R0486

Shell Oil Products US

February 18, 2005

Roseanna Garcia-La Grille
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: **Shell-branded Service Station**
4255 MacArthur Boulevard
Oakland, California

Dear Ms. Garcia-La Grille:

Attached for your review and comment is a copy of the *Fourth Quarter 2004 Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

As always, please feel free to contact me directly at (559) 645-9306 with any questions or concerns.

Sincerely,

Shell Oil Products US

Karen Petryna

Karen Petryna
Sr. Environmental Engineer

20945 S. Wilmington Ave., Carson, CA 90810 Phone (559) 645-9306 Facsimile (559) 645-5643

CAMBRIA

February 18, 2005

Ms. Roseanna Garcia-La Grille
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Fourth Quarter 2004 Monitoring Report**
Former Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, California
Incident #98995758
Cambria Project #247-0524-002

Dear Ms. Garcia-La Grille:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

HYDROCARBON REMOVAL SUMMARY

Groundwater Extraction (GWE): Monthly GWE using a vacuum truck was conducted intermittently at the site from April 1999 until September 2003. Mobile GWE vacuum operations consist of lowering dedicated stingers into selected monitoring wells and extracting fluids using a vacuum truck. The volume of extracted fluid is recorded and used to calculate the quantity of aqueous-phase hydrocarbon removed from the subsurface. To date, an estimated 15.1 pounds of liquid-phase hydrocarbons and 26.8 pounds of liquid-phase methyl tert-butyl ether (MTBE) have been removed from the site. GWE was discontinued at the site after September 2003 due to low pumping volumes.

Dual Phase Vapor Extraction (DVE): DVE is the process of applying high vacuum through an airtight well seal to simultaneously extract soil vapors from the vadose zone and enhance GWE from the saturated zone. For mobile DVE, a vacuum truck is used to create the vacuum and contain extracted fluids. Mobile DVE augmented hydrocarbon removal efforts from November 2000 to June 2001, from April 2002 through September 2003, and from July 2003 through September 2003. DVE was discontinued after September 2003 due to decreased mass removal. To date, the system has removed an estimated 26.4 pounds of vapor-phase hydrocarbons.

Cambria Environmental Technology, Inc.

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
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Separate Phase Hydrocarbons (SPH): SPH were observed periodically in wells MW-2 and MW-3 between 1994 and 1997. During that time, an estimated total of 21.8 pounds of SPH was removed from monitoring wells by manual bailing. SPH were observed in well MW-3 in the third quarter of 2002. During the fourth quarter of 2003 and the first and third quarters of 2004, SPH were observed in wells MW-2 and MW-3.

The table below summarizes the aqueous-, separate-, and vapor-phase hydrocarbon removal data for the site.

Mass Removal	Cumulative MTBE (lbs)	Cumulative Hydrocarbons (lbs)
Aqueous-Phase	26.8	15.1
Vapor-Phase	0.3	26.4
Separate-Phase	0.0	21.8
Total	27.1	63.3

FOURTH QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, gauged and sampled the site wells, calculated groundwater elevations, and compiled the gasoline constituents analytical data. Cambria prepared a vicinity map which includes previously submitted well survey information (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

Joint Groundwater Sampling: Cambria coordinated joint groundwater sampling with the adjacent ConocoPhillips (COP) service station #1156, located at the corner of High Street and MacArthur Boulevard, and used the coordinated sampling data to determine the groundwater elevation contours shown on Figure 2. The COP groundwater monitoring data and analytical results tables are included as Attachment B.

Additional Oxygenate Analysis: At Shell's request, wells sampled during the fourth quarter 2004 monitoring event were also analyzed for tertiary butyl alcohol (TBA). TBA was detected in

samples from wells MW-1, MW-2, MW-3, MW-4 and MW-5 at concentrations of 240 parts per billion (ppb), 26,000 ppb, 2,700 ppb, 4,300 ppb, and 13 ppb, respectively. Analytical results are included as Attachment A.

Potential Off-Site Source: MTBE concentrations in upgradient COP wells MW-2 and MW-7 and in Shell's well MW-2 are depicted graphically in Figure 3.

An elevated MTBE concentration was observed in Shell well MW-2 in the second quarter of 2000; however, it declined steadily until the second quarter of 2002. The current rebound in MTBE concentrations in Shell well MW-2 might be attributed to the observed upgradient COP MTBE plume. Increasing MTBE concentrations were detected in COP well MW-2 in the third quarter of 2000. Elevated concentrations were subsequently detected downgradient in COP well MW-7 in the fourth quarter of 2001. It is clear from the concentrations observed in COP wells MW-2 and MW-7 that the COP plume has migrated in the direction of the former Shell station and began to influence Shell well MW-2 beginning in the third quarter of 2002. Upon inquiry, COP has informed Shell that they intend to conduct periodic GWE from some of their monitoring wells.

ANTICIPATED FIRST AND SECOND QUARTER 2005 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample all wells and tabulate the data Cambria will prepare a monitoring report.

Joint Groundwater Sampling: Cambria will continue to coordinate joint sampling with the adjacent COP site and use the coordinated sampling data to determine groundwater elevation contours.

Subsurface Investigation: On May 17, 2004 Cambria submitted a *Subsurface Investigation Work Plan Addendum*, revising the September 22, 2003 work plan to investigate the extent of SPH. In the addendum, Cambria proposed advancing up to 12 soil borings with a cone penetration testing drill rig equipped with an ultraviolet induced fluorescence module to horizontally and vertically delineate the SPH plume in the vicinity of wells MW-2 and MW-3 (Figure 2). Cambria contacted Ms. Donna Drogos by phone in November 2004 to ascertain the review status of this work plan; however, no approval or comment on this work plan has been received to date. Per Shell's request, and in order to ascertain whether additional remediation is feasible and warranted, Cambria will implement the May 17, 2004 work plan addendum during the second quarter.

CLOSING

We appreciate the opportunity to work with you on this project. Please call David Gibbs at (510) 420-3363 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

David Gibbs
Project Geologist

Matthew W. Derby, P.E.
Senior Project Engineer

Figures: 1 - Vicinity/Area Well Survey Map
2 - Groundwater Elevation Contour Map
3 - MTBE Concentrations – MacArthur and High Streets, Oakland

Attachments: A - Blaine Groundwater Monitoring Report and Field Notes
B - COP 76 Service Station #1156 – Groundwater Monitoring Data and Analytical Results

cc: Karen Petryna, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
Roland C. Malone, Jr., PO Box 2744, Castro Valley, CA 94546
Walt Parrish, MacArthur/High Trailer Park, P.O. Box 5561, Eugene, OR 97405
Thomas H. Kosel, ConocoPhillips Company, 76 Broadway, Sacramento, CA 95818

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06/24/03

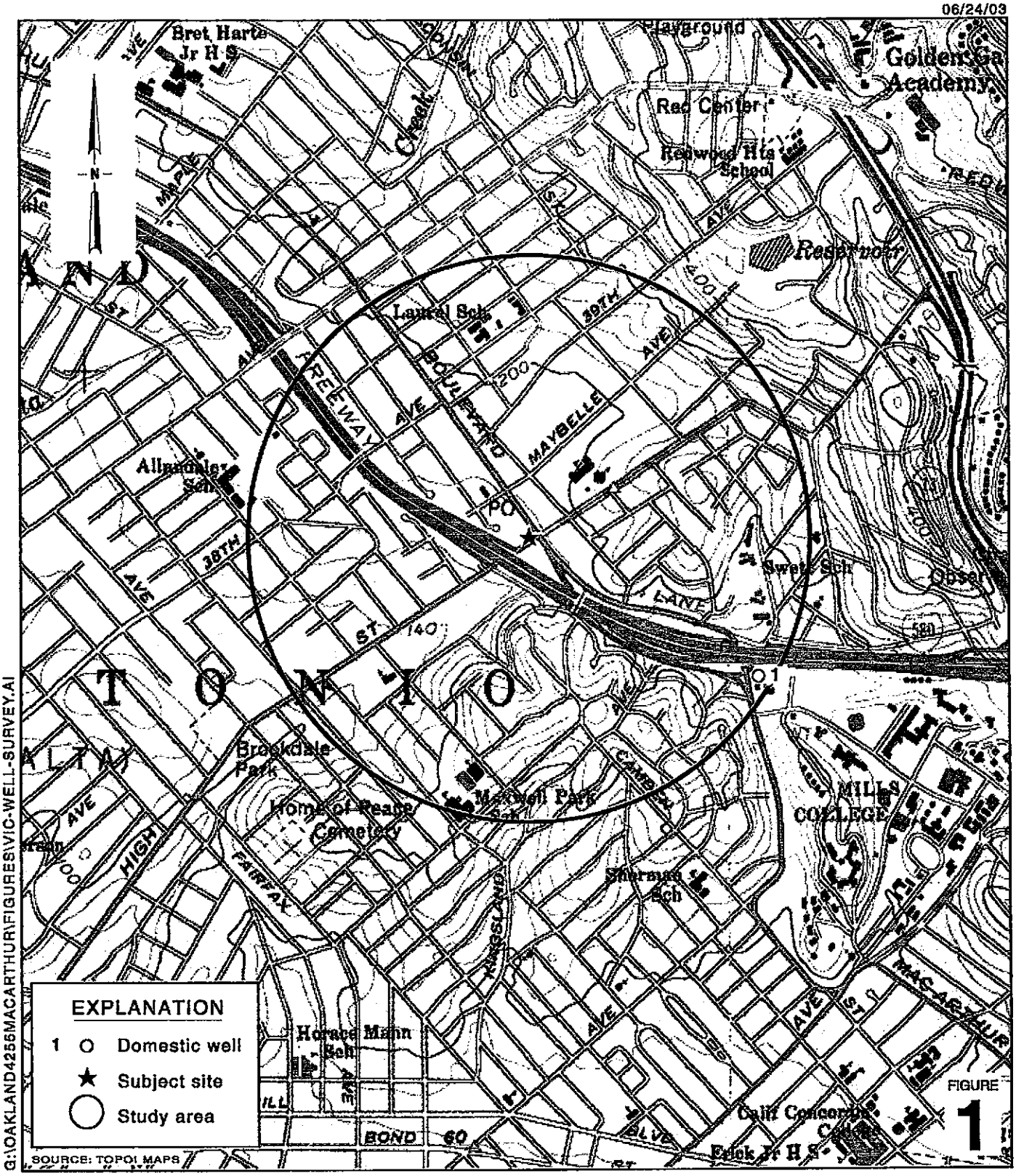

FIGURE 1

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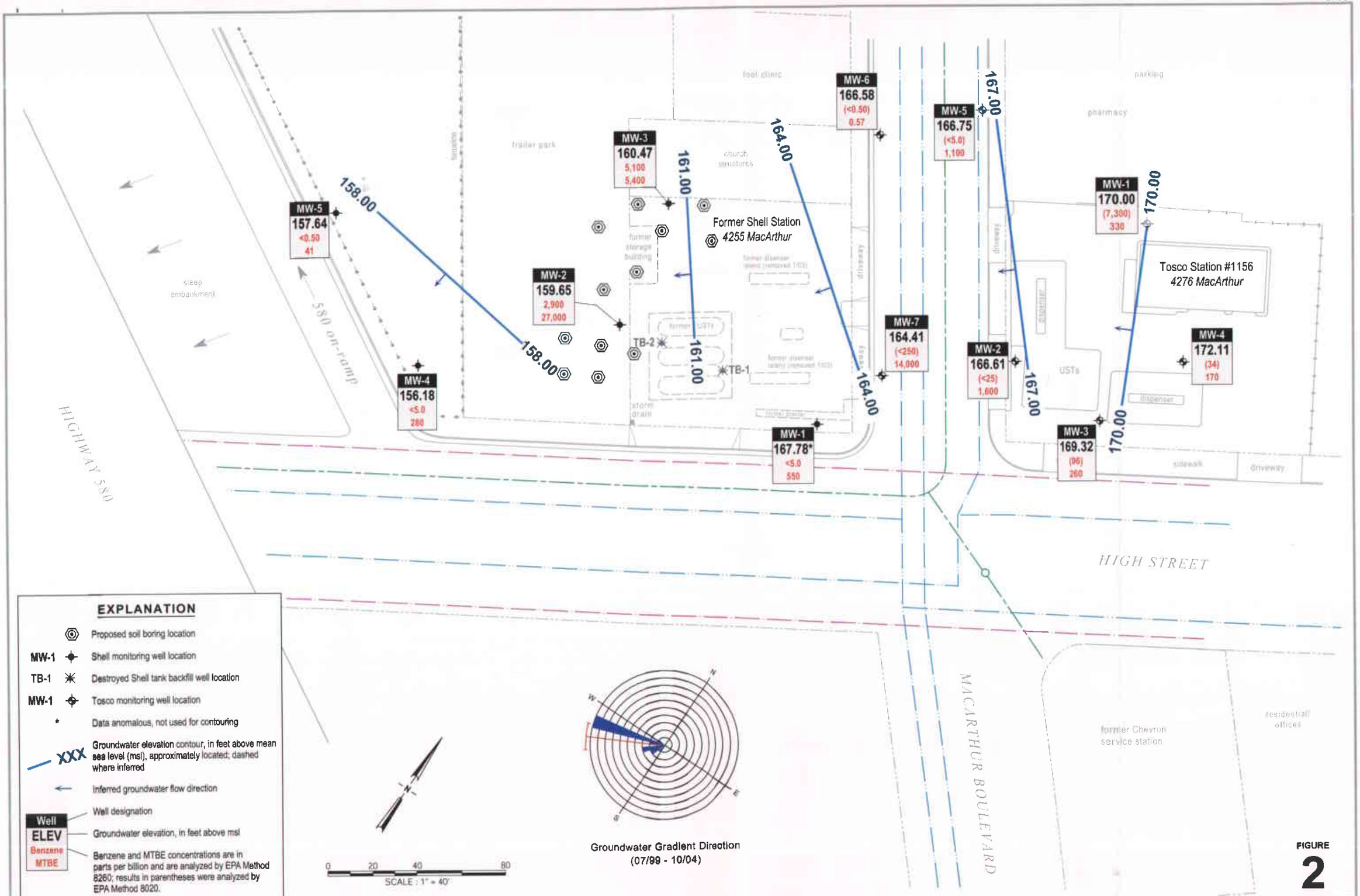
Former Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, California
Incident #98995758

CAMBRIA

Vicinity/Area Well Survey Map
(1/2 Mile Radius)

02/18/05

Groundwater Elevation Contour Map
October 25, 2004



EXPLANATION

- Proposed soil boring location
- MW-1 — Shell monitoring well location
- TB-1 — Destroyed Shell tank backfill well location
- MW-1 — Tosco monitoring well location
- * Data anomalous, not used for contouring
- XXX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located; dashed where inferred
- Inferred groundwater flow direction
- Well — Well designation
- ELEV — Groundwater elevation, in feet above msl
- Benzene / MTBE — Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260; results in parentheses were analyzed by EPA Method 8020.

