



Denis L. Brown

Shell Oil Products US

April 7, 2005

HSE – Science & Engineering

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

20945 S. Wilmington Ave.

Carson, CA 90810

Tel (707) 865 0251

Fax (707) 865 2542

Email dlbrown@shellopus.com

Re: Groundwater Monitoring Report – First Quarter 2005
Former Shell Service Station
1230 14th Street
Oakland, California
SAP Code: 129403
Incident No. 97088250

APPROVED FOR CLOSURE
APR 12 2005
EQUILON ENTERPRISES LLC

Dear Mr. Chan:

Equilon Enterprises LLC dba Shell Oil Products US (Shell) is providing this cover letter for the attached report as recommended in Appendix A of the "Tri-Regional Board Staff Recommendation For Preliminary Evaluation and Investigation of Underground Tank Sites".

To the best of Shell's knowledge:

- Local Implementing Agency (LIA) guidelines have been implemented.
- The attached reports are accurate.
- Shell agrees with the conclusions and recommendations contained with the report.

Shell plans to send the next quarterly status report by May 15, 2005.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Shell Oil Products US

Denis L. Brown

Sr. Environmental Engineer

April 7, 2005

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

Re: **Groundwater Monitoring Report - First Quarter 2005**
Former Shell Service Station
1230 14th Street
Oakland, California
SAP Code 129403
Incident No. 97088250



Dear Mr. Chan:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) in accordance with the quarterly reporting requirements of 23 CCR 2652d.

HISTORICAL REMEDIATION SUMMARY

Groundwater Extraction (GWE): Cambria began using GWE in MW-5 on June 11, 2002 in an attempt to reduce hydrocarbon concentrations in groundwater in the suspected source area.

Dual-Phase Vacuum Extraction (DVE): Cambria substituted semi-monthly DVE for GWE beginning on September 19, 2002. DVE was discontinued on March 4, 2003. Cambria re-started monthly DVE on November 10, 2003, and continued monthly DVE events until April 28, 2004, when DVE was discontinued.

To date combined GWE and DVE have removed approximately 5.5 pounds of liquid-phase hydrocarbons, and DVE has removed approximately 5.6 pounds of vapor-phase hydrocarbons from the subsurface.

Corrective Action and Verification Sampling: As proposed in the August 26, 2002 *Subsurface Investigation Report and Corrective Action Plan* and subsequent addendums, Cambria directed two phases of hydrogen peroxide injection at the site. Fast-Tek Engineering Support Services (Fast-Tek) of Point Richmond, California conducted in-situ field testing of hydrogen peroxide injection from March 17 through 20, 2003. Rejuvenate Groundbreaking Solutions, Inc. of San Rafael, California conducted a second phase of peroxide injection from September 22 through


Cambria
Environmental
Technology, Inc.

270 Perkins Street
Sonoma, CA 95476
Tel (707) 935-4850
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25, 2003. Cambria directed the advancement of four soil borings (S-18 through S-21) and collected confirmation soil and grab groundwater samples on November 7, 2003. Verification monitoring of groundwater conditions continues.

from Added treatment?

FIRST QUARTER 2005 ACTIVITIES



Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells, measured dissolved oxygen (DO) concentrations, calculated groundwater elevations, and compiled the collected 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, with supporting field notes and laboratory reports, is included as Appendix A.

Remedial Action Report: The hydrogen peroxide injection treatment is complete. Cambria prepared and submitted the *Remediation Verification Sampling and Post-Remediation Monitoring Report* dated March 17, 2005.

ANTICIPATED SECOND QUARTER 2005 ACTIVITIES

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

Remedial Action Report: As noted above, Cambria reviewed the data gathered during and following the September 2003 hydrogen peroxide treatment and determined that further hydrogen peroxide treatment is not warranted for the site. As recommended in the above-referenced remediation report, Cambria will prepare and submit a report updating the site conceptual model and Tier 2 risk-based corrective action risk analysis, based on current data, under separate cover.

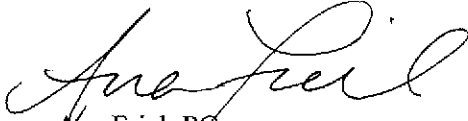
C A M B R I A

CLOSING

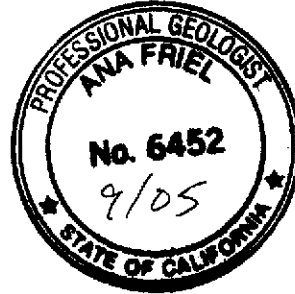
If you have any questions regarding this document, please call Ana Friel at (707) 268-3812.

Sincerely,

Cambria Environmental Technology, Inc



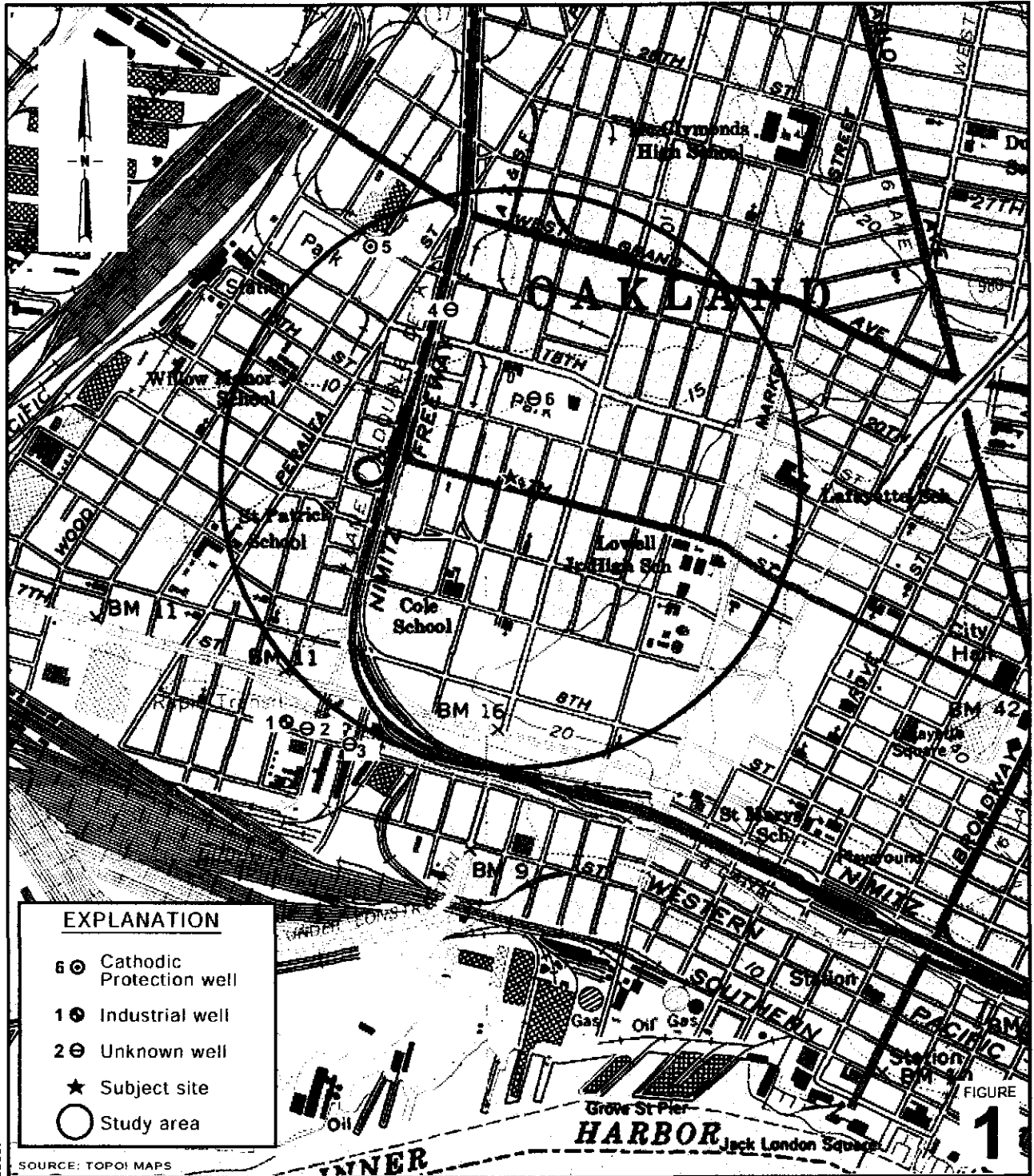
Ana Friel, PG
Senior Project Geologist
PG 6452



