R0486

Shell Oil Products US

October 25, 2004

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 *Third 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

October 25, 2004

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

Re: **Third Quarter 2004 Monitoring Report**
Former Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, California
Incident #98995758
Cambria Project #246-0524-002

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. Table 1 presents liquid-phase mass removal data for the site.

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. Table 2 presents vapor-phase mass removal data for the site.

Cambria Environmental Technology, Inc.

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

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
Separate-Phase	0.0	21.8
Vapor-Phase	0.3	26.4
Total	27.1	63.3

THIRD 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 third quarter 2004 monitoring event were also analyzed for di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA). No DIPE, ETBE, or TAME was detected in any of the samples. TBA was detected in samples from wells MW-1, MW-4, and MW-5 at concentrations of 26 parts per billion (ppb), 5,900 ppb, and 12 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. Wells MW-2 and MW-3 contained SPH during the fourth quarter 2003 and the first and third quarters of 2004. 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 appeared, beginning with COP well MW-2 in the third quarter of 2000 and progressing to COP well MW-7 in the fourth quarter of 2001, and appeared to influence Shell well MW-2 beginning in the third quarter of 2002. 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. Upon inquiry, COP has informed Shell that they intend to conduct periodic groundwater extraction from some of their monitoring wells.

ANTICIPATED FOURTH QUARTER 2004 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: Cambria submitted a May 17, 2004 *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). Upon approval by the Alameda County Health Care Services Agency, Cambria will perform the activities detailed in the May 17, 2004 work plan addendum. Cambria will contact the County directly by phone to ascertain the status of review of this work plan.

CLOSING

We appreciate the opportunity to work with you on this project. Please call Matt Derby at (510) 420-3332 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

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

Tables: 1 - Groundwater Extraction – Mass Removal Data
2 - Vapor Extraction – Mass Removal Data

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, 1232 Phillips Building, Bartlesville, OK 74004

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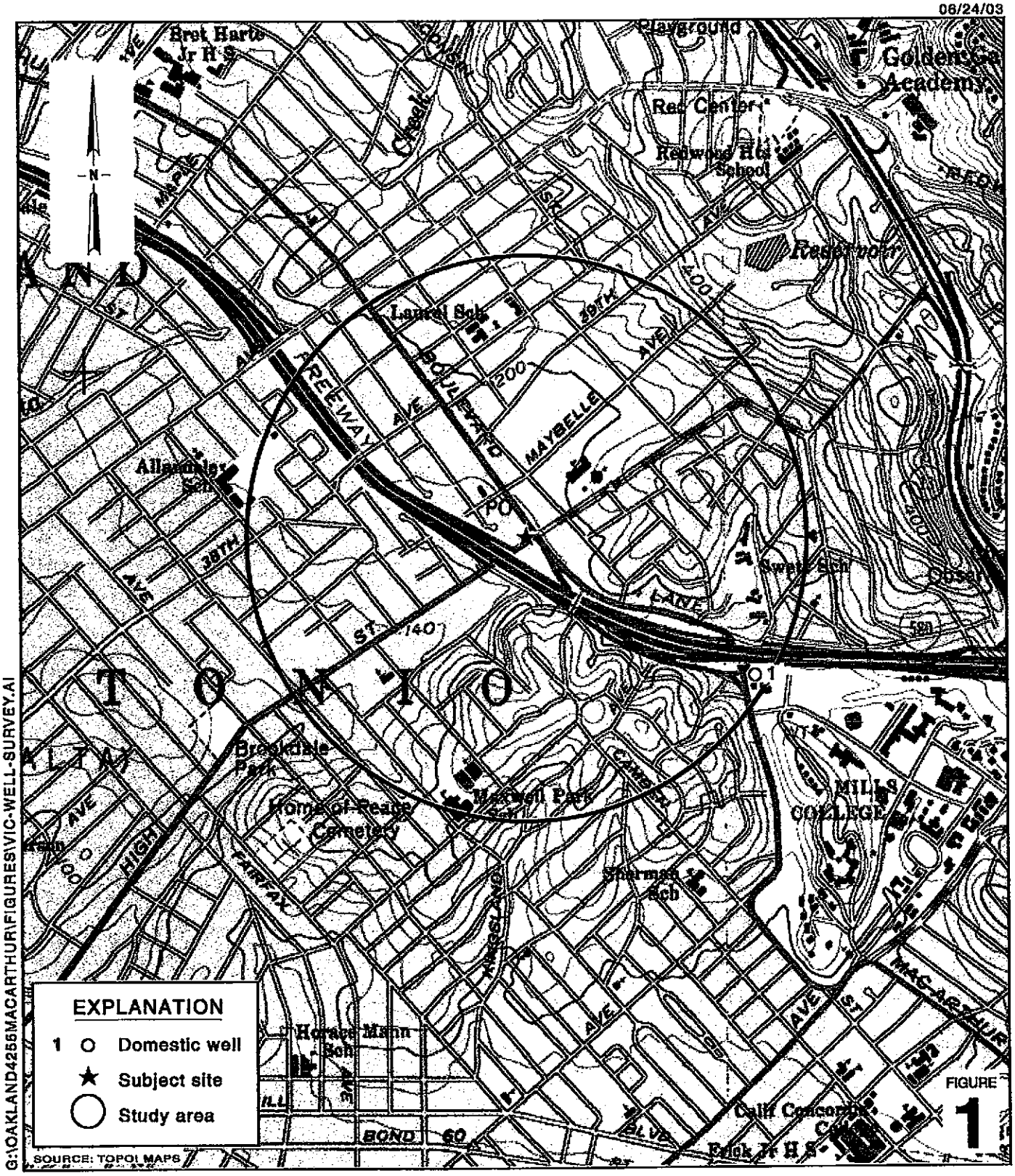
06/24/03



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0 1/8 1/4 1/2 1

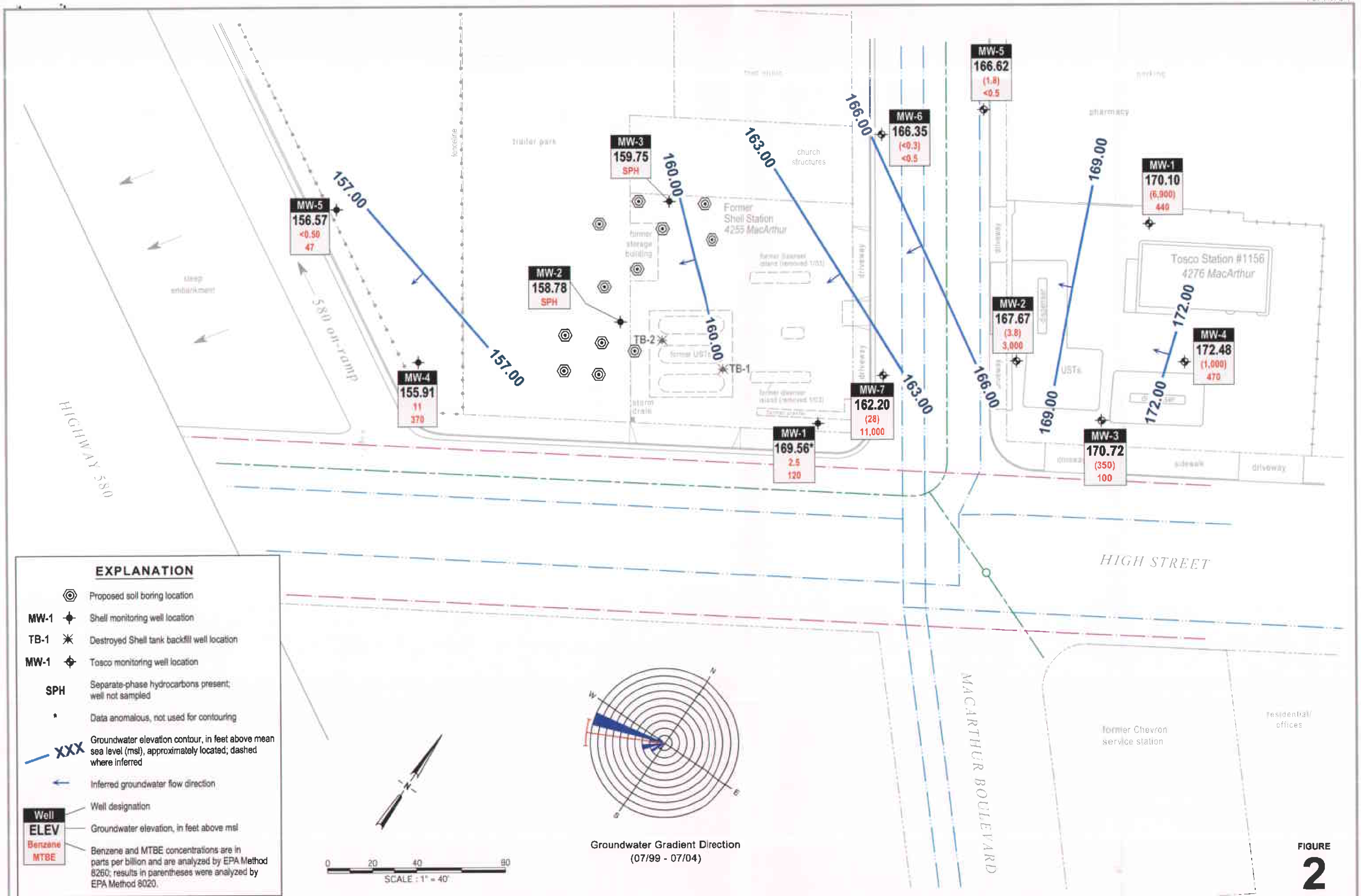
SCALE : 1" = 1/4 MILE

FIGURE 1

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

CAMBRIA

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



10/14/04
MW-5
166.62
(1.8)
<0.5
MW-6
166.35
(<0.3)
<0.5
MW-3
159.75
SPH
MW-5
156.57
<0.50
47
MW-2
158.78
SPH
MW-4
155.91
11
370
MW-1
169.56*
2.5
120
MW-7
162.20
(28)
11,000
MW-2
167.67
(3.8)
3,000
MW-1
170.10
(6,900)
440
MW-4
172.48
(1,000)
470
MW-3
170.72
(350)
100
157.00
160.00
163.00
166.00
169.00
172.00
TB-2
TB-1
trailer park
church structures
Former Shell Station
4255 MacArthur
former storage building
Tosco Station #1156
4276 MacArthur
pharmacy
parking
USTs
driveway
sidewalk
storm drain
steep embankment
580 on-ramp
HIGHWAY 580
HIGH STREET
MACARTHUR BOULEVARD
former Chevron service station
residential/offices
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
SPH Separate-phase hydrocarbons present; well not sampled
* 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'
N
Groundwater Gradient Direction
(07/99 - 07/04)
FIGURE
2

