

C A M B R I A

February 22, 2001

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

Re: **Fourth Quarter 2000 Monitoring Report**
Shell-branded Service Station
6039 College Avenue
Oakland, California
Incident #98995745
Cambria Project #243-0503-002



Dear Mr. Seery:

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

FOURTH 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. No SPH was detected this quarter. 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.

In addition to the usual gasoline constituents, MW-4 was analyzed for total recoverable petroleum hydrocarbons (TRPH) by EPA Method SM 5520B/F and semi-volatile organics by EPA Method 8270C. TRPH was detected at 40.6 parts per million (ppm). In *Cambria's Third Quarter 2000 Monitoring Report*, the TRPH detection in MW-4 was inadvertently misreported as 5.00 parts per billion (ppb) rather than the correct 5.00 ppm. No semi-volatiles were detected in the fourth quarter, except for naphthalene at 210 parts ppb and 2-methylnaphthalene at 89 ppb.

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

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 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 using a vacuum truck. Weekly purging events by Blaine were discontinued on June 8, 2000 due to the absence of SPH in MW-4. Field data collected from weekly vacuum truck operations and Blaine purging is included in Table 1.



ANTICIPATED FIRST QUARTER 2001 ACTIVITIES

Groundwater Monitoring: Per Alameda County Health Care Services Agency (ACHCSA) correspondence dated January 23, 2001, monitoring and sampling of wells MW-3, MW-4, MW-5, and MW-6 will be increased to quarterly beginning in first quarter 2001. The first quarter sampling event is scheduled for February 13, 2001. Blaine will measure and remove detected SPH, gauge all wells, sample selected site wells if no SPH are present, measure dissolved oxygen levels, and tabulate the data. Cambria will prepare a monitoring report.

Cambria proposes annual analysis of well MW-3 and MW-4 samples for TRPH and oil and grease by Method SM 5520B/F. Additionally, Cambria proposes annual analysis of well MW-3 and MW-4 samples by EPA Method 8270. No significant change has been observed in the quarterly data, used for monitoring the former waste-oil tanks, over the last seven years. Implementation of these changes is anticipated for first quarter 2001. This annual analysis will be routinely scheduled for the third quarter. Please notify Cambria and/or Equiva if ACHCSA objects to these changes.

Remediation Feasibility Testing: Cambria will coordinate vapor extraction and dual-phase vacuum extraction tests to assess the effectiveness of each technology in remediating hydrocarbons in soil and groundwater.

C A M B R I A

Scott Seery
February 22, 2001

CLOSING

We appreciate the opportunity to work with you on this project. Please call Dan Lescure at (510) 450-1988 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc



Stephan Bork

for: Dan Lescure
Project Engineer

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

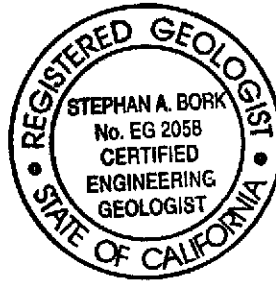


Figure: 1 - Groundwater Elevation Contour Map

Table: 1 - Groundwater Extraction - 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

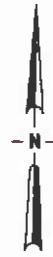
g:\oakland6039college\qm\4q00qm.doc

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

Well	Well designation
ELEV	Groundwater elevation, in feet above msl
Benzene	Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8020; date is most recent sampling unless otherwise noted.
MTBE	



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\FIGURES\4QM00-MP.A1

MW-6
174.77
<2.50 - 8/31/00
4,460 - 8/31/00

MW-3
176.77
165 - 8/31/00
4,090 - 8/31/00

MW-1
182.99
<0.50 - 2/20/97
<2.5 - 2/20/97

MW-2
177.27
<0.50 - 2/20/97
<2.5 - 2/20/97

MW-4
175.70
525
2,440

MW-5
175.70
<5.00 - 8/31/00
13,000 - 8/31/00

0 25 50
Scale (ft)

FIGURE

1

01/25/01

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



CAMBRIA

Groundwater Elevation Contour Map

November 30, 2000

Table 1: Groundwater Extraction - 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			Benzene			MTBE		
					TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE 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