Attachments:

- Figure 1. Vicinity/Area Well Survey Map
 - Figure 2. Groundwater Contour/Chemical Concentration Map
- Appendix A. Blaine Tech Services, Inc. – Groundwater Monitoring Report

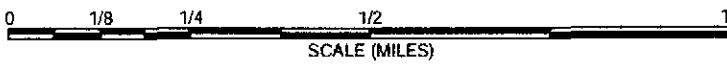
cc: Mr. Denis Brown, Shell
Mr. Tom Saberi, 1045 Airport Boulevard, Suite 12, South San Francisco, CA 94080
Mr. Matthew Dudley, Sedgwick, Detert, Moran, & Arnold, 1 Embarcadero Center,
16th Floor, San Francisco, CA 94111-3628
Ms. Ellen Wyrick-Parkinson, 1420 Magnolia Street, Oakland, CA 94607



EXPLANATION

- 6 ⊙ Cathodic Protection well
- 1 ⊙ Industrial well
- 2 ⊙ Unknown well
- ★ Subject site
- Study area

SOURCE: TOPOI MAPS



Former Shell Service Station
 1230 14th Street
 Oakland, California



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

02231

Appendix A
Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

February 3, 2005

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

First Quarter 2005 Groundwater Monitoring at
Former Shell Service Station
1230 14th Street
Oakland, CA

Monitoring performed on January 4, 2005

Groundwater Monitoring Report **050104-WC-1**

This report covers the routine monitoring of groundwater wells at this Former Shell 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.

SAN JOSE

1680 ROGERS AVENUE

SAN JOSE, CA 95112-1108

SACRAMENTO

(408) 673-0555

LOS ANGELES

FAX (408) 673-7771

LC. 746684

SAN DIEGO

www.blainetech.com

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
Former Shell Service Station
1230 14th Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	03/25/1996	37,000	7,400	1,500	720	3,300	<500	NA	18.58	9.53	9.05	NA
MW-1	06/21/1996	35,000	9,900	460	340	3,500	890	NA	18.58	10.72	7.86	NA
MW-1	09/26/1996	19,000	8,200	510	780	790	<250	NA	18.58	12.88	5.70	NA
MW-1	12/19/1996	27,000	120	1,200	1,400	2,800	<100	NA	18.58	12.59	5.99	NA
MW-1	12/19/1996	32,000	12,000	1,300	1,600	3,100	830	NA	18.58	12.59	5.99	NA
MW-1	03/25/1997	39,000	13,000	1,600	840	3,100	730	NA	18.58	11.10	7.48	1.2
MW-1	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.58	12.42	6.16	NA
MW-1	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.58	13.31	5.27	0.8
MW-1	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.58	12.65	5.93	0.3
MW-1	02/19/1998	16,000	5,500	450	500	800	<500	NA	18.58	6.46	12.12	2.4
MW-1	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.58	6.62	11.96	1.2
MW-1	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.58	11.83	6.75	2.8
MW-1	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.58	12.01	6.57	2.6
MW-1	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.58	9.15	9.43	2.2
MW-1	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.58	11.22	7.36	3.8
MW-1	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.58	11.89	6.69	3.0
MW-1	12/27/1999	34,800	8,660	953	956	2,770	<1,000	NA	18.58	13.55	5.03	2.4/2.1
MW-1	01/21/2000	40,600	14,700	1,850	1,210	3,670	<500	NA	18.58	13.42	5.16	2.8
MW-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.58	8.11	10.47	0.4
MW-1	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.58	9.78	8.80	3.0/3.4
MW-1	04/18/2000	18,300	8,060	543	528	872	<50.0	NA	18.58	NA	NA	NA
MW-1	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.58	13.11	5.47	5.2
MW-1	10/17/2000	15,800	6,720	435	587	887	351	<66.7	18.58	12.61	5.97	1.2/0.8
MW-1	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.58	12.94	5.64	0.3
MW-1	04/27/2001	1,400	650	28	58	48	NA	<10	18.58	10.73	7.85	1.8/2.1
MW-1	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.58	12.00	6.58	1.8
MW-1	12/06/2001	4,500	1,500	85	160	210	NA	<50	18.58	10.53	8.05	2.5/2.9
MW-1	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.58	9.33	9.25	0.1
MW-1	04/17/2002	230	12	<0.50	4.6	2.5	NA	<5.0	18.58	10.49	8.09	6.3/5.3
MW-1	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.58	11.98	6.60	1.2

WELL CONCENTRATIONS
Former Shell Service Station
1230 14th Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	11/11/2002	12,000	2,600	240	470	640	NA	8.5	18.58	13.00	5.58	0.2/0.2
MW-1	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.58	9.68	8.90	4.4
MW-1	03/13/2003	820	340	2.7	<2.0	3.2	NA	<20	18.58	10.45	8.13	2.8/0.9
MW-1	04/23/2003	900	550	19	49	49	NA	<50	18.58	10.32	8.26	0.9/0.1
MW-1	05/13/2003	740	510	18	43	46	NA	<50	18.58	10.28	8.30	0.1/0.2
MW-1	06/13/2003	<5,000	1,500	82	180	250	NA	<500	18.58	11.16	7.42	0.3/0.8
MW-1	07/14/2003	5,300	3,400	160	340	420	NA	<20	18.58	11.66	6.92	0.6/0.3
MW-1	09/29/2003	10,000	5,700	400	670	1,000	NA	<50	18.58	12.44	6.14	0.6/0.7
MW-1	10/29/2003	19,000	6,600	560	820	1,300	NA	26	18.58	12.63	5.95	0.6/0.4
MW-1	01/05/2004	380	140	7.1	6.2	16	NA	<1.0	18.58	10.17	8.41	5.0/0.8
MW-1	04/01/2004	79	0.59	<0.50	<0.50	<1.0	NA	<0.50	18.58	9.57	9.01	4.6/1.2
MW-1	07/02/2004	4,100	2,100	33	110	81	NA	<10	18.58	11.81	6.77	0.6/0.5
MW-1	11/03/2004	8,000	3,800	150	480	460	NA	<25	18.58	12.53	6.05	1.45/2.1
MW-1	01/04/2005	120	23	1.6	2.0	3.5	NA	<0.50	18.58	9.39	9.19	4.21/2.82
MW-2	03/25/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	8.19	9.71	NA
MW-2	06/21/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	9.94	7.96	NA
MW-2	09/26/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	12.15	5.75	NA
MW-2	12/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	17.90	11.70	6.20	NA
MW-2	03/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	9.25	8.65	1.8
MW-2	06/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	11.36	6.54	2.4
MW-2	09/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	12.56	5.34	1.1
MW-2	09/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	12.56	5.34	1.1
MW-2	12/05/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	11.15	6.75	0.7
MW-2	02/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	17.90	5.61	12.29	2.7
MW-2	06/08/1998	<50	<0.30	<0.30	<0.30	<0.60	<10	NA	17.90	5.58	12.32	3.2
MW-2	08/25/1998	NA	NA	NA	NA	NA	NA	NA	17.90	10.67	7.23	1.7
MW-2	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	17.90	11.65	6.25	0.4/0.8
MW-2	03/26/1999	NA	NA	NA	NA	NA	NA	NA	17.90	8.60	9.30	0.7
MW-2	06/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	17.90	10.30	7.60	2.3

