW-6	02/01/1995	120	NA	3.5	21	3.4	22	NA	NA	189.05	8.70	NA	180.35	NA	NA
MW-6	05/10/1995	NA	NA	NA	NA	NA	NA	NA	NA	189.05	9.86	NA	179.19	NA	NA
MW-6	08/24/1995	80	NA	<0.5	<0.5	1.8	2.4	NA	NA	189.05	12.46	NA	176.59	NA	NA
MW-6	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	189.05	14.56	NA	174.49	NA	NA
MW-6	11/10/1995	60	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	189.05	14.56	NA	174.49	NA	NA
MW-6	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	290	NA	189.05	10.23	NA	178.82	NA	NA
MW-6	08/19/1996	<1,250	NA	<12	<12	<12	<12	1,100	NA	189.05	12.61	NA	176.44	NA	NA
MW-6	12/05/1996	<125	NA	<1.2	<1.2	<1.2	<1.2	440	NA	189.05	12.47	NA	176.58	NA	NA
MW-6	02/20/1997	<100	NA	<1.0	<1.0	<1.0	<1.0	480	NA	189.05	9.85	NA	179.20	NA	NA
MW-6	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	189.05	11.96	NA	177.09	NA	NA
MW-6	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.65	NA	175.40	NA	NA
MW-6	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	01/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	340	NA	189.05	7.76	NA	181.29	NA	NA
MW-6	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	189.05	9.85	NA	179.20	NA	NA
MW-6	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	189.05	10.99	NA	178.06	NA	NA
MW-6	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	189.05	11.36	NA	177.69	NA	NA
MW-6	02/03/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	06/04/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	06/22/1999	<5,000	NA	<50.0	<50.0	<50.0	<50.0	2,800	NA	189.05	12.15	NA	176.90	NA	2.1
MW-6	08/31/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	3,390	NA	189.05	13.62	NA	175.43	NA	2.5
MW-6	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.98	NA	174.07	NA	NA
MW-6	02/11/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	189.05	12.00	NA	175.05	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
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Wic #204-5508-3301

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.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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T-1	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA

T-2	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	12/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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Oakland, CA
Wic #204-5508-3301

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.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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BH-A	09/09/1993	4,900	2,900a	18	<5	54	11	NA	NA	NA	16.50	NA	NA	NA	NA
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BH-B	09/09/1993	<50	150	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	15.85	NA	NA	NA	NA
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BH-C	09/10/1993	640a	100	3.5	<0.5	0.6	<0.5	NA	NA	NA	15.80	NA	NA	NA	NA
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BH-D	09/10/1993	24,000a	25,000a	720	86	44	11	NA	NA	NA	14.20	NA	NA	NA	NA
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = parts per billion

ppm = parts per million

msl = Mean sea level

ft = Feet

<n = Below detection limit

NA = Not applicable

ND = Not detected at or above the minimum quantitation limits.

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
Oakland, CA
Wic #204-5508-3301

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.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO (ppm)
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Notes:

a = Chromatogram patterns indicate an unidentified hydrocarbon.

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



March 2, 2000

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

RE: Equiva 6039 College Avenue, Oakland

Dear Nick Sudano

Enclosed are the results of analyses for sample(s) received by the laboratory on February 14, 2000.
If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kayvan Kimyai
Project Manager D.M.

CA ELAP Certificate Number 1210





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-3	MJB0570-01	Water	2/11/00
MW-4	MJB0570-02	Water	2/11/00
MW-5	MJB0570-03	Water	2/11/00
MW-6	MJB0570-04	Water	2/11/00