Table 1: Groundwater Extraction - 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			Benzene			MTBE		
					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)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
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
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

Table 1: Groundwater Extraction - 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			Benzene			MTBE		
					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)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
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
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		0.29160575			

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

Table 1: Groundwater Extraction - 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	<u>TPPH</u>			<u>Benzene</u>			<u>MTBE</u>		
					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)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)

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)

TPPH, benzene analyzed by EPA Method 8015/8020

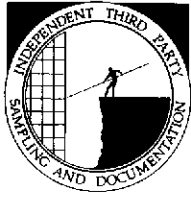
MTBE analyzed by EPA Method 8260 in bold font, all other MTBE analyzed by EPA Method 8020

Concentrations based on most recent groundwater monitoring results

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

January 11, 2000

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

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

Monitoring performed on November 30, 2000

Groundwater Monitoring Report 001130-S-4

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,



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
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

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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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	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.09	NA	180.80	NA	NA
MW-1	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.97	NA	182.92	NA	NA
MW-1	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.02	NA	180.87	NA	NA
MW-1	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.90	NA	182.99	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

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)
MW-2	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.39	NA	176.88	NA	NA
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

WELL CONCENTRATIONS
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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	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.10	NA	180.17	NA	NA
MW-2	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	194.27	12.72	NA	181.55	NA	NA
MW-2	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.39	NA	179.88	NA	NA
MW-2	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.00	NA	177.27	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

WELL CONCENTRATIONS
Shell-branded Service Station
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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	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
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

WELL CONCENTRATIONS
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6039 College Avenue
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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	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.49	NA	178.03	NA	NA
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-3	02/11/2000	10,900	NA	1,030	<50.0	308	1,000	19,300	NA	192.52	12.85	NA	179.67	NA	1.0
MW-3	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.05	NA	175.47	NA	NA
MW-3	08/31/2000	2,560	NA	165	7.19	77.6	183	4,090	NA	192.52	14.26	NA	178.26	NA	c
MW-3	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.75	NA	176.77	NA	NA

MW-4	02/15/1990	ND	1,200	ND	ND	ND	ND	NA	NA	193.37	16.73	NA	176.65	NA	NA
MW-4	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.48	NA	175.89	NA	NA
MW-4	05/14/1990	650	350	160	7	1.9	3.1	NA	NA	193.37	17.88	NA	175.49	NA	NA
MW-4	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.18	NA	176.19	NA	NA
MW-4	09/12/1990	440	260	91	1.1	0.75	0.79	NA	NA	193.37	17.85	NA	175.52	NA	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	NA	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	NA	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	NA	NA
MW-4	08/30/1991	570	280	64	1.8	0.9	0.9	NA	NA	193.37	18.71	NA	174.66	NA	NA
MW-4	11/22/1991	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	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

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)
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
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	NA	NA
MW-4	05/30/1997	<2,000	NA	72	<20	<20	<20	6,100	NA	193.37	14.68	NA	178.69	NA	NA
MW-4	08/18/1997	<5,000	NA	150	570	<50	130	31,000	NA	193.37	15.07	NA	178.30	NA	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	NA	NA

WELL CONCENTRATIONS
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6039 College Avenue
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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-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
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	30,300b	193.37	14.82	NA	178.55	NA	0.6
MW-4	05/04/2000	30,800	NA	1,650	<100	574	3,310	28,600	31,200b	193.37	12.64	NA	180.73	NA	2.1
MW-4	08/31/2000	5,470	NA	366	<10.0	296	834	3,950	NA	193.37	16.47	NA	176.90	NA	c
MW-4	11/30/2000	20,700	NA	525	<50.0	447	1,570	2,440	4,280b	193.37	17.67	NA	175.70	NA	3.3