WELL CONCENTRATIONS
Former Shell Service Station
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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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	09/30/1999	NA	NA	NA	NA	NA	NA	NA	17.90	10.77	7.13	1.9
MW-2	12/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	17.90	12.21	5.69	0.7/0.7
MW-2	03/07/2000	NA	NA	NA	NA	NA	NA	NA	17.90	7.13	10.77	1.1
MW-2	04/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	17.90	8.35	9.55	1.8/1.8
MW-2	09/21/2000	NA	NA	NA	NA	NA	NA	NA	17.90	11.76	6.14	2.1
MW-2	10/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	17.90	11.80	6.10	0.9/0.6
MW-2	01/09/2001	NA	NA	NA	NA	NA	NA	NA	17.90	12.14	5.76	0.7
MW-2	04/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	17.90	9.85	8.05	1.1/0.9
MW-2	07/03/2001	NA	NA	NA	NA	NA	NA	NA	17.90	11.20	6.70	1.2
MW-2	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	17.90	10.77	7.13	3.9/2.1
MW-2	01/23/2002	NA	NA	NA	NA	NA	NA	NA	17.90	8.64	9.26	2.5
MW-2	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	17.90	9.61	8.29	3.5/5.2
MW-2	07/18/2002	NA	NA	NA	NA	NA	NA	NA	17.90	11.09	6.81	1.4
MW-2	11/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	17.90	12.16	5.74	0.2/0.3
MW-2	01/16/2003	NA	NA	NA	NA	NA	NA	NA	17.90	8.92	8.98	1.7
MW-2	03/13/2003	NA	NA	NA	NA	NA	NA	NA	17.90	9.60	8.30	1.1
MW-2	04/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	17.90	9.48	8.42	0.4/0.2
MW-2	05/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	17.90	9.45	8.45	0.5/0.3
MW-2	06/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	17.90	10.28	7.62	0.6/0.9
MW-2	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	10.67	7.23	0.5/0.9
MW-2	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	11.58	6.32	1.9/1.3
MW-2	10/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	11.76	6.14	4.3/0.5
MW-2	01/05/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	9.36	8.54	1.2/0.8
MW-2	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	8.77	9.13	4.0/0.3
MW-2	07/02/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	17.90	11.04	6.86	0.4/0.3
MW-2	11/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	0.54	17.90	11.71	6.19	6.4/1.40
MW-2	01/04/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	0.62	17.90	8.68	9.22	4.41/2.88
MW-3	03/25/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	8.47	9.71	NA
MW-3	06/21/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	10.40	7.78	NA

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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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-3	09/26/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	12.45	5.73	NA
MW-3	12/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	18.18	12.14	6.02	NA
MW-3	03/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	9.54	8.64	2.2
MW-3	06/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	11.66	6.52	3.6
MW-3	09/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	12.85	5.33	1.1
MW-3	12/05/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	11.44	6.74	0.6
MW-3	02/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.18	6.78	11.40	3.6
MW-3	06/08/1998	<50	<0.30	<0.30	<0.30	<0.60	<10	NA	18.18	6.82	11.36	3.8
MW-3	06/08/1998	<50	<0.30	<0.30	<0.30	<0.60	<10	NA	18.18	6.82	11.36	3.8
MW-3	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.18	11.09	7.09	1.2
MW-3	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	18.18	11.84	6.34	0.9/0.6
MW-3	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.18	8.57	9.61	0.8
MW-3	06/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	18.18	10.61	7.57	4.8
MW-3	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.18	11.53	6.65	1.4
MW-3	12/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	18.18	12.35	5.83	1.4/2.5
MW-3	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.17	7.36	10.81	5.8
MW-3	04/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	19.3	NA	18.17	8.39	9.78	6.5/5.1
MW-3	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.17	12.01	6.16	3.0
MW-3	10/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	18.17	12.10	6.07	2.0/1.0
MW-3	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.17	12.43	5.74	1.9
MW-3	04/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.17	10.10	8.07	2.3/2.4
MW-3	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.17	11.45	6.72	1.4
MW-3	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.17	11.07	7.10	2.8/3.9
MW-3	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.17	8.89	9.28	3.1
MW-3	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.17	9.92	8.25	3.7/3.2
MW-3	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.17	11.42	6.75	1.6
MW-3	11/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.17	12.44	5.73	0.3/0.4
MW-3	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.17	9.25	8.92	2.1
MW-3	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.17	9.84	8.33	1.2
MW-3	04/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.17	9.71	8.46	0.7/0.2

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MW-3	05/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.17	9.70	8.47	0.6/0.2
MW-3	06/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.17	10.58	7.59	0.4/1.3
MW-3	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	10.98	7.19	0.4/0.03
MW-3	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	11.84	6.33	1.4/1.1
MW-3	10/29/2003	58 b	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	12.05	6.12	0.8/0.4
MW-3	01/05/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	9.70	8.47	1.3/0.7
MW-3	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	9.03	9.14	1.2/0.6
MW-3	07/02/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	11.15	7.02	0.7/0.5
MW-3	11/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	11.98	6.19	1.65/2.75
MW-3	01/04/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.17	8.98	9.19	3.21/1.87

MW-4	03/25/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	9.20	8.81	NA
MW-4	06/21/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	10.25	7.76	NA
MW-4	09/26/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	12.29	5.72	NA
MW-4	12/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	18.01	12.47	5.54	NA
MW-4	03/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	9.44	8.57	1.8
MW-4	06/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	11.57	6.44	6.2
MW-4 (D)	06/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	11.57	6.44	6.2
MW-4	09/26/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	12.75	5.26	2.1
MW-4	12/05/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	11.37	6.64	1.0
MW-4 (D)	12/05/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	11.37	6.64	1.0
MW-4	02/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	18.01	5.59	12.42	6.5
MW-4	06/08/1998	<50	<0.30	<0.30	<0.30	<0.60	<10	NA	18.01	5.65	12.36	2.6
MW-4	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.01	10.98	7.03	2.4
MW-4	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	18.01	11.83	6.18	1.3/1.2
MW-4	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.01	8.40	9.61	1.9
MW-4	06/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	18.01	10.53	7.48	7.6
MW-4	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.01	11.03	6.98	2.6
MW-4	12/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	18.01	12.53	5.48	1.9/0.8
MW-4	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.01	7.00	11.01	6.5

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MW-4	04/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	18.01	8.57	9.44	5.1/5.1
MW-4	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.01	12.05	5.96	3.0
MW-4	10/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	18.01	11.96	6.05	5.5/1.2
MW-4	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.01	12.33	5.68	2.1
MW-4	04/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	18.01	9.96	8.05	5.3/3.8
MW-4	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.01	11.35	6.66	4.5
MW-4	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.01	10.99	7.02	10.23/6.5
MW-4	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.01	8.80	9.21	8.8
MW-4	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.01	9.75	8.26	7.0/5.1
MW-4	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.01	11.32	6.69	5.3
MW-4	11/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.01	12.36	5.65	3.6/2.0
MW-4	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.01	10.33	7.68	6.5
MW-4	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.01	10.06	7.95	6.5
MW-4	04/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.01	9.57	8.44	5.1/5.7
MW-4	05/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.01	9.55	8.46	2.0/2.5
MW-4	06/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.01	10.50	7.51	5.0/5.6
MW-4	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	10.86	7.15	3.9/4.2
MW-4	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.74	6.27	1.6/1.4
MW-4	10/29/2003	58 b	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.95	6.06	2.4/1.0
MW-4	01/05/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	10.35	7.66	7.4/7.5
MW-4	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	8.81	9.20	6.0/6.4
MW-4	07/02/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.10	6.91	0.8/0.6
MW-4	11/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	11.85	6.16	1.3/2.84
MW-4	01/04/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.01	9.06	8.95	7.12/6.37
MW-5	12/03/2001	NA	NA	NA	NA	NA	NA	NA	18.47	11.86	6.61	NA
MW-5	12/06/2001	31,000	3,000	2,000	1,100	3,000	NA	<50	18.47	11.40	7.07	3.1/3.2
MW-5	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.47	9.24	9.23	0.9
MW-5	04/17/2002	33,000	3,800	2,400	1,300	4,400	NA	<200	18.47	10.35	8.12	5.3/3.8
MW-5	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.47	11.82	6.65	0.8

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MW-5	11/11/2002	100,000	7,100	12,000	3,000	17,000	NA	5.1	18.47	12.86	5.61	1.2/1.4
MW-5	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.47	9.57	8.90	0.0
MW-5	03/13/2003	33,000	2,800	2,200	980	4,600	NA	<100	18.47	10.30	8.17	0.5/0.3
MW-5	04/07/2003	NA	NA	NA	NA	NA	NA	NA	18.47	10.29	8.18	NA
MW-5	04/23/2003	33,000	2,900	3,100	960	5,800	NA	<250	18.47	10.15	8.32	0.1/0.1
MW-5	05/13/2003	30,000	2,600	1,500	850	4,500	NA	<250	18.47	10.12	8.35	0.4/0.3
MW-5	06/13/2003	33,000	3,400	2,300	1,000	4,400	NA	<500	18.47	11.00	7.47	0.3/0.3
MW-5	07/14/2003	41,000	5,100	3,500	1,400	5,100	NA	<50	18.47	11.39	7.08	0.5/0.5
MW-5	09/29/2003	59,000	6,600	4,200	1,500	6,500	NA	<50	18.47	12.24	6.23	0.6/0.5
MW-5	10/29/2003	45,000	6,800	3,500	1,500	6,400	NA	21	18.47	12.45	6.02	0.5/0.3
MW-5	01/05/2004	26,000	4,900	1,700	1,100	3,300	NA	<50	18.47	9.97	8.50	0.9/1.2
MW-5	04/01/2004	29,000	5,300	2,700	880	2,900	NA	<50	18.47	9.43	9.04	0.3/1.0
MW-5	07/02/2004	19,000	5,300	740	1,100	1,400	NA	<50	18.47	11.62	6.85	0.4/0.5
MW-5	11/03/2004	31,000	7,500	2,300	1,400	4,400	NA	<50	18.47	12.26	6.21	2.5/1.9
MW-5	01/04/2005	18,000	3,500	1,200	730	2,300	NA	<25	18.47	9.13	9.34	0.44/1.64