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
				<u>MJB0570-01</u>			<u>Water</u>	
MW-3								
Purgeable Hydrocarbons	0B24003	2/24/00	2/24/00	DHS LUFT	5000	10900	ug/l	P-01
Benzene	"	"	"	DHS LUFT	50.0	1030	"	
Toluene	"	"	"	DHS LUFT	50.0	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	50.0	308	"	
Xylenes (total)	"	"	"	DHS LUFT	50.0	1000	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	250	19300	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		112	%	
				<u>MJB0570-02</u>			<u>Water</u>	
MW-4								
Purgeable Hydrocarbons	0B24003	2/24/00	2/24/00	DHS LUFT	20000	47200	ug/l	P-04
Benzene	"	"	"	DHS LUFT	200	905	"	
Toluene	"	"	"	DHS LUFT	200	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	200	479	"	
Xylenes (total)	"	"	"	DHS LUFT	200	3690	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	1000	27400	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		102	%	
				<u>MJB0570-03</u>			<u>Water</u>	
MW-5								
Purgeable Hydrocarbons	0B24003	2/24/00	2/24/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		102	%	
				<u>MJB0570-04</u>			<u>Water</u>	
MW-6								
Purgeable Hydrocarbons	0B24003	2/24/00	2/24/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		99.5	%	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Semivolatile Organic Compounds by EPA Method 8270B
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-3				MJB0570-01			Water	
Acenaphthene	0B18052	2/18/00	2/28/00	EPA 8270B	5.00	ND	ug/l	
Acenaphthylene	"	"	"	EPA 8270B	5.00	ND	"	
Anthracene	"	"	"	EPA 8270B	5.00	ND	"	
Benzoic acid	"	"	"	EPA 8270B	10.0	ND	"	
Benzo (a) anthracene	"	"	"	EPA 8270B	5.00	ND	"	
Benzo (b) fluoranthene	"	"	"	EPA 8270B	5.00	ND	"	
Benzo (k) fluoranthene	"	"	"	EPA 8270B	5.00	ND	"	
Benzo (ghi) perylene	"	"	"	EPA 8270B	5.00	ND	"	
Benzo[a]pyrene	"	"	"	EPA 8270B	5.00	ND	"	
Benzyl alcohol	"	"	"	EPA 8270B	5.00	ND	"	
Bis(2-chloroethoxy)methane	"	"	"	EPA 8270B	5.00	ND	"	
Bis(2-chloroethyl)ether	"	"	"	EPA 8270B	5.00	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"	EPA 8270B	5.00	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"	EPA 8270B	10.0	20.9	"	
4-Bromophenyl phenyl ether	"	"	"	EPA 8270B	5.00	ND	"	
Butyl benzyl phthalate	"	"	"	EPA 8270B	5.00	ND	"	
4-Chloroaniline	"	"	"	EPA 8270B	10.0	ND	"	
2-Chloronaphthalene	"	"	"	EPA 8270B	5.00	ND	"	
4-Chloro-3-methylphenol	"	"	"	EPA 8270B	5.00	ND	"	
2-Chlorophenol	"	"	"	EPA 8270B	5.00	ND	"	
4-Chlorophenyl phenyl ether	"	"	"	EPA 8270B	5.00	ND	"	
Chrysene	"	"	"	EPA 8270B	5.00	ND	"	
Dibenz (a,h) anthracene	"	"	"	EPA 8270B	5.00	ND	"	
Dibenzofuran	"	"	"	EPA 8270B	5.00	ND	"	
Di-n-butyl phthalate	"	"	"	EPA 8270B	10.0	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
3,3'-Dichlorobenzidine	"	"	"	EPA 8270B	10.0	ND	"	
2,4-Dichlorophenol	"	"	"	EPA 8270B	5.00	ND	"	
Diethyl phthalate	"	"	"	EPA 8270B	5.00	ND	"	
2,4-Dimethylphenol	"	"	"	EPA 8270B	5.00	ND	"	
Dimethyl phthalate	"	"	"	EPA 8270B	5.00	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"	EPA 8270B	10.0	ND	"	
2,4-Dinitrophenol	"	"	"	EPA 8270B	10.0	ND	"	
2,4-Dinitrotoluene	"	"	"	EPA 8270B	5.00	ND	"	
2,6-Dinitrotoluene	"	"	"	EPA 8270B	5.00	ND	"	
Di-n-octyl phthalate	"	"	"	EPA 8270B	5.00	ND	"	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Semivolatile Organic Compounds by EPA Method 8270B
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-3 (continued)				MJB0570-01			Water	
Fluoranthene	0B18052	2/18/00	2/28/00	EPA 8270B	5.00	ND	ug/l	
Fluorene	"	"	"	EPA 8270B	5.00	ND	"	
Hexachlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8270B	5.00	ND	"	
Hexachlorocyclopentadiene	"	"	"	EPA 8270B	10.0	ND	"	
Hexachloroethane	"	"	"	EPA 8270B	5.00	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"	EPA 8270B	5.00	ND	"	
Isophorone	"	"	"	EPA 8270B	5.00	ND	"	
2-Methylnaphthalene	"	"	"	EPA 8270B	5.00	8.42	"	
2-Methylphenol	"	"	"	EPA 8270B	5.00	ND	"	
4-Methylphenol	"	"	"	EPA 8270B	5.00	8.22	"	
Naphthalene	"	"	"	EPA 8270B	5.00	52.1	"	
2-Nitroaniline	"	"	"	EPA 8270B	10.0	ND	"	
3-Nitroaniline	"	"	"	EPA 8270B	10.0	ND	"	
4-Nitroaniline	"	"	"	EPA 8270B	10.0	ND	"	
Nitrobenzene	"	"	"	EPA 8270B	5.00	ND	"	
2-Nitrophenol	"	"	"	EPA 8270B	5.00	ND	"	
4-Nitrophenol	"	"	"	EPA 8270B	10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"	EPA 8270B	5.00	ND	"	
N-Nitrosodi-n-propylamine	"	"	"	EPA 8270B	5.00	ND	"	
Pentachlorophenol	"	"	"	EPA 8270B	10.0	ND	"	
Phenanthrene	"	"	"	EPA 8270B	5.00	ND	"	
Phenol	"	"	"	EPA 8270B	5.00	26.3	"	
Pyrene	"	"	"	EPA 8270B	5.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
2,4,5-Trichlorophenol	"	"	"	EPA 8270B	10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"	EPA 8270B	5.00	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	21-110		51.0	%	
Surrogate: Phenol-d6	"	"	"	10-110		38.0	"	
Surrogate: Nitrobenzene-d5	"	"	"	35-114		79.0	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	43-116		93.0	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	10-123		99.0	"	
Surrogate: p-Terphenyl-d14	"	"	"	33-141		72.0	"	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Semivolatile Organic Compounds by EPA Method 8270B
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-4				MJB0570-02			Water	
Acenaphthene	0B18052	2/18/00	2/28/00	EPA 8270B	5.00	ND	ug/l	
Acenaphthylene	"	"	"	EPA 8270B	5.00	ND	"	
Anthracene	"	"	"	EPA 8270B	5.00	ND	"	
Benzoic acid	"	"	"	EPA 8270B	10.0	ND	"	
Benzo (a) anthracene	"	"	"	EPA 8270B	5.00	ND	"	
Benzo (b) fluoranthene	"	"	"	EPA 8270B	5.00	ND	"	
Benzo (k) fluoranthene	"	"	"	EPA 8270B	5.00	ND	"	
Benzo (ghi) perylene	"	"	"	EPA 8270B	5.00	ND	"	
Benzo[a]pyrene	"	"	"	EPA 8270B	5.00	ND	"	
Benzyl alcohol	"	"	"	EPA 8270B	5.00	ND	"	
Bis(2-chloroethoxy)methane	"	"	"	EPA 8270B	5.00	ND	"	
Bis(2-chloroethyl)ether	"	"	"	EPA 8270B	5.00	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"	EPA 8270B	5.00	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"	EPA 8270B	10.0	14.0	"	
4-Bromophenyl phenyl ether	"	"	"	EPA 8270B	5.00	ND	"	
Butyl benzyl phthalate	"	"	"	EPA 8270B	5.00	ND	"	
4-Chloroaniline	"	"	"	EPA 8270B	10.0	ND	"	
2-Chloronaphthalene	"	"	"	EPA 8270B	5.00	ND	"	
4-Chloro-3-methylphenol	"	"	"	EPA 8270B	5.00	ND	"	
2-Chlorophenol	"	"	"	EPA 8270B	5.00	ND	"	
4-Chlorophenyl phenyl ether	"	"	"	EPA 8270B	5.00	ND	"	
Chrysene	"	"	"	EPA 8270B	5.00	ND	"	
Dibenz (a,h) anthracene	"	"	"	EPA 8270B	5.00	ND	"	
Dibenzofuran	"	"	"	EPA 8270B	5.00	ND	"	
Di-n-butyl phthalate	"	"	"	EPA 8270B	10.0	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
3,3'-Dichlorobenzidine	"	"	"	EPA 8270B	10.0	ND	"	
2,4-Dichlorophenol	"	"	"	EPA 8270B	5.00	ND	"	
Diethyl phthalate	"	"	"	EPA 8270B	5.00	ND	"	
2,4-Dimethylphenol	"	"	"	EPA 8270B	5.00	ND	"	
Dimethyl phthalate	"	"	"	EPA 8270B	5.00	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"	EPA 8270B	10.0	ND	"	
2,4-Dinitrophenol	"	"	"	EPA 8270B	10.0	ND	"	
2,4-Dinitrotoluene	"	"	"	EPA 8270B	5.00	ND	"	
2,6-Dinitrotoluene	"	"	"	EPA 8270B	5.00	ND	"	
Di-n-octyl phthalate	"	"	"	EPA 8270B	5.00	ND	"	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Semivolatile Organic Compounds by EPA Method 8270B