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

WELL CONCENTRATIONS
Shell-branded Service Station
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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-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
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	NA	NA	190.35	10.10	NA	180.25	NA	NA
MW-5	08/19/1996	<2,500	NA	<25	<25	<25	<25	NA	NA	190.35	13.09	NA	177.26	NA	NA
MW-5	12/05/1996	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	NA	190.35	13.31	NA	177.04	NA	NA
MW-5	02/20/1997	<1,000	NA	<10	<10	<10	<10	NA	NA	190.35	9.55	NA	180.80	NA	NA
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	02/11/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	190.35	12.42	NA	177.93	NA	1.7
MW-5	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	190.35	11.13	NA	179.22	NA	NA
MW-5	08/31/2000	<500	NA	<5.00	<5.00	<5.00	<5.00	13,000	15,700b	190.35	13.53	NA	176.82	NA	c
MW-5	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.65	NA	175.70	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
6039 College Avenue
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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-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
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

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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-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	02/11/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	189.05	12.00	NA	177.05	NA	1.1
MW-6	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	189.05	10.94	NA	178.11	NA	NA
MW-6	08/31/2000	<250	NA	<2.50	<2.50	<2.50	<2.50	4,460	NA	189.05	13.19	NA	175.86	NA	c
MW-6	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.28	NA	174.77	NA	NA

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	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/30/2000	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

WELL CONCENTRATIONS
Shell-branded Service Station
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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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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	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.50	NA	NA	NA	NA

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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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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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.

Notes:

a = Chromatogram patterns indicate an unidentified hydrocarbon.

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

c = DO Readings not taken this event.



Sequoia Analytical

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

3 January, 2001

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

RE: 6039 College Ave.
Sequoia Report: MJL0166

Enclosed are the results of analyses for samples received by the laboratory on 12/01/00 12:58. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson
Client Services Manager

CA ELAP Certificate #1210





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

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

Reported:
01/03/01 15:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	MJL0166-01	Water	11/30/00 00:00	12/01/00 12:58





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

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

Reported:
01/03/01 15:25

**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-4 (MJL0166-01) Water Sampled: 11/30/00 00:00 Received: 12/01/00 12:58									
Purgeable Hydrocarbons	20700	5000	ug/l	100	0L08005	12/08/00	12/08/00	DHS LUFT	P-01
Benzene	525	50.0	"	"	"	"	"	"	
Toluene	ND	50.0	"	"	"	"	"	"	
Ethylbenzene	447	50.0	"	"	"	"	"	"	
Xylenes (total)	1570	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	2440	250	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		99.8 %		70-130	"	"	"	"	





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

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

Reported:
01/03/01 15:25

**MTBE Confirmation by EPA Method 8260A
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJL0166-01) Water Sampled: 11/30/00 00:00 Received: 12/01/00 12:58									
Methyl tert-butyl ether	4280	100	ug/l	100	1A02024	12/25/00	12/25/00	EPA 8260A	H-02
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		"	"	"	"	H-02





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

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

Reported:
01/03/01 15:25

**Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJL0166-01) Water Sampled: 11/30/00 00:00 Received: 12/01/00 12:58									
TRPH	40.6	5.00	mg/l	1	0L11046	12/11/00	12/12/00	SM 5520B/F	