MW-6	12/03/2001	NA	NA	NA	NA	NA	NA	NA	18.84	12.19	6.65	NA
MW-6	12/06/2001	76	5.7	3.8	1.4	7.0	NA	<5.0	18.84	11.70	7.14	6.3/6.1
MW-6	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.84	9.57	9.27	8.7
MW-6	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	18.84	10.73	8.11	9.8/9.1
MW-6	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.84	12.27	6.57	1.7
MW-6	11/11/2002	580	55	<0.50	<0.50	2.8	NA	<5.0	18.84	13.24	5.60	0.3/0.6
MW-6	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.84	9.89	8.95	6.4
MW-6	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.84	10.66	8.18	5.5
MW-6	04/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.84	10.57	8.27	3.7/4.4
MW-6	05/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.84	10.56	8.28	3.5/3.0
MW-6	06/13/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	18.84	11.48	7.36	2.7/3.1
MW-6	07/14/2003	230 b	3.4	<0.50	<0.50	<1.0	NA	<0.50	18.84	11.83	7.01	1.8/1.3
MW-6	09/29/2003	910 b	46	<2.5	<2.5	<5.0	NA	<2.5	18.84	12.70	6.14	1.1/1.0
MW-6	10/29/2003	830	38	0.53	<0.50	3.3	NA	0.60	18.84	12.91	5.93	1.2/0.9

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MW-6	01/05/2004	93	0.92	<0.50	<0.50	<1.0	NA	<0.50	18.84	10.35	8.49	6.2/4.3
MW-6	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.84	9.80	9.04	3.5/3.4
MW-6	07/02/2004	370	3.0	<0.50	<0.50	<1.0	NA	<0.50	18.84	12.09	6.75	0.6/1.0
MW-6	11/03/2004	540	22	0.73	<0.50	1.5	NA	0.82	18.84	12.84	6.00	2.28/0.84
MW-6	01/04/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	18.84	9.55	9.29	6.71/5.16
MW-7	12/03/2001	NA	NA	NA	NA	NA	NA	NA	19.20	12.66	6.54	NA
MW-7	12/06/2001	1,800	390	<2.0	6.2	<2.0	NA	<20	19.20	12.20	7.00	3.9/3.8
MW-7	01/23/2002	NA	NA	NA	NA	NA	NA	NA	19.20	10.00	9.20	9.4
MW-7	04/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	19.20	11.21	7.99	8.8/7.3
MW-7	07/18/2002	NA	NA	NA	NA	NA	NA	NA	19.20	12.69	6.51	0.8
MW-7	11/11/2002	3,000	190	<0.50	<0.50	4.3	NA	5.2	19.20	13.69	5.51	0.4/0.8
MW-7	01/16/2003	NA	NA	NA	NA	NA	NA	NA	19.20	10.36	8.84	7.9
MW-7	03/13/2003	NA	NA	NA	NA	NA	NA	NA	19.20	11.16	8.04	5.2
MW-7	04/23/2003	250	48	<0.50	<0.50	<1.0	NA	<5.0	19.20	11.02	8.18	3.2/1.3
MW-7	05/13/2003	1,700	550	<2.5	<2.5	<5.0	NA	<25	19.20	11.00	8.20	2.0/1.5
MW-7	06/13/2003	1,500 b	470	<2.5	<2.5	<5.0	NA	<25	19.20	11.90	7.30	1.8/1.6
MW-7	07/14/2003	1300 b	1,200	<10	<10	<20	NA	<10	19.20	12.29	6.91	0.4/0.2
MW-7	09/29/2003	5,200	1,200	<10	<10	<20	NA	<10	19.20	13.12	6.08	0.9/0.9
MW-7	10/29/2003	4,800	1,100	<5.0	<5.0	<10	NA	8.9	19.20	13.34	5.86	0.4/0.3
MW-7	01/05/2004	53	6.7	<0.50	<0.50	<1.0	NA	<0.50	19.20	10.85	8.35	1.4/2.3
MW-7	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	19.20	10.28	8.92	5.5/6.2
MW-7	07/02/2004	8,100 d	3,400	<25	<25	<50	NA	<25	19.20	12.48	6.72	0.8/0.8
MW-7	11/03/2004	3,700	1,200	<5.0	<5.0	<10	NA	<5.0	19.20	13.25	5.95	1.9/0.8
MW-7	01/04/2005	<50	2.0	<0.50	<0.50	<1.0	NA	<0.50	19.20	10.02	9.18	6.31/5.71
VW/MW-2	03/25/1996	13,000	900	920	180	1,500	<250	NA	18.30	9.04	9.26	NA
VW/MW-2	06/21/1996	27,000	4,100	1,100	1,400	3,200	700	NA	18.30	10.48	7.82	NA
VW/MW-2	09/26/1996	27,000	5,300	1,900	980	2,200	<500	NA	18.30	12.52	5.78	NA
VW/MW-2 (D)	09/26/1996	29,000	5,800	2,200	1,100	2,500	<250	NA	18.30	12.52	5.78	NA

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VW/MW-2	12/19/1996	50,000	6,200	5,100	1,700	5,600	590	NA	18.30	12.42	5.88	NA
VW/MW-2	03/25/1997	210	5.6	<0.50	0.52	<0.50	14	NA	18.30	9.83	8.47	2.0
VW/MW-2	03/25/1997	250	1.7	0.58	0.51	<0.50	4.7	NA	18.30	9.83	8.47	2.0
VW/MW-2 (D)	03/25/1997	250	1.7	0.58	0.51	<0.50	4.7	NA	18.30	12.43	5.87	NA
VW/MW-2	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.30	12.98	5.32	0.9
VW/MW-2	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.30	12.20	6.10	0.4
VW/MW-2	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.30	5.83	12.47	3.6
VW/MW-2	02/19/1998	<50	1.5	<0.50	<0.50	0.71	<2.5	NA	18.30	5.80	12.50	1.0
VW/MW-2	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.30	11.72	6.58	4.8
VW/MW-2	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.30	11.69	6.61	2.7
VW/MW-2	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.30	8.75	9.55	2.8
VW/MW-2	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.30	10.72	7.58	4.7
VW/MW-2	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.30	12.24	6.06	4.9
VW/MW-2	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.30	13.92	4.38	2.1/1.9
VW/MW-2	12/27/1999	13,500	1,330	1,310	490	1,400	<250	NA	18.30	13.26	5.04	2.8
VW/MW-2	01/21/2000	12,100	2,200	1,080	429	1,120	<250	NA	18.30	13.26	5.04	2.8
VW/MW-2	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.28	7.87	10.41	3.7
VW/MW-2	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.28	9.65	8.63	3.7/4.1
VW/MW-2	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.28	NA	NA	NA
VW/MW-2	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	18.28	12.75	5.53	6.2
VW/MW-2	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.28	12.21	6.07	0.8/0.7
VW/MW-2	10/17/2000	4,070	763	589	214	501	<50.0	NA	18.28	12.51	5.77	0.7
VW/MW-2	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.28	10.21	8.07	2.3/2.8
VW/MW-2	04/27/2001	80	5.7	<0.50	2.7	4.9	NA	<0.50	18.28	11.60	6.68	0.6
VW/MW-2	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.28	11.15	7.13	3.7/2.3
VW/MW-2	12/06/2001	160	1.7	1.0	1.8	4.6	NA	<5.0	18.28	9.07	9.21	0.5
VW/MW-2	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.28	10.11	8.17	4.9/4.4
VW/MW-2	04/17/2002	<50	2.1	<0.50	<0.50	<0.50	NA	NA	18.28	11.61	6.67	0.9
VW/MW-2	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.28	12.63	5.65	0.2/0.2
VW/MW-2	11/11/2002	15,000	1,300	1,300	680	1,800	NA	<5.0	18.28	9.35	8.93	0.4
VW/MW-2	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.28	10.09	8.19	0.8
VW/MW-2	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.28	10.09	8.19	0.8