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-4 (continued)				MJB0570-02			Water	
Fluoranthene	0B18052	2/18/00	2/28/00	EPA 8270B	5.00	ND	ug/l	
Fluorene	"	"	"	EPA 8270B	5.00	ND	"	
Hexachlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
Hexachlorobutadiene	"	"	"	EPA 8270B	5.00	ND	"	
Hexachlorocyclopentadiene	"	"	"	EPA 8270B	10.0	ND	"	
Hexachloroethane	"	"	"	EPA 8270B	5.00	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"	EPA 8270B	5.00	ND	"	
Isophorone	"	"	"	EPA 8270B	5.00	ND	"	
2-Methylnaphthalene	"	"	"	EPA 8270B	5.00	42.2	"	
2-Methylphenol	"	"	"	EPA 8270B	5.00	ND	"	
4-Methylphenol	"	"	"	EPA 8270B	5.00	ND	"	
Naphthalene	"	"	"	EPA 8270B	5.00	158	"	
2-Nitroaniline	"	"	"	EPA 8270B	10.0	ND	"	
3-Nitroaniline	"	"	"	EPA 8270B	10.0	ND	"	
4-Nitroaniline	"	"	"	EPA 8270B	10.0	ND	"	
Nitrobenzene	"	"	"	EPA 8270B	5.00	ND	"	
2-Nitrophenol	"	"	"	EPA 8270B	5.00	ND	"	
4-Nitrophenol	"	"	"	EPA 8270B	10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"	EPA 8270B	5.00	ND	"	
N-Nitrosodi-n-propylamine	"	"	"	EPA 8270B	5.00	ND	"	
Pentachlorophenol	"	"	"	EPA 8270B	10.0	ND	"	
Phenanthrene	"	"	"	EPA 8270B	5.00	ND	"	
Phenol	"	"	"	EPA 8270B	5.00	32.4	"	
Pyrene	"	"	"	EPA 8270B	5.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"	EPA 8270B	5.00	ND	"	
2,4,5-Trichlorophenol	"	"	"	EPA 8270B	10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"	EPA 8270B	5.00	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	21-110		49.2	%	
Surrogate: Phenol-d6	"	"	"	10-110		35.0	"	
Surrogate: Nitrobenzene-d5	"	"	"	35-114		76.5	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	43-116		98.5	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	10-123		107	"	
Surrogate: p-Terphenyl-d14	"	"	"	33-141		76.0	"	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<u>MW-3</u> Total Oil & Grease	0B22036	2/22/00	2/23/00	<u>MJB0570-01</u> SM 5520B/F	5.00	11.7	Water mg/l	
<u>MW-4</u> Total Oil & Grease	0B22036	2/22/00	2/23/00	<u>MJB0570-02</u> SM 5520B/F	5.00	178	Water mg/l	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**MTBE by EPA Method 8260A
Sequoia Analytical - San Carlos**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<u>MW-4</u>				<u>MJB0570-02</u>			<u>Water</u>	<u>I-02</u>
Methyl tert-butyl ether	0020143	2/28/00	2/28/00		500	30300	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	76.0-114		96.4	%	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0B24003		Date Prepared: 2/24/00			Extraction Method: EPA 5030B [P/T]					
Blank		0B24003-BLK1								
Purgeable Hydrocarbons	2/24/00			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.50				
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		10.1	"	70-130	101			
LCS		0B24003-BS1								
Purgeable Hydrocarbons	2/24/00	250		239	ug/l	70-130	95.6			
Benzene	"			4.15	"	70-130				
Toluene	"			18.3	"	70-130				
Ethylbenzene	"			4.01	"	70-130				
Xylenes (total)	"			19.2	"	70-130				
Methyl tert-butyl ether	"			9.53	"	70-130				
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		10.5	"	70-130	105			
Matrix Spike		0B24003-MS1 MJB0570-04								
Purgeable Hydrocarbons	2/24/00	250	ND	230	ug/l	60-140	92.0			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		7.62	"	70-130	76.2			
Matrix Spike Dup		0B24003-MSD1 MJB0570-04								
Purgeable Hydrocarbons	2/24/00	250	ND	279	ug/l	60-140	112	25	19.3	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		10.9	"	70-130	109			