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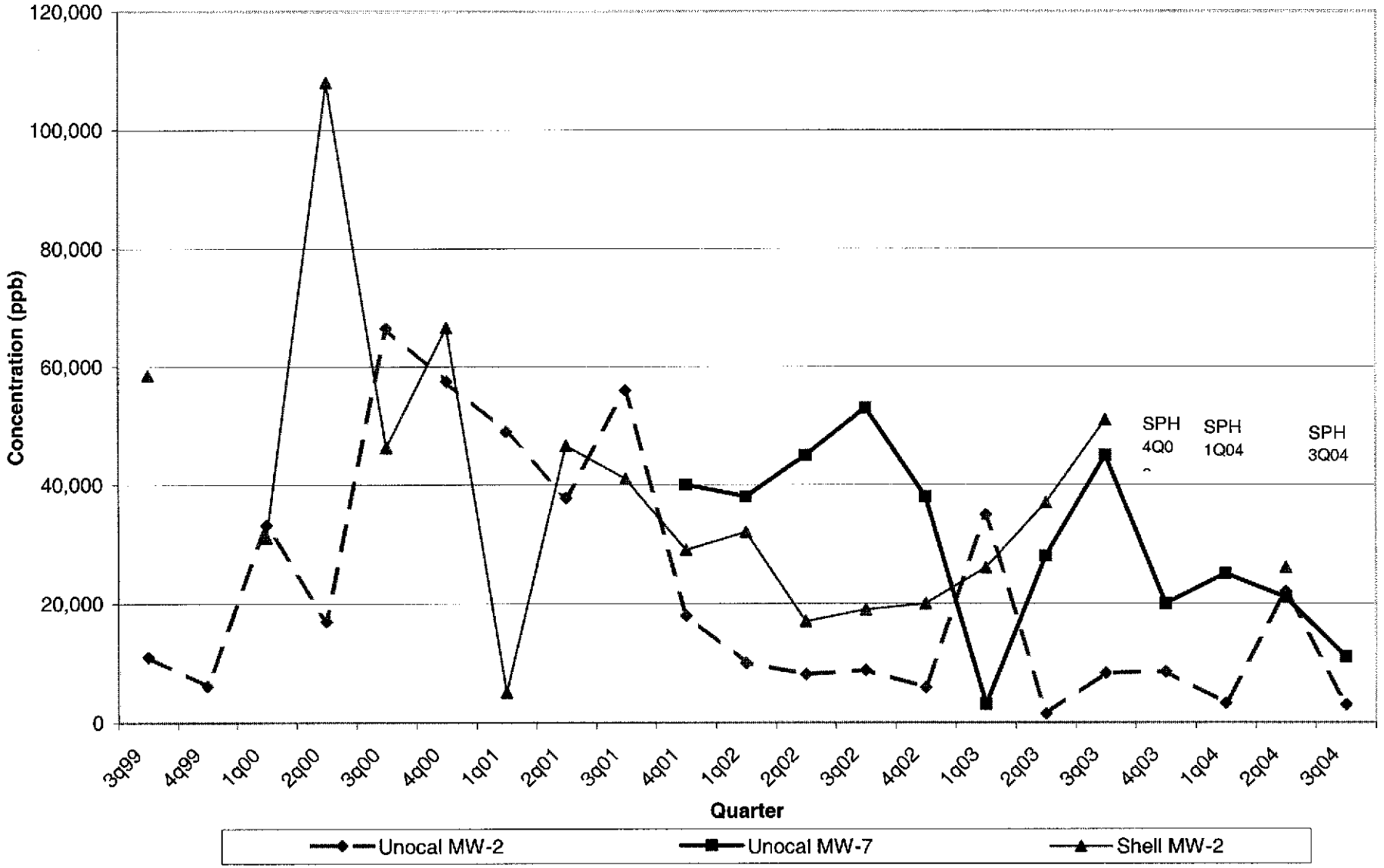
CAMBRIA

Groundwater Elevation Contour Map
July 12, 2004

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

MTBE Concentrations
MacArthur & High Streets, Oakland



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

Figure 3

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995758, 4255 MacArthur Boulevard, Oakland, CA

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (lb)	TPPH Removed To Date (lb)	Benzene Concentration (ppb)	Benzene Removed (lb)	Benzene Removed to Date (lb)	MTBE Concentration (ppb)	MTBE Removed (lb)	MTBE Removed To Date (lb)
04/23/99	MW-2	200	200	04/13/98	180,000	0.30040	0.30040	2,800	0.00467	0.00467	71,000	0.11849	0.11849
05/24/99	MW-2	200	400	04/13/98	180,000	0.30040	0.60079	2,800	0.00467	0.00935	71,000	0.11849	0.23698
06/28/99	MW-2	200	600	04/13/98	180,000	0.30040	0.90119	2,800	0.00467	0.01402	71,000	0.11849	0.35547
07/30/99	MW-2	200	800	07/23/99	65,800	0.10981	1.01100	6,500	0.01085	0.02487	46,600	0.07777	0.43324
08/24/99	MW-2	100	900	07/23/99	65,800	0.05491	1.06591	6,500	0.00542	0.03029	46,600	0.03888	0.47212
10/29/99	MW-2	100	1,000	07/23/99	65,800	0.05491	1.12081	6,500	0.00542	0.03571	46,600	0.03888	0.51101
11/30/99	MW-2	100	1,100	07/23/99	65,800	0.05491	1.17572	6,500	0.00542	0.04114	46,600	0.03888	0.54989
02/02/00	MW-2	200	1,300	01/17/00	46,000	0.07677	1.25249	6,000	0.01001	0.05115	**31,000**	0.05174	0.60163
11/16/00	MW-2	150	1,450	10/12/00	63,200	0.07910	1.33159	5,840	0.00731	0.05846	**66,600**	0.08336	0.68499
02/23/01	MW-2	200	1,650	01/15/01	59,700	0.09963	1.43122	2,630	0.00439	0.06285	**5,080**	0.00848	0.69347
03/14/01	MW-2	300	1,950	01/15/01	59,700	0.14945	1.58067	2,630	0.00658	0.06943	**5,080**	0.01272	0.70618
04/20/01*	MW-2	200	2,150	04/09/01	56,900	0.09496	1.67563	1,860	0.00310	0.07254	**46,600**	0.07777	0.78395
05/30/01	MW-2	200	2,350	04/09/01	56,900	0.09496	1.77059	1,860	0.00310	0.07564	**46,600**	0.07777	0.86172
06/12/01	MW-2	100	2,450	04/09/01	56,900	0.04748	1.81807	1,860	0.00155	0.07719	**46,600**	0.03888	0.90061
11/06/01	MW-2	1,350	3,800	10/31/01	45,000	0.50692	2.32499	2,200	0.02478	0.10198	**29,000**	0.32668	1.22729
11/23/01	MW-2	1,000	4,800	10/31/01	45,000	0.37550	2.70048	2,200	0.01836	0.12033	**29,000**	0.24199	1.46927
12/04/01	MW-2	20	4,820	10/31/01	45,000	0.00751	2.70799	2,200	0.00037	0.12070	**29,000**	0.00484	1.47411
12/20/01	MW-2	50	4,870	10/31/01	45,000	0.01877	2.72677	2,200	0.00092	0.12162	**29,000**	0.01210	1.48621
01/14/02	MW-2	10	4,880	01/10/02	28,000	0.00234	2.72911	840	0.00007	0.12169	**32,000**	0.00267	1.48888
02/11/02	MW-2	62	4,942	01/10/02	28,000	0.01449	2.74359	840	0.00043	0.12212	**32,000**	0.01656	1.50544
02/25/02	MW-2	100	5,042	01/10/02	28,000	0.02336	2.76696	840	0.00070	0.12282	**32,000**	0.02670	1.53214
03/08/02*	MW-2	125	5,167	01/10/02	28,000	0.02921	2.79616	840	0.00088	0.12370	**32,000**	0.03338	1.56552
03/22/02	MW-2	125	5,292	01/10/02	28,000	0.02921	2.82537	840	0.00088	0.12458	**32,000**	0.03338	1.59890
04/10/02	MW-2	53	5,345	01/10/02	28,000	0.01238	2.83775	840	0.00037	0.12495	**32,000**	0.01415	1.61305
04/16/02	MW-2	100	5,445	01/10/02	28,000	0.02336	2.86111	840	0.00070	0.12565	**32,000**	0.02670	1.63975
04/24/02	MW-2	100	5,545	01/10/02	28,000	0.02336	2.88448	840	0.00070	0.12635	**32,000**	0.02670	1.66645
05/08/02	MW-2	29	5,574	04/25/02	41,000	0.00992	2.89440	1,900	0.00046	0.12681	**17,000**	0.00411	1.67057
05/22/02	MW-2	300	5,874	04/25/02	41,000	0.10264	2.99703	1,900	0.00476	0.13157	**17,000**	0.04256	1.71312
05/29/02	MW-2	122	5,996	04/25/02	41,000	0.04174	3.03877	1,900	0.00193	0.13350	**17,000**	0.01731	1.73043

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995758, 4255 MacArthur Boulevard, Oakland, CA

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (lb)	TPPH Removed To Date (lb)	Benzene Concentration (ppb)	Benzene Removed (lb)	Benzene Removed to Date (lb)	MTBE Concentration (ppb)	MTBE Removed (lb)	MTBE Removed To Date (lb)
06/05/02	MW-2	30	6,026	04/25/02	41,000	0.01026	3.04904	1,900	0.00048	0.13398	**17,000**	0.00426	1.73468
06/19/02	MW-2	500	6,526	04/25/02	41,000	0.17106	3.22010	1,900	0.00793	0.14190	**17,000**	0.07093	1.80561
06/26/02	MW-2	50	6,576	04/25/02	41,000	0.01711	3.23720	1,900	0.00079	0.14270	**17,000**	0.00709	1.81270
07/10/02	MW-2	900	7,476	04/25/02	41,000	0.30791	3.54511	1,900	0.01427	0.15696	**17,000**	0.12767	1.94037
07/17/02	MW-2	400	7,876	04/25/02	41,000	0.13685	3.68196	1,900	0.00634	0.16331	**17,000**	0.05674	1.99711
08/21/02	MW-2	100	7,976	07/18/02	87,000	0.07260	3.75455	2,000	0.00167	0.16498	**19,000**	0.01585	2.01297
08/27/02	MW-2	50	8,026	07/18/02	87,000	0.03630	3.79085	2,000	0.00083	0.16581	**19,000**	0.00793	2.02089
09/25/02	MW-2	178	8,204	07/18/02	87,000	0.12922	3.92007	2,000	0.00297	0.16878	**19,000**	0.02822	2.04912
10/22/02	MW-2	50	8,254	10/07/02	110,000	0.04589	3.96596	3,900	0.00163	0.17041	**20,000**	0.00834	2.05746
11/01/02	MW-2	152	8,406	10/07/02	110,000	0.13952	4.10548	3,900	0.00495	0.17535	**20,000**	0.02537	2.08283
11/02/02	MW-2	56	8,462	10/07/02	110,000	0.05140	4.15688	3,900	0.00182	0.17718	**20,000**	0.00935	2.09217
01/13/03	MW-2	40	8,502	01/06/03	65,000	0.02170	4.17858	2,400	0.00080	0.17798	**26,000**	0.00868	2.10085
02/12/03	MW-2	0	8,502	01/06/03	65,000	0.00000	4.17858	2,400	0.00000	0.17798	**26,000**	0.00000	2.10085
03/12/03	MW-2	30	8,532	01/06/03	65,000	0.01627	4.19485	2,400	0.00060	0.17858	**26,000**	0.00651	2.10736
04/15/03	MW-2	70	8,602	04/07/03	57,000	0.03329	4.22814	1,900	0.00111	0.17969	**37,000**	0.02161	2.12897
07/22/03	MW-2	200	8,802	07/07/03	34,000	0.05674	4.28489	4,000	0.00668	0.18636	**51,000**	0.08511	2.21408
07/30/03	MW-2	125	8,927	07/07/03	34,000	0.03546	4.32035	4,000	0.00417	0.19054	**51,000**	0.05320	2.26728
08/05/03	MW-2	175	9,102	07/07/03	34,000	0.04965	4.37000	4,000	0.00584	0.19638	**51,000**	0.07447	2.34175
08/19/03	MW-2	127	9,229	07/07/03	34,000	0.03603	4.40603	4,000	0.00424	0.20062	**51,000**	0.05405	2.39580
09/02/03	MW-2	159	9,388	07/07/03	34,000	0.04511	4.45114	4,000	0.00531	0.20592	**51,000**	0.06766	2.46346
09/16/03	MW-2	156	9,544	07/07/03	34,000	0.04426	4.49540	4,000	0.00521	0.21113	**51,000**	0.06639	2.52985
09/30/03	MW-2	126	9,670	07/07/03	34,000	0.03575	4.53114	4,000	0.00421	0.21534	**51,000**	0.05362	2.58347
05/30/01	MW-3	50	50	04/09/01	33,800	0.01410	0.01410	7,100	0.00296	0.00296	13,000	0.00542	0.00542
06/12/01	MW-3	50	100	04/09/01	33,800	0.01410	0.02820	7,100	0.00296	0.00592	13,000	0.00542	0.01085
08/27/02	MW-3	300	400	07/18/02	56,000	0.14019	0.16839	3,300	0.00826	0.01419	8,400	0.02103	0.03188
09/25/02	MW-3	200	600	07/18/02	56,000	0.09346	0.26185	3,300	0.00551	0.01969	8,400	0.01402	0.04589
10/22/02	MW-3	125	725	07/18/02	56,000	0.05841	0.32026	3,300	0.00344	0.02313	8,400	0.00876	0.05466
11/01/02	MW-3	100	825	07/18/02	56,000	0.04673	0.36698	3,300	0.00275	0.02589	8,400	0.00701	0.06166