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

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

Reported:
01/03/01 15:25

**Semivolatile Organic Compounds by EPA Method 8270B
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJL0166-01) Water									I-02
Sampled: 11/30/00 00:00 Received: 12/01/00 12:58									
Acenaphthene	ND	25	ug/l	5	0L08017	12/08/00	12/19/00	EPA 8270B	
Acenaphthylene	ND	25	"	"	"	"	"	"	
Aniline	ND	25	"	"	"	"	"	"	
Anthracene	ND	25	"	"	"	"	"	"	
Benzoic acid	ND	50	"	"	"	"	"	"	
Benzo (a) anthracene	ND	25	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	25	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	25	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	25	"	"	"	"	"	"	
Benzo[a]pyrene	ND	25	"	"	"	"	"	"	
Benzyl alcohol	ND	25	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	25	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	25	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	25	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	50	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	25	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	25	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	25	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	25	"	"	"	"	"	"	
2-Chlorophenol	ND	25	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	25	"	"	"	"	"	"	
Chrysene	ND	25	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	25	"	"	"	"	"	"	
Dibenzofuran	ND	25	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	25	"	"	"	"	"	"	
Diethyl phthalate	ND	25	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	25	"	"	"	"	"	"	
Dimethyl phthalate	ND	25	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	50	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	50	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	25	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	25	"	"	"	"	"	"	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 6039 College Ave. Project Number: 6039 College Ave. Project Manager: Nick Sudano	Reported: 01/03/01 15:25
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**Semivolatile Organic Compounds by EPA Method 8270B
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJL0166-01) Water Sampled: 11/30/00 00:00 Received: 12/01/00 12:58									
Di-n-octyl phthalate	ND	25	ug/l	5	0L08017	12/08/00	12/19/00	EPA 8270B	I-02
Fluoranthene	ND	25	"	"	"	"	"	"	
Fluorene	ND	25	"	"	"	"	"	"	
Hexachlorobenzene	ND	25	"	"	"	"	"	"	
Hexachlorobutadiene	ND	25	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	50	"	"	"	"	"	"	
Hexachloroethane	ND	25	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	25	"	"	"	"	"	"	
Isophorone	ND	25	"	"	"	"	"	"	
2-Methylnaphthalene	89	25	"	"	"	"	"	"	
2-Methylphenol	ND	25	"	"	"	"	"	"	
4-Methylphenol	ND	25	"	"	"	"	"	"	
Naphthalene	210	25	"	"	"	"	"	"	
2-Nitroaniline	ND	50	"	"	"	"	"	"	
3-Nitroaniline	ND	50	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	25	"	"	"	"	"	"	
2-Nitrophenol	ND	25	"	"	"	"	"	"	
4-Nitrophenol	ND	50	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	25	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	25	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	25	"	"	"	"	"	"	
Pentachlorophenol	ND	50	"	"	"	"	"	"	
Phenanthrene	ND	25	"	"	"	"	"	"	
Phenol	ND	25	"	"	"	"	"	"	
Pyrene	ND	25	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	25	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	50	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	25	"	"	"	"	"	"	
<i>Surrogate: 2-Fluorophenol</i>		41.5 %		21-110	"	"	"	"	
<i>Surrogate: Phenol-d6</i>		32.7 %		10-110	"	"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>		64.1 %		35-114	"	"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>		113 %		43-116	"	"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>		74.7 %		10-123	"	"	"	"	
<i>Surrogate: p-Terphenyl-d14</i>		115 %		33-141	"	"	"	"	



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

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

Reported:
01/03/01 15:25

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
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Batch 0L08005 - EPA 5030B [P/T]

Blank (0L08005-BLK1)

Prepared & Analyzed: 12/08/00

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	"							

<i>Surrogate: a,a,a-Trifluorotoluene</i>	9.69		"	10.0		96.9	70-130			
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LCS (0L08005-BS1)

Prepared & Analyzed: 12/08/00

Benzene	10.6	0.500	ug/l	10.0		106	70-130			
Toluene	9.88	0.500	"	10.0		98.8	70-130			
Ethylbenzene	9.85	0.500	"	10.0		98.5	70-130			
Xylenes (total)	29.1	0.500	"	30.0		97.0	70-130			

<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.0		"	10.0		100	70-130			
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Matrix Spike (0L08005-MS1)

Source: MJL0093-02

Prepared & Analyzed: 12/08/00

Benzene	10.9	0.500	ug/l	10.0	ND	109	60-140			
Toluene	10.2	0.500	"	10.0	ND	102	60-140			
Ethylbenzene	10.0	0.500	"	10.0	ND	100	60-140			
Xylenes (total)	30.1	0.500	"	30.0	ND	100	60-140			

<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.0		"	10.0		100	70-130			
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Matrix Spike Dup (0L08005-MSD1)

Source: MJL0093-02

Prepared & Analyzed: 12/08/00

Benzene	10.9	0.500	ug/l	10.0	ND	109	60-140	0	25	
Toluene	10.2	0.500	"	10.0	ND	102	60-140	0	25	
Ethylbenzene	10.0	0.500	"	10.0	ND	100	60-140	0	25	
Xylenes (total)	29.8	0.500	"	30.0	ND	99.3	60-140	1.00	25	