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

Project: Equiva
Project Number: 6039 College Ave.
Project Manager: Nick Sudano

Sampled: 2/11/00
Received: 2/14/00
Reported: 3/2/00 07:57

**Semivolatile Organic Compounds by EPA Method 8270B/Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Recov. Limits	RPD % Limit	RPD % Notes*
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Batch: 0B18052

Date Prepared: 2/18/00

Extraction Method: EPA 3510B

Blank

0B18052-BLK1

Acenaphthene	2/28/00			ND	ug/l	5.00		
Acenaphthylene	"			ND	"	5.00		
Anthracene	"			ND	"	5.00		
Benzoic acid	"			ND	"	10.0		
Benzo (a) anthracene	"			ND	"	5.00		
Benzo (b) fluoranthene	"			ND	"	5.00		
Benzo (k) fluoranthene	"			ND	"	5.00		
Benzo (ghi) perylene	"			ND	"	5.00		
Benzo[a]pyrene	"			ND	"	5.00		
Benzyl alcohol	"			ND	"	5.00		
Bis(2-chloroethoxy)methane	"			ND	"	5.00		
Bis(2-chloroethyl)ether	"			ND	"	5.00		
Bis(2-chloroisopropyl)ether	"			ND	"	5.00		
Bis(2-ethylhexyl)phthalate	"			ND	"	10.0		
4-Bromophenyl phenyl ether	"			ND	"	5.00		
Butyl benzyl phthalate	"			ND	"	5.00		
4-Chloroaniline	"			ND	"	10.0		
2-Chloronaphthalene	"			ND	"	5.00		
4-Chloro-3-methylphenol	"			ND	"	5.00		
2-Chlorophenol	"			ND	"	5.00		
4-Chlorophenyl phenyl ether	"			ND	"	5.00		
Chrysene	"			ND	"	5.00		
Dibenz (a,h) anthracene	"			ND	"	5.00		
Dibenzofuran	"			ND	"	5.00		
Di-n-butyl phthalate	"			ND	"	10.0		
1,2-Dichlorobenzene	"			ND	"	5.00		
1,3-Dichlorobenzene	"			ND	"	5.00		
1,4-Dichlorobenzene	"			ND	"	5.00		
3,3'-Dichlorobenzidine	"			ND	"	10.0		
2,4-Dichlorophenol	"			ND	"	5.00		
Diethyl phthalate	"			ND	"	5.00		
2,4-Dimethylphenol	"			ND	"	5.00		
Dimethyl phthalate	"			ND	"	5.00		
4,6-Dinitro-2-methylphenol	"			ND	"	10.0		
2,4-Dinitrophenol	"			ND	"	10.0		
2,4-Dinitrotoluene	"			ND	"	5.00		
2,6-Dinitrotoluene	"			ND	"	5.00		





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Semivolatile Organic Compounds by EPA Method 8270B/Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	0B18052-BLK1									
Di-n-octyl phthalate	2/28/00			ND	ug/l	5.00				
Fluoranthene	"			ND	"	5.00				
Fluorene	"			ND	"	5.00				
Hexachlorobenzene	"			ND	"	5.00				
Hexachlorobutadiene	"			ND	"	5.00				
Hexachlorocyclopentadiene	"			ND	"	10.0				
Hexachloroethane	"			ND	"	5.00				
Indeno (1,2,3-cd) pyrene	"			ND	"	5.00				
Isophorone	"			ND	"	5.00				
2-Methylnaphthalene	"			ND	"	5.00				
2-Methylphenol	"			ND	"	5.00				
4-Methylphenol	"			ND	"	5.00				
Naphthalene	"			ND	"	5.00				
2-Nitroaniline	"			ND	"	10.0				
3-Nitroaniline	"			ND	"	10.0				
4-Nitroaniline	"			ND	"	10.0				
Nitrobenzene	"			ND	"	5.00				
2-Nitrophenol	"			ND	"	5.00				
4-Nitrophenol	"			ND	"	10.0				
N-Nitrosodiphenylamine	"			ND	"	5.00				
N-Nitrosodi-n-propylamine	"			ND	"	5.00				
Pentachlorophenol	"			ND	"	10.0				
Phenanthrene	"			ND	"	5.00				
Phenol	"			ND	"	5.00				
Pyrene	"			ND	"	5.00				
1,2,4-Trichlorobenzene	"			ND	"	5.00				
2,4,5-Trichlorophenol	"			ND	"	10.0				
2,4,6-Trichlorophenol	"			ND	"	5.00				
Surrogate: 2-Fluorophenol	"	200		113	"	21-110	56.5			
Surrogate: Phenol-d6	"	200		86.8	"	10-110	43.4			
Surrogate: Nitrobenzene-d5	"	200		166	"	35-114	83.0			
Surrogate: 2-Fluorobiphenyl	"	200		204	"	43-116	102			
Surrogate: 2,4,6-Tribromophenol	"	200		207	"	10-123	104			
Surrogate: p-Terphenyl-d14	"	200		202	"	33-141	101			
LCS	0B18052-BS1									
Acenaphthene	2/28/00	200		191	ug/l	46-118	95.5			
4-Chloro-3-methylphenol	"	200		180	"	23-97	90.0			