0 20 40 80
SCALE : 1" = 40'

Groundwater Gradient Direction
(07/99 - 10/04)

FIGURE
2

Former Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, California
Incident #98995758

CAMBRIA

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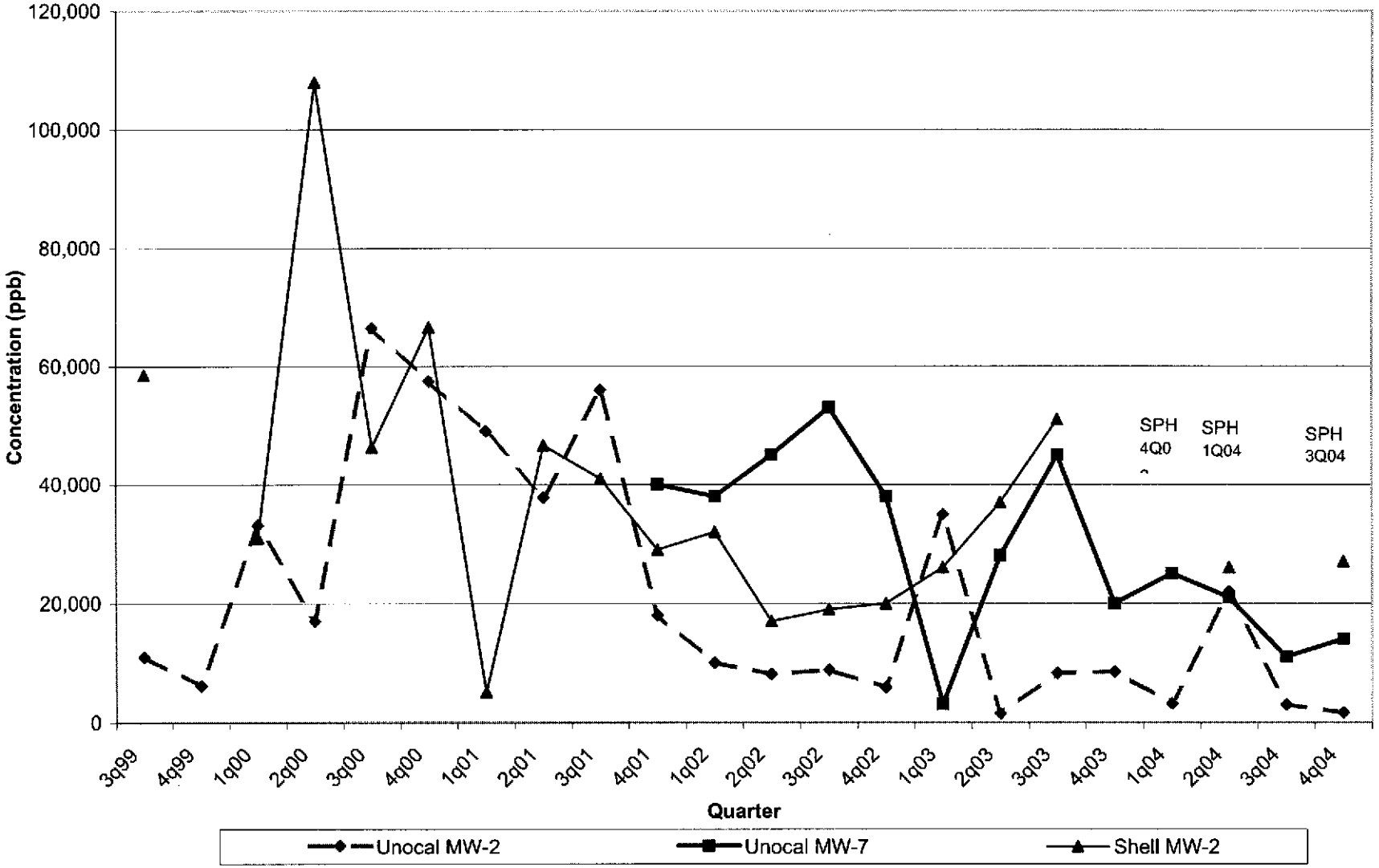
MTBE Concentrations
MacArthur & High Streets, Oakland



G:\Oakland 4255 MacArthur\QM\MacArthur&HighGraphs.xls: MacArthur&High

Figure 3

ATTACHMENT A

Blaine Groundwater Monitoring Report
and Field Notes

ATTACHMENT A

Blaine Groundwater Monitoring Report
and Field Notes

BLAINE
TECH SERVICES INC

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

November 24, 2004

Karen Petryna
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

Fourth Quarter 2004 Groundwater Monitoring at
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Monitoring performed on October 25, 2004

Groundwater Monitoring Report **041025-WC-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, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

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

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

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

Please call if you have any questions.

Yours truly,

Leon Gearhart
Project Coordinator

LG/ks

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

cc: Anni Kreml
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-1	11/17/1993	410	21	11	7.9	47	NA	NA	NA	NA	NA	NA	NA	175.79	8.59	NA	167.20	NA	NA	NA
MW-1	01/20/1994	1,200	180	19	48	47	NA	NA	NA	NA	NA	NA	NA	175.79	8.22	NA	167.57	NA	NA	NA
MW-1	04/25/1994	3,100	610	<10	130	27	NA	NA	NA	NA	NA	NA	NA	175.79	7.63	NA	168.16	NA	NA	NA
MW-1	07/07/1994	2,400	1,000	10	250	20	NA	NA	NA	NA	NA	NA	NA	175.79	8.31	NA	167.48	NA	NA	NA
MW-1	10/27/1994	2,200	500	3.1	72	1.8	NA	NA	NA	NA	NA	NA	NA	175.79	8.84	NA	166.95	NA	NA	NA
MW-1	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.79	7.60	NA	168.19	NA	NA	NA
MW-1	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.79	7.56	NA	168.23	NA	NA	NA
MW-1	01/13/1995	570	75	2.5	6.7	11	NA	NA	NA	NA	NA	NA	NA	175.79	7.11	NA	168.68	NA	NA	NA
MW-1	04/12/1995	1,800	480	<5.0	79	<5.0	NA	NA	NA	NA	NA	NA	NA	175.79	7.08	NA	168.71	NA	NA	NA
MW-1	07/25/1995	120	15	1.1	2.1	2.9	NA	NA	NA	NA	NA	NA	NA	175.79	7.73	NA	168.06	NA	NA	NA
MW-1 (D)	07/25/1995	300	88	2.4	11	6.5	NA	NA	NA	NA	NA	NA	NA	175.79	7.73	NA	168.06	NA	NA	NA
MW-1	10/18/1995	130	9.5	0.8	1.3	1.7	NA	NA	NA	NA	NA	NA	NA	175.79	8.42	NA	167.37	NA	NA	NA
MW-1 (D)	10/18/1995	120	11	0.8	1.4	1.8	NA	NA	NA	NA	NA	NA	NA	175.79	8.42	NA	167.37	NA	NA	NA
MW-1	01/17/1996	250	22	0.9	1.6	2.3	NA	NA	NA	NA	NA	NA	NA	175.79	7.83	NA	167.96	NA	NA	NA
MW-1	04/25/1996	<50	4.6	<0.5	<0.5	0.6	500b	NA	NA	NA	NA	NA	NA	175.79	7.35	NA	168.44	NA	NA	NA
MW-1	07/17/1996	<250	15	<2.5	<2.5	<2.5	540	NA	NA	NA	NA	NA	NA	175.79	7.70	NA	168.09	NA	NA	NA
MW-1	10/01/1996	1,200	500	12	57	82	1,900	NA	NA	NA	NA	NA	NA	175.79	8.07	NA	167.72	NA	NA	NA
MW-1	01/22/1997	640	170	4.3	33	33	1,200	NA	NA	NA	NA	NA	NA	175.79	7.21	NA	168.58	NA	NA	NA
MW-1	04/08/1997	<200	34	<2.0	3.3	4.3	950	NA	NA	NA	NA	NA	NA	175.79	7.75	NA	168.04	NA	NA	NA
MW-1 (D)	04/08/1997	<200	66	<2.0	6.4	8	740	NA	NA	NA	NA	NA	NA	175.79	7.75	NA	168.04	NA	NA	NA
MW-1	07/08/1997	190	49	1.2	5.8	8.6	560	NA	NA	NA	NA	NA	NA	175.79	8.01	NA	167.78	NA	NA	NA
MW-1	10/08/1997	<100	7	<1.0	<1.0	<1.0	620	NA	NA	NA	NA	NA	NA	175.79	8.10	NA	167.69	NA	NA	NA
MW-1	01/09/1998	970	390	12	48	71	1,200	NA	NA	NA	NA	NA	NA	175.79	7.14	NA	168.65	NA	NA	NA
MW-1	04/13/1998	<50	136	<0.50	1.5	1.8	170	NA	NA	NA	NA	NA	NA	175.79	6.78	NA	169.01	NA	NA	NA
MW-1	07/17/1998	2,500	750	11	88	67	150	NA	NA	NA	NA	NA	NA	175.79	7.28	NA	168.51	NA	NA	NA
MW-1	10/02/1998	8,000	970	36	270	440	35	NA	NA	NA	NA	NA	NA	175.79	7.77	NA	168.02	NA	NA	NA
MW-1	02/03/1999	210	56	0.82	<0.50	3.2	220	NA	NA	NA	NA	NA	NA	175.79	7.45	NA	168.34	NA	1.4	NA
MW-1	04/29/1999	<50	4.5	<0.50	0.56	<0.50	140	196	NA	NA	NA	NA	NA	175.79	7.58	NA	168.21	NA	1.2	140
MW-1	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	120	111*	NA	NA	NA	NA	NA	175.79	8.51	NA	167.28	NA	1.0	NA
MW-1	11/01/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.90	NA	NA	NA	NA	NA	NA	175.79	8.30	NA	167.49	NA	1.4	-71
MW-1	01/17/2000	<50	<0.50	<0.50	<0.50	<0.50	3.30	NA	NA	NA	NA	NA	NA	175.79	8.04	NA	167.75	NA	16.9	64
MW-1	04/17/2000	<50.0	1.08	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	175.79	8.00	NA	167.79	NA	1.8	112
MW-1	07/26/2000	125	54.3	2.16	5.45	9.86	33.1	NA	NA	NA	NA	NA	NA	175.79	7.52	NA	168.27	NA	13.2	-140