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995758, 4255 MacArthur Boulevard, Oakland, CA

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (lb)	TPPH Removed To Date (lb)	Benzene Concentration (ppb)	Benzene Removed (lb)	Benzene Removed to Date (lb)	MTBE Concentration (ppb)	MTBE Removed (lb)	MTBE Removed To Date (lb)
11/02/02	MW-3	250	1,075	07/18/02	56,000	0.11682	0.48381	3,300	0.00688	0.03277	8,400	0.01752	0.07919
01/13/03	MW-3	60	1,135	01/06/03	57,000	0.02854	0.51234	3,200	0.00160	0.03437	5,100	0.00255	0.08174
02/12/03	MW-3	0	1,135	01/06/03	57,000	0.00000	0.51234	3,200	0.00000	0.03437	5,100	0.00000	0.08174
03/12/03	MW-3	52	1,187	01/06/03	57,000	0.02473	0.53708	3,200	0.00139	0.03576	5,100	0.00221	0.08395
04/15/03	MW-3	14	1,201	04/07/03	57,000	0.00666	0.54373	6,200	0.00072	0.03649	8,200	0.00096	0.08491
07/22/03	MW-3	66	1,267	07/07/03	28,000	0.01542	0.55916	4,900	0.00270	0.03919	7,900	0.00435	0.08926
07/30/03	MW-3	156	1,423	07/07/03	28,000	0.03645	0.59560	4,900	0.00638	0.04556	7,900	0.01028	0.09955
08/05/03	MW-3	74	1,497	07/07/03	28,000	0.01729	0.61289	4,900	0.00303	0.04859	7,900	0.00488	0.10442
08/19/03	MW-3	127	1,624	07/07/03	28,000	0.02967	0.64257	4,900	0.00519	0.05378	7,900	0.00837	0.11280
09/02/03	MW-3	100	1,724	07/07/03	28,000	0.02336	0.66593	4,900	0.00409	0.05787	7,900	0.00659	0.11939
09/16/03	MW-3	100	1,824	07/07/03	28,000	0.02336	0.68929	4,900	0.00409	0.06196	7,900	0.00659	0.12598
09/30/03	MW-3	126	1,950	07/07/03	28,000	0.02944	0.71873	4,900	0.00515	0.06711	7,900	0.00831	0.13429
09/05/01	TB-1	300	300	10/31/01	1,000	0.00250	0.00250	85	0.00021	0.00021	4,100	0.01026	0.01026
09/19/01	TB-1	1,400	1,700	10/31/01	1,000	0.01168	0.01419	85	0.00099	0.00121	4,100	0.04790	0.05816
10/16/01	TB-1	1,200	2,900	10/31/01	1,000	0.01001	0.02420	85	0.00085	0.00206	4,100	0.04105	0.09921
04/16/02	TB-1	1,111	4,011	10/31/01	5,000	0.04635	0.07055	410	0.00380	0.00586	9,000	0.08344	0.18265
04/23/99	TB-2	4,800	4,800	08/24/99	6,240	0.24993	0.24993	400	0.01602	0.01602	86,100	3.44856	3.44856
05/24/99	TB-2	4,800	9,600	08/24/99	6,240	0.24993	0.49986	400	0.01602	0.03204	86,100	3.44856	6.89711
06/28/99	TB-2	4,800	14,400	08/24/99	6,240	0.24993	0.74979	400	0.01602	0.04806	86,100	3.44856	10.34567
07/30/99	TB-2	4,800	19,200	08/24/99	6,240	0.24993	0.99972	400	0.01602	0.06408	86,100	3.44856	13.79422
08/24/99	TB-2	2,400	21,600	08/24/99	6,240	0.12497	1.12469	400	0.00801	0.07210	86,100	1.72428	15.51850
10/29/99	TB-2	2,255	23,855	10/29/99	7,460	0.14037	1.26506	656	0.01234	0.08444	442	0.00832	15.52682
11/30/99	TB-2	3,800	27,655	10/29/99	7,460	0.23655	1.50160	656	0.02080	0.10524	442	0.01402	15.54083
02/02/00	TB-2	4,500	32,155	01/31/00	2,070	0.07773	1.57933	108	0.00406	0.10930	6,550	0.24595	15.78678
11/16/00	TB-2	974	33,129	11/16/00	107,000	0.86963	2.44896	3,390	0.02755	0.13685	16,800	0.13654	15.92332
02/23/01	TB-2	2,506	35,635	02/23/01	80,600	1.68542	4.13439	2,410	0.05040	0.18724	38,100	0.79671	16.72003
03/14/01	TB-2	1,075	36,710	02/23/01	80,600	0.72300	4.85738	2,410	0.02162	0.20886	38,100	0.34176	17.06179

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995758, 4255 MacArthur Boulevard, Oakland, CA

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (lb)	TPPH Removed To Date (lb)	Benzene Concentration (ppb)	Benzene Removed (lb)	Benzene Removed to Date (lb)	MTBE Concentration (ppb)	MTBE Removed (lb)	MTBE Removed To Date (lb)
04/20/01*	TB-2	1,760	38,470	04/09/01	46,600	0.68437	5.54175	1,240	0.01821	0.22707	31,300	0.45967	17.52147
05/30/01	TB-2	2,100	40,570	04/09/01	46,600	0.81658	6.35833	1,240	0.02173	0.24880	31,300	0.54847	18.06994
06/12/01	TB-2	2,400	42,970	04/09/01	46,600	0.93323	7.29156	1,240	0.02483	0.27363	31,300	0.62683	18.69677
08/07/01	TB-2	2,510	43,080	07/24/01	11,000	0.23039	7.52195	630	0.01319	0.28683	**11,000**	0.23039	18.92716
08/21/01	TB-2	2,700	45,670	07/24/01	11,000	0.24783	7.76978	630	0.01419	0.30102	**11,000**	0.24783	19.17499
09/05/01	TB-2	2,100	45,180	07/24/01	11,000	0.19275	7.96253	630	0.01104	0.31206	**11,000**	0.19275	19.36774
09/19/01	TB-2	1,500	47,170	07/24/01	11,000	0.13768	8.10022	630	0.00789	0.31995	**11,000**	0.13768	19.50542
10/16/01	TB-2	1,750	46,930	07/24/01	11,000	0.16063	8.26085	630	0.00920	0.32915	**11,000**	0.16063	19.66605
11/06/01	TB-2	1,500	48,670	10/31/01	7,500	0.09387	8.35472	530	0.00663	0.33578	**2,500**	0.03129	19.69734
11/23/01	TB-2	1,500	48,430	10/31/01	7,500	0.09387	8.44859	530	0.00663	0.34241	**2,500**	0.03129	19.72863
10/04/01	TB-2	2,900	51,570	10/31/01	7,500	0.18149	8.63008	530	0.01283	0.35524	**2,500**	0.06050	19.78913
12/20/01	TB-2	2,950	51,380	10/31/01	7,500	0.18462	8.81470	530	0.01305	0.36829	**2,500**	0.06154	19.85067
01/14/02	TB-2	2,542	54,112	01/10/02	<5,000	0.05303	8.86773	480	0.01018	0.37847	**12,000**	0.25454	20.10521
02/11/02	TB-2	1,300	52,680	01/10/02	<5,000	0.02712	8.89485	480	0.00521	0.38367	**12,000**	0.13017	20.23538
02/25/02	TB-2	2,400	56,512	01/10/02	<5,000	0.05007	8.94492	480	0.00961	0.39329	**12,000**	0.24032	20.47570
03/08/02*	TB-2	3,052	55,732	01/10/02	<5,000	0.06367	9.00858	480	0.01222	0.40551	**12,000**	0.30560	20.78130
03/22/02	TB-2	2,234	58,746	01/10/02	<5,000	0.04660	9.05519	480	0.00895	0.41446	**12,000**	0.22370	21.00499
04/10/02	TB-2	2,156	57,888	01/10/02	<5,000	0.04498	9.10016	480	0.00864	0.42309	**12,000**	0.21589	21.22088
04/24/02	TB-2	1,308	60,054	01/10/02	<5,000	0.02729	9.12745	480	0.00524	0.42833	**12,000**	0.13097	21.35185
05/08/02	TB-2	1,400	59,288	04/27/02	4,700	0.05491	9.18235	470	0.00549	0.43382	**7,400**	0.08645	21.43830
05/22/02	TB-2	1,707	61,761	04/27/02	4,700	0.06695	9.24930	470	0.00669	0.44052	**7,400**	0.10540	21.54370
05/29/02	TB-2	900	60,188	04/27/02	4,700	0.03530	9.28460	470	0.00353	0.44405	**7,400**	0.05557	21.59928
06/05/02	TB-2	1,615	63,376	04/27/02	4,700	0.06334	9.34793	470	0.00633	0.45038	**7,400**	0.09972	21.69900
06/19/02	TB-2	400	60,588	04/27/02	4,700	0.01569	9.36362	470	0.00157	0.45195	**7,400**	0.02470	21.72370
06/26/02	TB-2	1,027	64,403	04/27/02	4,700	0.04028	9.40390	470	0.00403	0.45598	**7,400**	0.06342	21.78712
07/10/02	TB-2	165	60,753	04/27/02	4,700	0.00647	9.41037	470	0.00065	0.45662	**7,400**	0.01019	21.79730
07/17/02	TB-2	315	64,718	04/27/02	4,700	0.01235	9.42272	470	0.00124	0.45786	**7,400**	0.01945	21.81676
08/21/02	TB-2	634	61,387	07/18/02	7,500	0.03968	9.46240	630	0.00333	0.46119	**44,000**	0.23277	22.04953
08/27/02	TB-2	34	64,752	07/18/02	7,500	0.00213	9.46453	630	0.00018	0.46137	**44,000**	0.01248	22.06201

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995758, 4255 MacArthur Boulevard, Oakland, CA

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (lb)	TPPH Removed To Date (lb)	Benzene Concentration (ppb)	Benzene Removed (lb)	Benzene Removed to Date (lb)	MTBE Concentration (ppb)	MTBE Removed (lb)	MTBE Removed To Date (lb)
09/25/02	TB-2	1,200	62,587	07/18/02	7,500	0.07510	9.53963	630	0.00631	0.46768	**44,000**	0.44058	22.50259
10/22/02	TB-2	1,520	66,272	10/07/02	<10,000	0.06342	9.60305	580	0.00736	0.47504	**30,000**	0.38050	22.88310
11/01/02	TB-2	1,952	64,539	10/07/02	<10,000	0.08144	9.68449	580	0.00945	0.48448	**30,000**	0.48865	23.37174
11/02/02	TB-2	2,000	68,272	10/07/02	<10,000	0.08344	9.76793	580	0.00968	0.49416	**30,000**	0.50066	23.87240
01/13/03	TB-2	2,616	67,155	01/06/03	120	0.00262	9.77055	4.8	0.00010	0.49427	**220**	0.00480	23.87721
02/12/03	TB-2	0	68,272	01/06/03	120	0.00000	9.77055	4.8	0.00000	0.49427	**220**	0.00000	23.87721
Total Gallons Extracted:			**110,488**		**Total Pounds Removed:**		**15.09098**			**0.78257**			**26.77761**
					Total Gallons Removed:		**2.47393**			**0.10720**			**4.31897**