WELL CONCENTRATIONS
Former Shell Service Station
1230 14th Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
VW/AS-1	03/25/1996	NA	NA	NA	NA	NA	NA	NA	18.60	8.98	9.62	NA
VW/AS-1	06/21/1996	NA	NA	NA	NA	NA	NA	NA	18.60	10.95	7.65	NA
VW/AS-1	09/26/1996	NA	NA	NA	NA	NA	NA	NA	18.60	12.98	5.62	NA
VW/AS-1	12/19/1996	NA	NA	NA	NA	NA	NA	NA	18.60	12.67	5.93	NA
VW/AS-1	03/25/1997	NA	NA	NA	NA	NA	NA	NA	18.60	10.12	8.48	NA
VW/AS-1	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.60	12.34	6.26	NA
VW/AS-1	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.60	13.40	5.20	NA
VW/AS-1	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.60	11.96	6.64	5.2
VW/AS-1	02/19/1998	NA	NA	NA	NA	NA	NA	NA	18.60	6.22	12.38	1.3
VW/AS-1	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.60	6.20	12.40	1.0
VW/AS-1	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.60	11.59	7.01	1.6
VW/AS-1	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.60	11.74	6.86	1.3
VW/AS-1	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.60	9.20	9.40	1.3
VW/AS-1	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.60	11.08	7.52	2.1
VW/AS-1	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.60	11.94	6.66	1.9
VW/AS-1	12/27/1999	8,940	2,000	95.7	1,200	570	606	NA	18.60	11.01	7.59	1.6/1.8
VW/AS-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.59	7.35	11.24	NA
VW/AS-1	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.59	9.08	9.51	1.9/2.0
VW/AS-1	04/18/2000	20,800	6,550	1,220	2,270	1,720	<250	NA	18.59	NA	NA	NA
VW/AS-1	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.59	11.98	6.61	2.1
VW/AS-1	10/17/2000	38,400	7,240	5,980	1,960	5,730	534	72.4	18.59	12.62	5.97	2.5/1.0
VW/AS-1	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.59	13.03	5.56	1.9
VW/AS-1	04/27/2001	34,000	8,000	2,100	2,500	2,000	NA	<25	18.59	10.71	7.88	2.9/2.1
VW/AS-1	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.59	12.03	6.56	2.0
VW/AS-1	12/06/2001	6,000	990	35	820	59	NA	<25	18.59	11.63	6.96	1.2/0.8
VW/AS-1	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.59	9.34	9.25	0.9
VW/AS-1	04/17/2002	12,000	2,900	57	1,400	98	NA	<200	18.59	10.41	8.18	3.3/2.9
VW/AS-1	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.59	12.13	6.46	0.3
VW/AS-1	11/11/2002	2,200	340	7.3	250	24	NA	<20	18.59	13.15	5.44	1.2/1.3
VW/AS-1	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.59	9.73	8.86	2.3

WELL CONCENTRATIONS
Former Shell Service Station
1230 14th Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
VW/AS-1	03/13/2003	11,000	2,500	55	1,800	170	NA	<100	18.59	10.45	8.14	2.1/1.9
VW/AS-1	04/07/2003	NA	NA	NA	NA	NA	NA	NA	18.59	10.40	8.19	NA
VW/AS-1	04/23/2003	9,500	4,100	200	1,400	200	NA	<250	18.59	10.28	8.31	1.2/0.4
VW/AS-1	05/13/2003	9,700	2,300	110	1,100	140	NA	<250	18.59	10.26	8.33	0.5/2.0
VW/AS-1	06/13/2003	9,300	2,300	77	820	<100	NA	<500	18.59	11.15	7.44	1.0/0.5
VW/AS-1	07/15/2003	5,500	2,000	230	620	360	NA	20	18.59	11.62	6.97	1.8/1.9
VW/AS-1	09/29/2003	9,600	2,300	100	1,200	670	NA	<20	18.59	12.48	6.11	2.3/3.6
VW/AS-1	10/29/2003	10,000	2,000	39	1,000	370	NA	16	18.59	12.73	5.86	3.3/3.6
VW/AS-1	01/05/2004	2,000	710	18	410	18	NA	13	18.59	10.25	8.34	3.0/2.8
VW/AS-1	04/01/2004	27,000	9,100	1,200	2,200	1,400	NA	<50	18.52 c	9.60	8.92	1.0/1.4
VW/AS-1	07/02/2004	18,000	6,500	170	1,200	1,200	NA	<50	18.52	11.80	6.72	3.2/0.8
VW/AS-1	11/03/2004	4,500	1,700	23	280	55	NA	9.8	18.52	12.56	5.96	1.7/1.9
VW/AS-1	01/04/2005	7,500	2,500	74	540	110	NA	<13	18.52	9.50	9.02	1.19/0.53

VW/AS-3	03/25/1996	NA	NA	NA	NA	NA	NA	NA	18.17	8.50	9.67	NA
VW/AS-3	06/21/1996	NA	NA	NA	NA	NA	NA	NA	18.17	10.42	7.75	NA
VW/AS-3	09/26/1996	NA	NA	NA	NA	NA	NA	NA	18.17	12.49	5.68	NA
VW/AS-3	12/19/1996	NA	NA	NA	NA	NA	NA	NA	18.17	12.28	5.89	NA
VW/AS-3	03/25/1997	NA	NA	NA	NA	NA	NA	NA	18.17	9.61	8.56	NA
VW/AS-3	06/26/1997	NA	NA	NA	NA	NA	NA	NA	18.17	11.80	6.37	NA
VW/AS-3	09/26/1997	NA	NA	NA	NA	NA	NA	NA	18.17	12.89	5.28	NA
VW/AS-3	12/05/1997	NA	NA	NA	NA	NA	NA	NA	18.17	11.38	6.79	1.8
VW/AS-3	02/19/1998	NA	NA	NA	NA	NA	NA	NA	18.17	6.24	11.93	1.3
VW/AS-3	06/08/1998	NA	NA	NA	NA	NA	NA	NA	18.17	6.25	11.92	1.2
VW/AS-3	08/25/1998	NA	NA	NA	NA	NA	NA	NA	18.17	11.43	6.74	1.3
VW/AS-3	12/28/1998	NA	NA	NA	NA	NA	NA	NA	18.17	11.63	6.54	1.7
VW/AS-3	03/26/1999	NA	NA	NA	NA	NA	NA	NA	18.17	8.92	9.25	1.5
VW/AS-3	06/30/1999	NA	NA	NA	NA	NA	NA	NA	18.17	10.71	7.46	2.5
VW/AS-3	09/30/1999	NA	NA	NA	NA	NA	NA	NA	18.17	11.78	6.39	1.5