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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Semivolatile Organic Compounds by EPA Method 8270B/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)		0B18052-BS1								
2-Chlorophenol	2/28/00	200		145	ug/l	27-123	72.5			
1,4-Dichlorobenzene	"	200		147	"	36-97	73.5			
2,4-Dinitrotoluene	"	200		199	"	24-96	99.5			Q-01
4-Nitrophenol	"	200		128	"	10-80	64.0			
N-Nitrosodi-n-propylamine	"	200		175	"	41-116	87.5			
Pentachlorophenol	"	200		206	"	9-103	103			
Phenol	"	200		82.9	"	12-110	41.5			
Pyrene	"	200		194	"	26-127	97.0			
1,2,4-Trichlorobenzene	"	200		169	"	39-98	84.5			
Surrogate: 2-Fluorophenol	"	200		107	"	21-110	53.5			
Surrogate: Phenol-d6	"	200		77.5	"	10-110	38.8			
Surrogate: Nitrobenzene-d5	"	200		166	"	35-114	83.0			
Surrogate: 2-Fluorobiphenyl	"	200		184	"	43-116	92.0			
Surrogate: 2,4,6-Tribromophenol	"	200		210	"	10-123	105			
Surrogate: p-Terphenyl-d14	"	200		148	"	33-141	74.0			
LCS Dup		0B18052-BSD1								
Acenaphthene	2/28/00	200		203	ug/l	46-118	102	30	6.09	
4-Chloro-3-methylphenol	"	200		178	"	23-97	89.0	30	1.12	
2-Chlorophenol	"	200		152	"	27-123	76.0	30	4.71	
1,4-Dichlorobenzene	"	200		153	"	36-97	76.5	30	4.00	
2,4-Dinitrotoluene	"	200		206	"	24-96	103	30	3.46	Q-01
4-Nitrophenol	"	200		122	"	10-80	61.0	30	4.80	
N-Nitrosodi-n-propylamine	"	200		191	"	41-116	95.5	30	8.74	
Pentachlorophenol	"	200		189	"	9-103	94.5	30	8.61	
Phenol	"	200		89.1	"	12-110	44.5	30	7.21	
Pyrene	"	200		196	"	26-127	98.0	30	1.03	
1,2,4-Trichlorobenzene	"	200		170	"	39-98	85.0	30	0.590	
Surrogate: 2-Fluorophenol	"	200		108	"	21-110	54.0			
Surrogate: Phenol-d6	"	200		79.5	"	10-110	39.8			
Surrogate: Nitrobenzene-d5	"	200		162	"	35-114	81.0			
Surrogate: 2-Fluorobiphenyl	"	200		193	"	43-116	96.5			
Surrogate: 2,4,6-Tribromophenol	"	200		195	"	10-123	97.5			
Surrogate: p-Terphenyl-d14	"	200		145	"	33-141	72.5			





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**Conventional Chemistry Parameters by APHA/EPA Methods/Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0B22036	Date Prepared: 2/22/00			Extraction Method: General Prep						
Blank	0B22036-BLK1									
Total Oil & Grease	2/23/00			ND	mg/l	5.00				
LCS	0B22036-BS1									
Total Oil & Grease	2/23/00	10.0		7.60	mg/l	70-130	76.0			
LCS Dup	0B22036-BSD1									
Total Oil & Grease	2/23/00	10.0		7.50	mg/l	70-130	75.0	30	1.32	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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**MTBE by EPA Method 8260A/Quality Control
Sequoia Analytical - San Carlos**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0020143			Date Prepared: 2/28/00			Extraction Method: EPA 5030B [P/T]				
Blank			0020143-BLK1							
Methyl tert-butyl ether	2/28/00			ND	ug/l	2.00				
Surrogate: 1,2-Dichloroethane-d4	"	50.0		45.7	"	76.0-114	91.4			
LCS			0020143-BS1							
Methyl tert-butyl ether	2/28/00	50.0		52.8	ug/l	70.0-130	106			
Surrogate: 1,2-Dichloroethane-d4	"	50.0		49.8	"	76.0-114	99.6			
Matrix Spike			0020143-MS1 L002163-58							
Methyl tert-butyl ether	2/28/00	50.0	ND	50.3	ug/l	60.0-140	101			
Surrogate: 1,2-Dichloroethane-d4	"	50.0		47.4	"	76.0-114	94.8			
Matrix Spike Dup			0020143-MSD1 L002163-58							
Methyl tert-butyl ether	2/28/00	50.0	ND	52.4	ug/l	60.0-140	105	25.0	3.88	
Surrogate: 1,2-Dichloroethane-d4	"	50.0		48.7	"	76.0-114	97.4			





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 6039 College Ave. Project Manager: Nick Sudano	Sampled: 2/11/00 Received: 2/14/00 Reported: 3/2/00 07:57
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Notes and Definitions

#	Note
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- I-02 This sample was analyzed outside of the EPA recommended holding time.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- P-04 Chromatogram Pattern: Weathered Gasoline C6-C12 + Unidentified Hydrocarbons C6-C12
- Q-01 The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
- 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
- Recov. Recovery
- RPD Relative Percent Difference



BLAINE

TECH SERVICES INC.

1880 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB SEQUOIA

DHS #

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

EPA

RWQCB REGION

LIA

OTHER

70
MJB0540

CHAIN OF CUSTODY

000211-12

CLIENT

Equiva - Karen Petryna

SITE

6039 College Ave.

Oakland, CA

C = COMPOSITE ALL CONTAINERS

SAMPLE I.D.	S = SOIL W = H ₂ O	CONTAINERS	
		TOTAL	

SAMPLE I.D.	S = SOIL W = H ₂ O	TOTAL	CONTAINERS	C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH-diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010	EPA by 8270	Oil & Grease	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
11. MW3	2/11/00	1057	W	7	VDA/Liter	X	X				X	X	Confirm highest			1
111. MW4	↓	1115	↓	7	VDA/Liter	X	X				X	X	MTBE hit by			2
1. MW5	↓	1107	↓	3	VDA	X	X						8260			3
1. MW6	↓	1110	↓	3	VDA	X	X									4