Abbreviations & Notes:

TPPH = Total purgeable hydrocarbons as gasoline, analyzed by EPA Method 8015
MtBE = Methyl tert-butyl ether by EPA Method 8020; MTBE results in bold are analyzed by EPA Method 8260
ppb = Parts per billion
lb = Pound
gal = Gallon
* = Purge volume estimated
Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10^6µg) x (pound/453.6g) x (3.785 L/gal)
Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)
Benzene analyzed by EPA Method 8020

Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995758, 4255 MacArthur Boulevard, Oakland, CA

Date	Well ID	Interval Hours of Operation (hours)	System Flow Rate (CFM)	Hydrocarbon Concentrations (Concentrations in ppmv) TPHg	Benzene	MTBE	TPHg Removal Rate (#/hour)	TPHg Cumulative TPHg Removed (#)	Benzene Removal Rate (#/hour)	Benzene Cumulative Benzene Removed (#)	MTBE Removal Rate (#/hour)	MTBE Cumulative MTBE Removed (#)
							TPHg		**Benzene**		**MTBE**	
11/16/00	MW-2	0.67	0.5	663.0	7.00	42.0	0.004	0.003	0.000	0.000	0.000	0.000
02/23/01	MW-2	7.00	3.2	24.1	0.93	11.9	0.001	0.010	0.000	0.000	0.001	0.004
03/14/01	MW-2	6.00	4.0	203	4.13	51.9	0.011	0.075	0.000	0.001	0.003	0.021
04/20/01*	MW-2	4.00	6.2	310	4.4	49	0.026	0.178	0.000	0.003	0.004	0.037
05/30/01	MW-2	3.00	7.7	360	4.4	50	0.037	0.289	0.000	0.004	0.005	0.053
06/12/01	MW-2	3.00	5.1	56	0.33	2.0	0.004	0.301	0.000	0.004	0.000	0.054
04/16/02	MW-2	6.00	7.7	1,600	7.2	47	0.165	1.289	0.001	0.008	0.005	0.083
05/22/02	MW-2	2.00	7.5	160	1.3	13	0.016	1.321	0.000	0.008	0.001	0.086
06/19/02	MW-2	5.00	11.5	95	0.94	10	0.015	1.394	0.000	0.009	0.002	0.094
07/17/02	MW-2	6.00	10.0	420	3.2	18	0.056	1.731	0.000	0.011	0.002	0.109
09/25/02	MW-2	4.00	27.3	980	4.0	20	0.358	3.161	0.001	0.017	0.007	0.139
07/22/03	MW-2	3.00	NA	NA	NA	NA	0.000	3.161	0.000	0.017	0.000	0.139
07/30/03	MW-2	3.00	4.1	3,500	23	140	0.192	3.737	0.001	0.020	0.008	0.162
08/05/03	MW-2	2.83	5.8	8,000	57	110	0.620	5.492	0.004	0.031	0.009	0.187
08/19/03	MW-2	3.17	6.9	3,300	11	71	0.304	6.457	0.001	0.034	0.007	0.208
09/02/03	MW-2	3.00	6.9	2,400	13	81	0.221	7.121	0.001	0.038	0.008	0.231
09/16/03	MW-2	3.00	2.9	2,000	14	71	0.078	7.354	0.000	0.039	0.003	0.239
09/30/03	MW-2	3.17	2.9	3,500	14	46	0.136	7.784	0.000	0.041	0.002	0.245
05/30/01	MW-3	3.00	4.0	4,200	7.1	14	0.225	0.674	0.000	0.001	0.001	0.002
06/12/01	MW-3	3.00	3.3	2,400	5.8	9.8	0.106	0.991	0.000	0.002	0.000	0.004
09/25/02	MW-3	3.00	18.7	8,800	11	14	2.200	7.591	0.002	0.009	0.004	0.014
07/22/03	MW-3	3.00	NA	NA	NA	NA	0.000	7.591	0.000	0.009	0.000	0.014
07/30/03	MW-3	3.00	5.2	17,000	60	18	1.182	11.136	0.004	0.021	0.001	0.018

Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995758, 4255 MacArthur Boulevard, Oakland, CA

							TPHg		Benzene		MTBE	
		Interval Hours of	System Flow	Hydrocarbon Concentrations			TPHg Removal	Cumulative TPHg	Benzene Removal	Cumulative Benzene	MTBE Removal	Cumulative MTBE
Date	Well ID	Operation (hours)	Rate (CFM)	TPHg	Benzene	MTBE	Rate (#/hour)	Removed (#)	Rate (#/hour)	Removed (#)	Rate (#/hour)	Removed (#)
				(Concentrations in ppmv)								
08/05/03	MW-3	3.00	5.3	18,000	84	35	1.275	14.962	0.005	0.037	0.003	0.026
08/19/03	MW-3	3.33	6.1	6,800	12	14	0.554	16.808	0.001	0.040	0.001	0.030
09/02/03	MW-3	3.50	6.1	2,200	15	120	0.179	17.436	0.001	0.044	0.010	0.065
09/16/03	MW-3	2.92	3.0	4,800	21	15	0.192	17.998	0.001	0.046	0.001	0.067
09/30/03	MW-3	3.25	3.0	4,800	13	9.9	0.192	18.624	0.000	0.047	0.000	0.068
Total Pounds Removed:							**TPHg =**	**26.408**	**Benzene =**	**0.088**	**MTBE =**	**0.313**

Abbreviations and Notes:

CFM = Cubic feet per minute

TPHg = Total petroleum hydrocarbons as gasoline (C6-C12) by modified EPA Method 8015 in 1 liter tedlar bag samples

ppmv = Parts per million by volume

= Pounds

TPHG, Benzene, and MTBE analyzed by EPA Method 8015/8020 in 1 liter tedlar bag samples

TPHg / Benzene / MTBE removal rate = Rate based on Bay Area Air Quality Management District's Manual of Procedures for Soil Vapor Extraction dated July 17, 1991.

(Rate = Concentration (ppmv) x system flow rate (cfm) x (1lb-mole/386ft3) x molecular weight (86 lb/lb-mole for TPHg, 78 lb/lb-mole for benzene, 88 lb/lb-mole for MTBE) x 60 min/hour x 1/1,000,000)

Cumulative TPHg / Benzene / MTBE removal = Previous removal rate multiplied by the hour-interval of operation plus the previous total

* = Interval hours of operation estimated.

ATTACHMENT A

Blaine Groundwater Monitoring Report
and Field Notes

BLAINE
TECH SERVICES, INC.

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August 4, 2004

Karen Petryna
Shell Oil Products US
P.O. Box 7869
Burbank, CA 91510-7869

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

Monitoring performed on July 12, 2004

Groundwater Monitoring Report **040712-DW-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, 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-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	11.48	NA	159.43	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	10.84	NA	160.07	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	11.89	NA	159.02	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	12.89	NA	158.02	NA	NA	NA
MW-2	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.11	NA	161.80	NA	NA	NA
MW-2	01/13/1995	75,000	5,900	12,000	3,100	17,000	NA	NA	NA	NA	NA	NA	NA	170.91	9.22	NA	161.69	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	8.10	NA	162.81	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	10.12	NA	160.79	NA	NA	NA
MW-2	10/18/1995	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	01/17/1996	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	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.27	NA	160.78	0.17	NA	NA
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

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	07/17/1996	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
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**

WELL CONCENTRATIONS
Shell-branded Service Station
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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
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

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	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-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
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

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	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
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**

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-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**
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
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

WELL CONCENTRATIONS
Shell-branded Service Station
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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

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

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:
* = Sample analyzed outside the EPA recommended holding time.
a = Ground water surface had a sheen when sampled.
b = MTBE value is estimated by Sequoia Analytical of Redwood City, CA.
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#: 2004-07-0318

Blaine Tech Services, Inc.

July 26, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: BTS#040712-DW-1
Project: 98995758
Site: 4255 MacArthur Boulevard, Oakland

Dear Mr.Gearhart,

Attached is our report for your samples received on 07/12/2004 16:17
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 08/26/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,

Vincent Vancil
Project Manager

SEVERN TRENT STL

Submission: 2004-07-0318

Misc Anions by Ion Chromatograph

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	07/12/2004 11:30	Water	1
MW-4	07/12/2004 11:18	Water	2
MW-5	07/12/2004 10:12	Water	3

Misc Anions by Ion Chromatograph

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	300.0/9056	Test(s):	300.0/9056
Sample ID:	**MW-1**	Lab ID:	2004-07-0318-1
Sampled:	07/12/2004 11:30	Extracted:	7/12/2004 19:00
Matrix:	Water	QC Batch#:	2004/07/12-02.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	1.00	07/12/2004 21:53	
Sulfate	17	1.0	mg/L	1.00	07/12/2004 21:53	

SEVERN TRENT STL

Submission: 2004-07-0318

Misc Anions by Ion Chromatograph

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	300.0/9056	Test(s):	300.0/9056
Sample ID:	**MW-4**	Lab ID:	2004-07-0318 - 2
Sampled:	07/12/2004 11:18	Extracted:	7/12/2004 19:00
Matrix:	Water	QC Batch#:	2004/07/12-02.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	1.00	07/12/2004 23:10	
Sulfate	3.7	1.0	mg/L	1.00	07/12/2004 23:10	

Misc Anions by Ion Chromatograph

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	300.0/9056	Test(s):	300.0/9056
Sample ID:	**MW-5**	Lab ID:	2004-07-0318 - 3
Sampled:	07/12/2004 10:12	Extracted:	7/12/2004 19:00
Matrix:	Water	QC Batch#:	2004/07/12-02.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	5.8	1.0	mg/L	1.00	07/12/2004 23:29	
Sulfate	24	1.0	mg/L	1.00	07/12/2004 23:29	

Misc Anions by Ion Chromatograph

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 300.0/9056 — Test(s): 300.0/9056

Method Blank — **Water** — **QC Batch # 2004/07/12-02.41**

MB: 2004/07/12-02.41-001 — Date Extracted: 07/12/2004 19:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Nitrate	ND	1.0	mg/L	07/12/2004 21:15	
Sulfate	ND	1.0	mg/L	07/12/2004 21:15	

Misc Anions by Ion Chromatograph

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 300.0/9056 Test(s): 300.0/9056

Laboratory Control Spike **Water** **QC Batch # 2004/07/12-02.41**

LCS 2004/07/12-02.41-002 Extracted: 07/12/2004 Analyzed: 07/12/2004 21:34

LCSD 2004/07/12-02.41-003 Extracted: 07/12/2004 Analyzed: 07/12/2004 21:53

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Nitrate	19.3	19.3	20.0	96.5	96.5	0.0	80-120	20		
Sulfate	19.4	19.4	20.0	97.0	97.0	0.0	80-120	20		

Misc Anions by Ion Chromatograph

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 300.0/9056 Test(s): 300.0/9056

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/07/12-02.41**

MW-1 >> MS Lab ID: 2004-07-0318 - 001

MS: 2004/07/12-02.41-004 Extracted: 07/12/2004 Analyzed: 07/12/2004 22:31
Dilution: 1.00

MSD: 2004/07/12-02.41-005 Extracted: 07/12/2004 Analyzed: 07/12/2004 22:50
Dilution: 1.00

Compound	Conc. mg/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Nitrate	19.6	19.6	ND	20.0	98.0	98.0	0.0	80-120	20		
Sulfate	37.0	37.1	16.8	20.0	101.0	101.5	0.5	80-120	20		

SEVERN TRENT STL

Submission: 2004-07-0318

Alkalinity (Total)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	07/12/2004 11:30	Water	1
MW-4	07/12/2004 11:18	Water	2
MW-5	07/12/2004 10:12	Water	3