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-1	10/12/2000	101	40.7	2.68	3.00	5.18	25.0	NA	NA	NA	NA	NA	NA	175.79	7.71	NA	168.08	NA	>20	534
MW-1	01/15/2001	<50.0	0.633	<0.500	0.505	1.74	<2.50	NA	NA	NA	NA	NA	NA	175.79	7.33	NA	168.46	NA	16.9	-127
MW-1	04/09/2001	<50.0	<0.500	<0.500	<0.500	0.927	<2.50	NA	NA	NA	NA	NA	NA	175.79	7.68	NA	168.11	NA	12.8	-117
MW-1	07/24/2001	<50	4.0	0.65	0.53	1.3	NA	<5.0	NA	NA	NA	NA	NA	175.79	8.00	NA	167.79	NA	>20	43
MW-1	10/31/2001	<50	4.4	<0.50	<0.50	0.98	NA	<5.0	NA	NA	NA	NA	NA	175.79	7.94	NA	167.85	NA	13.6	123
MW-1	01/10/2002	<50	2.2	<0.50	<0.50	1.2	NA	6.1	NA	NA	NA	NA	NA	175.79	7.63	NA	168.16	NA	0.1	63
MW-1	04/25/2002	<50	2.0	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	175.79	7.76	NA	168.03	NA	0.3	54
MW-1	07/18/2002	<50	6.1	<0.50	<0.50	0.98	NA	<5.0	NA	NA	NA	NA	NA	175.79	8.29	NA	167.50	NA	1.1	32
MW-1	10/07/2002	500	17	14	11	60	NA	9.0	NA	NA	NA	NA	NA	175.76	8.34	NA	167.42	NA	2.8	-26
MW-1	01/06/2003	<50	12	<0.50	0.73	0.58	NA	14	NA	NA	NA	NA	NA	175.76	7.18	NA	168.58	NA	0.5	-22
MW-1	04/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	175.76	7.75	NA	168.01	NA	0.7	-24
MW-1	07/07/2003	<50	6.6	<0.50	<0.50	<1.0	NA	8.1	NA	NA	NA	<5.0	NA	175.76	7.75	NA	168.01	NA	0.5	16
MW-1	10/09/2003	<50	1.9	<0.50	<0.50	<1.0	NA	22	NA	NA	NA	<5.0	NA	175.76	8.45	NA	167.31	NA	0.7	80
MW-1	01/14/2004	<100	19	<1.0	<1.0	<2.0	NA	180	NA	NA	NA	63	NA	175.76	7.45	NA	168.31	NA	0.8	242
MW-1	04/28/2004	<50	2.1	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	33	NA	175.76	8.25	NA	167.51	NA	0.5	64
MW-1	07/12/2004	<50	2.5	<0.50	<0.50	<1.0	NA	120	<2.0	<2.0	<2.0	26	<50	175.76	6.20	NA	169.56	NA	0.5	72
MW-1	**10/25/2004**	**<500**	**<5.0**	**<5.0**	**<5.0**	**<10**	**NA**	**550**	**NA**	**NA**	**NA**	**240**	**NA**	**175.76**	**7.98**	**NA**	**167.78**	**NA**	**3.15**	**-72**
MW-2	11/17/1993	31,000	9,400	4,600	1,000	3,900	NA	NA	NA	NA	NA	NA	NA	170.91	12.31	NA	158.60	NA	NA	NA
MW-2	01/20/1994	40,000	6,900	5,600	780	4,100	NA	NA	NA	NA	NA	NA	NA	170.91	11.48	NA	159.43	NA	NA	NA
MW-2 (D)	01/20/1994	41,000	7,200	6,200	900	4,800	NA	NA	NA	NA	NA	NA	NA	170.91	11.48	NA	159.43	NA	NA	NA
MW-2	04/25/1994	60,000	9,300	6,100	1,400	6,200	NA	NA	NA	NA	NA	NA	NA	170.91	10.84	NA	160.07	NA	NA	NA
MW-2	07/07/1994	280,000a	40,000	26,000	8,100	32,000	NA	NA	NA	NA	NA	NA	NA	170.91	11.89	NA	159.02	NA	NA	NA
MW-2 (D)	07/07/1994	53,000	13,000	6,600	2,000	8,400	NA	NA	NA	NA	NA	NA	NA	170.91	11.89	NA	159.02	NA	NA	NA
MW-2	10/27/1994	130,000	14,000	12,000	2,400	13,000	NA	NA	NA	NA	NA	NA	NA	170.91	12.89	NA	158.02	NA	NA	NA
MW-2 (D)	10/27/1994	390,000	8,800	7,000	1,700	11,000	NA	NA	NA	NA	NA	NA	NA	170.91	12.89	NA	158.02	NA	NA	NA
MW-2	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.11	NA	161.80	NA	NA	NA
MW-2	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.22	NA	161.69	NA	NA	NA
MW-2	01/13/1995	75,000	5,900	12,000	3,100	17,000	NA	NA	NA	NA	NA	NA	NA	170.91	8.10	NA	162.81	NA	NA	NA
MW-2	04/12/1995	100,000	8,500	11,000	2,400	12,000	NA	NA	NA	NA	NA	NA	NA	170.91	10.12	NA	160.79	NA	NA	NA
MW-2 (D)	04/12/1995	80,000	4,200	9,300	2,500	12,000	NA	NA	NA	NA	NA	NA	NA	170.91	10.12	NA	160.79	NA	NA	NA
MW-2	07/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.53	NA	159.80	0.52	NA	NA
MW-2	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.02	NA	156.99	0.13	NA	NA
MW-2	01/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.27	NA	160.78	0.17	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-2	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.68	NA	159.25	0.03	NA	NA
MW-2	07/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.78	NA	158.81	0.48	NA	NA
MW-2	10/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.21	NA	156.70	0.28	NA	NA
MW-2	01/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.92	NA	160.08	0.11	NA	NA
MW-2	04/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.12	NA	156.95	0.20	NA	NA
MW-2	07/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.98	NA	156.08	0.19	NA	NA
MW-2	10/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.97	NA	157.98	0.05	NA	NA
MW-2	01/08/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.54	NA	158.43	0.08	NA	NA
MW-2	04/13/1998	180,000	2,800	5,200	2,400	13,000	71,000	NA	NA	NA	NA	NA	NA	170.91	10.05	NA	160.86	NA	NA	NA
MW-2	07/17/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.75	NA	159.24	0.10	NA	NA
MW-2	10/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	16.78	NA	154.22	0.11	NA	NA
MW-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.90	9.82	161.07	0.08	NA	NA
MW-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.86	9.81	161.09	0.05	NA	NA
MW-2	07/23/1999	65,800	6,500	4,480	1,960	8,960	46,600	58,500*	NA	NA	NA	NA	NA	170.91	14.45	NA	156.46	NA	1.4	NA
MW-2	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.84	11.81	159.09	0.03	NA	NA
MW-2	01/17/2000	46,000	6,000	2,400	1,500	5,500	50,000	31,000	NA	NA	NA	NA	NA	170.91	11.00	NA	159.91	NA	1.3	-54
MW-2	04/17/2000	96,300	8,150	10,200	2,820	14,900	112,000	108,000	NA	NA	NA	NA	NA	170.91	11.06	NA	159.85	NA	2.6	125
MW-2	07/26/2000	72,400	8,680	5,620	2,810	13,400	66,200	46,300	NA	NA	NA	NA	NA	170.91	12.82	NA	158.09	NA	2.2	113
MW-2	10/12/2000	63,200	5,840	4,180	2,310	11,100	61,200	66,600	NA	NA	NA	NA	NA	170.91	11.32	NA	159.59	NA	0.4	55
MW-2	01/15/2001	59,700	2,630	4,800	2,050	11,500	44,400	5,080	NA	NA	NA	NA	NA	170.91	10.19	NA	160.72	NA	1.1	-22
MW-2	04/09/2001	56,900	1,860	2,550	1,810	9,720	40,000	46,600	NA	NA	NA	NA	NA	170.91	11.15	NA	159.76	NA	1.0	-55
MW-2	07/24/2001	84,000	3,000	4,600	2,500	13,000	NA	41,000	NA	NA	NA	NA	NA	170.91	11.67	NA	159.24	NA	0.2	53
MW-2	10/31/2001	45,000	2,200	3,000	1,500	7,700	NA	29,000	<50	<50	<50	51,000	<500	170.91	11.04	NA	159.87	NA	1.2	-17
MW-2	01/10/2002	28,000	840	740	760	3,300	NA	32,000	NA	NA	NA	NA	NA	170.91	9.58	NA	161.33	NA	2.1	-76
MW-2	04/25/2002	41,000	1,900	2,000	1,200	6,900	NA	17,000	NA	NA	NA	NA	NA	170.91	11.40	NA	159.51	NA	0.8	-95
MW-2	07/18/2002	87,000	2,000	2,200	1,400	10,000	NA	19,000	NA	NA	NA	NA	NA	170.91	12.68	NA	158.23	NA	0.7	-34
MW-2	10/07/2002	110,000	3,900	6,700	2,700	15,000	NA	20,000	NA	NA	NA	NA	NA	170.88	11.58	NA	159.30	NA	1.4	-52
MW-2	01/06/2003	65,000	2,400	3,500	1,400	8,600	NA	26,000	NA	NA	NA	NA	NA	170.88	9.09	NA	161.79	NA	0.4	40
MW-2	04/07/2003	57,000	1,900	2,500	1,700	8,600	NA	37,000	NA	NA	NA	34,000	NA	170.88	11.08	NA	159.80	NA	1.0	60
MW-2	07/07/2003	34,000	4,000	4,200	1,600	8,500	NA	51,000	NA	NA	NA	44,000	NA	170.88	11.27	NA	159.61	NA	1.3	-17
MW-2	10/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.64	11.61	159.26	0.03	NA	NA
MW-2	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.88	11.84	159.03	0.04	NA	NA
MW-2	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	10.96	10.95	159.93	0.01	NA	NA
MW-2	04/28/2004	35,000	2,200	2,200	2,300	8,200	NA	26,000	NA	NA	NA	28,000	NA	170.88	11.05	NA	159.83	NA	0.1	-96