WELL CONCENTRATIONS
Former Shell Service Station
1230 14th Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
VWIAS-3	12/27/1999	488	47.9	2.60	16.9	8.50	35.4	NA	18.17	12.57	5.60	1.5/2.1
VWIAS-3	03/07/2000	NA	NA	NA	NA	NA	NA	NA	18.14	4.82	13.32	NA
VWIAS-3	04/17/2000	NA	NA	NA	NA	NA	NA	NA	18.14	8.69	9.45	2.0/2.4
VWIAS-3	04/18/2000	3,110	871	<5.00	141	56.8	78.2	NA	18.14	NA	NA	NA
VWIAS-3	09/21/2000	NA	NA	NA	NA	NA	NA	NA	18.14	11.65	6.49	2.5
VWIAS-3	10/17/2000	7,730	2,700	<50.0	542	344	<250	42.1	18.14	12.13	6.01	1.6/1.0
VWIAS-3	01/09/2001	NA	NA	NA	NA	NA	NA	NA	18.14	12.51	5.63	2.2
VWIAS-3	04/27/2001	14,000	3,900	62	690	560	NA	46	18.14	10.20	7.94	2.8/1.6
VWIAS-3	07/03/2001	NA	NA	NA	NA	NA	NA	NA	18.14	11.55	6.59	2.6
VWIAS-3	12/08/2001	5,000	1,200	19	380	320	NA	<50	18.14	11.10	7.04	0.9/1.1
VWIAS-3	01/23/2002	NA	NA	NA	NA	NA	NA	NA	18.14	8.93	9.21	1.1
VWIAS-3	04/17/2002	17,000	5,000	<25	1,100	390	NA	<250	18.14	10.00	8.14	3.2/3.2
VWIAS-3	07/18/2002	NA	NA	NA	NA	NA	NA	NA	18.14	11.49	6.65	0.4
VWIAS-3	11/11/2002	1,700	290	1.5	150	2.8	NA	<10	18.14	12.43	5.71	1.0/1.1
VWIAS-3	01/16/2003	NA	NA	NA	NA	NA	NA	NA	18.14	9.32	8.82	4.7
VWIAS-3	03/13/2003	NA	NA	NA	NA	NA	NA	NA	18.14	9.88	8.26	2.7
VWIAS-3	04/23/2003	150	47	0.67	8.5	3.2	NA	<5.0	18.14	9.85	8.29	2.1/0.7
VWIAS-3	05/13/2003	440	35	<0.50	1.7	<1.0	NA	<5.0	18.14	9.81	8.33	1.4/1.8
VWIAS-3	06/13/2003	580	71	<2.5	40	<5.0	NA	<25	18.14	10.77	7.37	1.1/0.6
VWIAS-3	07/14/2003	1,100	120	4.9	63	9.3	NA	16	18.14	11.12	7.02	2.0/2.2
VWIAS-3	09/29/2003	160	54	2.2	6.9	8.7	NA	1.1	18.14	12.02	6.12	4.1/1.6
VWIAS-3	10/29/2003	350	16	<0.50	1.1	<1.0	NA	6.3	18.14	12.25	5.89	3.2/1.6
VWIAS-3	01/05/2004	2,700	870	39	130	250	NA	5.5	18.14	9.74	8.40	3.6/2.8
VWIAS-3	04/01/2004	1,300	240	4.1	36	45	NA	12	18.14	9.06	9.08	1.1/1.0
VWIAS-3	07/02/2004	610	59	<1.0	3.6	<2.0	NA	10	18.14	11.29	6.85	2.0/2.2
VWIAS-3	11/03/2004	200	<0.50	<0.50	<0.50	<1.0	NA	10	18.14	12.02	6.12	2.1/2.3
VWIAS-3	01/04/2005	2,500	730	42	36	190	NA	<10	18.14	8.99	9.15	1.72/1.36

**WELL CONCENTRATIONS
Former Shell Service Station
1230 14th Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to April 27, 2001, analyzed by EPA Method 8015.

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 27, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

TOC = Top of Casing Elevation

GW = Groundwater

DO = Dissolved Oxygen

NA = Not applicable

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

n/n = Pre-purge/Post-purge DO Readings

Notes:

a = Sample was analyzed outside of the EPA recommended holding time.

b = Hydrocarbon reported does not match the pattern of the laboratory's standard.

c = Top of casing change due to maintenance.

d = Sample contains discrete peak in addition to gasoline.

Site surveyed November 1, 2001 by Virgil Chavez Land Surveying of Vallejo, CA.

Blaine Tech Services, Inc.

January 19, 2005

1680 Rogers Avenue
San Jose, CA 95112-1105
Attn.: Leon Gearhart
Project#: 050104-WC1
Project: 97088250
Site: 1230 14th Street, Oakland

Dear Mr. Gearhart,

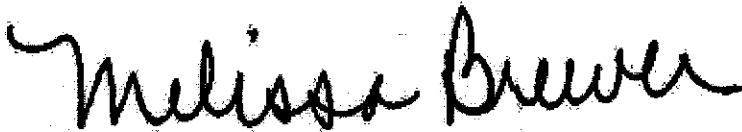
Attached is our report for your samples received on 01/05/2005 12:00
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
02/19/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

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

Sincerely,



Melissa Brewer
Project Manager

Gas/BTEX/MTBE 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: 050104-WC1

97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab
MW-1	01/04/2005 12:33	Water	1
MW-2	01/04/2005 10:34	Water	2
MW-3	01/04/2005 09:41	Water	3
MW-4	01/04/2005 10:05	Water	4
MW-5	01/04/2005 14:16	Water	5
MW-6	01/04/2005 14:00	Water	6
MW-7	01/04/2005 12:09	Water	7
VW/MW-2	01/04/2005 13:05	Water	8
VW/MW-4	01/04/2005 15:00	Water	9
VW/AS-1	01/04/2005 13:27	Water	10
VW/AS-3	01/04/2005 11:08	Water	11

Gas/BTEX/MTBE 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: 050104-WC1
97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-1	Lab ID:	2005-01-0116
Sampled:	01/04/2005 12:33	Extracted:	01/10/2005 10:35
Matrix:	Water	QC Batch#:	2005/01/10/1365

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	120	50	ug/L	1.00	01/10/2005 10:35	
Benzene	23	0.50	ug/L	1.00	01/10/2005 10:35	
Toluene	1.6	0.50	ug/L	1.00	01/10/2005 10:35	
Ethylbenzene	2.0	0.50	ug/L	1.00	01/10/2005 10:35	
Total xylenes	3.5	1.0	ug/L	1.00	01/10/2005 10:35	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/10/2005 10:35	
Surrogate(s)						
1,2-Dichloroethane-d4	117.4	73-130	%	1.00	01/10/2005 10:35	
Toluene-d8	96.1	81-114	%	1.00	01/10/2005 10:35	

Gas/BTEX/MTBE 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: 050104-WC1

97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-2	Lab ID:	2005-01-0116-2
Sampled:	01/04/2005 10:30	Extracted:	1/8/2005 00:03
Matrix:	Water	QC Batch:	2005/01/07-02:68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/08/2005 00:03	
Benzene	ND	0.50	ug/L	1.00	01/08/2005 00:03	
Toluene	ND	0.50	ug/L	1.00	01/08/2005 00:03	
Ethylbenzene	ND	0.50	ug/L	1.00	01/08/2005 00:03	
Total xylenes	ND	1.0	ug/L	1.00	01/08/2005 00:03	
Methyl tert-butyl ether (MTBE)	0.62	0.50	ug/L	1.00	01/08/2005 00:03	
Surrogate(s)						
1,2-Dichloroethane-d4	95.1	73-130	%	1.00	01/08/2005 00:03	
Toluene-d8	94.5	81-114	%	1.00	01/08/2005 00:03	

Gas/BTEX/MTBE 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: 050104-WC1
97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Rep(s):	5030B	Test(s):	8260B
Sample ID:	MW3	Lab ID:	2005010116-3
Sampled:	01/04/2005 08:41	Extracted:	1/8/2005 00:20
Matrix:	Water	QC Batch#:	2005/01/07/02-68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/08/2005 00:20	
Benzene	ND	0.50	ug/L	1.00	01/08/2005 00:20	
Toluene	ND	0.50	ug/L	1.00	01/08/2005 00:20	
Ethylbenzene	ND	0.50	ug/L	1.00	01/08/2005 00:20	
Total xylenes	ND	1.0	ug/L	1.00	01/08/2005 00:20	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/08/2005 00:20	
Surrogate(s)						
1,2-Dichloroethane-d4	100.0	73-130	%	1.00	01/08/2005 00:20	
Toluene-d8	92.3	81-114	%	1.00	01/08/2005 00:20	

Gas/BTEX/MTBE 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: 050104-WC1

97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Prep(s)	8030B	Test(s)	8260B
Sample ID	MW-4	Lab ID	2005-01-0116-4
Sampled	01/04/2005 10:05	Extracted	1/3/2005 00:37
Matrix	Water	LOG Path	2005010708250

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/08/2005 00:37	
Benzene	ND	0.50	ug/L	1.00	01/08/2005 00:37	
Toluene	ND	0.50	ug/L	1.00	01/08/2005 00:37	
Ethylbenzene	ND	0.50	ug/L	1.00	01/08/2005 00:37	
Total xylenes	ND	1.0	ug/L	1.00	01/08/2005 00:37	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/08/2005 00:37	
Surrogate(s)						
1,2-Dichloroethane-d4	100.0	73-130	%	1.00	01/08/2005 00:37	
Toluene-d8	92.8	81-114	%	1.00	01/08/2005 00:37	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Project: 050104-WC1

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Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-5	Lab ID: 2005-01-0116-25
Sampled: 01/04/2005 10:15	Extracted: 01/10/2005 11:32
Matrix: Water	QC Batch#: 20050110-10-62
Analysis Flag: 12 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	18000	2500	ug/L	50.00	01/10/2005 11:32	
Benzene	3500	25	ug/L	50.00	01/10/2005 11:32	
Toluene	1200	25	ug/L	50.00	01/10/2005 11:32	
Ethylbenzene	730	25	ug/L	50.00	01/10/2005 11:32	
Total xylenes	2300	50	ug/L	50.00	01/10/2005 11:32	
Methyl tert-butyl ether (MTBE)	ND	25	ug/L	50.00	01/10/2005 11:32	
Surrogate(s)						
1,2-Dichloroethane-d4	95.2	73-130	%	50.00	01/10/2005 11:32	
Toluene-d8	90.5	81-114	%	50.00	01/10/2005 11:32	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Project: 050104-WC1