Alkalinity (Total)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	**MW-1**	Lab ID:	2004-07-0318 - 1
Sampled:	07/12/2004 11:30	Extracted:	7/14/2004 12:19
Matrix:	Water	QC Batch#:	2004/07/14-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity, Bicarbonate (as CaCO3)	490	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity (Total)	490	5.0	mg/L	1.00	07/14/2004 12:19	

Alkalinity (Total)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-4	Lab ID:	2004-07-0318 - 2
Sampled:	07/12/2004 11:18	Extracted:	7/14/2004 12:19
Matrix:	Water	QC Batch#:	2004/07/14-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity, Bicarbonate (as CaCO3)	430	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity (Total)	430	5.0	mg/L	1.00	07/14/2004 12:19	

Alkalinity (Total)

Blaine Tech Services, Inc.
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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	**MW-5**	Lab ID:	2004-07-0318 - 3
Sampled:	07/12/2004 10:12	Extracted:	7/14/2004 12:19
Matrix:	Water	QC Batch#:	2004/07/14-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity, Bicarbonate (as CaCO3)	240	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	07/14/2004 12:19	
Alkalinity (Total)	240	5.0	mg/L	1.00	07/14/2004 12:19	

Alkalinity (Total)

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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): SM2320B
Method Blank
MB: 2004/07/14-01.58-001

Water

Test(s): SM2320B
QC Batch # 2004/07/14-01.58
Date Extracted: 07/14/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
Alkalinity (Total)	ND	5.0	mg/L	07/14/2004	

Alkalinity (Total)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): SM2320B

Test(s): SM2320B

Laboratory Control Spike | **Water** | **QC Batch # 2004/07/14-01.58**

LCS 2004/07/14-01.58-002 Extracted: 07/14/2004 Analyzed: 07/14/2004

LCSD 2004/07/14-01.58-003 Extracted: 07/14/2004 Analyzed: 07/14/2004

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Alkalinity (Total)	2290	2290	2500	91.6	91.6	0.0	80-120	20		

SEVERN TRENT STL

Submission: 2004-07-0318

Dissolved Metals

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	07/12/2004 11:30	Water	1
MW-4	07/12/2004 11:18	Water	2
MW-5	07/12/2004 10:12	Water	3

Dissolved Metals

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**MW-1**	Lab ID:	2004-07-0318 - 1
Sampled:	07/12/2004 11:30	Extracted:	7/15/2004 08:54
Matrix:	Water	QC Batch#:	2004/07/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	ND	0.20	mg/L	1.00	07/15/2004 20:31	

Dissolved Metals

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**MW-4**	Lab ID:	2004-07-0318-2
Sampled:	07/12/2004 11:18	Extracted:	7/15/2004 08:54
Matrix:	Water	QC Batch#:	2004/07/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	0.33	0.20	mg/L	1.00	07/15/2004 20:35	

Dissolved Metals

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**MW-5**	Lab ID:	2004-07-0318 - 3
Sampled:	07/12/2004 10:12	Extracted:	7/15/2004 08:54
Matrix:	Water	QC Batch#:	2004/07/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	ND	0.20	mg/L	1.00	07/15/2004 20:40	

Dissolved Metals

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 3005A — Test(s): 6010B

Method Blank — **Water** — **QC Batch # 2004/07/15-05.15**

MB: 2004/07/15-05.15-005 — Date Extracted: 07/15/2004 08:54

Compound	Conc.	RL	Unit	Analyzed	Flag
Iron	ND	0.20	mg/L	07/15/2004 19:19	

Dissolved Metals

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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2004/07/15-05.15**

LCS 2004/07/15-05.15-006 Extracted: 07/15/2004 Analyzed: 07/15/2004 19:24

LCSD 2004/07/15-05.15-007 Extracted: 07/15/2004 Analyzed: 07/15/2004 19:28

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Iron	5.16	5.09	5.00	103.2	101.8	1.4	80-120	20		

SEVERN TRENT STL

Submission: 2004-07-0318

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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	07/12/2004 11:30	Water	1
MW-4	07/12/2004 11:18	Water	2
MW-5	07/12/2004 10:12	Water	3

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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2004-07-0318 - 1
Sampled:	07/12/2004 11:30	Extracted:	7/24/2004 21:52
Matrix:	Water	QC Batch#:	2004/07/24-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	07/24/2004 21:52	
Benzene	2.5	0.50	ug/L	1.00	07/24/2004 21:52	
Toluene	ND	0.50	ug/L	1.00	07/24/2004 21:52	
Ethylbenzene	ND	0.50	ug/L	1.00	07/24/2004 21:52	
Total xylenes	ND	1.0	ug/L	1.00	07/24/2004 21:52	
tert-Butyl alcohol (TBA)	26	5.0	ug/L	1.00	07/24/2004 21:52	
Methyl tert-butyl ether (MTBE)	120	0.50	ug/L	1.00	07/24/2004 21:52	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	07/24/2004 21:52	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	07/24/2004 21:52	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	07/24/2004 21:52	
Ethanol	ND	50	ug/L	1.00	07/24/2004 21:52	
Surrogate(s)						
1,2-Dichloroethane-d4	110.0	76-130	%	1.00	07/24/2004 21:52	
Toluene-d8	96.4	78-115	%	1.00	07/24/2004 21:52	

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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s): 5030B
Sample ID: **MW-4**
Sampled: 07/12/2004 11:18
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-07-0318 - 2
Extracted: 7/24/2004 22:17
QC Batch#: 2004/07/24-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	500	ug/L	10.00	07/24/2004 22:17	
Benzene	11	5.0	ug/L	10.00	07/24/2004 22:17	
Toluene	ND	5.0	ug/L	10.00	07/24/2004 22:17	
Ethylbenzene	7.8	5.0	ug/L	10.00	07/24/2004 22:17	
Total xylenes	ND	10	ug/L	10.00	07/24/2004 22:17	
tert-Butyl alcohol (TBA)	5900	50	ug/L	10.00	07/24/2004 22:17	
Methyl tert-butyl ether (MTBE)	370	5.0	ug/L	10.00	07/24/2004 22:17	
Di-isopropyl Ether (DIPE)	ND	20	ug/L	10.00	07/24/2004 22:17	
Ethyl tert-butyl ether (ETBE)	ND	20	ug/L	10.00	07/24/2004 22:17	
tert-Amyl methyl ether (TAME)	ND	20	ug/L	10.00	07/24/2004 22:17	
Ethanol	ND	500	ug/L	10.00	07/24/2004 22:17	
Surrogate(s)						
1,2-Dichloroethane-d4	101.6	76-130	%	10.00	07/24/2004 22:17	
Toluene-d8	96.8	78-115	%	10.00	07/24/2004 22:17	

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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-5**	Lab ID:	2004-07-0318 - 3
Sampled:	07/12/2004 10:12	Extracted:	7/24/2004 22:41
Matrix:	Water	QC Batch#:	2004/07/24-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	07/24/2004 22:41	
Benzene	ND	0.50	ug/L	1.00	07/24/2004 22:41	
Toluene	ND	0.50	ug/L	1.00	07/24/2004 22:41	
Ethylbenzene	ND	0.50	ug/L	1.00	07/24/2004 22:41	
Total xylenes	ND	1.0	ug/L	1.00	07/24/2004 22:41	
tert-Butyl alcohol (TBA)	12	5.0	ug/L	1.00	07/24/2004 22:41	
Methyl tert-butyl ether (MTBE)	47	0.50	ug/L	1.00	07/24/2004 22:41	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	07/24/2004 22:41	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	07/24/2004 22:41	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	07/24/2004 22:41	
Ethanol	ND	50	ug/L	1.00	07/24/2004 22:41	
Surrogate(s)						
1,2-Dichloroethane-d4	109.6	76-130	%	1.00	07/24/2004 22:41	
Toluene-d8	95.3	78-115	%	1.00	07/24/2004 22:41	

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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/07/24-1A.65-033

Water

Test(s): 8260B
QC Batch # 2004/07/24-1A.65
Date Extracted: 07/24/2004 14:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	07/24/2004 14:33	
Benzene	ND	0.5	ug/L	07/24/2004 14:33	
Toluene	ND	0.5	ug/L	07/24/2004 14:33	
Ethylbenzene	ND	0.5	ug/L	07/24/2004 14:33	
Total xylenes	ND	1.0	ug/L	07/24/2004 14:33	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	07/24/2004 14:33	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/24/2004 14:33	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	07/24/2004 14:33	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	07/24/2004 14:33	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	07/24/2004 14:33	
Ethanol	ND	50	ug/L	07/24/2004 14:33	
Surrogates(s)					
1,2-Dichloroethane-d4	103.6	76-130	%	07/24/2004 14:33	
Toluene-d8	93.6	78-115	%	07/24/2004 14:33	

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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2004/07/24-1A.65**

LCS 2004/07/24-1A.65-045 — Extracted: 07/24/2004 — Analyzed: 07/24/2004 13:45

LCSD 2004/07/24-1A.65-009 — Extracted: 07/24/2004 — Analyzed: 07/24/2004 14:09

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	27.1	26.5	25	108.4	106.0	2.2	69-129	20		
Toluene	25.9	26.3	25	103.6	105.2	1.5	70-130	20		
Methyl tert-butyl ether (MTBE)	29.7	33.3	25	118.8	133.2	11.4	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	500	476	500	100.0	95.2		76-130			
Toluene-d8	511	479	500	102.2	95.8		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: BTS#040712-DW-1
98995758

Received: 07/12/2004 16:17

Site: 4255 MacArthur Boulevard, Oakland

Legend and Notes

Analysis Flag

o

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

LAB: STL

Lab Identification (if necessary):

Address:

City, State, Zip:

SHELL Chain Of Custody Record

87670

Shell Project Manager to be Invoiced:

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

Karen Petryna

2004-07-0318

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

SAP or CRMT NUMBER (TS/CRMT)

DATE: 7-12-04

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS (Street and City): 4255 MacArthur Boulevard, Oakland	GLOBAL ID NO.: T0600101261
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112		EDF DELIVERABLE TO (Responsible Party or Designee): Anni Kreml	PHONE NO.: (510)420-3335
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart		E-MAIL: ShellOaklandEDF@cambria-env.com	CONSULTANT PROJECT NO.: 040712-DW-1 BTS #
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: lgearhart@blainetech.com	SAMPLER NAME(S) (Print): Dave Walter

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

	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)	TBA	TPH - Diesel, Extractable (8015m)		Total Alkalinity	Ferrous Iron	Nitrate as Nitrite	Sulfate		MTBE (8260B) Confirmation, See Note			FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
																											TEMPERATURE ON RECEIPT C°: 4.0
t		MW-1	7-12	1130	W	6	X	X		X						X			X	X	X	X					
t		MW-4	↓	1148	↓	↓	X	X		X						X			X	X	X	X					
t		MW-5	↓	1017	↓	↓	X	X		X						X			X	X	X	X					

Relinquished by: (Signature) [signature]	Received by: (Signature) [signature]	Date: 7/12/04	Time: 1617
Relinquished by: (Signature) [signature] 7/12/04 1757	Received by: (Signature) [signature]	Date: 7/12/04	Time: 1757
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

2004-07-0318

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

DATE: 7-12-04

PAGE: 1 of 1

SAMPLING COMPANY	LOG CODE	SITE ADDRESS (Street and City)	GLOBAL ID NO.
Blaine Tech Services	BTSS	4255 MacArthur Boulevard, Oakland	T0600101261

ADDRESS	EDF DELIVERABLE TO (Responsible Party or Designee)	PHONE NO.	E-MAIL	CONSULTANT PROJECT NO.
1680 Rogers Avenue, San Jose, CA 95112	Anni Kremt	(510)420-3335	ShellOaklandEDF@cambria-env.com	240712-DW-1

PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart

TELEPHONE	FAX	E-MAIL	BTS #
408-573-0555	408-573-7771	lgearhart@blainetech.com	

SAMPLER NAME(S) (Print): -Dave Walter

LAB USE ONLY

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

☐ 1A - 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

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)	TBA	TPH - Diesel, Extractable (8015m)		Total Alkalinity	Ferrous Iron	Nitrate as Nitrate	Sulfate		MTBE (8260B) Confirmation, See Note			TEMPERATURE ON RECEIPT C°
	MW-1	7-12	11:36	W	6	X	X		X	X	X				X			X	X	X	X					
	MW-4		11:48			X	X		X	X	X				X			X	X	X	X					
	MW-5		10:12			X	X		X	X	X				X			X	X	X	X					

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

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
David C. Walter		7/12/04	16:47
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

10/16/02 Revision

QED Graphic (714) 639-9102

WELL GAUGING DATA

Project # 040712-DW-1 Date 7-12-04 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					6.20	23.30		
MW-2	4		12.09	.03	73	12.12	~~12.12~~ -		
MW-3	4		14.83	.04	98	14.87	~~14.87~~ -		
MW-4	2					8.12	30.61		
MW-5	2					7.57	19.90		

SHELL WELL MONITORING DATA SHEET

BTS #: 040712-DW-1	Site: 4255 MacArthur Blvd
Sampler: DW	Date: 7-12-04
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 23.30	Depth to Water (DTW): 6.20
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]: 9.62	

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

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

11.1 (Gals.) X 3 = 33.3 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 (µS))	Turbidity (NTUs)	Gals. Removed	Observations
10:27	67.8	7.2	1125	5	11.1	
10:30	well	dewatered @ 15 gl			~~22~~	DTW = 21.40
~~10:33~~					~~33~~	
11:30	66.3	7.3	1132	11	-	

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

Sampling Date: 7-12-04 Sampling Time: 11:30 Depth to Water: 7.50

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, Alkalinity, Ferrous Iron, Nitrate, Sulfa.

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

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

D.O. (if req'd):	Pre-purge:	0.5 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 #: 040712-DW-1	Site: 4255 MacArthur Blvd
Sampler: DW	Date: 7-12-04
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 12.12
Depth to Free Product: 12.09	Thickness of Free Product (feet): .03
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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:

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	Bailed		.73 ml	SPH from	well	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 7-12-04 Sampling Time: Depth to Water:

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, Alkalinity, Ferrous Iron, Nitrate, Sulfa

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 040712-DW-1	Site: 4255 MacArthur Blvd
Sampler: DW	Date: 7-12-04
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): ~	Depth to Water (DTW): 14.87
Depth to Free Product: 14.83	Thickness of Free Product (feet): .04
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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:_____

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	Bailed	98 ml	SPH	from	well	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 7-12-04 Sampling Time: Depth to Water:

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, Alkalinity, Ferrous Iron, Nitrate, Sulfa

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 040712-DW-1	Site: 4255 MacArthur Blvd
Sampler: DW	Date: 7-12-04
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 30.61	Depth to Water (DTW): 8.12
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]: 12.61	

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

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

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

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
10:58	66.7	6.8	1067	187	3.6	gray/odor
11:04	66.5	6.9	1060	>200	7.2	" "
11:10	66.7	6.9	1054	>200	10.8	" "

Did well dewater? Yes (No) Gallons actually evacuated: 10.8

Sampling Date: 7-12-04 Sampling Time: 11:19 Depth to Water: 12.60

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, Alkalinity, Ferrous Iron, Nitrate, Sulfate

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

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

D.O. (if req'd):	Pre-purge:	0.5 mg/L	(Post-purge:)		mg/L
O.R.P. (if req'd):	Pre-purge:	142 mV	(Post-purge:)		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040712-DW-1	Site: 4255 MacArthur Blvd
Sampler: DW	Date: 7-12-04
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.90	Depth to Water (DTW): 7.57
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]: 10.03	

Purge Method: Bailer / X Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ___

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

2 (Gals.) X	3	= 6 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
10:00	66.0	7.0	976	>200	2	Brown
10:04	65.3	7.0	746	>200	4	"
10:07	64.4	6.9	695	>200	6	"

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Date: 7-12-04 Sampling Time: 10:12 Depth to Water: 10.00

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, Alkalinity, Ferrous Iron, Nitrate, Sulf

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

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

D.O. (if req'd):	Pre-purge:	0.4	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	90	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

July 12, 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)**												
7/12/2004	177.54	7.44	0.00	170.10	-1.01	57000	--	6900	7200	1600	580	490	440	
MW-2		**(Screen Interval in feet: 5.0-25.0)**												
7/12/2004	173.50	5.83	0.00	167.67	-0.62	1700	--	3.8	18	2.6	16	3000	3000	
MW-3		**(Screen Interval in feet: 5.0-25.0)**												
7/12/2004	178.13	7.41	0.00	170.72	-0.78	5500	--	350	310	120	350	180	100	
MW-4		**(Screen Interval in feet: 5.0-25.0)**												
7/12/2004	178.96	6.48	0.00	172.48	-0.80	3600	--	1000	14	260	72	710	470	
MW-5		**(Screen Interval in feet: DNA)**												
7/12/2004	169.18	2.56	0.00	166.62	-0.55	96	--	1.8	3.3	0.54	3.6	2.8	ND<0.5	
MW-6		**(Screen Interval in feet: DNA)**												
7/12/2004	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	
MW-7		**(Screen Interval in feet: DNA)**												
7/12/2004	171.64	9.44	0.00	162.20	-0.74	12000	--	28	14	330	200	12000	11000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 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)**													
1/7/2000	174.86	9.05	0.02	165.82	--	7870	--	7410	13900	2070	9620	ND	--	GWE corrected
3/31/2000	174.86	7.18	0.00	167.68	1.86	3600	--	10000	23000	3200	14000	ND	--	
7/14/2000	174.86	7.68	0.00	167.18	-0.50	8580	--	8250	18700	3750	17800	ND	--	
10/3/2000	174.86	7.99	0.00	166.87	-0.31	9260	--	8,760	20,000	3,350	15,600	ND	--	
1/3/2001	174.86	9.18	0.00	165.68	-1.19	11000	--	5,800	13,000	1,700	8,100	2,200	--	
4/4/2001	174.86	8.05	0.00	166.81	1.13	14000	--	7780	18500	2470	11800	ND	481	
7/17/2001	174.86	7.01	0.00	167.85	1.04	2,200	--	5,600	11,000	2,800	12,000	ND	230	
10/3/2001	177.54	7.89	0.00	169.65	1.80	--	--	8200	18000	3000	16000	ND<2,500	--	
10/5/2001	177.54	7.91	0.00	169.63	-0.02	13000	--	--	--	--	--	--	--	
1/28/2002	177.54	5.98	0.00	171.56	1.93	4400	--	8900	19000	2600	12000	3000	440	
4/25/2002	177.54	6.19	0.00	171.35	-0.21	9,000	--	8100	18000	3000	15000	810	670	
7/18/2002	177.54	6.99	0.00	170.55	-0.80	9,200	--	5,400	10,000	2,100	10,000	ND<500	620	
10/7/2002	177.54	7.73	0.00	169.81	-0.74	3,400	--	9,200	20,000	2,600	13,000	1,300	760	
1/6/2003	177.54	5.48	0.00	172.06	2.25	5,100	--	6,500	18,000	2,700	11,000	ND<1,000	790	
4/7/2003	177.54	6.30	0.00	171.24	-0.82	2,800	--	7,000	15,000	2,400	11,000	1,000	800	
7/7/2003	177.54	6.47	0.00	171.07	-0.17	7,000	--	6,400	11,000	2,600	11,000	600	530	
10/9/2003	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.
1/14/2004	177.54	6.69	0.00	170.85	1.16	98000	--	8000	21000	2600	15000	ND<1300	ND<800	
4/28/2004	177.54	6.43	0.00	171.11	0.26	93000	--	9000	20000	1300	10000	1400	560	
7/12/2004	177.54	7.44	0.00	170.10	-1.01	57000	--	6900	7200	1600	580	490	440	
MW-2	**(Screen Interval in feet: 5.0-25.0)**													
7/20/1999	173.01	5.40	--	167.61	--	--	--	ND	ND	ND	ND	4500	11,000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 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 continued														
9/28/1999	173.01	5.60	0.00	167.41	-0.20	--	--	124	ND	62.9	43.1	5280	6150	
1/7/2000	173.01	5.92	0.00	167.09	-0.32	--	--	99	ND	23.8	16	33100	--	
3/31/2000	173.01	5.23	0.00	167.78	0.69	--	--	42	ND	ND	ND	17000	--	
7/14/2000	173.01	5.52	0.00	167.49	-0.29	--	--	44.7	ND	ND	ND	66,500	--	
10/3/2000	173.01	6.04	0.00	166.97	-0.52	--	--	56.7	ND	ND	ND	57,500	--	
1/3/2001	173.01	6.42	0.00	166.59	-0.38	--	--	ND	ND	ND	ND	49,000	--	
4/4/2001	173.01	6.14	0.00	166.87	0.28	--	--	ND	ND	ND	ND	38700	37800	
7/17/2001	173.01	5.30	0.00	167.71	0.84	--	--	ND	ND	ND	ND	65000	56000	
10/3/2001	173.50	7.38	0.00	166.12	-1.59	--	--	2.7	ND<2.5	ND<2.5	ND<2.5	14000	18000	
1/28/2002	173.50	5.68	0.00	167.82	--	--	--	2.5	4.4	2.8	7.4	11000	10000	
4/25/2002	173.50	5.82	0.00	167.68	-0.14	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8400	8100	
7/18/2002	173.50	6.90	0.00	166.60	-1.08	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	4300	8800	
10/7/2002	173.50	7.54	0.00	165.96	-0.64	--	--	ND<10	27	21	75	7100	5900	
1/6/2003	173.50	6.79	0.00	166.71	0.75	--	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	31000	35000	
4/7/2003	173.50	6.49	0.00	167.01	0.30	--	--	ND<10	14	11	38	2000	1500	
7/7/2003	173.50	6.72	0.00	166.78	-0.23	--	--	ND<25	ND<25	ND<25	ND<25	5500	8300	
10/9/2003	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.
1/14/2004	173.50	5.53	0.00	167.97	1.63	3200	--	ND<25	ND<25	ND<25	ND<25	2600	3200	
4/28/2004	173.50	5.21	0.00	168.29	0.32	22000	--	ND<3	9.2	ND<3	ND<6	35000	22000	
7/12/2004	173.50	5.83	0.00	167.67	-0.62	1700	--	3.8	18	2.6	16	3000	3000	
MW-3	**(Screen Interval in feet: 5.0-25.0)**													
7/20/1999	178.44	8.50	--	169.94	--	--	--	76	52	79	76	330	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through July 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														
9/28/1999	178.44	8.31	0.00	170.13	0.19	--	--	174	95.4	71.8	135	443	288	
1/7/2000	178.44	8.56	0.00	169.88	-0.25	--	--	2450	3090	1560	3910	1940	--	
3/31/2000	178.44	8.42	0.00	170.02	0.14	--	--	1300	2900	2600	3500	2800	--	
7/14/2000	178.44	8.61	0.00	169.83	-0.19	--	--	1850	2630	2750	3900	548	--	
10/3/2000	178.44	9.14	0.00	169.30	-0.53	--	--	1,910	2,020	2,400	2,680	965	--	
1/3/2001	178.44	9.06	0.00	169.38	0.08	--	--	1,600	1,100	2,300	1,400	3,300	--	
4/4/2001	178.44	8.98	0.00	169.46	0.08	--	--	1150	1470	2100	1820	1050	450	
7/17/2001	178.44	7.46	0.00	170.98	1.52	--	--	1,500	2,100	2,100	3,400	ND	350	
10/3/2001	178.13	9.81	0.00	168.32	-2.66	--	--	830	1,900	1,700	3,000	ND<1,000	--	
1/28/2002	178.13	7.39	0.00	170.74	--	--	--	880	2,600	1,800	4,300	3200	210	
4/25/2002	178.13	7.86	0.00	170.27	-0.47	--	--	500	2,000	1,300	3,800	500	260	
7/18/2002	178.13	8.83	0.00	169.30	-0.97	--	--	1,800	3,800	2,200	8,000	ND<250	270	
10/7/2002	178.13	9.71	0.00	168.42	-0.88	--	--	600	2,000	1,800	6,400	ND<120	ND<200	
1/6/2003	178.13	7.40	0.00	170.73	2.31	--	--	800	2,100	2,000	6,400	440	110	
4/7/2003	178.13	8.17	0.00	169.96	-0.77	--	--	660	2,200	1,900	6,300	440	100	
7/7/2003	178.13	8.35	0.00	169.78	-0.18	--	--	1,200	2,500	2,700	8,300	280	100	
10/9/2003	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.
1/14/2004	178.13	6.86	0.00	171.27	2.53	5100	--	120	240	310	720	190	230	
4/28/2004	178.13	6.63	0.00	171.50	0.23	7300	--	250	440	580	1300	740	240	
7/12/2004	178.13	7.41	0.00	170.72	-0.78	5500	--	350	310	120	350	180	100	
MW-4	**(Screen Interval in feet: 5.0-25.0)**													
7/20/1999	179.10	7.40	--	171.70	--	--	--	2.7	0.77	ND	7.1	100	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 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														
9/28/1999	179.10	7.19	0.00	171.91	0.21	--	--	1250	72	51.3	133	416	459	
1/7/2000	179.10	8.98	0.00	170.12	-1.79	--	--	2260	167	271	276	764	--	
3/31/2000	179.10	7.26	0.00	171.84	1.72	--	--	1800	230	330	400	1000	--	
7/14/2000	179.10	7.67	0.00	171.43	-0.41	--	--	2810	332	450	247	1530	--	
10/3/2000	179.10	8.12	0.00	170.98	-0.45	--	--	3,110	437	519	816	1,040	--	
1/3/2001	179.10	9.10	0.00	170.00	-0.98	--	--	2,500	340	480	960	850	--	
4/4/2001	179.10	8.63	0.00	170.47	0.47	--	--	2380	126	416	725	1140	819	
7/17/2001	179.10	6.49	0.00	172.61	2.14	--	--	2,300	110	410	800	1200	900	
10/3/2001	178.96	7.01	0.00	171.95	-0.66	--	--	2,100	85	380	390	580	820	
1/28/2002	178.96	6.21	0.00	172.75	--	--	--	2,100	130	350	670	1100	500	
4/25/2002	178.96	5.49	0.00	173.47	0.72	--	--	1,300	42	270	250	680	600	
7/18/2002	178.96	8.28	0.00	170.68	-2.79	--	--	1,300	71	290	220	530	760	
10/7/2002	178.96	7.49	0.00	171.47	0.79	--	--	1,400	110	330	380	650	540	
1/6/2003	178.96	6.36	0.00	172.60	1.13	--	--	1,100	57	260	320	370	520	
4/7/2003	178.96	6.24	0.00	172.72	0.12	--	--	1,100	55	190	370	550	420	
7/7/2003	178.96	6.43	0.00	172.53	-0.19	--	--	920	28	170	330	480	450	
10/9/2003	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.
1/14/2004	178.96	6.30	0.00	172.66	1.67	530	--	88	4.1	9.9	11	150	180	
4/28/2004	178.96	5.68	0.00	173.28	0.62	1200	--	200	5.3	21	13	490	310	
7/12/2004	178.96	6.48	0.00	172.48	-0.80	3600	--	1000	14	260	72	710	470	
MW-5	**(Screen Interval in feet: DNA)**													
10/3/2001	169.18	2.81	0.00	166.37	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1800	2100	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 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														
1/28/2002	169.18	1.88	0.00	167.30	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	650	550	
4/25/2002	169.18	1.99	0.00	167.19	-0.11	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2200	2400	
7/18/2002	169.18	2.49	0.00	166.69	-0.50	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	530	690	
10/7/2002	169.18	2.80	0.00	166.38	-0.31	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	300	330	
1/6/2003	169.18	1.86	0.00	167.32	0.94	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	410	350	
4/7/2003	169.18	2.15	0.00	167.03	-0.29	--	--	0.53	ND<0.50	ND<0.50	ND<0.50	450	420	
7/7/2003	169.18	2.26	0.00	166.92	-0.11	--	--	ND<1.2	ND<1.2	ND<1.2	ND<1.2	220	200	
10/9/2003	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.
1/14/2004	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	
4/28/2004	169.18	2.01	0.00	167.17	-0.01	760	--	ND<0.3	1.8	ND<0.3	ND<0.6	1200	790	
7/12/2004	169.18	2.56	0.00	166.62	-0.55	96	--	1.8	3.3	0.54	3.6	2.8	ND<0.5	
MW-6	**(Screen Interval in feet: DNA)**													
10/3/2001	169.04	2.87	0.00	166.17	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	270	
1/28/2002	169.04	1.82	0.00	167.22	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/25/2002	169.04	2.01	0.00	167.03	-0.19	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
7/18/2002	169.04	2.44	0.00	166.60	-0.43	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
10/7/2002	169.04	2.72	0.00	166.32	-0.28	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
1/6/2003	169.04	1.90	0.00	167.14	0.82	--	--	0.62	1.2	1.2	3.5	ND<2.0	ND<2.0	
4/7/2003	169.04	2.02	0.00	167.02	-0.12	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	--	
7/7/2003	169.04	2.21	0.00	166.83	-0.19	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
10/9/2003	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.
1/14/2004	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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 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														
4/28/2004	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	
7/12/2004	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	
MW-7		**(Screen Interval in feet: DNA)**												
10/3/2001	171.64	7.62	0.00	164.02	--	--	--	210	ND<50	ND<50	800	35000	40000	
1/28/2002	171.64	7.21	0.00	164.43	--	--	--	ND<10	ND<10	ND<10	ND<10	42000	38000	
4/25/2002	171.64	7.25	0.00	164.39	-0.04	--	--	660	ND<50	ND<50	ND<50	42000	45000	
7/18/2002	171.64	8.12	0.00	163.52	-0.87	--	--	130	ND<50	ND<50	ND<50	51000	53000	
10/7/2002	171.64	7.71	0.00	163.93	0.41	--	--	ND<50	ND<50	ND<50	ND<50	33000	38000	
1/6/2003	171.64	7.63	0.00	164.01	0.08	ND<50	--	0.61	1.0	0.89	2.9	3900	3100	
4/7/2003	171.64	7.58	0.00	164.06	0.05	--	--	ND<20	ND<20	ND<20	ND<20	32000	28000	
7/7/2003	171.64	7.56	0.00	164.08	0.02	--	--	8.2	ND<0.50	1.2	ND<0.50	36000	45000	
10/9/2003	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.
1/14/2004	171.64	6.97	0.00	164.67	0.75	19000	--	ND<100	ND<100	ND<100	ND<100	20000	25000	
4/28/2004	171.64	8.70	0.00	162.94	-1.73	19000	--	ND<3	ND<3	ND<3	ND<6	30000	21000	
7/12/2004	171.64	9.44	0.00	162.20	-0.74	12000	--	28	14	330	200	12000	11000	