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-2	07/12/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.12	12.09	158.78	0.03	NA	NA
MW-2	**10/25/2004**	**60,000**	**2,900**	**2,300**	**2,300**	**7,600**	**NA**	**27,000**	**NA**	**NA**	**NA**	**26,000**	**NA**	**170.88**	**11.23**	**NA**	**159.65**	**NA**	**1.62**	**-69**
MW-3	11/17/1993	18,000	5,400	660	720	2,200	NA	NA	NA	NA	NA	NA	NA	174.61	15.40	NA	159.21	NA	NA	NA
MW-3	01/20/1994	55,000	13,000	2,600	2,200	6,500	NA	NA	NA	NA	NA	NA	NA	174.61	14.61	NA	160.00	NA	NA	NA
MW-3	04/25/1994	96,000	11,000	1,600	3,100	9,900	NA	NA	NA	NA	NA	NA	NA	174.61	13.12	NA	161.49	NA	NA	NA
MW-3 (D)	04/25/1994	78,000	12,000	1,900	2,600	7,300	NA	NA	NA	NA	NA	NA	NA	174.61	13.12	NA	161.49	NA	NA	NA
MW-3	07/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.54	NA	160.07	0.02	NA	NA
MW-3	10/27/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	15.62	NA	159.03	0.05	NA	NA
MW-3	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.83	NA	160.78	NA	NA	NA
MW-3	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.02	NA	160.59	NA	NA	NA
MW-3	01/13/1995	180,000	3,200	2,700	1,700	5,200	NA	NA	NA	NA	NA	NA	NA	174.61	12.13	NA	162.48	NA	NA	NA
MW-3 (D)	01/13/1995	23,000	4,000	690	960	3,000	NA	NA	NA	NA	NA	NA	NA	174.61	12.13	NA	162.48	NA	NA	NA
MW-3	04/12/1995	56,000	8,700	1,500	2,100	6,300	NA	NA	NA	NA	NA	NA	NA	174.61	12.96	NA	161.65	NA	NA	NA
MW-3	07/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.28	NA	160.38	0.06	NA	NA
MW-3	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	15.88	NA	158.77	0.05	NA	NA
MW-3	01/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.86	NA	160.94	0.24	NA	NA
MW-3	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.82	NA	160.81	0.02	NA	NA
MW-3	07/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	16.11	NA	158.52	0.03	NA	NA
MW-3	10/01/1996	46,000	7,300	530	1,700	3,900	3,200	NA	NA	NA	NA	NA	NA	174.61	16.56	NA	158.05	NA	NA	NA
MW-3 (D)	10/01/1996	47,000	7,100	530	1,700	4,000	2,900	NA	NA	NA	NA	NA	NA	174.61	16.56	NA	158.05	NA	NA	NA
MW-3	01/22/1997	82,000	5,200	1,300	2,800	8,900	1,100	NA	NA	NA	NA	NA	NA	174.61	13.07	NA	161.54	NA	NA	NA
MW-3 (D)	01/22/1997	61,000	8,400	1,100	2,300	7,000	2,700	NA	NA	NA	NA	NA	NA	174.61	13.07	NA	161.54	NA	NA	NA
MW-3	04/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	17.09	NA	157.54	0.03	NA	NA
MW-3	07/08/1997	56,000	8,800	580	2,000	4,900	2,800	NA	NA	NA	NA	NA	NA	174.61	15.85	NA	158.76	NA	NA	NA
MW-3	10/08/1997	48,000	8,000	590	1,700	3,400	5,100	NA	NA	NA	NA	NA	NA	174.61	16.22	NA	158.39	NA	NA	NA
MW-3	01/08/1998	47,000	9,400	810	2,300	4,700	6,300	NA	NA	NA	NA	NA	NA	174.61	13.80	NA	160.81	NA	NA	NA
MW-3 (D)	01/08/1998	48,000	8,100	750	2,000	4,100	5,800	NA	NA	NA	NA	NA	NA	174.61	13.80	NA	160.81	NA	NA	NA
MW-3	04/13/1998	32,000	6,800	540	1,400	3,400	4,000	NA	NA	NA	NA	NA	NA	174.61	12.97	NA	161.64	NA	NA	NA
MW-3 (D)	04/13/1998	36,000	7,300	660	1,600	3,700	4,000	NA	NA	NA	NA	NA	NA	174.61	12.97	NA	161.64	NA	NA	NA
MW-3	07/17/1998	71,000	11,000	590	2,200	6,900	3,900	NA	NA	NA	NA	NA	NA	174.61	11.51	NA	163.10	NA	NA	NA
MW-3 (D)	07/17/1998	76,000	12,000	700	2,600	8,000	3,000	NA	NA	NA	NA	NA	NA	174.61	11.51	NA	163.10	NA	NA	NA
MW-3	10/02/1998	66,000	8,900	510	2,000	4,900	4,600	NA	NA	NA	NA	NA	NA	174.61	16.50	NA	158.11	NA	NA	NA
MW-3 (D)	10/02/1998	59,000	9,400	460	2,000	4,900	4,700	NA	NA	NA	NA	NA	NA	174.61	16.50	NA	158.11	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-3	02/03/1999	36,000	6,800	300	1,600	2,900	18,000	NA	NA	NA	NA	NA	NA	174.61	15.21	NA	159.40	NA	1.3	NA
MW-3	04/29/1999	45,000	8,100	580	2,200	5,800	4,700	5,150	NA	NA	NA	NA	NA	174.61	15.43	NA	159.18	NA	1.5	-68
MW-3	07/23/1999	29,400	3,540	215	810	3,800	4,720	6,950*	NA	NA	NA	NA	NA	174.61	14.95	NA	159.66	NA	1.3	NA
MW-3	11/01/1999	20,000	4,190	294	1,060	1,740	5,540	8,590	NA	NA	NA	NA	NA	174.61	14.66	NA	159.95	NA	0.6	-110
MW-3	01/17/2000	17,000	3,900	89	1,100	1,200	7,900	NA	NA	NA	NA	NA	NA	174.61	13.94	NA	160.67	NA	1.3	-40
MW-3	04/17/2000	28,100	5,240	247	1,540	2,750	16,600	NA	NA	NA	NA	NA	NA	174.61	14.00	NA	160.61	NA	1.1	-86
MW-3	07/26/2000	24,300	6,680	159	1,610	1,640	17,100	NA	NA	NA	NA	NA	NA	174.61	13.72	NA	160.89	NA	0.9	-70
MW-3	10/12/2000	14,300	2,630	86.7	241	1,360	16,300	NA	NA	NA	NA	NA	NA	174.61	14.15	NA	160.46	NA	0.9	50
MW-3	01/15/2001	22,100	4,400	266	977	2,990	13,200	NA	NA	NA	NA	NA	NA	174.61	13.05	NA	161.56	NA	1.3	-40
MW-3	04/09/2001	33,800	7,100	147	1,700	2,660	13,000	NA	NA	NA	NA	NA	NA	174.61	13.59	NA	161.02	NA	0.6	-56
MW-3	07/24/2001	220,000	5,600	1,900	4,400	19,000	NA	12,000	NA	NA	NA	NA	NA	174.61	14.43	NA	160.18	NA	0.4	29
MW-3	10/31/2001	65,000	2,700	510	1,800	7,200	NA	9,800	<20	<20	<20	5,200	<500	174.61	14.59	NA	160.02	NA	0.9	-27
MW-3	01/10/2002	66,000	2,400	490	1,700	6,600	NA	5,500	NA	NA	NA	NA	NA	174.61	12.65	NA	161.96	NA	1.7	-76
MW-3	04/25/2002	55,000	4,600	460	2,400	6,900	NA	8,100	NA	NA	NA	NA	NA	174.61	14.13	NA	160.48	NA	1.2	-96
MW-3	07/18/2002	56,000	3,300	270	1,700	5,000	NA	8,400	NA	NA	NA	NA	NA	174.61	15.48	15.45	159.15	0.03	0.8	-41
MW-3	10/07/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.60	14.40	160.15	0.20	NA	NA
MW-3	01/06/2003	57,000	3,200	330	1,800	5,400	NA	5,100	NA	NA	NA	NA	NA	174.59	11.62	11.60	162.99	0.02	0.4	33
MW-3	04/07/2003	57,000	6,200	500	2,400	6,700	NA	8,200	NA	NA	NA	3,900	NA	174.59	13.80	NA	160.79	NA	0.5	61
MW-3	07/07/2003	28,000	4,900	300	1,500	4,100	NA	7,900	NA	NA	NA	4,700	NA	174.59	14.00	NA	160.59	NA	1.0	-11
MW-3	10/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.44	14.36	160.21	0.08	NA	NA
MW-3	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.68	14.61	159.97	0.07	NA	NA
MW-3	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	12.47	12.45	162.14	0.02	NA	NA
MW-3	04/28/2004	32,000	7,300	190	2,100	4,300	NA	3,700	NA	NA	NA	2,500	NA	174.59	13.66	NA	160.93	NA	0.1	-16
MW-3	07/12/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.87	14.83	159.75	0.04	NA	NA
MW-3	**10/25/2004**	**49,000**	**5,100**	**61**	**1,800**	**3,600**	**NA**	**5,400**	**NA**	**NA**	**NA**	**2,700**	**NA**	**174.59**	**14.12**	**NA**	**160.47**	**NA**	**2.70**	**-59**
MW-4	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	164.06	6.62	NA	157.44	NA	NA	NA
MW-4	11/28/1994	2,900	200	17	76	260	NA	NA	NA	NA	NA	NA	NA	164.06	6.11	NA	157.95	NA	NA	NA
MW-4	01/13/1995	1,900	130	5.6	13	40	NA	NA	NA	NA	NA	NA	NA	164.06	6.05	NA	158.01	NA	NA	NA
MW-4	04/12/1995	680	150	<2.0	10	13	NA	NA	NA	NA	NA	NA	NA	164.06	6.31	NA	157.75	NA	NA	NA
MW-4	07/25/1995	340	100	0.8	8.8	3	NA	NA	NA	NA	NA	NA	NA	164.06	7.36	NA	156.70	NA	NA	NA
MW-4	10/18/1995	150	31	<0.5	3.5	0.8	NA	NA	NA	NA	NA	NA	NA	164.06	8.54	NA	155.52	NA	NA	NA
MW-4	01/17/1996	290	14	<0.5	1.8	0.8	NA	NA	NA	NA	NA	NA	NA	164.06	8.48	NA	155.58	NA	NA	NA
MW-4	04/25/1996	<500	65	<5	<5	<5	1,700	NA	NA	NA	NA	NA	NA	164.06	7.40	NA	156.66	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-4 (D)	04/25/1996	<500	66	<5	8.7	<5	1,500	NA	NA	NA	NA	NA	NA	164.06	7.40	NA	156.66	NA	NA	NA
MW-4	07/17/1996	<500	84	<5.0	6.5	<5.0	1,500	NA	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	NA	NA
MW-4 (D)	07/17/1996	<500	54	<5.0	<5.0	<5.0	1,700	2,100	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	NA	NA
MW-4	10/01/1996	<500	1.9	<5.0	<5.0	<5.0	3,000	NA	NA	NA	NA	NA	NA	164.06	8.82	NA	155.24	NA	NA	NA
MW-4	01/22/1997	580	130	<2.5	18	5.2	1,200	NA	NA	NA	NA	NA	NA	164.06	7.51	NA	156.55	NA	NA	NA
MW-4	04/08/1997	770	200	7	26	55	1,500	8	NA	NA	NA	NA	NA	164.06	7.18	NA	156.88	NA	NA	NA
MW-4	07/08/1997	570	78	<5.0	14	11	1,200	NA	NA	NA	NA	NA	NA	164.06	9.00	NA	155.06	NA	NA	NA
MW-4 (D)	07/08/1997	640	81	<5.0	16	19	1,600	NA	NA	NA	NA	NA	NA	164.06	9.00	NA	155.06	NA	NA	NA
MW-4	10/08/1997	<500	40	<5.0	7.4	5.4	1,400	NA	NA	NA	NA	NA	NA	164.06	8.97	NA	155.09	NA	NA	NA
MW-4 (D)	10/08/1997	<500	36	<5.0	5.9	<5.0	1,400	NA	NA	NA	NA	NA	NA	164.06	8.97	NA	155.09	NA	NA	NA
MW-4	01/08/1998	<1,000	55	<10	13	<10	2,000	NA	NA	NA	NA	NA	NA	164.06	7.90	NA	156.16	NA	NA	NA
MW-4	04/13/1998	350	110	2.4	20	26	<2.5	NA	NA	NA	NA	NA	NA	164.06	7.35	NA	156.71	NA	NA	NA
MW-4	07/17/1998	210	66	0.78	5.4	9.8	1,700	NA	NA	NA	NA	NA	NA	164.06	6.95	NA	157.11	NA	NA	NA
MW-4	10/02/1998	<50	0.69	<0.50	<0.50	<0.50	2,900	NA	NA	NA	NA	NA	NA	164.06	7.35	NA	156.71	NA	NA	NA
MW-4	02/03/1999	560	120	2.5	29	34	6,800	NA	NA	NA	NA	NA	NA	164.06	7.71	NA	156.35	NA	0.9	NA
MW-4	04/29/1999	390	80	1.9	13	19	7,000	8,360	NA	NA	NA	NA	NA	164.06	7.83	NA	156.23	NA	1.1	-125
MW-4	07/23/1999	460	93.6	8.40	25.2	28.8	3,760	6,000*	NA	NA	NA	NA	NA	164.06	11.33	NA	152.73	NA	0.9	NA
MW-4	11/01/1999	77.3	0.520	<0.500	<0.500	<0.500	539	NA	NA	NA	NA	NA	NA	164.06	10.66	NA	153.40	NA	2.8	3
MW-4	01/17/2000	160	27	<0.50	12	6.3	12,000	NA	NA	NA	NA	NA	NA	164.06	10.15	NA	153.91	NA	3.9	-17
MW-4	04/17/2000	<500	26	6.38	9.35	10.4	9,070	NA	NA	NA	NA	NA	NA	164.06	10.10	NA	153.96	NA	1.7	-129
MW-4	07/26/2000	<500	22.7	<5.00	7.59	6.96	7,660	NA	NA	NA	NA	NA	NA	164.06	10.09	NA	153.97	NA	1.4	-137
MW-4	10/12/2000	172	19.8	<0.500	7.47	4.50	8,290	NA	NA	NA	NA	NA	NA	164.06	9.35	NA	154.71	NA	3.5	529
MW-4	01/15/2001	53.6	1.50	<0.500	2.45	1.80	9,260	NA	NA	NA	NA	NA	NA	164.06	8.77	NA	155.29	NA	2.3	53
MW-4	04/09/2001	<500	<5.00	<5.00	<5.00	5.52	10,300	NA	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	1.0	-133
MW-4	07/24/2001	58	3.8	<0.50	3.2	2.9	NA	1,700	NA	NA	NA	NA	NA	164.06	10.07	NA	153.99	NA	0.5	106
MW-4	10/31/2001	<1,000	<10	<10	<10	<10	NA	7,400	NA	NA	NA	NA	NA	164.06	9.97	NA	154.09	NA	0.8	22
MW-4	01/10/2002	<2,000	<20	<20	<20	<20	NA	12,000	NA	NA	NA	NA	NA	164.06	8.53	NA	155.53	NA	8.9	224
MW-4	04/25/2002	<2,000	<20	<20	<20	<20	NA	7,900	NA	NA	NA	NA	NA	164.06	7.33	NA	156.73	NA	3.6	-84
MW-4	07/18/2002	<2,000	<20	<20	<20	<20	NA	7,200	NA	NA	NA	NA	NA	164.06	9.05	NA	155.01	NA	1.7	120
MW-4	10/07/2002	<1,000	<10	<10	<10	<10	NA	3,300	NA	NA	NA	NA	NA	164.03	9.06	NA	154.97	NA	2.5	33
MW-4	01/06/2003	<500	21	<5.0	<5.0	<5.0	NA	2,500	NA	NA	NA	NA	NA	164.03	7.09	NA	156.94	NA	0.5	55
MW-4	04/07/2003	<2,500	<25	<25	<25	<50	NA	1,700	NA	NA	NA	5,900	NA	164.03	8.26	NA	155.77	NA	1.2	69
MW-4	07/07/2003	<2,500	<25	<25	<25	<50	NA	860	NA	NA	NA	6,900	NA	164.03	8.92	NA	155.11	NA	0.5	-3
MW-4	10/09/2003	<500	<5.0	<5.0	<5.0	<10	NA	420	NA	NA	NA	6,700	NA	164.03	8.91	NA	155.12	NA	0.7	171