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Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Prep(s): 50/10B	MS(s): 8260B
Sample ID: MW-6	Lab ID: 2005-01-0116
Sampled: 01/04/2005 14:00	Extracted: 01/08/2005 01:12
Matrix: Water	QC Batch#: 2005/01/07-02-68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/08/2005 01:12	
Benzene	ND	0.50	ug/L	1.00	01/08/2005 01:12	
Toluene	ND	0.50	ug/L	1.00	01/08/2005 01:12	
Ethylbenzene	ND	0.50	ug/L	1.00	01/08/2005 01:12	
Total xylenes	ND	1.0	ug/L	1.00	01/08/2005 01:12	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/08/2005 01:12	
Surrogate(s)						
1,2-Dichloroethane-d4	97.8	73-130	%	1.00	01/08/2005 01:12	
Toluene-d8	92.4	81-114	%	1.00	01/08/2005 01:12	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Project: 050104-WC1
97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Prep(s):	8260B	Test(s):	8260B
Sample ID:	MW-7	Lab ID:	2005/01/10-16-7
Sampled:	01/04/2005 12:09	Extracted:	1/10/2005 11:43
Matrix:	Water	GC Batch#:	2005/01/10-1A68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/10/2005 11:43	
Benzene	2.0	0.50	ug/L	1.00	01/10/2005 11:43	
Toluene	ND	0.50	ug/L	1.00	01/10/2005 11:43	
Ethylbenzene	ND	0.50	ug/L	1.00	01/10/2005 11:43	
Total xylenes	ND	1.0	ug/L	1.00	01/10/2005 11:43	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/10/2005 11:43	
Surrogate(s)						
1,2-Dichloroethane-d4	92.8	73-130	%	1.00	01/10/2005 11:43	
Toluene-d8	92.5	81-114	%	1.00	01/10/2005 11:43	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

01/17/2005 15:39

Page 8 of 25

Gas/BTEX/MTBE by 8260B (C6-C12)

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97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Prep(s): 5030B Test(s): 8260B
 Sample ID: VW/AS-1 Lab ID: 2005-01-0116-10
 Sampled: 01/04/2005 13:27 Extracted: 01/10/2005 13:44
 Matrix: Water QG Batch#: 2005/01/10-1A 68
 Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	7500	1300	ug/L	25.00	01/10/2005 13:44	
Benzene	2500	13	ug/L	25.00	01/10/2005 13:44	
Toluene	74	13	ug/L	25.00	01/10/2005 13:44	
Ethylbenzene	540	13	ug/L	25.00	01/10/2005 13:44	
Total xylenes	110	25	ug/L	25.00	01/10/2005 13:44	
Methyl tert-butyl ether (MTBE)	ND	13	ug/L	25.00	01/10/2005 13:44	
Surrogate(s)						
1,2-Dichloroethane-d4	103.4	73-130	%	25.00	01/10/2005 13:44	
Toluene-d8	94.1	81-114	%	25.00	01/10/2005 13:44	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Project: 050104-WC1
97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Prep(s): 4030B
Sample ID: VWIAS-3
Sampled: 01/04/2005 11:08
Matrix: Water
Analysis Flag: L2 (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2005-01-0116
Extraction: 01/10/2005 15:31
GC Batch#: 2005/01/10-1B-65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	2500	1000	ug/L	20.00	01/10/2005 15:31	
Benzene	730	10	ug/L	20.00	01/10/2005 15:31	
Toluene	42	10	ug/L	20.00	01/10/2005 15:31	
Ethylbenzene	36	10	ug/L	20.00	01/10/2005 15:31	
Total xylenes	190	20	ug/L	20.00	01/10/2005 15:31	
Methyl tert-butyl ether (MTBE)	ND	10	ug/L	20.00	01/10/2005 15:31	
Surrogate(s)						
1,2-Dichloroethane-d4	115.8	73-130	%	20.00	01/10/2005 15:31	
Toluene-d8	97.5	81-114	%	20.00	01/10/2005 15:31	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 050104-WC1
97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s): 5030B	Water	Test(s): 8260B	
Method: Blank		QC Batch #: 2005/01/10-1B-65	
MB: 2005/01/10-1B-65-033		Date Extracted: 01/10/2005 07:33	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	01/10/2005 07:33	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/10/2005 07:33	
Benzene	ND	0.5	ug/L	01/10/2005 07:33	
Toluene	ND	0.5	ug/L	01/10/2005 07:33	
Ethylbenzene	ND	0.5	ug/L	01/10/2005 07:33	
Total xylenes	ND	1.0	ug/L	01/10/2005 07:33	
Surrogates(s)					
1,2-Dichloroethane-d4	107.2	73-130	%	01/10/2005 07:33	
Toluene-d8	98.2	81-114	%	01/10/2005 07:33	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s): 85030B			Test(s): 8260B
Method: Blank	Water		QC Batch # 2005/01/10-1C-62
MB: 2005/01/10-10-62-031			Date Extracted: 01/10/2005 07:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	01/10/2005 07:31	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/10/2005 07:31	
Benzene	ND	0.5	ug/L	01/10/2005 07:31	
Toluene	ND	0.5	ug/L	01/10/2005 07:31	
Ethylbenzene	ND	0.5	ug/L	01/10/2005 07:31	
Total xylenes	ND	1.0	ug/L	01/10/2005 07:31	
Surrogates(s)					
1,2-Dichloroethane-d4	95.6	73-130	%	01/10/2005 07:31	
Toluene-d8	92.2	81-114	%	01/10/2005 07:31	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 050104-WC1

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Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s): 6030B			Test(s): 8260B
Laboratory Control Spike	Water		QC Batch #: 2005/01/07-02.68
LCS: 2005/01/07-02.68-036	Established: 01/07/2005		Analyzed: 01/07/2005 18:38
LCSD:			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	22.4		25.0	89.6			69-129	20		
Toluene	23.5		25.0	94.0			70-130	20		
Methyl tert-butyl ether (MTBE)	20.0		25.0	80.0			65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	376		500	75.2			73-130			
Toluene-d8	474		500	94.8			81-114			

Gas/BTEX/MTBE by 8260B (C6-C12)

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Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s): 5030B			Test(s): 8260B
Laboratory Control Spike	Water		QC Batch #: 2005/01/10-1A-68
LCS: 2005/01/10-1A-68-0511	Extracted: 01/10/2005		Analyzed: 01/10/2005 06:51
LCSD:			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	21.9		25	87.6			65-165	20		
Benzene	23.4		25	93.6			69-129	20		
Toluene	23.4		25	93.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	392		500	78.4			73-130			
Toluene-d8	480		500	96.0			81-114			

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Batch ID Report			
Prep(s): 60398	Water		Batch #: 8260B
Laboratory Control Spike	Water		QC Batch # 2005/01/10-1B-65
LCS: 2005/01/10-1B-65-007	Extracted: 01/10/2005	Analyzed: 01/10/2005 07:07	
LCSD:			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.6		25	102.4			65-165	20		
Benzene	27.3		25	109.2			69-129	20		
Toluene	26.6		25	106.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	468		500	93.6			73-130			
Toluene-d8	481		500	96.2			81-114			

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s): 5030B			Test(s): 8260B
Laboratory Control Spike	Water		QC Batch #: 2005011001C.62
LCS: 20050110-1C.62-010	Extracted: 01/10/2005		Analyzed: 01/10/2005 07:10
LCSD:			

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	26.3		25	105.2			65-165	20		
Benzene	23.4		25	93.6			69-129	20		
Toluene	24.5		25	98.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	468		500	93.6			73-130			
Toluene-d8	451		500	90.2			81-114			

Severn Trent Laboratories, Inc.