Table 3
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	1,4-Dichloro-benzene (µg/l)	EDC (µg/l)	Chloro-benzene (µg/l)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichloro-benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-form (µg/l)	1,1,1-TCA (µg/l)	Bromo-methane (µg/l)
MW-1															
1/7/2000	72700	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	92000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	108000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	96000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	37000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	86900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	79,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2001	99000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	110000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	93000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	69,000	--	--	--	--	5.9	--	--	1.3	--	--	--	--	--	--
10/7/2002	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	74,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	60,000	--	--	--	--	ND<120	--	--	ND<120	--	--	--	--	--	--
10/9/2003	4300	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
1/14/2004	6200	--	--	--	ND<800	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
7/12/2004	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
MW-2															
7/20/1999	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	1390	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	1450	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon Tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-TCA (µg/l)	Bromomethane (µg/l)
MW-2 continued															
1/3/2001	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2001	ND<250	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	ND<250	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	ND<500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	4,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	5,900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	1,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	ND<2,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	ND<3	--	--	--	--	--	--	--	--	--	--
MW-3															
7/20/1999	1000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	1860	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	28400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	26000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	24500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	22000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	14000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	19600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	26000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2001	22000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	30000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	37,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon Tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-TCA (µg/l)	Bromomethane (µg/l)
MW-3 continued															
10/7/2002	26,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	27,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	28,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	33,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	ND<3	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--	--
MW-4															
7/20/1999	69	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	4050	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	7010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	5500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	7940	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	11400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	8600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	9950	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2001	7800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	12000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	3,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	4,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	5,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	5,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	5,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	ND<4.0	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	6.5	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--

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)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon Tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-TCA (µg/l)	Bromomethane (µg/l)
MW-4 continued															
7/12/2004	--	--	--	--	14	--	--	--	--	--	--	--	--	--	--
MW-5															
10/3/2001	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	120	--	--	--	--	ND<0.50	--	--	ND<0.50	--	--	--	--	--	--
4/7/2003	220	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	ND<4.0	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	1.8	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	0.76	--	--	--	--	--	--	--	--	--	--
MW-6															
10/3/2001	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
MW-7															
10/3/2001	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	1,4-Dichloro-benzene (µg/l)	EDC (µg/l)	Chloro-benzene (µg/l)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichloro-benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-form (µg/l)	1,1,1-TCA (µg/l)	Bromo-methane (µg/l)
MW-7 continued															
1/28/2002	ND<1,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	ND<5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	ND<5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	410	--	--	--	--	ND<50	--	--	ND<50	--	--	--	--	--	--
4/7/2003	13,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	990	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	ND<500	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	ND<800	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	6.8	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	5.1	--	--	--	--	--	--	--	--	--	--

Table 3b
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS 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)	BDCM (µg/l)	1,1-DCA (µg/l)	1,I-DCE (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-DCB (µg/l)
MW-1															
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/2004	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
MW-2															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Bromoform (µg/l)	BDCM (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-DCB (µg/l)
MW-2 continued															
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Bromoform (µg/l)	BDCM (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-DCB (µg/l)
MW-3 continued															
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Bromoform (µg/l)	BDCM (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-DCB (µg/l)
MW-4 continued															
7/12/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Bromoform (µg/l)	BDCM (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-DCB (µg/l)
MW-7 continued															
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/9/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3c
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	Naphth-alene (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)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)
MW-1															
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	ND	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--
7/17/2001	--	ND	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	ND<10	--	--	910	ND<10	ND<100	ND<10	ND<10	ND<2,500	--	--	--	--	--
10/7/2002	--	ND<200	--	--	--	ND<200	ND<10,000	ND<200	ND<200	ND<50,000	--	--	--	--	--
1/6/2003	--	ND<400	--	--	--	ND<400	ND<20,000	ND<400	ND<400	ND<100,000	--	--	--	--	--
4/7/2003	--	ND<200	--	--	--	ND<200	ND<10,000	ND<200	ND<200	ND<50,000	--	--	--	--	--
7/7/2003	--	ND<500	--	--	850	ND<500	ND<25,000	ND<500	ND<500	ND<120,000	--	--	--	--	--
10/9/2003	--	ND<400	--	--	--	ND<400	ND<20000	ND<400	ND<400	--	--	--	--	--	--
1/14/2004	--	ND<800	--	--	--	ND<800	ND<40000	ND<800	ND<800	--	--	--	--	--	--
4/28/2004	--	ND<50	--	--	--	ND<1	800	ND<1	ND<1	--	--	--	--	--	--
7/12/2004	ND<10	ND<10	ND<2	ND<2	450	ND<20	1100	ND<20	ND<20	--	ND<2	ND<2	ND<2	ND<2	ND<2
MW-2															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	ND	ND	ND	ND	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	Naphth-alene (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)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)
MW-2 continued															
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	ND	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--
7/17/2001	--	ND	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	ND<100	--	--	--	ND<100	ND<1,000	ND<100	ND<100	ND<25,000	--	--	--	--	--
10/7/2002	--	ND<400	--	--	--	ND<400	ND<20,000	ND<400	ND<400	ND<100,000	--	--	--	--	--
1/6/2003	--	ND<1,000	--	--	--	ND<1,000	ND<50,000	ND<1,000	ND<1,000	ND<250,000	--	--	--	--	--
4/7/2003	--	ND<40	--	--	--	ND<40	ND<2,000	ND<40	ND<40	ND<10,000	--	--	--	--	--
7/7/2003	--	ND<100	--	--	--	ND<100	ND<5,000	ND<100	ND<100	ND<25,000	--	--	--	--	--
10/9/2003	--	ND<200	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--	--	--	--
1/14/2004	--	ND<50	--	--	--	ND<50	ND<2500	ND<50	ND<50	--	--	--	--	--	--
4/28/2004	--	ND<0.5	--	--	--	11	13000	ND<1	ND<1	--	--	--	--	--	--
7/12/2004	--	ND<3	--	--	--	ND<5	110	ND<5	ND<5	--	--	--	--	--	--
MW-3															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	8.8	ND	ND	ND	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	ND	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--
7/17/2001	--	ND	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	ND<5.0	--	--	--	ND<5.0	ND<50	ND<5.0	ND<5.0	ND<1,200	--	--	--	--	--