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-4	01/14/2004	<1,000	24	<10	<10	<20	NA	500	NA	NA	NA	7,200	NA	164.03	8.34	NA	155.69	NA	1.2	140
MW-4	04/28/2004	<500	6.0	<5.0	<5.0	<10	NA	310	NA	NA	NA	5,200	NA	164.03	7.55	NA	156.48	NA	0.4	69
MW-4	07/12/2004	<500	11	<5.0	7.8	<10	NA	370	<20	<20	<20	5,900	<500	164.03	8.12	NA	155.91	NA	0.5	142
MW-4	**10/25/2004**	**<500**	**<5.0**	**<5.0**	**5.6**	**<10**	**NA**	**280**	**NA**	**NA**	**NA**	**4,300**	**NA**	**164.03**	**7.85**	**NA**	**156.18**	**NA**	**1.90**	**-70**
MW-5	01/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.62	NA	NA	NA	NA	NA
MW-5	01/10/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	NA	164.06	5.88	NA	158.18	NA	3.3	172
MW-5	04/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	73	NA	NA	NA	NA	NA	164.06	6.81	NA	157.25	NA	0.3	-44
MW-5	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	75	NA	NA	NA	NA	NA	164.06	7.38	NA	156.68	NA	0.4	170
MW-5	10/07/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	41	NA	NA	NA	NA	NA	164.14	6.75	NA	157.39	NA	1.5	16
MW-5	01/06/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	81	NA	NA	NA	NA	NA	164.14	5.96	NA	158.18	NA	0.6	166
MW-5	04/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	77	NA	NA	NA	28	NA	164.14	6.51	NA	157.63	NA	0.8	174
MW-5	07/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	32	NA	NA	NA	23	NA	164.14	6.44	NA	157.70	NA	0.3	-17
MW-5	10/09/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	59	NA	NA	NA	40	NA	164.14	7.05	NA	157.09	NA	0.9	17
MW-5	01/14/2004	<50	<0.50	0.76	<0.50	<1.0	NA	47	NA	NA	NA	17	NA	164.14	6.29	NA	157.85	NA	1.6	209
MW-5	04/28/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	11	NA	164.14	6.84	NA	157.30	NA	0.4	136
MW-5	07/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	47	<2.0	<2.0	<2.0	12	<50	164.14	7.57	NA	156.57	NA	0.4	90
MW-5	**10/25/2004**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**41**	**NA**	**NA**	**NA**	**13**	**NA**	**164.14**	**6.50**	**NA**	**157.64**	**NA**	**1.74**	**-21**
TB-1	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.00	NA	NA	NA	3.8	-132
TB-1	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.65	NA	NA	NA	0.2	-165
TB-1	01/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.72	NA	NA	NA	0.8	-178
TB-1	04/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.65	NA	NA	NA	0.5	-152
TB-1	07/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.13	NA	NA	NA	1.0	-124
TB-1	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.20	NA	NA	NA	0.7	-73
TB-1	01/15/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.09	NA	NA	NA	1.2	-118
TB-1	04/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.96	NA	NA	NA	1.0	-72
TB-1	07/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.03	NA	NA	NA	1.4	31
TB-1	10/31/2001	1,000	85	<10	<10	42	NA	4,100	NA	NA	NA	NA	NA	NA	5.89	NA	NA	NA	1.8	88
TB-1	01/10/2002	5,000	410	390	65	620	NA	9,000	NA	NA	NA	NA	NA	NA	7.47	NA	NA	NA	2.0	95
TB-1	04/25/2002	5,000	780	60	49	91	NA	6,000	NA	NA	NA	NA	NA	NA	11.71	NA	NA	NA	1.7	-136
TB-1	07/18/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.50	NA	NA	NA	NA	NA
TB-1	10/07/2002	4,600	480	36	98	200	NA	4,000	NA	NA	NA	NA	NA	NA	12.95	NA	NA	NA	1.6	-48
TB-1	01/06/2003	130	30	<0.50	<0.50	0.78	NA	330	NA	NA	NA	NA	NA	NA	5.56	NA	NA	NA	0.4	-20

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
TB-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.76	NA	NA	NA	4.2	-108
TB-2	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.33	NA	NA	NA	0.5	-148
TB-2	01/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.79	NA	NA	NA	0.7	-162
TB-2	04/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.75	NA	NA	NA	0.9	-121
TB-2	07/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.73	NA	NA	NA	0.9	-85
TB-2	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.05	NA	NA	NA	0.6	-47
TB-2	01/15/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.87	NA	NA	NA	0.7	-91
TB-2	04/09/2001	46,600	1,240	1,310	1,110	12,100	31,300	NA	NA	NA	NA	NA	NA	NA	3.76	NA	NA	NA	0.8	-24
TB-2	07/24/2001	11,000	630	<25	310	200	NA	11,000	NA	NA	NA	NA	NA	NA	4.75	NA	NA	NA	0.4	-51
TB-2	10/31/2001	7,500	530	1,500	100	500	NA	2,500	NA	NA	NA	NA	NA	NA	4.24	NA	NA	NA	0.6	-7
TB-2	01/10/2002	<5,000	480	47	34	110	NA	12,000	NA	NA	NA	NA	NA	NA	6.26	NA	NA	NA	1.3	-81
TB-2	04/25/2002	4,700	470	140	<20	80	NA	7,400	NA	NA	NA	NA	NA	NA	11.78	NA	NA	NA	0.9	-107
TB-2	07/18/2002	7,500	630	650	<25	390	NA	44,000	NA	NA	NA	NA	NA	NA	12.34	NA	NA	NA	0.9	-67
TB-2	10/07/2002	<10,000	580	<100	<100	180	NA	30,000	NA	NA	NA	NA	NA	NA	11.62	NA	NA	NA	1.0	-41
TB-2	01/06/2003	120	4.8	<0.50	<0.50	2.0	NA	220	NA	NA	NA	NA	NA	NA	4.35	NA	NA	NA	0.5	-515

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 24, 2001, analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 24, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable
DO = Dissolved Oxygens
ppm = Parts per million
ORP = Oxidation Reduction Potential
mV = Millivolts

Notes:
a = Ground water surface had a sheen when sampled.
b = MTBE value is estimated by Sequoia Analytical of Redwood City, CA.
* = Sample analyzed outside the EPA recommended holding time.
Ethanol analyzed by EPA Method 8260B.
Site surveyed March 14, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.
When separate-phase hydrocarbons are present, ground water elevation is adjusted using the relation: Corrected ground water elevation = Top-of-Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).

SEVERN TRENT STL

Submission#: 2004-10-0830

Blaine Tech Services, Inc.

November 09, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 041025-WC2
Project: 98995758
Site: 4255 MacArthur Boulevard, Oakland

Dear Mr.Gearhart,

Attached is our report for your samples received on 10/26/2004 15:27
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 12/10/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	10/25/2004 16:17	Water	1
MW-2	10/25/2004 16:39	Water	2
MW-3	10/25/2004 16:27	Water	3
MW-4	10/25/2004 15:17	Water	4
MW-5	10/25/2004 15:49	Water	5

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Prep(s): 5030B

Test(s): 8260B

Sample ID: **MW-1**

Lab ID: 2004-10-0830 - 1

Sampled: 10/25/2004 16:17

Extracted: 11/1/2004 15:08

Matrix: Water

QC Batch#: 2004/11/01-1A.65

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	500	ug/L	10.00	11/01/2004 15:08	
Benzene	ND	5.0	ug/L	10.00	11/01/2004 15:08	
Toluene	ND	5.0	ug/L	10.00	11/01/2004 15:08	
Ethylbenzene	ND	5.0	ug/L	10.00	11/01/2004 15:08	
Total xylenes	ND	10	ug/L	10.00	11/01/2004 15:08	
tert-Butyl alcohol (TBA)	240	50	ug/L	10.00	11/01/2004 15:08	
Methyl tert-butyl ether (MTBE)	550	5.0	ug/L	10.00	11/01/2004 15:08	
Surrogate(s)						
1,2-Dichloroethane-d4	103.4	76-130	%	10.00	11/01/2004 15:08	
Toluene-d8	95.4	78-115	%	10.00	11/01/2004 15:08	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Prep(s): 5030B
Test(s): 8260B

Sample ID: **MW-2**
Lab ID: 2004-10-0830 - 2

Sampled: 10/25/2004 16:39
Extracted: 10/30/2004 16:28

Matrix: Water
QC Batch#: 2004/10/30-1A.65

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	60000	25000	ug/L	500.00	10/30/2004 16:28	
Benzene	2900	250	ug/L	500.00	10/30/2004 16:28	
Toluene	2300	250	ug/L	500.00	10/30/2004 16:28	
Ethylbenzene	2300	250	ug/L	500.00	10/30/2004 16:28	
Total xylenes	7600	500	ug/L	500.00	10/30/2004 16:28	
tert-Butyl alcohol (TBA)	26000	2500	ug/L	500.00	10/30/2004 16:28	
Methyl tert-butyl ether (MTBE)	27000	250	ug/L	500.00	10/30/2004 16:28	
Surrogate(s)						
1,2-Dichloroethane-d4	105.3	76-130	%	500.00	10/30/2004 16:28	
Toluene-d8	91.8	78-115	%	500.00	10/30/2004 16:28	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Prep(s): 5030B
Test(s): 8260B

Sample ID: **MW-3**
Lab ID: 2004-10-0830 - 3

Sampled: 10/25/2004 16:27
Extracted: 11/1/2004 15:31

Matrix: Water
QC Batch#: 2004/11/01-1A.65

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	49000	5000	ug/L	100.00	11/01/2004 15:31	
Benzene	5100	50	ug/L	100.00	11/01/2004 15:31	
Toluene	61	50	ug/L	100.00	11/01/2004 15:31	
Ethylbenzene	1800	50	ug/L	100.00	11/01/2004 15:31	
Total xylenes	3600	100	ug/L	100.00	11/01/2004 15:31	
tert-Butyl alcohol (TBA)	2700	500	ug/L	100.00	11/01/2004 15:31	
Methyl tert-butyl ether (MTBE)	5400	50	ug/L	100.00	11/01/2004 15:31	
Surrogate(s)						
1,2-Dichloroethane-d4	97.4	76-130	%	100.00	11/01/2004 15:31	
Toluene-d8	94.0	78-115	%	100.00	11/01/2004 15:31	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Prep(s): 5030B

Test(s): 8260B

Sample ID: **MW-4**

Lab ID: 2004-10-0830 - 4

Sampled: 10/25/2004 15:17

Extracted: 10/30/2004 17:14

Matrix: Water

QC Batch#: 2004/10/30-1A.65

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	500	ug/L	10.00	10/30/2004 17:14	
Benzene	ND	5.0	ug/L	10.00	10/30/2004 17:14	
Toluene	ND	5.0	ug/L	10.00	10/30/2004 17:14	
Ethylbenzene	5.6	5.0	ug/L	10.00	10/30/2004 17:14	
Total xylenes	ND	10	ug/L	10.00	10/30/2004 17:14	
tert-Butyl alcohol (TBA)	4300	50	ug/L	10.00	10/30/2004 17:14	
Methyl tert-butyl ether (MTBE)	280	5.0	ug/L	10.00	10/30/2004 17:14	
Surrogate(s)						
1,2-Dichloroethane-d4	101.4	76-130	%	10.00	10/30/2004 17:14	
Toluene-d8	92.3	78-115	%	10.00	10/30/2004 17:14	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Prep(s): 5030B
Sample ID: **MW-5**
Sampled: 10/25/2004 15:49
Matrix: Water

Test(s): 8260B
Lab ID: 2004-10-0830 - 5
Extracted: 10/30/2004 17:38
QC Batch#: 2004/10/30-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	10/30/2004 17:38	
Benzene	ND	0.50	ug/L	1.00	10/30/2004 17:38	
Toluene	ND	0.50	ug/L	1.00	10/30/2004 17:38	
Ethylbenzene	ND	0.50	ug/L	1.00	10/30/2004 17:38	
Total xylenes	ND	1.0	ug/L	1.00	10/30/2004 17:38	
tert-Butyl alcohol (TBA)	13	5.0	ug/L	1.00	10/30/2004 17:38	
Methyl tert-butyl ether (MTBE)	41	0.50	ug/L	1.00	10/30/2004 17:38	
Surrogate(s)						
1,2-Dichloroethane-d4	102.0	76-130	%	1.00	10/30/2004 17:38	
Toluene-d8	93.2	78-115	%	1.00	10/30/2004 17:38	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2004/10/30-1A.65

MB: 2004/10/30-1A.65-013

Date Extracted: 10/30/2004 09:13

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	10/30/2004 09:13	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	10/30/2004 09:13	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/30/2004 09:13	
Benzene	ND	0.5	ug/L	10/30/2004 09:13	
Toluene	ND	0.5	ug/L	10/30/2004 09:13	
Ethylbenzene	ND	0.5	ug/L	10/30/2004 09:13	
Total xylenes	ND	1.0	ug/L	10/30/2004 09:13	
Surrogates(s)					
1,2-Dichloroethane-d4	94.0	76-130	%	10/30/2004 09:13	
Toluene-d8	94.0	78-115	%	10/30/2004 09:13	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/11/01-1A.65**