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995745

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLING COMPLETED DATE *2/11/00* TIME

SAMPLING PERFORMED BY *Mike Tall*

RESULTS NEEDED NO LATER THAN

RELEASED BY *[Signature]* DATE *2-11* TIME *9:00*

RECEIVED BY *[Signature]*

DATE *2/14/00* TIME *8:59*

RELEASED BY *[Signature]* DATE TIME

RECEIVED BY *BN(KH)*

DATE *2/14/00* TIME *16:20*

RELEASED BY DATE TIME

RECEIVED BY

DATE TIME

SHIPPED VIA

DATE SENT TIME SENT COOLER #

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>000103-42</u>	Site: <u>204-5508-3301</u>
Sampler: <u>LEON G.</u>	Date: <u>1-3-00</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>24.90</u>	Depth to Water: <u>17.00</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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	radius ² * 0.163

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>STARTED PURGE</u>		<u>9</u>	<u>1057</u>			
<u>STOPPED PURGE</u>		<u>9</u>	<u>1142</u>			

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

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

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

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

Project #: 00107-21	Job # 204-5500-3301
Sampler: Bailer	Date: 1-7-00
Well I.D.: 4"	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth:	Depth to Water:
Depth to Free Product: 18.00	Thickness of Free Product (feet): 3 in
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

Purge Method: Bailer Middleburg Electric Submersible Extraction Pump

Other: _____

Sampling Method: Bailer Extraction Port

Other: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
						Weekly purge 45 minutes
						New
						Bailer Product Installed Skimmer /
						Lock, cap

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

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

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 #: 000107-21	Site: 204-55023301
Sampler: Brian F.	Date: 1-7-00
Well I.D.: MW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 24.75	Depth to Water: 1700
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing

Other: _____

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

Well Diameter	Multiplier	Well Diameter	Multiplier
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
<div style="font-size: 2em; font-family: cursive;">Weekday Purge 45 minutes</div>						

Did well dewater? Yes No	Gallons actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Sequoia Columbia Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
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 #: 000113-P2	Site: 204-5508-3301
Sampler: PAV 1	Date: 1-13-00
Well I.D.: NW-4	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 1	Depth to Water: 18.29
Depth to Free Product: 18.26	Thickness of Free Product (feet): .03
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing

Other: _____

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

Well Diameter	Multiplier	Well Diameter	Multiplier
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
13:10		Emptied Shimmer				
13:15		Bailed SDH Approx 100mL				
13:20		Start Purge				
14:00		End Purge				
		Purged Approx 350 gallons				

Did well dewater? Yes No Gallons actually evacuated: 350

Sampling Time: _____ Sampling Date: _____

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

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

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 #: 000113-PZ	Site: 204-5508-330
Sampler: PA1	Date: 1-13-00
Well I.D.: MW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 24.70	Depth to Water: 16.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible X
- Waterra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing

Other: _____

	(Gals.) X	=		Gals.
I 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
12:15		Start	Purge			
13:00		End	Purge			
		Purge Approx 360 Gallons				

Did well dewater? Yes No Gallons actually evacuated: 360

Sampling Time: _____ Sampling Date: _____

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

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

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 #: 000121-41	Site: 204-5506-3301
Sampler: LEON G.	Date: 1-21-00
Well I.D.: MW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 16.27	Depth to Water: 24.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVD</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- | | |
|--|--|
| Bailer
Disposable Bailer
<u>Middleburg</u>
Electric Submersible | Waterra
Peristaltic
Extraction Pump
Other _____ |
|--|--|

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing

Other: _____

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

Well Diameter	Multiplier	Well Diameter	Multiplier
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
STARTED PURGE		<u>9</u>	853			PURGE ONLY
STOPPED		<u>9</u>	928			

Did well dewater? Yes No Gallons actually evacuated: 40

Sampling Time: _____ Sampling Date: _____

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

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

EB I.D. (if applicable): @ _____ 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 #: <u>000121-41</u>	Site: <u>204-5508-3301</u>
Sampler: <u>LEONG.</u>	Date: <u>1-21-00</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>24.49</u>	Depth to Water: <u>17.70</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>

Purge Method:

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

Sampling Method:

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

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

Well Diameter	Multiplier	Well Diameter	Multiplier
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
<u>STARTED PURGE</u>		<u>9</u>	<u>941</u>			
<u>STOPPED</u>		<u>9</u>	<u>1026</u>			
<u>SKIMMER 2 200 mL SPH</u>						
<u>NO FP DETECTED IN WELL</u>						

Did well dewater? Yes No Gallons actually evacuated: 40

Sampling Time: _____ Sampling Date: _____

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

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

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:

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000125-22	Site: 204-5508-3301
Sampler: BF	Date: 1-25-00
Well I.D.: MW-4	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