Date Sampled	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	Naphth-alene (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)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)
MW-3 continued															
10/7/2002	--	ND<200	--	--	--	ND<200	ND<10,000	ND<200	ND<200	ND<50,000	--	--	--	--	--
1/6/2003	--	ND<80	--	--	--	ND<80	ND<4,000	ND<80	ND<80	23000	--	--	--	--	--
4/7/2003	--	ND<80	--	--	--	ND<80	ND<4,000	ND<80	ND<80	ND<20,000	--	--	--	--	--
7/7/2003	--	ND<40	--	--	--	ND<40	ND<2,000	ND<40	ND<40	ND<10,000	--	--	--	--	--
10/9/2003	--	ND<20	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--
1/14/2004	--	ND<20	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--
4/28/2004	--	ND<3	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--	--	--	--
7/12/2004	--	ND<10	--	--	--	ND<20	350	ND<20	ND<20	--	--	--	--	--	--
MW-4															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	ND	ND	ND	ND	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	ND	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--
7/17/2001	--	ND	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	ND<10	--	--	--	ND<10	ND<100	ND<10	ND<10	ND<2,500	--	--	--	--	--
10/7/2002	--	ND<200	--	--	--	ND<200	ND<10,000	ND<200	ND<200	ND<50,000	--	--	--	--	--
1/6/2003	--	ND<20	--	--	--	ND<20	ND<1,000	ND<20	ND<20	ND<5,000	--	--	--	--	--
4/7/2003	--	ND<20	--	--	--	ND<20	ND<1,000	ND<20	ND<20	ND<5,000	--	--	--	--	--
7/7/2003	--	ND<20	--	--	--	ND<20	ND<1,000	ND<20	ND<20	ND<5,000	--	--	--	--	--
10/9/2003	--	ND<4.0	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--	--	--	--
1/14/2004	--	ND<4.0	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--	--	--	--
4/28/2004	--	ND<0.5	--	--	--	ND<1	150	ND<1	ND<1	--	--	--	--	--	--

Date Sampled	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	Naphth-alene (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)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)
MW-4 continued															
7/12/2004	--	ND<3	--	--	--	ND<5	210	ND<5	ND<5	--	--	--	--	--	--
MW-5															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	ND<2.0	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--	--	--	--
10/7/2002	--	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--	--	--	--
1/6/2003	--	ND<2.0	--	--	ND<10	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--	--	--	--
4/7/2003	--	ND<10	--	--	--	ND<10	ND<500	ND<10	ND<10	ND<2,500	--	--	--	--	--
7/7/2003	--	ND<4.0	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	ND<1,000	--	--	--	--	--
10/9/2003	--	ND<4.0	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--	--	--	--
1/14/2004	--	ND<40	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--	--	--	--
4/28/2004	--	ND<0.5	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--	--	--	--
7/12/2004	--	ND<0.5	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--	--	--	--
MW-6															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	ND<2.0	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	--	--	--	--	--
10/7/2002	--	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--	--	--	--
1/6/2003	--	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--	--	--	--
4/7/2003	--	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--	--	--	--
7/7/2003	--	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--	--	--	--
10/9/2003	--	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--
1/14/2004	--	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--
4/28/2004	--	ND<0.5	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--	--	--	--
7/12/2004	--	ND<0.5	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--	--	--	--
MW-7															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	Naphth-alene (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)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)
MW-7 continued															
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	ND<20	--	--	--	ND<20	33,000	ND<20	ND<20	ND<5,000	--	--	--	--	--
10/7/2002	--	ND<400	--	--	--	ND<400	26,000	ND<400	ND<400	ND<100,000	--	--	--	--	--
1/6/2003	--	ND<200	--	--	ND<10	ND<200	ND<10,000	ND<200	ND<200	ND<50,000	--	--	--	--	--
4/7/2003	--	ND<800	--	--	--	ND<800	ND<40,000	ND<800	ND<800	ND<200,000	--	--	--	--	--
7/7/2003	--	ND<400	--	--	--	ND<400	27,000	ND<400	ND<400	ND<100,000	--	--	--	--	--
10/9/2003	--	ND<500	--	--	--	ND<500	ND<25000	ND<500	ND<500	--	--	--	--	--	--
1/14/2004	--	ND<800	--	--	--	ND<800	ND<40000	ND<800	ND<800	--	--	--	--	--	--
4/28/2004	--	ND<0.5	--	--	--	12	9200	ND<1	ND<1	--	--	--	--	--	--
7/12/2004	--	ND<5	--	--	--	ND<10	4600	ND<10	ND<10	--	--	--	--	--	--

Table 3d
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS RESULTS
76 Station 1156

Date Sampled	Fluoranthene (µg/l)	Pyrene (µg/l)	Benzo (a)Anthracene (µg/l)	Chrysene (µg/l)	B(b)Fl (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)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	1,2 DCE (µg/l)
MW-1															
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	120	13	25	ND<1.6
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<400
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200
10/9/2003	--	--	--	--	--	--	--	--	--	--	--	70	ND<5.0	22	ND<120
1/14/2004	--	--	--	--	--	--	--	--	--	--	ND<100000	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	ND<200000	--	--	--	--
7/12/2004	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<3	ND<2	ND<2	ND<1000 ND<20000	ND<5	--	--	--
MW-2															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B(b)Fl (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)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	1,2 DCE (µg/l)
MW-2 continued															
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
7/17/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<400
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1,000
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<40
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100
10/9/2003	--	--	--	--	--	--	--	--	--	--	ND<50000	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	ND<13000	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	ND<4000	--	--	--	--
MW-3															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
7/17/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5.0

Date Sampled	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B(b)Fl (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)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	1,2 DCE (µg/l)
MW-3 continued															
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<80
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<80
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<40
10/9/2003	--	--	--	--	--	--	--	--	--	--	ND<5000	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	ND<5000	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	ND<20000	--	--	--	--
MW-4															
7/20/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
7/17/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	49
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20
10/9/2003	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--

Date Sampled	Fluoranthene (µg/l)	Pyrene (µg/l)	Benzo (a)Anthracene (µg/l)	Chrysene (µg/l)	B(b)Fl (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)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	1,2 DCE (µg/l)
MW-4 continued															
7/12/2004	--	--	--	--	--	--	--	--	--	--	ND<4000	--	--	--	--
MW-5															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	ND<5.0	ND<5.0	ND<5.0	1.4
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<4.0
10/9/2003	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	ND<10000	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	ND<800	--	--	--	--
MW-6															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0
10/9/2003	--	--	--	--	--	--	--	--	--	--	ND<500	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	ND<500	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	ND<800	--	--	--	--
MW-7															
10/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date Sampled	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B(b)Fl (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)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	1,2 DCE (µg/l)
MW-7 continued															
1/28/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20
10/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<400
1/6/2003	--	--	--	--	--	--	--	--	--	--	--	ND<5.0	ND<5.0	ND<5.0	ND<50
4/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<800
7/7/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<400
10/9/2003	--	--	--	--	--	--	--	--	--	--	ND<130000	--	--	--	--
1/14/2004	--	--	--	--	--	--	--	--	--	--	ND<200000	--	--	--	--
4/28/2004	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--	--	--
7/12/2004	--	--	--	--	--	--	--	--	--	--	ND<8000	--	--	--	--

Table 3e
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS RESULTS
76 Station 1156

Date Sampled	2-Methylnaphthalene (µg/l)
MW-1	
1/7/2000	--
3/31/2000	--
7/14/2000	--
10/3/2000	--
1/3/2001	--
4/4/2001	--
7/17/2001	--
10/3/2001	--
1/28/2002	--
4/25/2002	--
7/18/2002	420
10/7/2002	--
1/6/2003	--
4/7/2003	--
7/7/2003	260
10/9/2003	--
1/14/2004	--
4/28/2004	--
7/12/2004	--
MW-2	
7/20/1999	--
9/28/1999	--
1/7/2000	--
3/31/2000	--
7/14/2000	--
10/3/2000	--

Date Sampled	2-Methylnaphthalene (µg/l)
MW-2 continued	
1/3/2001	--
4/4/2001	--
7/17/2001	--
10/3/2001	--
1/28/2002	--
4/25/2002	--
7/18/2002	--
10/7/2002	--
1/6/2003	--
4/7/2003	--
7/7/2003	--
10/9/2003	--
1/14/2004	--
4/28/2004	--
7/12/2004	--
MW-3	
7/20/1999	--
9/28/1999	--
1/7/2000	--
3/31/2000	--
7/14/2000	--
10/3/2000	--
1/3/2001	--
4/4/2001	--
7/17/2001	--
10/3/2001	--
1/28/2002	--
4/25/2002	--
7/18/2002	--

Date Sampled	2-Methylnaphthalene (µg/l)
MW-3 continued	
10/7/2002	--
1/6/2003	--
4/7/2003	--
7/7/2003	--
10/9/2003	--
1/14/2004	--
4/28/2004	--
7/12/2004	--
MW-4	
7/20/1999	--
9/28/1999	--
1/7/2000	--
3/31/2000	--
7/14/2000	--
10/3/2000	--
1/3/2001	--
4/4/2001	--
7/17/2001	--
10/3/2001	--
1/28/2002	--
4/25/2002	--
7/18/2002	--
10/7/2002	--
1/6/2003	--
4/7/2003	--
7/7/2003	--
10/9/2003	--
1/14/2004	--
4/28/2004	--

Date Sampled	2-Methylnaphthalene (µg/l)
MW-4 continued	
7/12/2004	--
MW-5	
10/3/2001	--
1/28/2002	--
4/25/2002	--
7/18/2002	--
10/7/2002	--
1/6/2003	ND<5.0
4/7/2003	--
7/7/2003	--
10/9/2003	--
1/14/2004	--
4/28/2004	--
7/12/2004	--
MW-6	
10/3/2001	--
1/28/2002	--
4/25/2002	--
7/18/2002	--
10/7/2002	--
1/6/2003	--
4/7/2003	--
7/7/2003	--
10/9/2003	--
1/14/2004	--
4/28/2004	--
7/12/2004	--
MW-7	
10/3/2001	--

Date Sampled	2-Methylnaphthalene (µg/l)
MW-7	continued
1/28/2002	--
4/25/2002	--
7/18/2002	--
10/7/2002	--
1/6/2003	ND<5.0
4/7/2003	--
7/7/2003	--
10/9/2003	--
1/14/2004	--
4/28/2004	--
7/12/2004	--