MB: 2004/11/01-1A.65-022 — Date Extracted: 11/01/2004 07:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	11/01/2004 07:22	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	11/01/2004 07:22	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/01/2004 07:22	
Benzene	ND	0.5	ug/L	11/01/2004 07:22	
Toluene	ND	0.5	ug/L	11/01/2004 07:22	
Ethylbenzene	ND	0.5	ug/L	11/01/2004 07:22	
Total xylenes	ND	1.0	ug/L	11/01/2004 07:22	
Surrogates(s)					
1,2-Dichloroethane-d4	96.6	76-130	%	11/01/2004 07:22	
Toluene-d8	91.8	78-115	%	11/01/2004 07:22	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/10/30-1A.65**

LCS 2004/10/30-1A.65-049 Extracted: 10/30/2004 Analyzed: 10/30/2004 08:49

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.3		25	97.2			65-165	20		
Benzene	22.3		25	89.2			69-129	20		
Toluene	22.2		25	88.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	430		500	86.0			76-130			
Toluene-d8	466		500	93.2			78-115			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/11/01-1A.65**

LCS 2004/11/01-1A.65-058 Extracted: 11/01/2004 Analyzed: 11/01/2004 06:58
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.2		25	92.8			65-165	20		
Benzene	21.9		25	87.6			69-129	20		
Toluene	22.0		25	88.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	455		500	91.0			76-130			
Toluene-d8	469		500	93.8			78-115			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/10/30-1A.65**

MS/MSD

Lab ID: 2004-10-0858 - 002

MS: 2004/10/30-1A.65-033 Extracted: 10/30/2004 Analyzed: 10/30/2004 10:33

Dilution: 1.00

MSD: 2004/10/30-1A.65-057 Extracted: 10/30/2004 Analyzed: 10/30/2004 10:57

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	28.1	27.7	ND	25	112.4	110.8	1.4	65-165	20		
Benzene	26.0	23.3	ND	25	104.0	93.2	11.0	69-129	20		
Toluene	25.9	23.3	ND	25	103.6	93.2	10.6	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	469	486		500	93.8	97.2		76-130			
Toluene-d8	474	474		500	94.8	94.8		78-115			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/11/01-1A.65**

MS/MSD

Lab ID: 2004-10-0794 - 001

MS: 2004/11/01-1A.65-056 Extracted: 11/01/2004 Analyzed: 11/01/2004 08:56

Dilution: 1.00

MSD: 2004/11/01-1A.65-018 Extracted: 11/01/2004 Analyzed: 11/01/2004 09:18

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	27.1	27.5	ND	25	108.4	110.0	1.5	65-165	20		
Benzene	24.5	24.6	ND	25	98.0	98.4	0.4	69-129	20		
Toluene	23.8	24.5	ND	25	95.2	98.0	2.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	429	446		500	85.8	89.2		76-130			
Toluene-d8	464	476		500	92.8	95.2		78-115			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041025-WC2
98995758

Received: 10/26/2004 15:27

Site: 4255 MacArthur Boulevard, Oakland

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

SHELL Chain of Custody Record

95074

Lab Identification (if necessary):
Address:
City, State, Zip:

Shell Project Manager to be invoiced:

- [x] SCIENCE & ENGINEERING
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON

Karen Petryna

2004-10-0830

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

SAP or CRMT NUMBER (TS/CRMT):

DATE: 10/25/04

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112	
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart	
TELEPHONE: 408-573-0555	FAX: 408-573-7771
E-MAIL: lgearhart@blainetech.com	
SITE ADDRESS (Street and City): 4255 MacArthur Boulevard, Oakland	GLOBAL ID NO.: T0600101261
EDF DELIVERABLE TO (Responsible Party or Designee): Anni Kreml	PHONE NO.: (510)420-3335
E-MAIL: ShellOaklandEDF@cambria-env.com	CONSULTANT PROJECT NO.: 041025-WC2
SAMPLER NAME(S) (Print): Will Crow	BTS #

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):
- [x] 10 DAYS
- [ ] 5 DAYS
- [ ] 72 HOURS
- [ ] 48 HOURS
- [ ] 24 HOURS
- [ ] LESS THAN 24 HOURS

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY: ______

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

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED [ ]

REQUESTED ANALYSIS

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

TEMPERATURE ON RECEIPT C°: 3

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)		TPH - Diesel, Extractable (8015m)		Total Alkalinity	Ferrous Iron	Nitrate as Nitrate	Sulfate		MTBE (8260B) Confirmation, See Note			FIELD NOTES
✓	MW-1	10/25	1617	H_2O	3 VOA	X	X		X																	
✓	MW-2	↓	1639	↓	↓	X	X		X																	
✓	MW-3	↓	1627	↓	↓	X	X		X																	
✓	MW-4	↓	1517	↓	↓	X	X		X																	
✓	MW-5	↓	1549	↓	↓	X	X		X																	

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Will Crow [signature]	[signature]	10/26/04	1527
Relinquished by: (Signature) [signature] 10/26/04 1746	Received by: (Signature) Tracy B. Bullock [signature]	10/26/04	1746
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

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

10/16/00 Revision

Address
City, State, Zip

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Karen Petryna

2004-10-0830

9 8 9 9 5 7 5 8
SAP or CRMT NUMBER (TS/CRMT)

DATE: 10/25/04
PAGE: 1 of 1

SAMPLING COMPANY: ...aine Tech Services
LOG CODE: BTSS
ADDRESS: ...80 Rogers Avenue, San Jose, CA 95112
PROJECT CONTACT (Hardcopy or PDF Report to): ...on Gearhart
TELEPHONE: ...8-573-0555
FAX: 408-573-7771
E-MAIL: lgearhart@blainetech.com

SITE ADDRESS (Street and City): 4255 MacArthur Boulevard, Oakland
GLOBAL ID NO.: T0600101261
EDF DELIVERABLE TO (Responsible Party or Designee): Anni Kreml
PHONE NO.: (510)420-3335
E-MAIL: ShellOaklandEDF@cambria-env.com
CONSULTANT PROJECT NO.: 04-0245-002
BTS #
SAMPLER NAME(S) (Print): Will Crow
LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ______

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

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

REQUESTED ANALYSIS

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

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)		TPH - Diesel, Extractable (8015m)	TBA	Total Alkalinity	Ferrous Iron	Nitrate as Nitrate	Sulfate		MTBE (8260B) Confirmation, See Note			FIELD NOTES
	MW-1	10/25	1617	H_2O	3	X	X		X								X									
	MW-2	↓	1639	↓	↓	X	X		X								X									
	MW-3	↓	1627	↓	↓	X	X		X								X									
	MW-4	↓	1517	↓	↓	X	X		X								X									
	MW-5	↓	1549	↓	↓	X	X		X								X									

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Will Crow			
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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

10/16/00 Revision

WELL GAUGING DATA

Project # 041025-wc2 Date 10/25/04 Client Shell

Site 4255 MacArthur Blvd, Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	4					7.98	22.76		
* MW-2	4	O/S				11.23	19.68		
* MW-3	4	O/S				14.12	21.92		
MW-4	2	~~O/S~~ wa				7.65	30.66		
MW-5	2					6.50	19.99	V	
* gauged w/ stinger in well									

SHELL WELL MONITORING DATA SHEET

BTS #: 041025-WC2	Site: 4255 MacArthur Blvd, Oakland
Sampler: WC	Date: 10/25/04
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 22.76	Depth to Water (DTW): 7.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVB) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.78	10.94

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other____

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

9.6 (Gals.) X	3	= 28.8 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1411	68.6	6.8	1201	73	10	clear/odor
1413	69.8	6.7	1143	10	20	
~~1415~~ 1419	well dewatered @ 25 gal				DTW =	19.68
1613	66.4	6.8	1104	11	—	DTW=12.89
	NO	60%	Site	Departure		

Did well dewater? (Yes) No Gallons actually evacuated: 20

Sampling Date: 10/25/04 Sampling Time: 1617 Depth to Water: 12.89

Sample I.D.: MW-1 Laboratory: (STL) Other____

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: TBA (8260)

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

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

D.O. (if req'd):	Pre-purge:	3.15 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	-72 mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 041025-WC2	Site: 4255 MacArthur Blvd, Oakland
Sampler: WC	Date: 10/25/04
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.68	Depth to Water (DTW): 11.23
Depth to Free Product: 11.22	Thickness of Free Product (feet): 0.01
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.92	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other_____

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

5.5 (Gals.) X 3 = 16.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
		Bailed 15 ml of free Product				
1434	69.8	6.3	1135	10	5	clear/odor
1440	well dewatered @ 5 gal. DTW = 14.80					
1636	68.2	6.3	960	78 J	DTW = 11.55	

Did well dewater? (Yes) No — Gallons actually evacuated: ~~11.54~~ 11.55

Sampling Date: 10/25/04 — Sampling Time: 1639 — Depth to Water: 5

Sample I.D.: MW-2 — Laboratory: (STL) Other_____

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: TBA (8260)

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

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

D.O. (if req'd):	Pre-purge:	1.62 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	-69 mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: ~~102~~ 041025-WC2	Site: 4255 MacArthur Blvd, Oakland
Sampler: WC	Date: 10/25/04
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 21.92	Depth to Water (DTW): 14.~~38~~ 12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.68	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

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

5.1 (Gals.) X	3	= 15.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1426	69.3	6.3	1374	198	5	clear
1427	well d	ewatered @		5 gal.	DTW =	20.00
1624	67.2	6.3	1259	78	DTW =	14.98

Did well dewater? (Yes) No Gallons actually evacuated: 5

Sampling Date: 10/25/04 Sampling Time: 1627 Depth to Water: 14.98

Sample I.D.: MW-3 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA (8260)

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

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

D.O. (if req'd):	Pre-purge:	2.70	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	-59	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 041025-WC2	Site: 4255 MacArthur, Oakland
Sampler: WC	Date: 10/25/04
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 30.66	Depth to Water (DTW): 7.85
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.41	

Purge Method: Bailer; Disposable Bailer; X Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

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

3.6 (Gals.) X	3	=	10.8 Gals.	
1 Case Volume	Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1501	66.9	6.4	1096	2856	4	clear
1506	67.5	6.4	1087	123	8	"
1510	67.0	6.4	1070	64	11	"

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

Sampling Date: 10/25/04 Sampling Time: 1517 Depth to Water: 12.36

Sample I.D.: MW-4 Laboratory: (STL) Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: TBA (8260)

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

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

D.O. (if req'd): (Pre-purge):	1.90	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): (Pre-purge):	-70	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 041025-WC2	Site: 4255 MacArthur Blvd, Oakland
Sampler: WE	Date: 10/25/04
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.99	Depth to Water (DTW): 6.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column (13.49) x 0.20) + DTW]: 9.20	

Purge Method: Bailer; Disposable Bailer; (X) Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

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

2.2 (Gals.) X 3 = 6.6 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1538	65.2	6.4	743	911	2.5	light Brown
1543	66.2	6.4	741	324	5	" "
1546	66.4	6.4	720	230	7	" "
	no 80%		site departure			

Did well dewater? Yes (No) Gallons actually evacuated: 7

Sampling Date: 10/25/04 Sampling Time: 1549 Depth to Water: 10.63

Sample I.D.: MW-5 Laboratory: (STL) Other ____

Analyzed for: (TPH-G BTEX MTBE) TPH-D Other: TBA (8260)

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

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

D.O. (if req'd):	Pre-purge: 1.74 mg/L	Post-purge:		mg/L
O.R.P. (if req'd):	Pre-purge: -21 mV	Post-purge:		mV

ATTACHMENT B

COP 76 Service Station #1156

Groundwater Monitoring Data and Analytical Results

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 25, 2004

76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1		**(Screen Interval in feet: 5.0-25.0)**												
10/25/04	177.54	7.54	0.00	170.00	-0.10	66000	--	7300	19000	2700	14000	ND<1300	330	
MW-2		**(Screen Interval in feet: 5.0-25.0)**												
10/25/04	173.50	6.89	0.00	166.61	-1.06	3400	--	ND<25	ND<25	ND<25	ND<25	1800	1600	
MW-3		**(Screen Interval in feet: 5.0-25.0)**												
10/25/04	178.13	8.81	0.00	169.32	-1.40	3300	--	96	140	270	490	94	260	
MW-4		**(Screen Interval in feet: 5.0-25.0)**												
10/25/04	178.96	6.85	0.00	172.11	-0.37	490	--	34	ND<2.5	ND<2.5	ND<2.5	200	170	
MW-5		**(Screen Interval in feet: DNA)**												
10/25/04	169.18	2.43	0.00	166.75	0.13	1100	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	780	1100	
MW-6		**(Screen Interval in feet: DNA)**												
10/25/04	169.04	2.46	0.00	166.58	0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.57	
MW-7		**(Screen Interval in feet: DNA)**												
10/25/04	171.64	7.23	0.00	164.41	2.21	28000	--	ND<250	ND<250	ND<250	ND<250	13000	14000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through October 2004