<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.2		"	10.0		102	70-130			
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Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

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

Reported:
01/03/01 15:25

**MTBE Confirmation by EPA Method 8260A - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1A02024 - EPA 5030B [P/T]										
Blank (1A02024-BLK1) Prepared & Analyzed: 12/25/00										
Methyl tert-butyl ether	ND	1.00	ug/l							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.21		"	10.0		92.1	70-130			
LCS (1A02024-BS1) Prepared & Analyzed: 12/25/00										
Methyl tert-butyl ether	9.44	1.00	ug/l	10.0		94.4	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	10.6		"	10.0		106	70-130			
LCS Dup (1A02024-BSD1) Prepared & Analyzed: 12/25/00										
Methyl tert-butyl ether	10.3	1.00	ug/l	10.0		103	70-130	8.71	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	10.5		"	10.0		105	70-130			
Matrix Spike (1A02024-MS1) Source: MJL0337-04 Prepared & Analyzed: 12/25/00										
Methyl tert-butyl ether	175	20.0	ug/l	200	ND	87.5	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	16.1		"	10.0		161	70-130			S-04
Matrix Spike Dup (1A02024-MSD1) Source: MJL0337-04 Prepared & Analyzed: 12/25/00										
Methyl tert-butyl ether	149	20.0	ug/l	200	ND	74.5	70-130	16.0	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	15.4		"	10.0		154	70-130			S-04



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

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

Reported:
01/03/01 15:25

**Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0L11046 - General Prep										
Blank (0L11046-BLK1)										
					Prepared: 12/11/00 Analyzed: 12/12/00					
TRPH	ND	5.00	mg/l							
LCS (0L11046-BS1)										
					Prepared: 12/11/00 Analyzed: 12/12/00					
TRPH	8.00	5.00	mg/l	10.0		80.0	70-130			
LCS Dup (0L11046-BSD1)										
					Prepared: 12/11/00 Analyzed: 12/12/00					
TRPH	8.60	5.00	mg/l	10.0		86.0	70-130	7.23	30	





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

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

Reported:
01/03/01 15:25

**Semivolatile Organic Compounds by EPA Method 8270B - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 0L08017 - EPA 3510B

Blank (0L08017-BLK1)

Prepared: 12/08/00 Analyzed: 12/15/00

A-01

Acenaphthene	18.8	5.0	ug/l							
Acenaphthylene	ND	5.0	"							
Aniline	ND	5.0	"							
Anthracene	ND	5.0	"							
Benzoic acid	ND	10	"							
Benzo (a) anthracene	ND	5.0	"							
Benzo (b) fluoranthene	ND	5.0	"							
Benzo (k) fluoranthene	ND	5.0	"							
Benzo (ghi) perylene	ND	5.0	"							
Benzo[a]pyrene	ND	5.0	"							
Benzyl alcohol	ND	5.0	"							
Bis(2-chloroethoxy)methane	ND	5.0	"							
Bis(2-chloroethyl)ether	ND	5.0	"							
Bis(2-chloroisopropyl)ether	ND	5.0	"							
Bis(2-ethylhexyl)phthalate	ND	10	"							
4-Bromophenyl phenyl ether	ND	5.0	"							
Butyl benzyl phthalate	ND	5.0	"							
4-Chloroaniline	ND	10	"							
2-Chloronaphthalene	ND	5.0	"							
4-Chloro-3-methylphenol	29.7	5.0	"							
2-Chlorophenol	27.2	5.0	"							
4-Chlorophenyl phenyl ether	ND	5.0	"							
Chrysene	ND	5.0	"							
Dibenz (a,h) anthracene	ND	5.0	"							
Dibenzofuran	ND	5.0	"							
Di-n-butyl phthalate	ND	10	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	14.7	5.0	"							
3,3'-Dichlorobenzidine	ND	10	"							
2,4-Dichlorophenol	ND	5.0	"							
Diethyl phthalate	ND	5.0	"							
2,4-Dimethylphenol	ND	5.0	"							
Dimethyl phthalate	ND	5.0	"							