(Gals.) X _____	= _____	Gals.
I 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
		Emptied Skimmer				
		Removed 20 mL of FP				
		backley Purge			45 minutes	

Did well dewater? Yes No Gallons actually evacuated: 100 gal

Sampling Time: _____ Sampling Date: _____

Sample I.D.: MW-4 Laboratory: Sequoia Columbia Other _____

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

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 #: 000201-42	Site: 204-5504-3301
Sampler: LEON G.	Date: 2-1-00
Well I.D.: MW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 24.70	Depth to Water: 16.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

	(Gals.) X _____ = _____ Gals.	
I 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
STARTED PURGE		<u>9</u>	915			
STOPPED		<u>9</u>	1000			
			PURGE ONLY			

Did well dewater? Yes No Gallons actually evacuated 1650

Sampling Time: _____ Sampling Date: _____

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

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

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
	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000201-42	Site: 204-5504-3301
Sampler: LEON G.	Date: 2-1-00
Well I.D.: MW-4	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 24.43	Depth to Water: 13.77
Depth to Free Product: ∅	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

Sampling Method:

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

(Gals.) X _____ = _____ Gals.

1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
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
STARTED PURGE		②	1005			
STOPPED		②	1050			
			PURGE ONLY			
SKIMMER EMPTIED - NO FP NO FP DETECTED IN WELL						

Did well dewater? Yes No Gallons actually evacuated: 165

Sampling Time: _____ Sampling Date: _____

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

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

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:

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>000211-T2</u>	Site: <u>204-5508-3301</u>
Sampler: <u>MT</u>	Date: <u>2/11</u>
Well I.D.: <u>MW4</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>24.40</u>	Depth to Water: <u>14.92</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVO)</u> Grade	D.O. Meter (if req'd): <u>(YS)</u> HACH

Purge Method:

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

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

<u>6.2</u> (Gals.) X	<u>3</u>	<u>=</u>	<u>18.6</u> Gals.
I 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
1101	<u>69.6</u>	<u>7.3</u>	<u>1000</u>	<u>70</u>	<u>7</u>	<u>Odor, Shown</u>
1102	<u>70.1</u>	<u>7.2</u>	<u>976</u>	<u>51</u>	<u>14</u>	<u>" "</u>
1103	<u>70.4</u>	<u>7.3</u>	<u>1009</u>	<u>49</u>	<u>19</u>	<u>" "</u>
112	<u>DTW = 15.96</u>				<u>DTW = 22.00</u>	<u>Return to Sample</u>

EMPTIED SKIMMER NO SPH, Measured w/INTERPhase Probe NO SPH

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>19</u>	
Sampling Time: <u>1115</u>	Sampling Date: <u>2/11</u>	
Sample I.D.: <u>MW4</u>	Laboratory: <u>Sesquia</u> Columbia Other _____	
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other: <u>8270, 046</u>		
EB I.D. (if applicable): _____ @ _____ Time	Duplicate I.D. (if applicable): _____	
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other: _____		
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: <u>0.0</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>000211-T2</u>	Site: <u>204-5508-3301</u>
Sampler: <u>MT</u>	Date: <u>2/11</u>
Well I.D.: <u>MW5</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>28.60</u>	Depth to Water: <u>12.42</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

- | | |
|--|-----------------|
| Bailer | Waterra |
| Disposable Bailer | Peristaltic |
| Middleburg | Extraction Pump |
| Electric Submersible <input checked="" type="checkbox"/> | Other _____ |

Sampling Method:

- | |
|--|
| Bailer <input checked="" type="checkbox"/> |
| Disposable Bailer |
| Extraction Port |
| Dedicated Tubing |
| Other: _____ |

<u>10.5</u>	(Gals.) X	<u>3</u>	=	<u>31.5</u>	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multplier	Well Diameter	Multplier
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
1035	60.0	6.8	670	87	11	
1037	65.7	6.7	612	73	22	
1039	65.4	6.7	598	77	32	
						DTW = 25.85
1105						Return to Sample
						DTW = 14.55

Did well dewater? Yes NO Gallons actually evacuated: 32

Sampling Time: 1107 Sampling Date: 2/11

Sample I.D.: MW5 Laboratory: Sequoia Columbia Other _____

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>000211-T₂</u>	Site: <u>204-5508-3301</u>
Sampler: <u>MT</u>	Date: <u>2/11</u>
Well I.D.: <u>MWB</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>24.10</u>	Depth to Water: <u>12.00</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> 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	(Gals.) X	3	=	6	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
1044	60.0	6.8	500	>200	2	
1046	60.2	6.8	493	>200	4	
1048	60.4	6.7	472	>200	6	
						DTW = 21.91
1109						Return to Sample DTW = 14.13

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 1110 Sampling Date: 2/11

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

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

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	<u>Post-purge</u>	1.1	mg
	O.R.P. (if req'd):	Pre-purge:	Post-purge:		mV