76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	**(Screen Interval in feet: 5.0-25.0)**													
07/20/99	174.86	7.50	0.00	167.36	--	120000	--	11000	27000	3300	18000	ND	--	
09/28/99	174.86	8.75	0.00	166.11	-1.25	6020	--	1030	1040	68.5	412	321	333	
01/07/00	174.86	9.05	0.02	165.82	-0.29	72700	--	7410	13900	2070	9620	ND	--	GWE corrected
03/31/00	174.86	7.18	0.00	167.68	1.86	92000	--	10000	23000	3200	14000	ND	--	
07/14/00	174.86	7.68	0.00	167.18	-0.50	108000	--	8250	18700	3750	17800	ND	--	
10/03/00	174.86	7.99	0.00	166.87	-0.31	96000	--	8760	20000	3350	15600	ND	--	
01/03/01	174.86	9.18	0.00	165.68	-1.19	37000	--	5800	13000	1700	8100	2,200	--	
04/04/01	174.86	8.05	0.00	166.81	1.13	86900	--	7780	18500	2470	11800	ND	481	
07/17/01	174.86	7.01	0.00	167.85	1.04	79000	--	5600	11000	2800	12000	ND	230	
10/03/01	177.54	7.89	0.00	169.65	1.80	99000	--	8200	18000	3000	16000	ND<2500	--	
10/05/01	177.54	7.91	0.00	169.63	-0.02	--	--	--	--	--	--	--	--	
01/28/02	177.54	5.98	0.00	171.56	1.93	110000	--	8900	19000	2600	12000	3000	440	
04/25/02	177.54	6.19	0.00	171.35	-0.21	93000	--	8100	18000	3000	15000	810	670	
07/18/02	177.54	6.99	0.00	170.55	-0.80	69000	--	5400	10000	2100	10000	ND<500	620	
10/07/02	177.54	7.73	0.00	169.81	-0.74	82000	--	9200	20000	2600	13000	1300	760	
01/06/03	177.54	5.48	0.00	172.06	2.25	82000	--	6500	18000	2700	11000	ND<1000	790	
04/07/03	177.54	6.30	0.00	171.24	-0.82	74000	--	7000	15000	2400	11000	1000	800	
07/07/03	177.54	6.47	0.00	171.07	-0.17	60000	--	6400	11000	2600	11000	600	530	
10/09/03	177.54	7.85	0.00	169.69	-1.38	91000	81000	8100	17000	3200	14000	--	660	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	177.54	6.69	0.00	170.85	1.16	98000	--	8000	21000	2600	15000	ND<1300	ND<800	
04/28/04	177.54	6.43	0.00	171.11	0.26	93000	--	9000	20000	1300	10000	1400	560	
07/12/04	177.54	7.44	0.00	170.10	-1.01	57000	--	6900	7200	1600	580	490	440	
10/25/04	177.54	7.54	0.00	170.00	-0.10	66000	--	7300	19000	2700	14000	ND<1300	330	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through October 2004
76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2	**(Screen Interval in feet: 5.0-25.0)**													
07/20/99	173.01	5.40	--	167.61	--	ND	--	ND	ND	ND	ND	4500	11000	
09/28/99	173.01	5.60	0.00	167.41	-0.20	1390	--	124	ND	62.9	43.1	5280	6150	
01/07/00	173.01	5.92	0.00	167.09	-0.32	1450	--	99	ND	23.8	16	33100	--	
03/31/00	173.01	5.23	0.00	167.78	0.69	ND	--	42	ND	ND	ND	17000	--	
07/14/00	173.01	5.52	0.00	167.49	-0.29	ND	--	44.7	ND	ND	ND	66500	--	
10/03/00	173.01	6.04	0.00	166.97	-0.52	ND	--	56.7	ND	ND	ND	57500	--	
01/03/01	173.01	6.42	0.00	166.59	-0.38	ND	--	ND	ND	ND	ND	49000	--	
04/04/01	173.01	6.14	0.00	166.87	0.28	ND	--	ND	ND	ND	ND	38700	37800	
07/17/01	173.01	5.30	0.00	167.71	0.84	ND	--	ND	ND	ND	ND	65000	56000	
10/03/01	173.50	7.38	0.00	166.12	-1.59	ND<250	--	2.7	ND<2.5	ND<2.5	ND<2.5	14000	18000	
01/28/02	173.50	5.68	0.00	167.82	--	ND<250	--	2.5	4.4	2.8	7.4	11000	10000	
04/25/02	173.50	5.82	0.00	167.68	-0.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8400	8100	
07/18/02	173.50	6.90	0.00	166.60	-1.08	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	4300	8800	
10/07/02	173.50	7.54	0.00	165.96	-0.64	4300	--	ND<10	27	21	75	7100	5900	
01/06/03	173.50	6.79	0.00	166.71	0.75	5900	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	31000	35000	
04/07/03	173.50	6.49	0.00	167.01	0.30	1500	--	ND<10	14	11	38	2000	1500	
07/07/03	173.50	6.72	0.00	166.78	-0.23	ND<2500	--	ND<25	ND<25	ND<25	ND<25	5500	8300	
10/09/03	173.50	7.16	0.00	166.34	-0.44	3500	ND<5000	ND<50	ND<50	ND<50	ND<100	--	8500	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	173.50	5.53	0.00	167.97	1.63	3200	--	ND<25	ND<25	ND<25	ND<25	2600	3200	
04/28/04	173.50	5.21	0.00	168.29	0.32	22000	--	ND<3	9.2	ND<3	ND<6	35000	22000	
07/12/04	173.50	5.83	0.00	167.67	-0.62	1700	--	3.8	18	2.6	16	3000	3000	
10/25/04	173.50	6.89	0.00	166.61	-1.06	3400	--	ND<25	ND<25	ND<25	ND<25	1800	1600	
MW-3	**(Screen Interval in feet: 5.0-25.0)**													

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through October 2004
76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
07/20/99	178.44	8.50	--	169.94	--	1000	--	76	52	79	76	330	--	
09/28/99	178.44	8.31	0.00	170.13	0.19	1860	--	174	95.4	71.8	135	443	288	
01/07/00	178.44	8.56	0.00	169.88	-0.25	28400	--	2450	3090	1560	3910	1940	--	
03/31/00	178.44	8.42	0.00	170.02	0.14	26000	--	1300	2900	2600	3500	2800	--	
07/14/00	178.44	8.61	0.00	169.83	-0.19	24500	--	1850	2630	2750	3900	548	--	
10/03/00	178.44	9.14	0.00	169.30	-0.53	22000	--	1910	2020	2400	2680	965	--	
01/03/01	178.44	9.06	0.00	169.38	0.08	14000	--	1600	1100	2300	1400	3300	--	
04/04/01	178.44	8.98	0.00	169.46	0.08	19600	--	1150	1470	2100	1820	1050	450	
07/17/01	178.44	7.46	0.00	170.98	1.52	26000	--	1500	2100	2100	3400	ND	350	
10/03/01	178.13	9.81	0.00	168.32	-2.66	22000	--	830	1900	1700	3000	ND<1000	--	
01/28/02	178.13	7.39	0.00	170.74	--	30000	--	880	2600	1800	4300	3200	210	
04/25/02	178.13	7.86	0.00	170.27	-0.47	18000	--	500	2000	1300	3800	500	260	
07/18/02	178.13	8.83	0.00	169.30	-0.97	37000	--	1800	3800	2200	8000	ND<250	270	
10/07/02	178.13	9.71	0.00	168.42	-0.88	26000	--	600	2000	1800	6400	ND<120	ND<200	
01/06/03	178.13	7.40	0.00	170.73	2.31	27000	--	800	2100	2000	6400	440	110	
04/07/03	178.13	8.17	0.00	169.96	-0.77	28000	--	660	2200	1900	6300	440	100	
07/07/03	178.13	8.35	0.00	169.78	-0.18	33000	--	1200	2500	2700	8300	280	100	
10/09/03	178.13	9.39	0.00	168.74	-1.04	3800	6000	120	260	390	1200	--	190	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	178.13	6.86	0.00	171.27	2.53	5100	--	120	240	310	720	190	230	
04/28/04	178.13	6.63	0.00	171.50	0.23	7300	--	250	440	580	1300	740	240	
07/12/04	178.13	7.41	0.00	170.72	-0.78	5500	--	350	310	120	350	180	100	
10/25/04	178.13	8.81	0.00	169.32	-1.40	3300	--	96	140	270	490	94	260	
MW-4	**(Screen Interval in feet: 5.0-25.0)**													

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through October 2004

76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
07/20/99	179.10	7.40	--	171.70	--	69	--	2.7	0.77	ND	7.1	100	--	
09/28/99	179.10	7.19	0.00	171.91	0.21	4050	--	1250	72	51.3	133	416	459	
01/07/00	179.10	8.98	0.00	170.12	-1.79	7010	--	2260	167	271	276	764	--	
03/31/00	179.10	7.26	0.00	171.84	1.72	5500	--	1800	230	330	400	1000	--	
07/14/00	179.10	7.67	0.00	171.43	-0.41	7940	--	2810	332	450	247	1530	--	
10/03/00	179.10	8.12	0.00	170.98	-0.45	11400	--	3110	437	519	816	1040	--	
01/03/01	179.10	9.10	0.00	170.00	-0.98	8600	--	2500	340	480	960	850	--	
04/04/01	179.10	8.63	0.00	170.47	0.47	9950	--	2380	126	416	725	1140	819	
07/17/01	179.10	6.49	0.00	172.61	2.14	10000	--	2300	110	410	800	1200	900	
10/03/01	178.96	7.01	0.00	171.95	-0.66	7800	--	2100	85	380	390	580	820	
01/28/02	178.96	6.21	0.00	172.75	--	12000	--	2100	130	350	670	1100	500	
04/25/02	178.96	5.49	0.00	173.47	0.72	3300	--	1300	42	270	250	680	600	
07/18/02	178.96	8.28	0.00	170.68	-2.79	4800	--	1300	71	290	220	530	760	
10/07/02	178.96	7.49	0.00	171.47	0.79	5100	--	1400	110	330	380	650	540	
01/06/03	178.96	6.36	0.00	172.60	1.13	5600	--	1100	57	260	320	370	520	
04/07/03	178.96	6.24	0.00	172.72	0.12	5100	--	1100	55	190	370	550	420	
07/07/03	178.96	6.43	0.00	172.53	-0.19	3000	--	920	28	170	330	480	450	
10/09/03	178.96	7.97	0.00	170.99	-1.54	530	700	100	2.2	5.4	14	--	270	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	178.96	6.30	0.00	172.66	1.67	530	--	88	4.1	9.9	11	150	180	
04/28/04	178.96	5.68	0.00	173.28	0.62	1200	--	200	5.3	21	13	490	310	
07/12/04	178.96	6.48	0.00	172.48	-0.80	3600	--	1000	14	260	72	710	470	
10/25/04	178.96	6.85	0.00	172.11	-0.37	490	--	34	ND<2.5	ND<2.5	ND<2.5	200	170	
MW-5	**(Screen Interval in feet: DNA)**													

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through October 2004

76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
10/03/01	169.18	2.81	0.00	166.37	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1800	2100	
01/28/02	169.18	1.88	0.00	167.30	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	650	550	
04/25/02	169.18	1.99	0.00	167.19	-0.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2200	2400	
07/18/02	169.18	2.49	0.00	166.69	-0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	530	690	
10/07/02	169.18	2.80	0.00	166.38	-0.31	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	300	330	
01/06/03	169.18	1.86	0.00	167.32	0.94	120	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	410	350	
04/07/03	169.18	2.15	0.00	167.03	-0.29	220	--	0.53	ND<0.50	ND<0.50	ND<0.50	450	420	
07/07/03	169.18	2.26	0.00	166.92	-0.11	120	--	ND<1.2	ND<1.2	ND<1.2	ND<1.2	220	200	
10/09/03	169.18	2.72	0.00	166.46	-0.46	560	210	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	290	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	169.18	2.00	0.00	167.18	0.72	560	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	670	760	
04/28/04	169.18	2.01	0.00	167.17	-0.01	760	--	ND<0.3	1.8	ND<0.3	ND<0.6	1200	790	
07/12/04	169.18	2.56	0.00	166.62	-0.55	96	--	1.8	3.3	0.54	3.6	2.8	ND<0.5	
10/25/04	169.18	2.43	0.00	166.75	0.13	1100	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	780	1100	
MW-6	**(Screen Interval in feet: DNA)**													
10/03/01	169.04	2.87	0.00	166.17	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	270	
01/28/02	169.04	1.82	0.00	167.22	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/25/02	169.04	2.01	0.00	167.03	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/18/02	169.04	2.44	0.00	166.60	-0.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
10/07/02	169.04	2.72	0.00	166.32	-0.28	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
01/06/03	169.04	1.90	0.00	167.14	0.82	ND<50	--	0.62	1.2	1.2	3.5	ND<2.0	ND<2.0	
04/07/03	169.04	2.02	0.00	167.02	-0.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	46	
07/07/03	169.04	2.21	0.00	166.83	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
10/09/03	169.04	2.71	0.00	166.33	-0.50	ND<50	ND<50	0.95	3.0	1.4	5.5	--	ND<2.0	Sampled for TPH-G by 8015M on 11/14/03.