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

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

Reported:
01/03/01 15:25

**Semivolatile Organic Compounds by EPA Method 8270B - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L08017 - EPA 3510B

Blank (0L08017-BLK1)					Prepared: 12/08/00 Analyzed: 12/15/00			A-01		
4,6-Dinitro-2-methylphenol	ND	10	ug/l							
2,4-Dinitrophenol	ND	10	"							
2,4-Dinitrotoluene	19.5	5.0	"							
2,6-Dinitrotoluene	ND	5.0	"							
Di-n-octyl phthalate	ND	5.0	"							
Fluoranthene	ND	5.0	"							
Fluorene	ND	5.0	"							
Hexachlorobenzene	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	5.0	"							
Indeno (1,2,3-cd) pyrene	ND	5.0	"							
Isophorone	ND	5.0	"							
2-Methylnaphthalene	ND	5.0	"							
2-Methylphenol	ND	5.0	"							
4-Methylphenol	ND	5.0	"							
Naphthalene	ND	5.0	"							
2-Nitroaniline	ND	10	"							
3-Nitroaniline	ND	10	"							
4-Nitroaniline	ND	10	"							
Nitrobenzene	ND	5.0	"							
2-Nitrophenol	ND	5.0	"							
4-Nitrophenol	17.0	10	"							
N-Nitrosodimethylamine	ND	5.0	"							
N-Nitrosodiphenylamine	ND	5.0	"							
N-Nitrosodi-n-propylamine	20.7	5.0	"							
Pentachlorophenol	20.2	10	"							
Phenanthrene	ND	5.0	"							
Phenol	19.9	5.0	"							
Pyrene	20.2	5.0	"							
1,2,4-Trichlorobenzene	18.6	5.0	"							
2,4,5-Trichlorophenol	ND	10	"							
2,4,6-Trichlorophenol	ND	5.0	"							
Surrogate: 2-Fluorophenol	56.4		"	150		37.6	21-110			





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

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

Reported:
01/03/01 15:25

Semivolatile Organic Compounds by EPA Method 8270B - Quality Control Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L08017 - EPA 3510B

Blank (0L08017-BLK1)

Prepared: 12/08/00 Analyzed: 12/15/00

A-01

Surrogate: Phenol-d6	37.3		ug/l	150		24.9	10-110			
Surrogate: Nitrobenzene-d5	93.0		"	100		93.0	35-114			
Surrogate: 2-Fluorobiphenyl	99.1		"	100		99.1	43-116			
Surrogate: 2,4,6-Tribromophenol	127		"	150		84.7	10-123			
Surrogate: p-Terphenyl-d14	80.9		"	100		80.9	33-141			

LCS (0L08017-BS1)

Prepared: 12/08/00 Analyzed: 12/15/00

Acenaphthene	79.4	5.0	ug/l	100		79.4	46-118			
4-Chloro-3-methylphenol	109	5.0	"	150		72.7	23-97			
2-Chlorophenol	89.1	5.0	"	150		59.4	27-123			
1,4-Dichlorobenzene	73.7	5.0	"	100		73.7	36-97			
2,4-Dinitrotoluene	83.6	5.0	"	100		83.6	24-96			
4-Nitrophenol	37.5	10	"	150		25.0	10-80			
N-Nitrosodi-n-propylamine	77.1	5.0	"	100		77.1	41-116			
Pentachlorophenol	114	10	"	150		76.0	9-103			
Phenol	39.5	5.0	"	150		26.3	12-110			
Pyrene	85.0	5.0	"	100		85.0	26-127			
1,2,4-Trichlorobenzene	81.8	5.0	"	100		81.8	39-98			
Surrogate: 2-Fluorophenol	56.9		"	150		37.9	21-110			
Surrogate: Phenol-d6	39.7		"	150		26.5	10-110			
Surrogate: Nitrobenzene-d5	82.1		"	100		82.1	35-114			
Surrogate: 2-Fluorobiphenyl	86.9		"	100		86.9	43-116			
Surrogate: 2,4,6-Tribromophenol	107		"	150		71.3	10-123			
Surrogate: p-Terphenyl-d14	62.3		"	100		62.3	33-141			