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01/17/2005 15:39

Gas/BTEX/MTBE by 8260B (C6-C12)

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97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s): 5830B			Test(s): 8260B
Matrix Spike (MS/MSD)	Water		QC Batch #: 2005/01/07-02.68
MS/MSD			Lab ID: 2005/01/07/04-004
MS: 2005/01/07/02.68-043	Extracted: 01/07/2005		Analyzed: 01/07/2005 19:43
MSD: 2005/01/07/02.68-044	Extracted: 01/07/2005		Dilution: 100
			Analyzed: 01/07/2005 20:00
			Dilution: 100

Compound	Conc. ug/L		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS
Benzene	24.2	21.7	ND	25.0	96.8	86.8	10.9	69-129	20		
Toluene	24.4	21.5	ND	25.0	97.6	86.0	12.6	70-130	20		
Methyl tert-butyl ether	22.1	20.7	ND	25.0	88.4	82.8	6.5	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	416	427		500	83.2	85.4		73-130			
Toluene-d8	483	465		500	96.6	93.0		81-114			

Gas/BTEX/MTBE by 8260B (C6-C12)

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97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s)	8260B	Method	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2005/01/10-1A-68
MS/MSD		Lab ID	2005-01-0006-001
MS	2005/01/10-1A-68-059	Extracted	01/10/2005 09:49
		Dilution	1.00
MSD	2005/01/10-1A-68-016	Extracted	01/10/2005 10:16
		Dilution	1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.9	21.0	ND	25	95.6	84.0	12.9	65-165	20		
Benzene	25.0	23.2	ND	25	100.0	92.8	7.5	69-129	20		
Toluene	25.8	23.9	ND	25	103.2	95.6	7.6	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	445	411		500	88.9	82.2		73-130			
Toluene-d8	491	492		500	98.1	98.4		81-114			

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s): 8260B			Test(s): 8260B
Matrix Spike (MS / MSD)	Water		QC Batch #: 20050110-1B-85
MW-1 S1 - MS			Lab ID: 2005-01-0116-001
MS: 20050110-1B-85-012	Extracted: 01/10/2005		Analyzed: 01/10/2005 11:00
			Dilution: 1.00
MSD: 20050110-1B-85-026	Extracted: 01/10/2005		Analyzed: 01/10/2005 11:26
			Dilution: 50

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	30.6	29.2	ND	25	122.4	116.8	4.7	65-165	20		
Benzene	53.1	51.5	23.3	25	119.2	112.8	5.5	69-129	20		
Toluene	29.4	28.4	1.56	25	111.4	107.4	3.7	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	517	492		500	103.4	98.4		73-130			
Toluene-d8	490	498		500	98.0	99.6		81-114			

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 050104-WC1

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Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Batch QC Report			
Prep(s):	50305	MS/MSD	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2005/01/10-1G-52
MS/MSD		Lab ID	2005/01/05/0003
MS	2005/01/10-1G-52-038	Extracted:	01/10/2005
		Analyzed:	01/10/2005 08:38
		Dilution:	1:100
MSD	2005/01/10-1G-52-006	Extracted:	01/10/2005
		Analyzed:	01/10/2005 09:00
		Dilution:	1:100

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	31.1	22.8	ND	25	124.4	91.2	30.8	65-165	20		R1
Benzene	24.6	19.6	ND	25	98.4	78.4	22.6	69-129	20		R1
Toluene	25.4	20.8	ND	25	101.6	83.2	19.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	476	496		500	95.2	99.2		73-130			
Toluene-d8	459	471		500	91.8	94.2		81-114			

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
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Project: 050104-WC1
97088250

Received: 01/05/2005 12:00

Site: 1230 14th Street, Oakland

Legend and Notes

Analysis Flag

L2

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

Result Flag

R1

Analyte RPD was out of QC limits.

SHELL Chain Of Custody Record

99250

Lab identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be Invoiced:

Karen Petryna

SCIENCE & ENGINEERING
 TECHNICAL SERVICES
 GEM & JEWELRY

2005-01-0116

INCIDENT NUMBER (SEE ONLY)

9 7 0 8 8 2 5 0

SAP or CBET NUMBER (TSC/CURT)

DATE: 1/4/05

PAGE: 1 of 2

SUPPLY COMPANY:
 Name: **Naite Tech Services**
 Address: **680 Rogers Avenue, San Jose, CA 95112**
 Project Contact / Member of 208 Project List:
Leon Geartman
 Telephone: **408-673-0855** / **408-673-7771**
 Email: **lgeartman@naitetech.com**

LAB CODE:
BTSS

SITE ADDRESS (Street and City):
1230 14th Street, Oakland

NOT DELIVERABLE TO Receiver's Party's Care/Point:

SAMPLER NAME(S) / POINT:
Will Crow

GLOBAL ID NO.:
T0600101691

PHONE NO.:
510-420-3338

CONSULTANT PROJECT NO.:
050104-161

EMAIL:
ShellOaklandEDF@cambridge-env.com

LAB USE ONLY:

TURNAROUND TIME (BUSINESS DAYS):
 7 DAYS 5 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

LA - INVOIC REPORT FORMAT LIST AGENCY

SCANS AND BS CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EOD IS NOT NEEDED

REQUESTED ANALYSIS

DATE	TIME	MTRX	NO. OF CONT.	TVA - Gas, Flammable	BTX	MTBE (4001R - Spills R/L)	MTBE (4250B - 0 Spills R/L)	Organics (M by (M))	Ethanol (E200)	Methanol	1,2-DCA (4200B)	EUS (4250B)	TVA - Diesel, Extractable (4015M)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes 20°C
MW-1	1253	H ₂ O	3/1	X	X	X	X	X	X	X	X	X	X	
MW-2	1034			X	X	X	X	X	X	X	X	X	X	
MW-3	0941			X	X	X	X	X	X	X	X	X	X	
MW-4	1005			X	X	X	X	X	X	X	X	X	X	
MW-5	1416			X	X	X	X	X	X	X	X	X	X	
MW-6	1400			X	X	X	X	X	X	X	X	X	X	
MW-7	1209			X	X	X	X	X	X	X	X	X	X	
VW/MW-2	305			X	X	X	X	X	X	X	X	X	X	
VW/MW-4	500			X	X	X	X	X	X	X	X	X	X	
VW/AS-1	1327			X	X	X	X	X	X	X	X	X	X	

Collected by (Signature): *Will Crow*

Collected by (Print): Will Crow

Received by (Signature): *[Signature]*

Received by (Print): [Name]

Date: 01-05-05 **Time:** 1200

Date: 01-05-05 **Time:** 1765

STAINUTION: Yellow with Seal report. Green to File, Yellow and Pink to Client.

HPT300 Revision

COC Sample (710) 859-8702

SHELL Chain Of Custody Record

99250

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be Invoiced:



Karen Patryna

2005-01-0116

INCIDENT NUMBER (SEE ONLY)

9 7 0 8 8 2 5 0

SAMPLE NUMBER (TSACR/MAT)

DATE: 1/4/05

PAGE: 2 of 2

COMPANY: Blaine Tech Services ADDRESS: 680 Rogers Avenue, San Jose, CA 95112 PROJECT EDD (EDD necessary or not required): Ann Kearnt PHONE: 408-573-0855 FAX: 408-573-7771 E-MAIL: kearnnt@blainetech.com	LOG CODE: BTSS	SITE ADDRESS (Street and City): 1230 14th Street, Oakland EDD (EDD necessary or not required): Ann Kearnt PHONE NO: 510-420-3335	GLOBAL ID NO: T0600101691	LOCAL: ShellOaklandEDP@cambria-ann.com	DONOR/LAB PROJECT NO: 050401-MC1 BTS#
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TURNAROUND TIME (BUSINESS DAYS):
 10 DAYS 5 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

EA - ENVI REPORT FORMAT LET AGENCY

CONCENTRATIONS CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

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

TPH - Gas, Pongostile	BT6X	MTBE (203.15 - Spec. RL)	MTBE (203.15 - 0.5ppb RL)	Oxygenates (if by request)	Ethanol (request)	Methanol	1,2-DCA (request)	EDB (request)	TPH - Diesel, Extractable (request)
			XX	X					

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

26c

Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Pongostile	BT6X	MTBE (203.15 - Spec. RL)	MTBE (203.15 - 0.5ppb RL)	Oxygenates (if by request)	Ethanol (request)	Methanol	1,2-DCA (request)	EDB (request)	TPH - Diesel, Extractable (request)
	DATE	TIME												
VW/AS-3	1/4/05		H2O	3/41										

TEMPERATURE ON RECEIPT C°

Received by (Signature): 	Received by (Signature): 	Date: 01-05-05	Time: 1200
Requested by (Signature): 	Requested by (Signature): 	Date: 01-05-05	Time: 1715

STREPTON: Print with this report, Green is All, Yellow and Pink is Clean

10/1800 Revision

C/O Graphic (714) 850-9702