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through October 2004
76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
01/14/04	169.04	2.00	0.00	167.04	0.71	ND<50	--	ND<0.50	0.57	ND<0.50	0.64	ND<5.0	ND<2.0	
04/28/04	169.04	2.18	0.00	166.86	-0.18	ND<50	--	0.39	0.78	ND<0.3	ND<0.6	ND<1	ND<0.5	
07/12/04	169.04	2.69	0.00	166.35	-0.51	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	6.4	ND<0.5	
10/25/04	169.04	2.46	0.00	166.58	0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.57	
MW-7 (Screen Interval in feet: DNA)														
10/03/01	171.64	7.62	0.00	164.02	--	10000	--	210	ND<50	ND<50	800	35000	40000	
01/28/02	171.64	7.21	0.00	164.43	--	ND<1000	--	ND<10	ND<10	ND<10	ND<10	42000	38000	
04/25/02	171.64	7.25	0.00	164.39	-0.04	ND<5000	--	660	ND<50	ND<50	ND<50	42000	45000	
07/18/02	171.64	8.12	0.00	163.52	-0.87	ND<5000	--	130	ND<50	ND<50	ND<50	51000	53000	
10/07/02	171.64	7.71	0.00	163.93	0.41	18000	--	ND<50	ND<50	ND<50	ND<50	33000	38000	
01/06/03	171.64	7.63	0.00	164.01	0.08	410	--	0.61	1.0	0.89	2.9	3900	3100	
04/07/03	171.64	7.58	0.00	164.06	0.05	13,000	--	ND<20	ND<20	ND<20	ND<20	32000	28000	
07/07/03	171.64	7.56	0.00	164.08	0.02	990	--	8.2	ND<0.50	1.2	ND<0.50	36000	45000	
10/09/03	171.64	7.72	0.00	163.92	-0.16	6800	ND<13000	ND<130	ND<130	ND<130	ND<250	--	20000	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	171.64	6.97	0.00	164.67	0.75	19000	--	ND<100	ND<100	ND<100	ND<100	20000	25000	
04/28/04	171.64	8.70	0.00	162.94	-1.73	19000	--	ND<3	ND<3	ND<3	ND<6	30000	21000	
07/12/04	171.64	9.44	0.00	162.20	-0.74	12000	--	28	14	330	200	12000	11000	
10/25/04	171.64	7.23	0.00	164.41	2.21	28000	--	ND<250	ND<250	ND<250	ND<250	13000	14000	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-1															
07/20/99	16000	--	--	--	--	12	--	--	3.6	--	--	--	--	--	--
09/28/99	2410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/07/00	7870	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/31/00	3600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/14/00	8580	--	--	--	--	--	--	334	--	--	--	--	--	--	--
10/03/00	9260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/03/01	11000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/04/01	14000	--	--	--	ND	5.6	--	--	3.4	--	--	--	--	--	--
07/17/01	2200	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
10/05/01	13000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/28/02	4400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/25/02	9000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/02	9200	--	--	1.3	ND<10	5.9	--	ND<0.60	1.3	--	--	--	--	--	--
10/07/02	3400	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/06/03	5100	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
04/07/03	2800	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
07/07/03	7000	--	--	--	ND<500	ND<120	--	ND<120	ND<120	--	--	--	--	--	--
10/09/03	4300	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
01/14/04	6200	--	--	--	ND<800	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
07/12/04	270	ND<10	ND<10	ND<2	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2	ND<10	ND<10	ND<10	ND<20
10/25/04	5100	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
MW-2															
04/04/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/17/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/18/02	--	--	--	--	ND<100	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-2 continued															
10/07/02	--	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
01/06/03	--	--	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<100	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	ND<3	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<13	--	--	--	--	--	--	--	--	--	--
MW-3															
04/04/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/17/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/18/02	--	--	--	--	ND<5.0	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/06/03	--	--	--	--	ND<80	--	--	--	--	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<80	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<3	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--	--
MW-4															
04/04/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/17/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/18/02	--	--	--	--	49	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-4 continued															
10/07/02	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/06/03	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<4.0	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	6.5	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	14	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	2.0	--	--	--	--	--	--	--	--	--	--
MW-5															
07/18/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
01/06/03	ND<50	--	--	--	ND<2.0	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<4.0	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<4.0	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	1.8	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	0.76	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
MW-6															
07/18/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
01/06/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-6 continued															
10/09/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
MW-7															
07/18/02	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
01/06/03	ND<50	--	--	--	ND<200	ND<50	--	ND<50	ND<50	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<800	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<500	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<800	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	6.8	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	5.1	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--

Table 3b
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Bromoform (µg/l)	Bromo-dichloro-methane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-Dichloro-propane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-Dichloro-benzene (µg/l)
MW-1															
07/20/99	--	--	--	--	--	--	2.0	--	--	--	0.92	--	--	--	3.9
03/31/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.2
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.6
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18
07/18/02	--	1.1	--	--	--	--	--	--	--	--	--	--	--	--	5.8
07/12/04	ND<10	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2

Table 3c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-1															
07/20/99	--	--	--	--	--	--	--	600	--	--	--	--	--	--	--
09/28/99	--	--	--	318	--	--	1240	534	ND	ND	ND	ND	--	--	--
01/07/00	--	371	--	597	--	--	2210	1050	--	--	--	--	--	--	--
03/31/00	--	--	--	--	--	--	--	140	--	--	--	--	--	--	--
07/14/00	--	--	--	--	--	--	--	690	--	--	--	--	--	--	--
10/03/00	--	--	--	--	--	--	--	361	--	--	--	--	--	--	--
01/03/01	--	--	--	--	--	--	--	400	--	--	--	--	--	--	--
04/04/01	--	--	ND	--	--	--	--	490	ND	ND	ND	ND	--	--	--
07/17/01	--	--	ND	--	--	--	--	740	ND	ND	ND	ND	--	--	--
07/18/02	--	--	ND<10	--	--	--	--	910	ND<10	ND<100	ND<10	ND<10	--	--	--
10/07/02	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
01/06/03	--	--	ND<400	--	--	--	--	--	ND<400	ND<20000	ND<400	ND<400	--	--	--
04/07/03	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
07/07/03	--	--	ND<500	--	--	--	--	850	ND<500	ND<25000	ND<500	ND<500	ND<120000	--	--
10/09/03	--	--	ND<400	--	--	--	--	--	ND<400	ND<20000	ND<400	ND<400	--	--	--
01/14/04	--	--	ND<800	--	--	--	--	--	ND<800	ND<40000	ND<800	ND<800	--	--	--
04/28/04	--	--	ND<50	--	--	--	--	--	ND<1	800	ND<1	ND<1	--	--	--
07/12/04	ND<10	--	ND<10	--	ND<2	ND<2	--	450	ND<20	1100	ND<20	ND<20	--	ND<2	ND<2
10/25/04	--	--	ND<200	--	--	--	--	--	ND<200	ND<2000	ND<400	ND<200	--	--	--
MW-2															
09/28/99	--	--	--	--	--	--	--	--	ND	ND	ND	ND	--	--	--
04/04/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/17/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/18/02	--	--	ND<100	--	--	--	--	--	ND<100	ND<1000	ND<100	ND<100	--	--	--
10/07/02	--	--	ND<400	--	--	--	--	--	ND<400	ND<20000	ND<400	ND<400	--	--	--
01/06/03	--	--	ND<1000	--	--	--	--	--	ND<1000	ND<50000	ND<1000	ND<1000	--	--	--

Table 3c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-2 continued															
04/07/03	--	--	ND<40	--	--	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--
07/07/03	--	--	ND<100	--	--	--	--	--	ND<100	ND<5000	ND<100	ND<100	--	--	--
10/09/03	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
01/14/04	--	--	ND<50	--	--	--	--	--	ND<50	ND<2500	ND<50	ND<50	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	11	13000	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<3	--	--	--	--	--	ND<5	110	ND<5	ND<5	--	--	--
10/25/04	--	--	ND<13	--	--	--	--	--	ND<13	1100	ND<25	ND<13	--	--	--
MW-3															
09/28/99	--	--	--	--	--	--	--	--	8.80	ND	ND	ND	--	--	--
04/04/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/17/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/18/02	--	--	ND<5.0	--	--	--	--	--	ND<5.0	ND<50	ND<5.0	ND<5.0	--	--	--
10/07/02	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
01/06/03	--	--	ND<80	--	--	--	--	--	ND<80	ND<4000	ND<80	ND<80	--	--	--
04/07/03	--	--	ND<80	--	--	--	--	--	ND<80	ND<4000	ND<80	ND<80	--	--	--
07/07/03	--	--	ND<40	--	--	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--
10/09/03	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
01/14/04	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
04/28/04	--	--	ND<3	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<10	--	--	--	--	--	ND<20	350	ND<20	ND<20	--	--	--
10/25/04	--	--	ND<2.5	--	--	--	--	--	ND<2.5	39	ND<5.0	ND<2.5	--	--	--
MW-4															
09/28/99	--	--	--	--	--	--	--	--	ND	ND	ND	ND	--	--	--
04/04/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/17/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/18/02	--	--	ND<10	--	--	--	--	--	ND<10	ND<100	ND<10	ND<10	--	--	--

Table 3c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-4 continued															
10/07/02	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
01/06/03	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
04/07/03	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
07/07/03	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
10/09/03	--	--	ND<4.0	--	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--
01/14/04	--	--	ND<4.0	--	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	ND<1	150	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<3	--	--	--	--	--	ND<5	210	ND<5	ND<5	--	--	--
10/25/04	--	--	ND<1.0	--	--	--	--	--	ND<1.0	38	ND<2.0	ND<1.0	--	--	--
MW-5															
07/18/02	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	--	--	--
10/07/02	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
01/06/03	--	--	ND<2.0	--	--	--	--	ND<10	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
04/07/03	--	--	ND<10	--	--	--	--	--	ND<10	ND<500	ND<10	ND<10	--	--	--
07/07/03	--	--	ND<4.0	--	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--
10/09/03	--	--	ND<4.0	--	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--
01/14/04	--	--	ND<40	--	--	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<0.5	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
10/25/04	--	--	ND<50	--	--	--	--	--	ND<50	ND<500	ND<100	ND<50	--	--	--
MW-6															
07/18/02	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	--	--	--
10/07/02	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
01/06/03	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
04/07/03	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
07/07/03	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--

Table 3c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-6 continued															
10/09/03	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
01/14/04	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<0.5	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
10/25/04	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	--	--
MW-7															
07/18/02	--	--	ND<20	--	--	--	--	--	ND<20	33000	ND<20	ND<20	--	--	--
10/07/02	--	--	ND<400	--	--	--	--	--	ND<400	26000	ND<400	ND<400	--	--	--
01/06/03	--	--	ND<200	--	--	--	--	ND<10	ND<200	ND<10000	ND<200	ND<200	--	--	--
04/07/03	--	--	ND<800	--	--	--	--	--	ND<800	ND<40000	ND<800	ND<800	--	--	--
07/07/03	--	--	ND<400	--	--	--	--	--	ND<400	27000	ND<400	ND<400	--	--	--
10/09/03	--	--	ND<500	--	--	--	--	--	ND<500	ND<25000	ND<500	ND<500	--	--	--
01/14/04	--	--	ND<800	--	--	--	--	--	ND<800	ND<40000	ND<800	ND<800	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	12	9200	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<5	--	--	--	--	--	ND<10	4600	ND<10	ND<10	--	--	--
10/25/04	--	--	ND<50	--	--	--	--	--	ND<50	3900	ND<100	ND<50	--	--	--

Table 3d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-1															
03/31/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
10/03/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	51.6
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	55
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	400
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2500000	120
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<3	ND<2	ND<2	ND<20000	ND<5
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20000	--
MW-2															
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<25000000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<250000000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<25000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<13000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<4000	--

Table 3d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenanthrene (µg/l)	Anthracene (µg/l)	Fluoranthene (µg/l)	Pyrene (µg/l)	Benzo (a)Anthracene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-2 continued															
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1300	--
MW-3															
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1200000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	23000000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20000	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<250	--
MW-4															
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2500000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<4000	--

Table 3d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-4 continued															
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100	--
MW-5															
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	ND<5.0
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2500000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<800	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
MW-6															
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<800	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
MW-7															
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000000	--

Table 3d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenanthrene (µg/l)	Anthracene (µg/l)	Fluoranthene (µg/l)	Pyrene (µg/l)	Benzo (a)Anthracene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-7 continued															
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	ND<5.0
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<130000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<8000	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--

Table 3e
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	1,2 DCE (µg/l)	2-Methyl-naph-thalene (µg/l)
MW-1				
07/20/99	--	27	--	240
09/28/99	26.4	35.6	--	87.4
01/07/00	--	--	--	315
03/31/00	31	18	--	73
07/14/00	--	--	--	300
10/03/00	--	28.9	--	98.1
01/03/01	--	--	--	180
04/04/01	--	--	--	78
07/17/01	47	25	--	290
07/18/02	13	25	--	420
07/07/03	ND<5.0	22	ND<120	260
MW-5				
01/06/03	ND<5.0	ND<5.0	--	ND<5.0
MW-7				
01/06/03	ND<5.0	ND<5.0	--	ND<5.0