LCS Dup (0L08017-BSD1)

Prepared: 12/08/00 Analyzed: 12/15/00

Acenaphthene	69.3	5.0	ug/l	100		69.3	46-118	13.6	30	
4-Chloro-3-methylphenol	93.2	5.0	"	150		62.1	23-97	15.6	30	
2-Chlorophenol	78.2	5.0	"	150		52.1	27-123	13.0	30	
1,4-Dichlorobenzene	66.6	5.0	"	100		66.6	36-97	10.1	30	
2,4-Dinitrotoluene	70.1	5.0	"	100		70.1	24-96	17.6	30	
4-Nitrophenol	25.3	10	"	150		16.9	10-80	38.9	30	Q-07
N-Nitrosodi-n-propylamine	65.5	5.0	"	100		65.5	41-116	16.3	30	
Pentachlorophenol	101	10	"	150		67.3	9-103	12.1	30	
Phenol	27.1	5.0	"	150		18.1	12-110	37.2	30	Q-07
Pyrene	75.0	5.0	"	100		75.0	26-127	12.5	30	



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

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

Reported:
01/03/01 15:25

**Semivolatile Organic Compounds by EPA Method 8270B - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0L08017 - EPA 3510B

LCS Dup (0L08017-BSD1)

Prepared: 12/08/00 Analyzed: 12/15/00

1,2,4-Trichlorobenzene	72.5	5.0	ug/l	100		72.5	39-98	12.1	30	
Surrogate: 2-Fluorophenol	67.1		"	150		44.7	21-110			
Surrogate: Phenol-d6	45.6		"	150		30.4	10-110			
Surrogate: Nitrobenzene-d5	74.5		"	100		74.5	35-114			
Surrogate: 2-Fluorobiphenyl	75.9		"	100		75.9	43-116			
Surrogate: 2,4,6-Tribromophenol	97.3		"	150		64.9	10-123			
Surrogate: p-Terphenyl-d14	67.5		"	100		67.5	33-141			





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

Project: 6039 College Ave.
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Reported:
01/03/01 15:25

Notes and Definitions

- A-01 The method blank for this batch was contaminated with matrix spiking standard. Any reported values in the environmental samples in this batch for those analytes should be considered estimated.
- H-02 This sample was analyzed outside of EPA recommended hold time.
- I-02 This sample was analyzed outside of the EPA recommended holding time.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- Q-07 The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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.

1880 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1108
 FAX (408) 573-7771
 PHONE (408) 573-0558

CHAIN OF CUSTODY

CLIENT: 061120-14
 Equiva - Karen Petryna

SITE: 6039 College Ave.
 Oakland, CA

SAMPLE I.D.	Date	Time	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	PH-Diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010	EPA PA-70	oil and Grease
11-4	11/30/00	16	W	7		X	X					X	X

CONDUCT ANALYSIS TO DETECT

LAB SEQUOIA

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

EPA RWQCB REGION

LIA

OTHER

MJL0166

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995745

Send report to Blaine Tech Services

Attn: ~~Ann Pomeroy~~ Nick Sudano

ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			01
"IP 11-4 IS sampler confirm Highest # of Hit by P&C."			

SAMPLING COMPLETED: DATE 11/30/00 TIME 1637 SAMPLING PERFORMED BY ST/ White

RELEASED BY ST/ White DATE 12/1/00 TIME 8:40 RECEIVED BY James M. MH DATE 12/1 TIME 8:40

RELEASED BY ST/ White DATE 12/1/00 TIME 1258 RECEIVED BY OTD (SIB) DATE 12/1/00 TIME 1258

DATE SENT: _____ TIME SENT: _____ COOLER #: _____

WELL GAUGING DATA

Project # 001130-²⁻⁴ Date 11/30/00 Client Equipe # 204-5300-3301

Site 6039 College Ave. 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
MW1	4					17.90	24.40	TOC
MW2	4					17.00	24.14	↓
MW3	4					15.25	24.70	
MW4	4	Removed Steinner to gauge				17.67	24.30	
MW5	4					14.65	24.50	
MW6	2					14.28	24.14	
T1	4					—	4.15	
T2	4					7.50	7.97	

WELL DEVELOPMENT DATA SHEET

Project #: 001130504 Client: Eggers # 204-5528-3301
 Developer: Morgan L. Smith Date Developed: 1/30/00
 Well I.D. M13-4 Well Diameter: (circle one) 2 3 **4** 6
 Total Well Depth: _____ Depth to Water: _____
 Before 24.30 After _____ Before 11.67 After _____
 Reason not developed: _____ If Free Product. thickness: _____
 Additional Notations: _____

Volume Conversion Factors (VCF):
 $(12 \times (d^2) \times \pi) / 231$

Well dia.	VCF
2"	0.16
3"	0.37
4"	0.65
6"	1.47
10"	4.08
12"	5.87

12 = in / feet
 d = diameter (in.)
 π = 3.1416
 231 = in³/gal

4.31 Case Volume × ~~10~~ Specified Volumes = 43.1 gallons

Furging Device: Bailer Electric Submersible
 Middleburg Suction Pump

Type of Installed Pump _____
 Other equipment used: Squee Stick, Scrub Brush, Empty Skimmer - Ø

Imp @ 23'
 21.70
 MB pump
 @ 16.7'
 ES pump
 @ well.

TIME	TEMP (F)	pH	COND	TURBIDITY	VOLUME REMOVED:	NOTATIONS:	
15:37	64.7	6.4	526.8	>200	5	- Sucked well for 15 min	
15:38	65.2	6.5	518.0	>200	10	- Brushed casing from top to bottom - 30 min	
15:39	65.5	6.6	530.5	>200	15	with sump pump (priming)	
15:46	70.7	6.6	463.3	>200	20	- Inside of casing clean	
15:47	72.9	6.7	453.2	>200	25	- Start w/ E.S. pump + Spray inside of casing w/ D. H ₂ O ~ 1 gal.	
15:57	Stopped ES pump - Start MB pump					30	- Pure water Gray/Color
16:03	68.2	6.9	530.6	>200	30	Added bottle of surfactant not visible. Fine silt/sediment	
16:04	Stop MB pump - Start ES pump @ 20'					40	Stirring to clear up. Less silt. No silt. Still Turbid
	Lowered to bottom as water level dropped					45	
16:13	65.8	6.8	526	>200	35		
16:14	65.9	6.8	482	>200	40		
16:15	66.0	6.8	481	>200	45		
16:18	66.5	6.8	473	>200	50		

Time 22:10

Well Log Location: M Date: 1/30/00 Operator: 50

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>0011720-514</u>	Site: # <u>204-5500-3301</u>
Sampler: <u>Stegre / Mafum G.</u>	Date: <u>11/30/00</u>
Well I.D.: <u>MW 4</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>24.30</u>	Depth to Water: <u>17.07</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: _____ Sampling Method: Bailer

Bailer	Waterra	Disposable Bailer
Disposable Bailer	Peristaltic	Extraction Port
Middleburg	Extraction Pump	Dedicated Tubing
<u>Electric Submersible</u>	Other _____	Other: _____

4.30 (Gals.) X 3 = _____ Gals.

1 Case Volume Specified Volumes Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1630	65.2	6.7	518.6	→ 200	5	cloudy
1631	66.1	6.9	518.1	→ 200	10	
1635	62.8	6.9	411.1	→ 200	15	

Did well dewater? Yes No Gallons actually evacuated: 15

Sampling Time: 1627 Sampling Date: 11/30/00

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

Analyzed for: ~~TPH-G BTEX MTBE~~ TPH-D Other: EPA 7270, oil and Grease

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:	<u>3.3</u> mg/l
	O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: