Roya C. Kambin
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6270
RKLG@chevron.com

July 15, 2012

Ms. Barbara Jakub
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6577

RE: First Semi-Annual 2012 Groundwater Monitoring Report Submittal
Former Unocal Service Station 0746
3943 Broadway Avenue, Oakland, California
Fuel Leak Case No.: RO0000203

Dear Ms. Jakub,

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please contact me at (925) 790-6270.

Sincerely,

Roya Kambin
Union Oil of California – Project Manager

Attachment:
First Semi-Annual 2012 Groundwater Monitoring Report

ARCADIS U.S., Inc.
2000 Powell Street
7th Floor
Emeryville
California 94608
Tel 510.652.4500
Fax 510.652.4906
www.arcadis-us.com

Mr. Keith Nowell
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Subject:
First Semi-Annual 2012 Monitoring Report Submittal

ENVIRONMENT

Dear Mr. Nowell:

Date:
July 15, 2012

Contact:
Katherine Brandt

Phone:
510.596.9675

Email:
katherine.brandt@arcadis-us.com

Our ref:
B0047338.2012

On behalf of Chevron Environmental Management Company, for itself and as Attorney-in-Fact for Union Oil Company of California (hereinafter "EMC"), ARCADIS is submitting the enclosed Semi-Annual Groundwater Monitoring Report for the following facility:

Facility No.	**Case No.**	**Location**
0746	RO0000203	3943 Broadway Avenue Oakland, California 94611

If you have any questions, please contact Katherine Brandt at 510.596.9675.
Sincerely,

ARCADIS

PROFESSIONAL GEOLOGIST
DAVID LAY
No.8545
STATE OF CALIFORNIA

Katherine Brandt
Certified Project Manager

David W. Lay, P.G.,C.P.G.
Principal Geologist

Copies:
Ms. Roya Kambin, EMC
Ms. Cherie McCaulou, CRWQCB – San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California 94612 (CD)

UNION OIL OF CALIFORNIA
SEMI-ANNUALLY MONITORING REPORT
SECOND QUARTER 2012
JULY 15, 2012

Facility No.: 0746 Address: 3943 Broadway Avenue, Oakland, California 94611

Consulting Company/Contact Person/Phone No.:	ARCADIS / Katherine Brandt / 510.596.9675
Primary Agency/Contact Person/Regulatory ID No.:	Alameda County Department of Environmental Health / Mr. Keith Nowell / Case No. RO0000203

WORK PERFORMED DURING THIS REPORTING PERIOD (Second Quarter – 2012) :

1. TRC Solutions (TRC) conducted groundwater monitoring and sampling on June 1, 2012. Field data sheets and general procedures are included as **Attachment A**. Eleven (11) groundwater monitoring wells were gauged this monitoring event (MW-1 through MW-7, MW-10, MW-11, MW-12, and RW-1). Ten (10) of those wells were sampled during this monitoring event (MW-1 through MW-4, MW-6, MW-7, MW-10, MW-11, MW-12, and RW-1). Well MW-5 was not sampled due to the presence of liquid-phase hydrocarbons (LPH) in the well.

   All groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g; C_6-C_{12}) by United States Environmental Protection Agency (EPA) Method 8015B; and benzene, toluene, ethylbenzene, and total xylenes (BTEX, collectively), methyl tertiary butyl ether (MTBE), 1,2-dibromoethane (EDB), 1,2-dichloroethane (EDC), and ethanol by EPA Method 8260B.

   The site location map, the site plan, and the groundwater contour map are presented on **Figures 1** through **3**. Concentration maps for TPH-g, benzene, and MTBE are on **Figures 4** through **6**. Current Groundwater Gauging and Analytical Results are summarized in **Table 1**, Historic Groundwater Gauging and Analytical Results are summarized in **Table 2**, Current Additional Groundwater Analytical Results are summarized in **Table 2a**, LPH Recovery Data are summarized in **Table 3**, and Historical Groundwater Results from TRC are included as **Attachment B**. A copy of the laboratory analytical report and chain-of-custody documentation is included as **Attachment C**.

WORK PROPOSED FOR THE NEXT REPORTING PERIOD (Fourth Quarter – 2012):

1. Perform groundwater monitoring and related reporting during fourth quarter 2012.

Current Phase of Project:	Groundwater Monitoring
Site Use:	Active gasoline retail station
Frequency of Sampling:	Groundwater – Semi-Annually
Frequency of Monitoring:	Groundwater – Semi-Annually
LPH Present On-Site:	0.02feet (MW-5)
Cumulative LPH Recovered to Date:	3.919 gallons
LPH Recovered This Quarter:	0.210 gallons
Bulk Soil Removed to Date:	350 cubic yards during UST removal activities (1989)
Bulk Soil Removed this Quarter:	None
Water Wells or Surface Waters within a 2,000' Radius and Their Respective Directions:	Two irrigation wells located 1,330 feet east and 1,450 feet north of the site; the only surface water body (Glen Echo Creek) was located 1,630 feet southeast of the site
Groundwater Use Designation:	Irrigation
Current Remediation Techniques:	None
Permits for Discharge (No.):	None
Approximate Depth to Groundwater:	7.32 (MW-6) – 14.50 (MW-11) feet below top of casing Measured X Estimated
Approximate Groundwater Elevation:	63.68 (MW-11) – 73.16 (MW-5) feet relative to mean sea level

UNION OIL OF CALIFORNIA
SEMI-ANNUALLY MONITORING REPORT
SECOND QUARTER 2012
JULY 15, 2012

Facility No.: 0746 Address: 3943 Broadway Avenue, Oakland, California 94611

		Measured X	Estimated	
Groundwater Gradient:	0.043 ft/ft	(Magnitude)	Southwest	(Direction)

DISCUSSION:

Groundwater conditions during the second quarter 2012 remained generally consistent with previous quarters. The maximum dissolved concentrations of TPH-g (4,300 micrograms per liter [µg/L]), total xylenes (3.4 µg/L), and MTBE (19 µg/L) were detected in the samples collected from MW-3. The maximum dissolved concentrations of benzene (140 µg/L) and ethylbenzene (56 µg/L) were detected in the samples collected from RW-1. Toluene, EDB, EDC, and ethanol were not detected above the laboratory reporting limits for all wells sampled.

Groundwater elevations at the site vary by approximately nine-and-a-half feet, creating a hydraulic gradient of 0.043 foot per foot in the southwest direction.

CONCLUSIONS AND RECOMMENDATIONS:

Dissolved hydrocarbon constituent concentrations have remained relatively consistent with previous quarters. ARCADIS recommends continued groundwater monitoring and monthly product gauging and bail down.

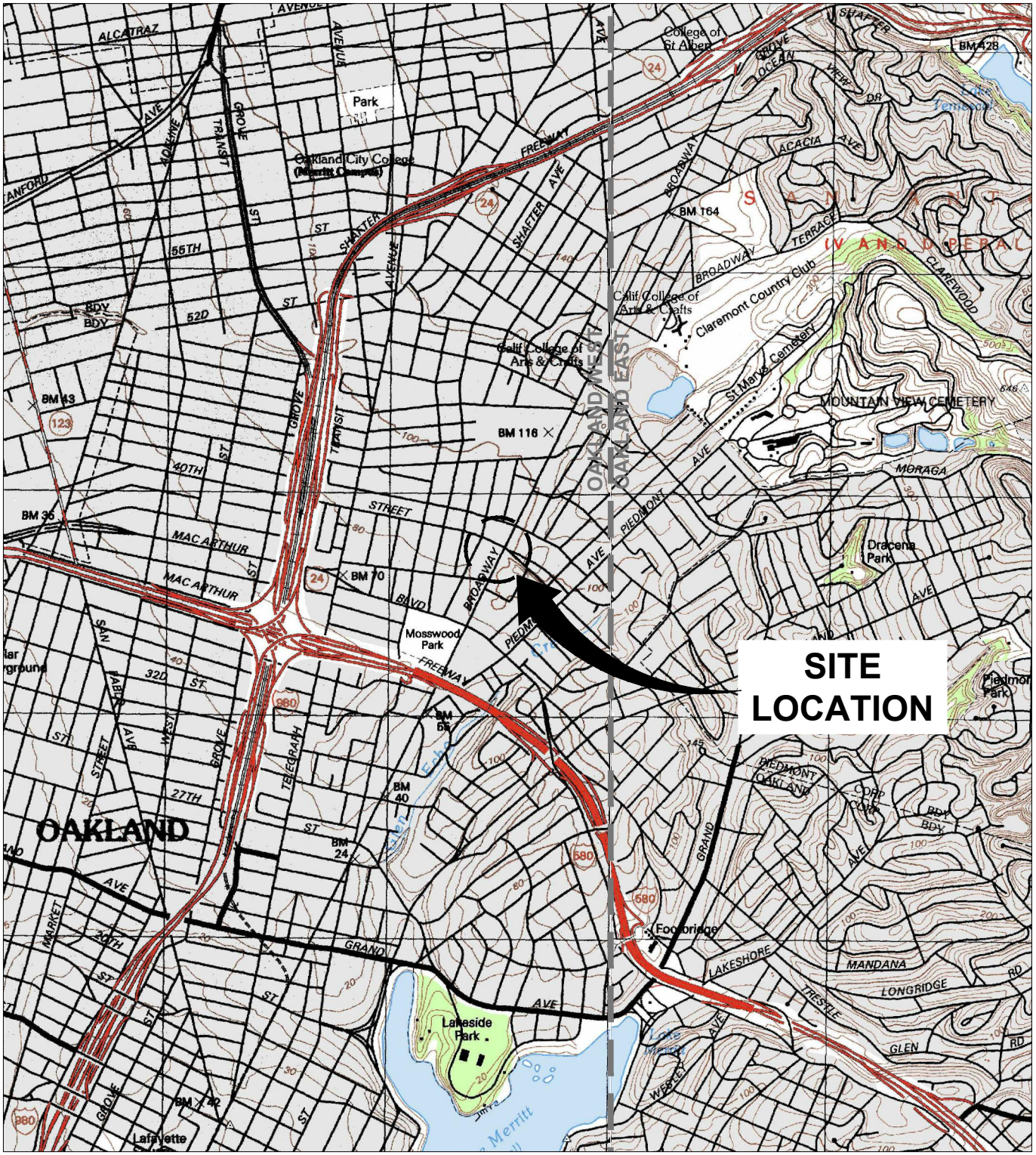
ATTACHMENTS:

Figure 1: Site Location Map
Figure 2: Site Plan
Figure 3: Groundwater Contour Map
Figure 4: TPH-g Concentration Map
Figure 5: Benzene Concentration Map
Figure 6: MTBE Concentration Map

Table 1: Current Groundwater Gauging and Analytical Results
Table 2: Historic Groundwater Gauging and Analytical Results
Table 2a: Historic Additional Groundwater Analytical Results
Table 3: Liquid Phase Hydrocarbon Recovery Data

Attachment A: Field Data Sheets and General Procedures
Attachment B: Historical Groundwater Results from TRC
Attachment C: Laboratory Report and Chain-of-Custody Documentation

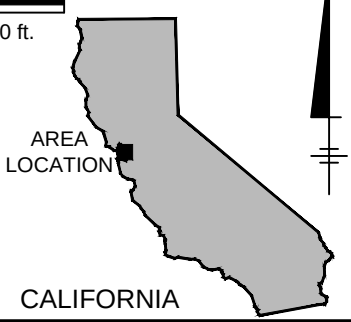
Figures



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., OAKLAND WEST, CALIFORNIA, 1993, AND OAKLAND EAST, CALIFORNIA, 1997.

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.



UNION OIL
STATION NO. 0746
3943 BROADWAY
OAKLAND, CALIFORNIA

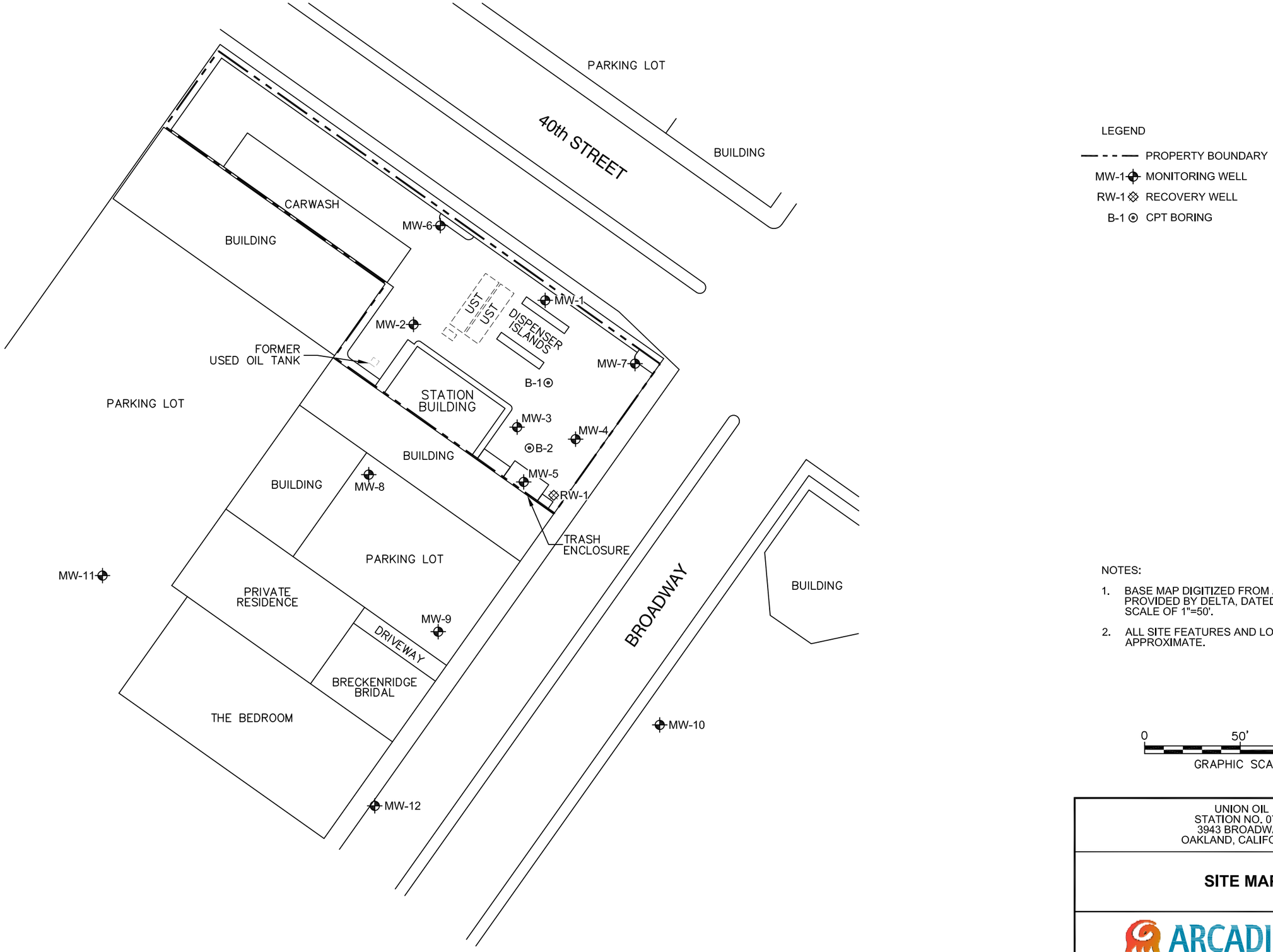
SITE LOCATION MAP

ARCADIS

FIGURE
1

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\B0047338\2012\000021SA 2012\DWG\47338N01.dwg LAYOUT: 1 SAVED: 6/28/2012 12:23 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/28/2012 12:24 PM BY: HARRIS, JESSICA

XREFS: IMAGES: PROJECTNAME: ---
Oakland East.jpg
Oakland West.jpg



LEGEND

- PROPERTY BOUNDARY
- MW-1 MONITORING WELL
- RW-1 RECOVERY WELL
- B-1 CPT BORING

NOTES:

1. BASE MAP DIGITIZED FROM A FIGURE PDF PROVIDED BY DELTA, DATED 09/14/09, AT A SCALE OF 1"=50'.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 50' 100'

GRAPHIC SCALE

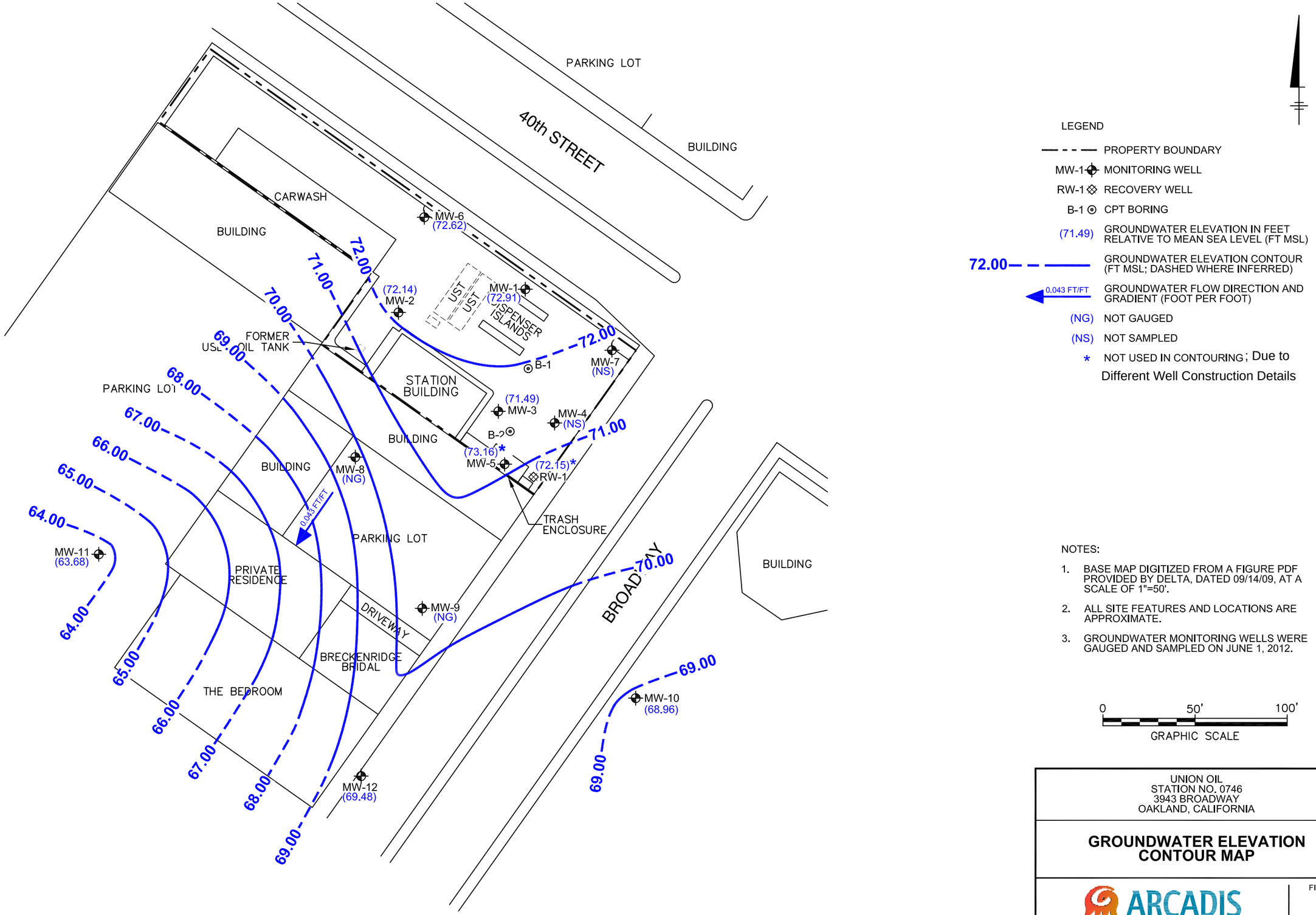
UNION OIL
STATION NO. 0746
3943 BROADWAY
OAKLAND, CALIFORNIA

SITE MAP

ARCADIS

FIGURE
2

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\B0047338\2012\000002\ISA 2012\DWG\47338B01.dwg LAYOUT: 2 SAVED: 6/28/2012 12:25 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/29/2012 2:33 PM BY: HARRIS, JESSICA
XREFS: 47338X01
IMAGES: PROJECTNAME: —



LEGEND

- PROPERTY BOUNDARY
- MW-1 MONITORING WELL
- RW-1 RECOVERY WELL
- B-1 CPT BORING
- (71.49) GROUNDWATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL (FT MSL)
- 72.00 GROUNDWATER ELEVATION CONTOUR (FT MSL; DASHED WHERE INFERRED)
- 0.043 FT/FT GROUNDWATER FLOW DIRECTION AND GRADIENT (FOOT PER FOOT)
- (NG) NOT GAUGED
- (NS) NOT SAMPLED
- * NOT USED IN CONTOURING; Due to Different Well Construction Details

NOTES:

1. BASE MAP DIGITIZED FROM A FIGURE PDF PROVIDED BY DELTA, DATED 09/14/09, AT A SCALE OF 1"=50'.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER MONITORING WELLS WERE GAUGED AND SAMPLED ON JUNE 1, 2012.

0 50' 100'

GRAPHIC SCALE

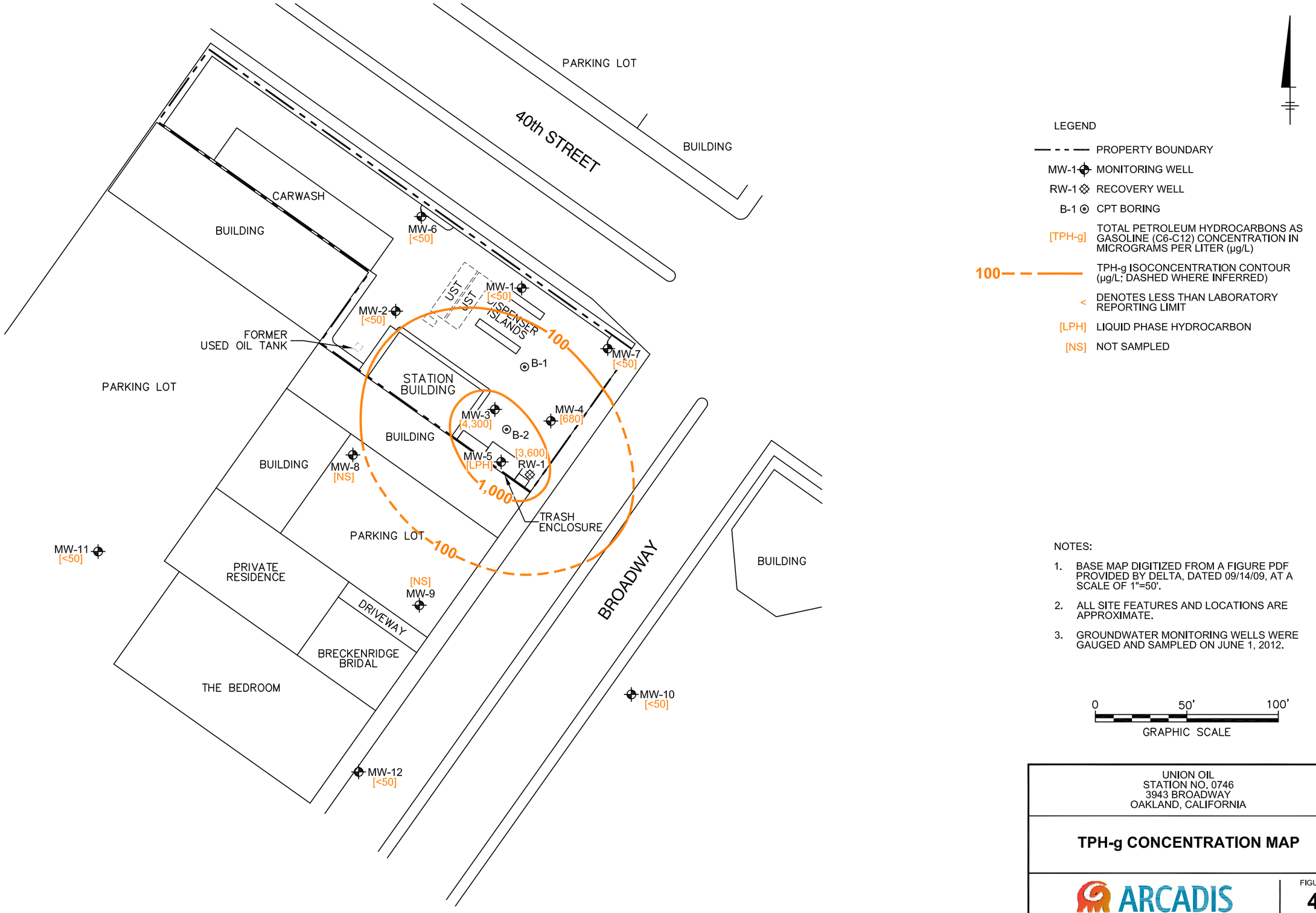
UNION OIL
STATION NO. 0746
3943 BROADWAY
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP

ARCADIS

FIGURE 3

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\B0047338\2012\2000021\SA 2012\DWG\47338W01.dwg LAYOUT: 3 SAVED: 6/28/2012 12:50 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/28/2012 12:50 PM BY: HARRIS, JESSICA
XREFS: 47338X01 IMAGES: PROJECTNAME: --



LEGEND

- PROPERTY BOUNDARY
- MW-1 MONITORING WELL
- RW-1 RECOVERY WELL
- B-1 CPT BORING
- [TPH-g] TOTAL PETROLEUM HYDROCARBONS AS GASOLINE (C6-C12) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 100 TPH-g ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- < DENOTES LESS THAN LABORATORY REPORTING LIMIT
- [LPH] LIQUID PHASE HYDROCARBON
- [NS] NOT SAMPLED

NOTES:

1. BASE MAP DIGITIZED FROM A FIGURE PDF PROVIDED BY DELTA, DATED 09/14/09, AT A SCALE OF 1"=50'.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER MONITORING WELLS WERE GAUGED AND SAMPLED ON JUNE 1, 2012.

0 50' 100'

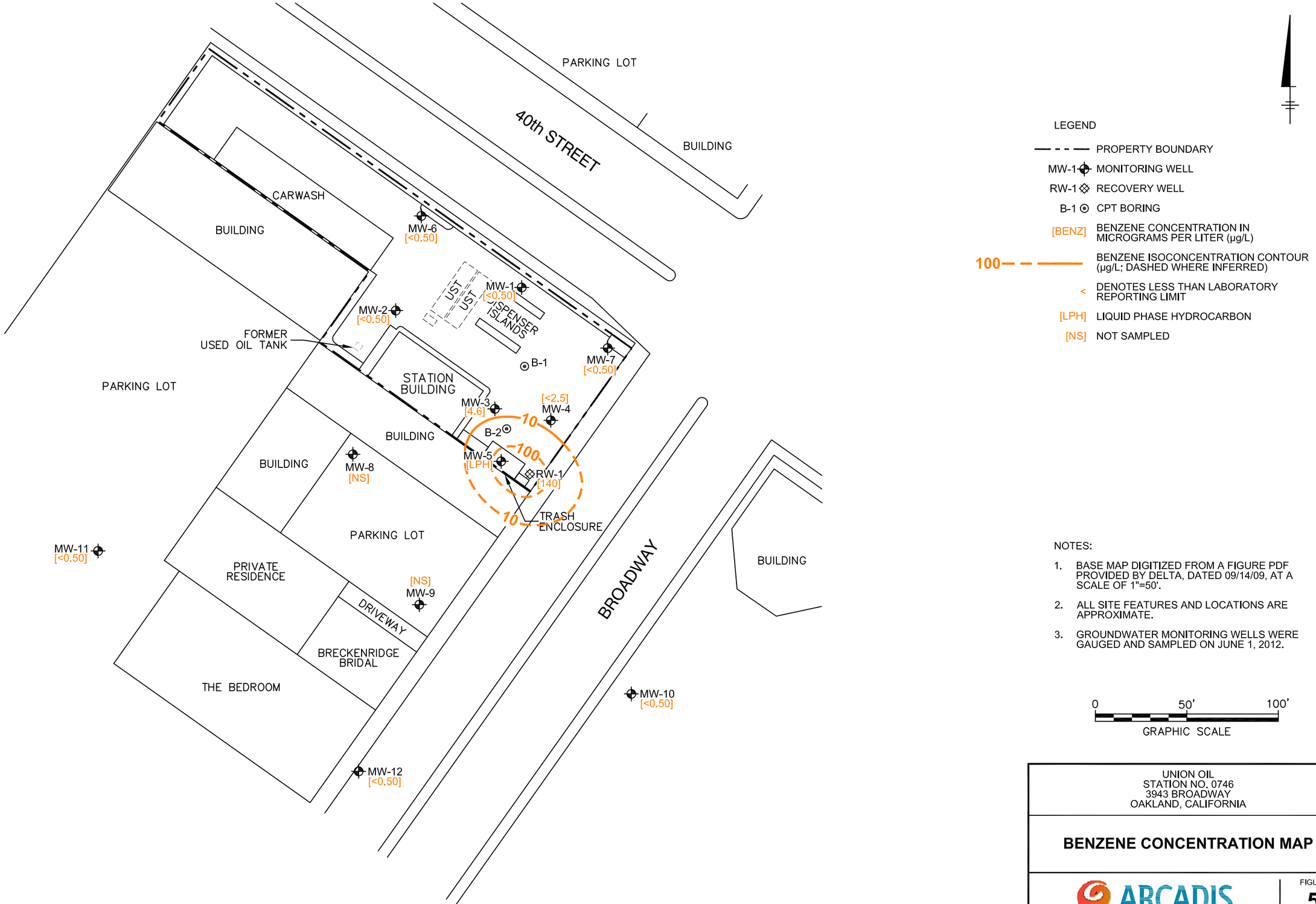
GRAPHIC SCALE

UNION OIL
STATION NO. 0746
3943 BROADWAY
OAKLAND, CALIFORNIA

TPH-g CONCENTRATION MAP

ARCADIS

FIGURE 4



LEGEND

- PROPERTY BOUNDARY
- MW-1 MONITORING WELL
- RW-1 RECOVERY WELL
- B-1 CPT BORING
- [BENZ] BENZENE CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 100 BENZENE ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- < DENOTES LESS THAN LABORATORY REPORTING LIMIT
- [LPH] LIQUID PHASE HYDROCARBON
- [NS] NOT SAMPLED

NOTES:

1. BASE MAP DIGITIZED FROM A FIGURE PDF PROVIDED BY DELTA, DATED 09/14/09, AT A SCALE OF 1"=50'.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER MONITORING WELLS WERE GAUGED AND SAMPLED ON JUNE 1, 2012.

0 50' 100'

GRAPHIC SCALE

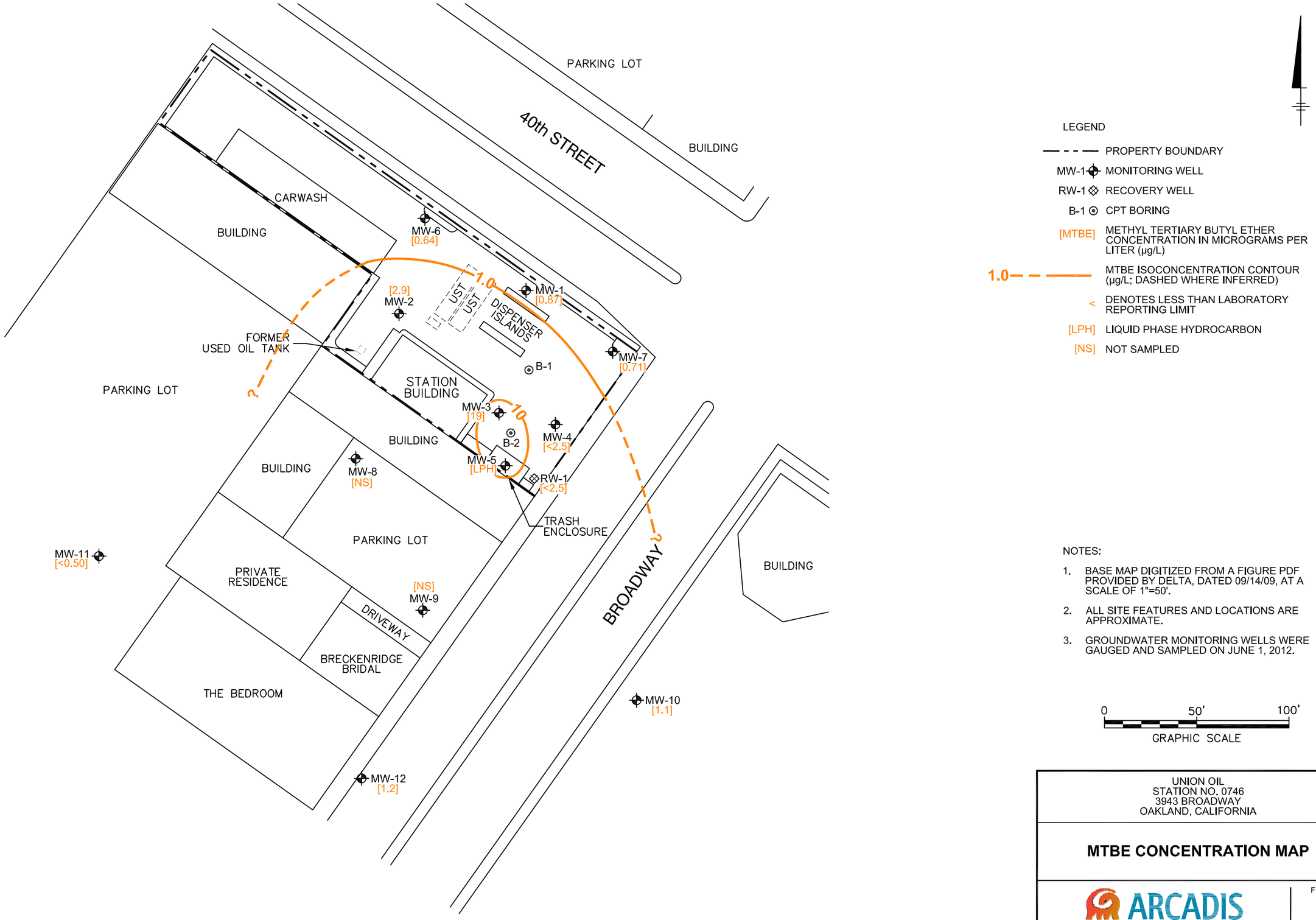
UNION OIL
STATION NO. 0746
3943 BROADWAY
OAKLAND, CALIFORNIA

BENZENE CONCENTRATION MAP

ARCADIS

FIGURE 5

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\B0047338\2012\000002\1\SA 2012DWG\47338C02.dwg LAYOUT: 5 SAVED: 6/28/2012 1:24 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/28/2012 1:24 PM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: —
47338X01



LEGEND

- PROPERTY BOUNDARY
- MW-1 MONITORING WELL
- RW-1 RECOVERY WELL
- B-1 CPT BORING
- [MTBE] METHYL TERTIARY BUTYL ETHER CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 1.0 MTBE ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- < DENOTES LESS THAN LABORATORY REPORTING LIMIT
- [LPH] LIQUID PHASE HYDROCARBON
- [NS] NOT SAMPLED

NOTES:

1. BASE MAP DIGITIZED FROM A FIGURE PDF PROVIDED BY DELTA, DATED 09/14/09, AT A SCALE OF 1"=50'.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER MONITORING WELLS WERE GAUGED AND SAMPLED ON JUNE 1, 2012.

0 50' 100'

GRAPHIC SCALE

UNION OIL
STATION NO. 0746
3943 BROADWAY
OAKLAND, CALIFORNIA

MTBE CONCENTRATION MAP

ARCADIS

FIGURE 6

Tables

Table 1
Current Groundwater Gauging and Analytical Results
76 Station 0746
3943 Broadway Avenue, Oakland California

Well ID	Date Sampled	TOC (feet MSL)	DTW (feet BTOC)	LPH Thickness (feet)	GW Elevation (feet MSL)	Previous Quarter GWE (feet MSL)	Change in Elevation (feet)	TPH-g	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Ethanol	Comments
MW-1	6/1/2012	80.54	7.63	0.00	72.91	72.57	0.34	<50	<0.50	<0.50	<0.50	<1.0	0.87	<0.50	<0.50	<250	
MW-2	6/1/2012	81.32	9.18	0.00	72.14	72.37	-0.23	<50	<0.50	<0.50	<0.50	<1.0	2.9	<0.50	<0.50	<250	
MW-3	6/1/2012	81.41	9.92	0.00	71.49	71.33	0.16	4,300	4.6	<0.50	17	3.4	19	<0.50	<0.50	<250	A01
MW-4	6/1/2012	--	9.92	0.00	--	--	--	680	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	<1,200	A01
MW-5	1/12/2012	81.38	10.12	0.02	71.26	71.36	-0.10	--	--	--	--	--	--	--	--	--	
MW-5	6/1/2012	81.38	8.22	0.02	73.16	71.26	1.90	--	--	--	--	--	--	--	--	--	
MW-6	6/1/2012	79.94	7.32	0.00	72.62	73.19	-0.57	<50	<0.50	<0.50	<0.50	<1.0	0.64	<0.50	<0.50	<250	
MW-7	6/1/2012	--	8.22	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	0.71	<0.50	<0.50	<250	
MW-8	6/1/2012	81.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	6/1/2012	80.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	6/1/2012	81.61	12.65	0.00	68.96	67.20	1.76	<50	<0.50	<0.50	<0.50	<1.0	1.1	<0.50	<0.50	<250	
MW-11	6/1/2012	78.18	14.50	0.00	63.68	64.91	-1.23	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-12	6/1/2012	79.61	10.13	0.00	69.48	70.19	-0.71	<50	<0.50	<0.50	<0.50	<1.0	1.2	<0.50	<0.50	<250	
RW-1	1/12/2012	80.63	9.53	0.00	71.10	71.35	-0.25	--	--	--	--	--	--	--	--	--	
RW-1	6/1/2012	80.63	8.48	0.00	72.15	71.10	1.05	3,600	140	<2.5	56	<5.0	<2.5	<2.5	<2.5	<1,200	A01

Note

Analytical results given in micrograms per liter (µg/l) unless otherwise stated

Standard Abbreviations

--	not analyzed, measured, or collected
<	not detected at or above laboratory detection limit
TOC	top of casing (surveyed reference elevation)
feet MSL	feet relative to mean sea level
DTW	depth to water
BTOC	below top of casing
LPH	liquid-phase hydrocarbons
GW	groundwater

Table 1
Current Groundwater Gauging and Analytical Results
76 Station 0746
3943 Broadway Avenue, Oakland California

Well ID	Date Sampled	TOC (feet MSL)	DTW (feet BTOC)	LPH Thickness (feet)	GW Elevation (feet MSL)	Previous Quarter GWE (feet MSL)	Change in Elevation (feet)	TPH-g	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Ethanol	Comments
	GWE	groundwater elevation															

Analytes

TPH-g	total petroleum hydrocarbons with gasoline (C6-C12)
MTBE	methyl tertiary butyl ether
EDB	1,2-dibromoethane (same as ethylene dibromide)
EDC	1,2-dichloroethane (same as ethylene dichloride)
8015B	EPA Method 8015B for TPH-g
8260B	EPA Method 8260B for Volatile Organic Compounds

Laboratory Qualifiers

A01	PQL's and MDL's are raised due to sample dilution.
PQL	practical quantitation limit
MDL	method detection limit

Table 2
Historic Groundwater Gauging and Analytical Results
76 Station 0746
3943 Broadway Avenue, Oakland California

Well ID	Date Sampled	TOC (feet MSL)	DTW (feet BTOC)	LPH Thickness (feet)	GW Elevation (feet MSL)	Previous Quarter GWE (feet MSL)	Change in Elevation (feet)	TPH-g	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Ethanol	Comments
MW-1	12/9/2011	80.54	7.97	0.00	72.57	74.29	-1.72	<50	<0.50	<0.50	<0.50	<1.0	4.2	<0.50	<0.50	<250	
MW-1	6/1/2012	80.54	7.63	0.00	72.91	72.57	0.34	<50	<0.50	<0.50	<0.50	<1.0	0.87	<0.50	<0.50	<250	
MW-2	12/9/2011	81.32	8.95	0.00	72.37	73.57	-1.20	<50	<0.50	<0.50	<0.50	<1.0	7.9	<0.50	<0.50	<250	
MW-2	6/1/2012	81.32	9.18	0.00	72.14	72.37	-0.23	<50	<0.50	<0.50	<0.50	<1.0	2.9	<0.50	<0.50	<250	
MW-3	12/9/2011	81.41	10.08	0.00	71.33	75.31	-3.98	9,900	11	<2.5	98	47	9.3	<2.5	<2.5	<1,200	A01
MW-3	6/1/2012	81.41	9.92	0.00	71.49	71.33	0.16	4,300	4.6	<0.50	17	3.4	19	<0.50	<0.50	<250	A01
MW-4	12/9/2011	--	9.04	0.00	--	--	--	1,900	<0.50	<0.50	1.4	<1.0	<0.50	<0.50	<0.50	<250	
MW-4	6/1/2012	--	9.92	0.00	--	--	--	680	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	<1,200	A01
MW-5	9/13/2011	81.38	6.70	0.00	74.68	75.95	-1.27	--	--	--	--	--	--	--	--	--	
MW-5	10/21/2011	81.38	6.72	0.00	74.66	75.95	-1.29	--	--	--	--	--	--	--	--	--	
MW-5	11/4/2011	81.38	6.64	0.00	74.74	75.95	-1.21	--	--	--	--	--	--	--	--	--	
MW-5	12/9/2011	81.38	10.02	0.21	71.36	74.66	-3.30	--	--	--	--	--	--	--	--	--	
MW-5	1/12/2012	81.38	10.12	0.02	71.26	71.36	-0.10	--	--	--	--	--	--	--	--	--	
MW-5	6/1/2012	81.38	8.22	0.02	73.16	71.26	1.90	--	--	--	--	--	--	--	--	--	
MW-6	12/9/2011	79.94	6.75	0.00	73.19	73.70	-0.51	<50	<0.50	<0.50	<0.50	<1.0	2.0	<0.50	<0.50	<250	
MW-6	6/1/2012	79.94	7.32	0.00	72.62	73.19	-0.57	<50	<0.50	<0.50	<0.50	<1.0	0.64	<0.50	<0.50	<250	
MW-7	12/9/2011	--	8.54	0.00	--	--	--	120	<0.50	<0.50	<0.50	<1.0	4.5	<0.50	<0.50	<250	
MW-7	6/1/2012	--	8.22	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	0.71	<0.50	<0.50	<250	
MW-8	12/9/2011	81.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	6/1/2012	81.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	12/9/2011	80.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	6/1/2012	80.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/9/2011	81.61	14.41	0.00	67.20	69.25	-2.05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-10	6/1/2012	81.61	12.65	0.00	68.96	67.20	1.76	<50	<0.50	<0.50	<0.50	<1.0	1.1	<0.50	<0.50	<250	
MW-11	12/9/2011	78.18	13.27	0.00	64.91	62.39	2.52	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-11	6/1/2012	78.18	14.50	0.00	63.68	64.91	-1.23	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-12	12/9/2011	79.61	9.42	0.00	70.19	72.28	-2.09	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-12	6/1/2012	79.61	10.13	0.00	69.48	70.19	-0.71	<50	<0.50	<0.50	<0.50	<1.0	1.2	<0.50	<0.50	<250	

Table 2
Historic Groundwater Gauging and Analytical Results
76 Station 0746
3943 Broadway Avenue, Oakland California

Well ID	Date Sampled	TOC (feet MSL)	DTW (feet BTOC)	LPH Thickness (feet)	GW Elevation (feet MSL)	Previous Quarter GWE (feet MSL)	Change in Elevation (feet)	TPH-g	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Ethanol	Comments
RW-1	10/21/2011	80.63	5.45	0.00	75.18	77.02	-1.84	--	--	--	--	--	--	--	--	--	
RW-1	12/9/2011	80.63	9.28	0.00	71.35	75.18	-3.83	2,900	240	1.2	180	30	<0.50	<0.50	<0.50	<250	A01
RW-1	1/12/2012	80.63	9.53	0.00	71.10	71.35	-0.25	--	--	--	--	--	--	--	--	--	
RW-1	6/1/2012	80.63	8.48	0.00	72.15	71.10	1.05	3,600	140	<2.5	56	<5.0	<2.5	<2.5	<2.5	<1,200	A01

Note

Analytical results given in micrograms per liter (µg/l) unless otherwise stated

Standard Abbreviations

--	not analyzed, measured, or collected
<	not detected at or above laboratory detection limit
TOC	top of casing (surveyed reference elevation)
feet MSL	feet relative to mean sea level
DTW	depth to water
BTOC	below top of casing
LPH	liquid-phase hydrocarbons
GW	groundwater
GWE	groundwater elevation

Analytes

TPH-g	total petroleum hydrocarbons with gasoline (C6-C12)
MTBE	methyl tertiary butyl ether
EDB	1,2-dibromoethane (same as ethylene dibromide)
EDC	1,2-dichloroethane (same as ethylene dichloride)
8015B	EPA Method 8015B for TPH-g
8260B	EPA Method 8260B for Volatile Organic Compounds

Laboratory Qualifiers

A01	PQL's and MDL's are raised due to sample dilution.
PQL	practical quantitation limit
MDL	method detection limit

Table 2a
Historic Additional Groundwater Analytical Results
76 Station 0746
3943 Broadway Avenue, Oakland California

Well ID	Date Sampled	Total Alkalinity as CaCO3 (mg/L)	Nitrate as NO3 (mg/L)	Sulfate (mg/L)	Total Sulfide (mg/L)	Total Iron	Comments
MW-1	12/9/2011	230	2.4	21	<0.050	6,200	
MW-2	12/9/2011	--	--	--	--	--	
MW-3	12/9/2011	--	--	--	--	--	
MW-4	12/9/2011	130	<0.090	<0.12	<0.20	12,000	A10
MW-5	12/9/2011	--	--	--	--	--	
MW-6	12/9/2011	--	--	--	--	--	
MW-7	12/9/2011	--	--	--	--	--	
MW-8	12/9/2011	--	--	--	--	--	
MW-9	12/9/2011	--	--	--	--	--	
MW-10	12/9/2011	--	--	--	--	--	
MW-11	12/9/2011	270	9.8	69	<0.050	600	
MW-12	12/9/2011	390	0.77	9.9	<0.050	1,000	
RW-1	12/9/2011	--	--	--	--	--	

Note

Analytical results given in micrograms per liter (µg/l) unless otherwise stated

Standard Abbreviations

--	not analyzed, measured, or collected
<	not detected at or above laboratory detection limit
mg/L	milligram per liter

Analytes

CaCO3	calcium carbonate
NO3	nitrate
310.1	EPA Method 310.1 for total alkalinity as CaCO3
300.0	EPA Method 300.0 for nitrate as NO3 and sulfate
376.2	EPA Method 376.2 for total sulfide
6010B	EPA Method 6010B for total iron

Laboratory Qualifiers

A10	PQL's and MDL's were raised due to matrix interference.
PQL	practical quantitation limit
MDL	method detection limit

Table 3
Liquid Phase Hydrocarbon Recovery Data
76 Station 0746
3943 Broadway Avenue, Oakland California

Date	MW-5	RW-1
11/11/1998	0.00	0.00
2/22/1999	0.040	0.00
4/2/1999	0.070	0.00
5/4/1999	0.00	0.00
5/20/1999	0.00	0.00
6/29/1999	0.00	0.00
0729/99	0.00	0.00
8/24/1999	0.00	0.00
9/27/1999	0.00	0.00
10/28/1999	0.00	0.00
11/15/1999	0.00	0.00
12/20/1999	0.00	0.00
1/20/2000	0.00	0.00
2/26/2000	0.00	0.00
3/31/2000	0.00	0.00
4/13/2000	0.000	0.00
5/22/2000	0.00	0.00
11/22/2000	0.020	0.00
2/14/2001	0.060	0.00
3/28/2001	0.00	0.00
4/28/2001	0.00	0.00
5/15/2001	0.00	0.00
6/29/2001	0.00	0.00
7/17/2001	0.00	0.00
8/30/2001	0.000	0.00
9/24/2001	0.00	0.00
10/15/2001	0.030	0.00
11/23/2001	0.00	0.00
12/10/2001	0.000	0.00
1/14/2002	0.00	0.00
2/22/2002	0.00	0.00
3/11/2002	0.000	0.00
4/15/2002	0.00	0.00
5/24/2002	0.040	0.00
6/17/2002	0.040	0.00
7/15/2002	0.020	0.00
8/19/2002	0.050	0.00
9/5/2002	0.030	0.00
10/7/2002	0.020	0.00
11/29/2002	0.020	0.00
12/12/2002	0.010	0.00
1/6/2003	0.010	0.00
2/12/2003	0.020	0.00
3/13/2003	0.020	0.00
4/7/2003	0.010	0.00
5/15/2003	0.030	0.00
6/12/2003	0.020	0.00
7/7/2003	0.010	0.00
8/14/2003	0.020	0.00
9/12/2003	0.020	0.00
10/15/2003	0.087	0.000
11/4/2003	0.043	0.000
11/21/2003	0.032	0.000

Table 3
Liquid Phase Hydrocarbon Recovery Data
76 Station 0746
3943 Broadway Avenue, Oakland California

Date	MW-5	RW-1
12/18/2003	0.024	0.000
1/7/2004	0.009	0.000
2/9/2004	0.010	0.010
3/24/2004	0.031	0.000
4/16/2004	0.000	0.000
5/24/2004	0.050	0.000
6/8/2004	0.049	0.000
7/2/2004	0.046	0.000
8/20/2004	0.080	0.000
9/17/2004	0.048	0.000
10/22/2004	0.024	0.000
11/29/2004	0.036	0.000
12/21/2004	0.010	0.000
1/24/2005	0.027	0.000
2/18/2005	0.020	0.000
3/18/2005	0.024	0.000
4/14/2005	0.010	0.000
5/17/2005	0.010	0.000
6/24/2005	0.000	0.000
7/14/2005	0.020	0.000
8/5/2005	0.050	0.000
9/16/2005	0.009	0.000
10/21/2005	0.000	0.000
11/22/2005	0.000	0.000
12/15/2005	0.000	0.000
1/19/2006	0.000	0.000
2/15/2006	0.000	0.000
3/25/2006	0.000	0.000
4/27/2006	0.000	0.000
5/25/2006	0.000	0.000
6/14/2006	0.000	0.000
7/3/2006	0.000	0.000
8/10/2006	0.000	0.000
9/15/2006	0.027	0.000
10/27/2006	0.009	0.000
11/22/2006	0.017	0.000
12/21/2006	0.000	0.000
2/5/2007	0.010	0.000
2/20/2007	0.000	0.000
3/28/2007	0.000	0.000
4/30/2007	0.000	0.000
5/23/2007	0.073	0.000
6/28/2007	0.049	0.000
8/1/2007	0.000	0.000
8/27/2007	0.000	0.000
9/12/2007	0.040	0.000
10/16/2007	0.000	0.000
12/13/2007	0.029	0.000
1/29/2008	0.010	0.000
2/28/2008	0.020	0.000
3/21/2008	0.000	0.000
4/11/2008	0.058	0.000
5/21/2008	0.044	0.000
6/9/2008	0.029	0.000

Table 3
Liquid Phase Hydrocarbon Recovery Data
76 Station 0746
3943 Broadway Avenue, Oakland California

Date	MW-5	RW-1
7/18/2008	0.032	0.000
8/15/2008	0.024	0.000
9/24/2008	0.051	0.000
10/22/2008	0.044	0.000
11/26/2008	0.034	0.000
12/30/2008	0.022	0.000
1/23/2009	NA	0.000
3/27/2009	0.000	0.000
4/28/2009	0.102	0.000
5/28/2009	NA	NA
7/31/2009	0.034	0.000
8/21/2009	0.102	0.000
9/28/2009	0.017	0.000
10/26/2009	0.063	0.000
11/30/2009	0.075	0.000
12/15/2009	0.010	0.000
1/25/2010	0.003	0.000
2/26/2010	0.000	0.000
3/23/2010	0.010	0.000
4/22/2010	0.009	0.000
5/21/2010	0.117	0.000
6/28/2010	0.085	0.000
7/21/2010	0.040	0.000
8/18/2010	0.070	0.000
9/29/2010	0.030	0.000
10/18/2010	0.046	0.000
11/30/2010	0.058	0.000
12/29/2010	0.250	0.000
1/6/2011	0.138	0.000
1/20/2011	0.231	0.000
2/1/2011	0.230	0.000
2/14/2011	0.000	0.000
3/3/2011	0.000	0.000
3/22/2011	0.000	0.000
4/25/2011	0.000	0.000
5/27/2011	0.000	0.000
9/13/2011	0.000	0.000
10/20/2011	0.000	0.000
11/4/2011	0.000	0.000
12/23/2011	0.210	0.000
Total LPH Removed (gallons):	**3.909**	**0.010**

LPH removed for 2" casing well = (feet of product)(0.17 gallon/foot)
4" casing well = (feet of product)(0.67 gallon/foot)
6" casing well = (feet of product)(1.5 gallon/foot)

ARCADIS

Attachment A

Field Data Sheets and General Procedures

FIELD MONITORING DATA SHEET

Technician: Basilio Job #/Task #: 183487.0035.1647 Date: 1-12-12

Site # 0746 Project Manager A.F Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
RW-1	✓	0900	16.05	9.53	—	—	n/s	8"
MW-5	✓	0910	19.73	10.12	10.10	0.02	n/s	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

MANUAL PUMP/BAIL OUT SHEET

Site #: 0746 **Project #:** 183487.0035.1647 **Date:** 1-12-12

Technician: Bailin **Page #:** 1 **of** 1

Monitoring Data Before Pump/Bail Out

Well Number	MW-5
Depth to Product	10.10
Depth to Water	10.12
Total Depth of Well	19.73
Feet of Total Fluid in Well	9.63
Thickness of Product (ft.)	.02
Well Diameter (in.)	2
One Well Volume (gal.)	2

Pump/Bail One Well Volume

Water Recovered (gal.)	1.98
Product Recovered (gal.)	0.02

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge	5 Min
Comments:	

Monitoring Data Before Pump/Bail Out

Well Number	
Depth to Product	
Depth to Water	
Total Depth of Well	
Feet of Total Fluid in Well	
Thickness of Product (ft.)	
Well Diameter (in.)	
One Well Volume (gal.)	

Pump/Bail One Well Volume

Water Recovered (gal.)	
Product Recovered (gal.)	

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge	
Comments:	

Monitoring Data Before Pump/Bail Out

Well Number	
Depth to Product	
Depth to Water	
Total Depth of Well	
Feet of Total Fluid in Well	
Thickness of Product (ft.)	
Well Diameter (in.)	
One Well Volume (gal.)	

Pump/Bail One Well Volume

Water Recovered (gal.)	
Product Recovered (gal.)	

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge	
Comments:	

Monitoring Data Before Pump/Bail Out

Well Number	
Depth to Product	
Depth to Water	
Total Depth of Well	
Feet of Total Fluid in Well	
Thickness of Product (ft.)	
Well Diameter (in.)	
One Well Volume (gal.)	

Pump/Bail One Well Volume

Water Recovered (gal.)	
Product Recovered (gal.)	

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge	
Comments:	

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) Vac Truck ☐ 2) Properly Labeled Drums ☐ 3) Other ☐ ____________

TRC

TECHNICAL SERVICES REQUEST FORM
0746 Monthly LPH Recovery Events

Site ID:	0746	**Project #:**	183487.0035.1647 / 00TA01
Address:	3943 Broadway	**Client:**	Roya Kambin
City:	Oakland	**Client Contact #:**	925-790-6270
Cross Street:	40th Street	**PM:**	Kathy Brandt, ARCADIS
		PM Contact #:	510-596-9675

Number of Wells:	2	**Well Diameters (in.):**	2 - 8	**# of Techs, # of Hrs:**	1 , 2
Depth to Water (ft.):	9	**Max. Well Depth (ft.):**	19		

ACTIVITIES		FREQUENCY	NOTES
Gauging:	✓	Monthly	
Purge/Sampling:			
Drums:	✓		

NOTIFICATIONS:

Broadway 76: 510-655-7662

Station Owner: Clement Leung, 510-409-0768

SITE INFORMATION:

Check skimmer in MW-5 and RW-1.

Empty and record volume of product in each skimmer.

Bail product for wells (if any).

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: June 8, 2012

TO: Katherine Brandt
ARCADIS U.S., Inc.
1900 Powell Street, 12th Floor
Emeryville, California 94608

SITE: Unocal Site 0746
Facility 351647
3943 Broadway, Oakland, CA

RE: Transmittal of Groundwater Monitoring Data

Dear Ms. Brandt,

Please find attached the field data sheets, chain of custody (COC) forms, and technical services request (TSR) form for the monitoring event that was completed on June 1, 2012. Field measurements and collection of samples submitted to the laboratory were completed in general accordance with our usual groundwater monitoring protocol which is also attached for your reference.

Please call me at 949-727-7345 if you have questions.

Sincerely,

TRC

Christina Carrillo
Groundwater Program Coordinator

GENERAL FIELD PROCEDURES

Groundwater Gauging and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater gauging and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements (Gauging)

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Unless otherwise instructed, a well that is found to contain a measureable amount of LPH (0.01 foot) is not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps. The pump intake is initially set at about 5 feet below the level of water in the casing, and is lowered as needed to compensate for falling water level. Pump depths are recorded in Field Notes.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously, using a flow cell, until they become stable in general accordance with EPA guidelines.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

GENERAL FIELD PROCEDURES

Samples are collected by lowering a new, disposable polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

Sample containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well. If wells must be gauged or sampled out of order, alternate interface probes and/or pumps are utilized and are noted in field documentation.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging, and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liquinox and water and rinsing twice. The final rinse is in deionized water.

Purge Water Disposal

Purge water is generally collected in labeled drums for disposal as non-hazardous waste. Drums may be left on site for disposal by others, or transported to a collection location at a TRC field office, in either Fullerton, California or Concord, California, for eventual transfer to a licensed treatment or recycling facility. Alternatively, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: A. Vidaurs Job #/Task #: 189791.0035.1647 Date: 6/1/12

Site # 0746 Project Manager AF Page 1 of 2

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-4	✓	0538	19.73	9.92	—	—	0909	2"
MW-6	✓	0543	19.52	7.32	—	—	0721	2"
MW-1	✓	0548	19.56	7.63	—	—	0742	2"
MW-7	✓	0554	19.61	8.22	—	—	0934	2"
MW-2	✓	0609	19.76	9.19	—	—	0810	2"
MW-3	✓	0614	22.45	9.92	—	—	0900	2"
MW-8	—	—	—	—	—	—	N/S	No access
MW-9	—	—	—	—	—	—	N/S	↓

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

FIELD MONITORING DATA SHEET

Technician: Bailey Job #/Task #: 189791.2035.1647 Date: 6-1-12 BK

Site # 0746 Project Manager AF Page 2 of 2

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-10	✓	0851	21.68	12.65	—	—	0912	2 CAR Top of well
MW-12	✓	0542	17.56	10.13	—	—	0925	2
MW-11	✓	0958	19.10	14.50	—	—	1212	2 TRUCK Top of well.
MW-5	✓	0610	19.75	8.22	8.20	.02	N/S	2
RW-1	✓	0556	16.10	8.48	—	—	0940	6"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidmers

Site: 0746 Project No.: 18979.0035.1647 Date: 6/1/12

Well No. MW-1 Purge Method: Sub

Depth to Water (feet): 7.63 Depth to Product (feet): —

Total Depth (feet) 19.56 LPH & Water Recovered (gallons): —

Water Column (feet): 11.93 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.02 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0730			3	658.3	19.4	6.74			
			6	659.5	19.5	6.74			
	0736		9	660.4	19.6	6.74			

Static at Time Sampled	Total Gallons Purged	Sample Time
7.68	9	0742

Comments: Pump depth - 13ft.

Well No. MW-7 Purge Method: HB

Depth to Water (feet): 8.22 Depth to Product (feet): —

Total Depth (feet) 19.61 LPH & Water Recovered (gallons): —

Water Column (feet): 11.39 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.50 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0919			2	668.5	20.3	6.89			
			4	667.5	19.9	6.90			
	0928		6	665.4	19.8	6.89			

Static at Time Sampled	Total Gallons Purged	Sample Time
8.62	6	0934

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 0746 Project No.: 189791.0035.1647 Date: 6/1/12

Well No. MW-4 Purge Method: HB

Depth to Water (feet): 9.92 Depth to Product (feet): —

Total Depth (feet) 19.73 LPH & Water Recovered (gallons): —

Water Column (feet): 9.81 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.88 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0647			2	444.6	17.9	6.89			
			4	454.1	17.9	6.87			
	0658		6	463.2	17.9	6.87			

Static at Time Sampled	Total Gallons Purged	Sample Time
15.71	6	0909

Comments: Did not recover in 2 hours.

Well No. MW-6 Purge Method: Sub

Depth to Water (feet): 7.32 Depth to Product (feet): —

Total Depth (feet) 19.52 LPH & Water Recovered (gallons): —

Water Column (feet): 12.20 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.76 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0709			3	1095	19.5	6.65			
			6	1020	19.8	6.66			
	0715		9	980.1	19.8	6.65			

Static at Time Sampled	Total Gallons Purged	Sample Time
10.51	9	0721

Comments: Pump depth - 12 ft

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidvens

Site: 0746 Project No.: 189791.0035.1647 Date: 6/1/12

Well No. MW-2 Purge Method: Sub

Depth to Water (feet): 9.18 Depth to Product (feet): —

Total Depth (feet) 19.76 LPH & Water Recovered (gallons): —

Water Column (feet): 10.58 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.30 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0759			2	593.2	18.1	6.77			
			4	596.6	17.9	6.77			
	0804		6	594.2	17.8	6.77			

Static at Time Sampled	Total Gallons Purged	Sample Time
11.30	6	0810

Comments: Pump depth - 5ft. below DTW

Well No. MW-3 Purge Method: Sub

Depth to Water (feet): 9.92 Depth to Product (feet): —

Total Depth (feet) 22.45 LPH & Water Recovered (gallons): —

Water Column (feet): 12.53 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 12.43 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0844			3	669.5	18.9	6.65			
			6	635.9	18.9	6.71			
	0850		9	655.7	19.1	6.71			

Static at Time Sampled	Total Gallons Purged	Sample Time
11.34	9	0900

Comments: Pump depth - 5ft. below DTW

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Francis

Site: 0746 Project No.: 189791.0035.1647 Date: 5-31-12

Well No. MW-10 Purge Method: HB

Depth to Water (feet): 12.65 Depth to Product (feet): —

Total Depth (feet) 21.68 LPH & Water Recovered (gallons): —

Water Column (feet): 9.03 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 14.45 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0857			2	538.2	19.8	6.99			
			4	563.7	19.1	6.51			
	0907		6	571.4	18.9	6.36			

Static at Time Sampled	Total Gallons Purged	Sample Time
14.10	6	0912

Comments:

Well No. MW-11 Purge Method: HB

Depth to Water (feet): 14.50 Depth to Product (feet): —

Total Depth (feet) 19.10 LPH & Water Recovered (gallons): —

Water Column (feet): 5.40 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 14.78 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
1005			1	948.5	20.3	6.76			
			2	971.5	19.2	6.26			
	1012		3	980.6	19.2	6.16			

Static at Time Sampled	Total Gallons Purged	Sample Time
16.67	3	1212

Comments: Did not recover 2hrs.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Bailie

Site: 0746 Project No.: 189791.0035.1647 Date: 6-1-12

Well No. MW-12 Purge Method: HB

Depth to Water (feet): 10.13 Depth to Product (feet): —

Total Depth (feet) 17.56 LPH & Water Recovered (gallons): —

Water Column (feet): 7.43 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.61 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, (C))	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0649			2	724.7	18.4	6.74			
			4	749.0	18.4	6.50			
	0658		6	781.5	18.3	6.40			

Static at Time Sampled	Total Gallons Purged	Sample Time
12-20	6	0925

Comments: Did not recover 2hrs.

Well No. RW-1 Purge Method: SUB

Depth to Water (feet): 8.48 Depth to Product (feet): —

Total Depth (feet) 16.10 LPH & Water Recovered (gallons): —

Water Column (feet): 7.62 Casing Diameter (Inches): 6

80% Recharge Depth(feet): 10.00 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, (C))	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0712	0724		12	315.3	17.4	6.81			
0740	0754		24	322.4	19.2	6.30			
0810	0817		36	328.1	19.1	6.27			

Static at Time Sampled	Total Gallons Purged	Sample Time
9.80	36	0940

Comments: Dry at 18 Gls. Dry at 29 Gls.; Recovers

TRC

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 6/1/12 SITE ID: 0746

TECH: A. Vickers CALLED SUPERVISOR: (YES) / NO

CALLED PM: YES / NO NAME OF PM: _____

WELL ID: MW-8, MW-9

No access agreement

WELL ID: _____

WELL ID: _____

TRC

MANUAL PUMP/BAIL OUT SHEET

Site #: 0746 **Project #:** 189791/0035 1647 **Date:** 6-1-12

Technician: Basilio **Page #:** 1 **of** 1

Monitoring Data Before Pump/Bail Out

Well Number: MW-5
Depth to Product: 8.20
Depth to Water: 8.22
Total Depth of Well: 19.10
Feet of Total Fluid in Well: 11.30
Thickness of Product (ft.): .02
Well Diameter (in.): 2
One Well Volume (gal.): 2

Pump/Bail One Well Volume

Water Recovered (gal.): 1.98
Product Recovered (gal.): .02
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge: 5 min
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge:
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge:
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge:
Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) Vac Truck ☐ 2) Properly Labeled Drums ☐ 3) Other ☐ ______

TRC

WELL BOX CONDITION REPORT

SITE NO. 0746

ADDRESS 3943 Broadway Oakland, CA

DATE 6/1/12

PERFOMED BY: A. Vidales

Well Name	Current Well Box Size	# of Ears	# of Stripped Ears	# of Broken Ears	# of Broken Bolts	# of Missing Bolts	Seal Damaged	Missing Lid	Broken Lid	Well Box Is Exposed	Well Box Is Below Grade	Unable to Access	Unable to Locate	Foundation Damaged	Paved Over	Street Well	Saw Cut Needed	System Well	USA Marked Well	Comments
MW-6	12"	2																		ok
MW-8												X								
MW-9												X								
MW-1	12"	2																		ok
MW-7	12"	2																		ok
MW-2	12"	2																		ok
MW-3	12"	2			1															~~ok~~ AV
MW-4	12"	2																		ok

TRC

WELL BOX CONDITION REPORT

SITE NO. 0746

ADDRESS 3943 Broadway

DATE 6-1-12

PERFOMED BY: Bailie

Well Name	Current Well Box Size	# of Ears	# of Stripped Ears	# of Broken Ears	# of Broken Bolts	# of Missing Bolts	Seal Damaged	Missing Lid	Broken Lid	Well Box is Exposed	Well Box is Below Grade	Unable to Access	Unable to Locate	Foundation Damaged	Paved Over	Street Well	Saw Cut Needed	System Well	USA Marked Well	Comments
MW-10	8"	2	1																	
MW-12	8"	3		2																
MW 11	8"	2	1																	
MW 5	12"	2																		
RW-1	18"	3																		

TRC

CHAIN OF CUSTODY FORM

Union Oil Company of California ■ 6101 Bollinger Canyon Road ■ San Ramon, CA 94583

COC 1 of 1

Union Oil Site ID: 0746	Union Oil Consultant: Arcadis
Site Global ID: T0600101471	Consultant Contact: Kathy Brandt
Site Address: 2943 Broadway Oakland, CA	Consultant Phone No.: 510 596 9675
	Sampling Company: TRC
Union Oil PM: Roya Kambin	Sampled By (PRINT): Andrew Lidmars
Union Oil PM Phone No.: 925 790 6270	Sampler Signature: [signature]
Charge Code: NWRTB- 0 351047 -0- LAB	**BC Laboratories, Inc.** **Project Manager: Molly Meyers** 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

ANALYSES REQUIRED

Turnaround Time (TAT): Standard ☒ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐

Special Instructions: Run 8 OXYs by 8260 on all 8260 MTBE hits.

SAMPLE ID

Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers
MW-1	(W)-S-A		120601	0742	6
MW-2	W-S-A		↓	0816	↓
MW-3	W-S-A		↓	0900	↓
MW-4	W-S-A		↓	0909	↓
MW-6	W-S-A		↓	0721	↓
MW-7	W-S-A		↓	0934	↓
MW-10	W-S-A		↓	0912	↓
MW-11	W-S-A		↓	1212	↓
MW-12	W-S-A		↓	1025	↓
RW-1	W-S-A		↓	[illegible]	↓
	W-S-A				
	W-S-A				

Field Point Name	TPH - Diesel by EPA 8015	TPH - G by ~~GC/MS~~ 8015B (C6-C12)	BTEX/MTBE/~~OXYS~~ by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	EDB/EDC by 8260B							Notes / Comments
MW-1		X	X	X		X							
MW-2		↓	↓	↓		↓							
MW-3		↓	↓	↓		↓							
MW-4		↓	↓	↓		↓							
MW-6		↓	↓	↓		↓							
MW-7		↓	↓	↓		↓							
MW-10		↓	↓	↓		↓							
MW-11		↓	↓	↓		↓							
MW-12		↓	↓	↓		↓							
RW-1		↓	↓	↓		↓							

Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time :	Relinquished By	Company	Date / Time:
[signature]	TRC	6/1/12 1415						
Received By	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time :**	**Received By**	**Company**	**Date / Time:**
[signature]	BC Lab	6-1-12 1415						

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

21-May-12

Site ID:	0746	**Project No.:**	189791.0035.1647 / 00TA01
Address	3943 Broadway	**Client:**	Roya Kambin
City:	Oakland	**Contact #:**	925-790-6270
Cross Street:	40th Street	**PM:**	Kathy Brandt Arcadis
		PM Contact #:	510-596-9675

Total number of wells:	13	**Min. Well Diameter (in.):**	2	**# of Techs, # of Hrs:**	2, 5
Depth to Water (ft.):	7	**Max. Well Diameter (in.):**	6	**Travel Time (hrs):**	
		Max. Well Depth (ft):	22	**Hotel PO#:**	

ACTIVITIES:		Frequency	Notes
Gauging:	☑	Semi Q2/Q4	
Purge/Sampling:	☑	Semi Q2/Q4	
No Purge/Sample	☐		

RELATED ACTIVITIES		Note
Drums:	☑	
Other Activities:	☑	No parking signs
Traffic Control:	☐	

PERMIT INFORMATION:

Post no parking signs at least 48 hours before event.

NOTIFICATIONS:

Broadway 76: 510-655-7662

MW-11: Oakland Masonic Temple, 510-653-3353

Red Cross on Broadway. Need to call to make sure the blood mobiles are not parked over the wells: 510-595-4400

Ohgane Korean BBQ: (510) 594-8300. MW-8 & MW-9 are on restaurant property. Restaurant does not open until 10:00am.
********** 4Q11 Check w/ PM if we have access to these wells **********

SITE INFORMATION:

Do not gauge/sample MW-8, MW-9. No access agreement.

Check skimmer in MW-5 and bail product (if any)

MW-11 is located in the Red Cross parking lot. They open at 8:30am.

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

21-May-12

Site ID:	0746	**Project No.:**	189791.0035.1647 / 00TA01
Address	3943 Broadway	**Client:**	Roya Kambin
City:	Oakland	**Contact #:**	925-790-6270
Cross Street:	40th Street	**PM:**	Kathy Brandt Arcadis
		PM Contact #:	510-596-9675

LAB INFORMATION:

Global ID: T0600101471

Lab WO: 351647

Lab Used: BC

Lab Notes: Lab Analyses:
TPH-G by 8015B (C6 - C12), BTEX/MTBE by 8260B, Ethanol by 8260B, EDB/EDC by 8260B [Containers: 6 voas w/HCl]

Note on COC "Run 8 OXYS by 8260 on all 8260 MTBE hits."

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

21-May-12

Site ID.: 0746
Address 3943 Broadway
City: Oakland
Cross Street 40th Street

Well IDs	Benz.	MTBE	Gauging Q1	Gauging Q2	Gauging Q3	Gauging Q4	Sampling Q1	Sampling Q2	Sampling Q3	Sampling Q4	Field Measurements Pre-Purge	Field Measurements Post-Purge	Field Measurements Type	Comments
MW-9	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-5	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing/ Inside trash enclosure
MW-4	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-12	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-11	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-10	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-6	0	2	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-8	0	2.7	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-1	0	4.2	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-7	0	4.5	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-2	0	7.9	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
MW-3	11	9.3	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		2" casing
RW-1	240	0	☐	☑	☐	☑	☐	☑	☐	☑	☐	☐		6" casing

ARCADIS

Attachment B

Historical Groundwater Results from TRC

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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														
11/1/1989	--	--	--	--	--	ND	--	ND	ND	ND	0.3	--	--	
2/15/1990	--	--	--	--	--	170	--	7.9	ND	2.2	2.8	--	--	
8/16/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/7/1990	--	--	--	--	--	45	--	ND	ND	ND	ND	--	--	
2/25/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	0.75	ND	ND	ND	--	--	
12/21/1992	81.07	8.12	0	72.95	--	--	--	--	--	--	--	--	--	
1/30/1993	81.07	7.63	0	73.44	0.49	--	--	--	--	--	--	--	--	
2/24/1993	81.07	7.16	0	73.91	0.47	1100	--	280	4.9	120	140	--	--	
3/22/1993	81.07	6.26	0	74.81	0.90	--	--	--	--	--	--	--	--	
4/28/1993	81.07	7.91	0	73.16	-1.65	--	--	--	--	--	--	--	--	
5/25/1993	81.07	7.87	0	73.20	0.04	260	--	27	4.9	2.6	54	--	--	
6/23/1993	80.54	7.66	0	72.88	-0.32	--	--	--	--	--	--	--	--	
7/22/1993	80.54	7.87	0	72.67	-0.21	--	--	--	--	--	--	--	--	
8/25/1993	80.54	8.00	0	72.54	-0.13	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	80.54	8.10	0	72.44	-0.10	--	--	--	--	--	--	--	--	
10/28/1993	80.54	8.15	0	72.39	-0.05	--	--	--	--	--	--	--	--	
11/30/1993	80.54	7.65	0	72.89	0.50	--	--	--	--	--	--	--	--	Sampled semi-annually
2/16/1994	80.54	7.46	0	73.08	0.19	ND	--	0.84	ND	ND	0.59	--	--	
5/31/1994	80.54	7.80	0	72.74	-0.34	--	--	--	--	--	--	--	--	
8/31/1994	80.54	8.27	0	72.27	-0.47	ND	--	ND	0.98	ND	0.84	--	--	
9/27/1994	80.54	8.37	0	72.17	-0.10	--	--	--	--	--	--	--	--	
10/11/1994	80.54	8.36	0	72.18	0.01	--	--	--	--	--	--	--	--	
11/10/1994	80.54	6.43	0	74.11	1.93	--	--	--	--	--	--	--	--	
2/7/1995	80.54	7.06	0	73.48	-0.63	6100	--	670	ND	120	60	--	--	
5/3/1995	80.54	6.85	0	73.69	0.21	260	--	21	39	17	24	--	--	
8/3/1995	80.54	7.69	0	72.85	-0.84	--	--	--	--	--	--	--	--	
11/7/1995	80.54	8.15	0	72.39	-0.46	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	80.54	7.40	0	73.14	0.75	170	--	1.0	20	2.3	17	55	--	
11/5/1996	80.54	7.90	0	72.64	-0.50	ND	--	ND	ND	ND	ND	5.2	--	
5/15/1997	80.54	7.77	0	72.77	0.13	ND	--	ND	ND	ND	ND	16	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
11/12/1997	80.54	7.48	0	73.06	0.29	ND	--	ND	ND	ND	ND	11	--	
5/4/1998	80.54	7.39	0	73.15	0.09	ND	--	ND	ND	ND	ND	320	--	
11/11/1998	80.54	7.37	0	73.17	0.02	ND	--	ND	ND	ND	ND	200	--	
5/20/1999	80.54	7.41	0	73.13	-0.04	ND	--	ND	ND	ND	ND	89	47	
11/15/1999	80.54	7.84	0	72.70	-0.43	ND	--	ND	ND	ND	ND	8.12	7.19	
5/22/2000	80.54	7.53	0	73.01	0.31	ND	--	0.89	ND	ND	ND	220	290	
11/22/2000	80.54	7.35	0	73.19	0.18	ND	--	ND	ND	ND	ND	105	142	
5/15/2001	80.54	7.48	0	73.06	-0.13	345	--	ND	3.41	2.77	25.2	178	374	
11/23/2001	80.54	7.57	0	72.97	-0.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	350	350	
5/24/2002	80.54	7.10	0	73.44	0.47	70	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	240	
11/29/2002	80.54	7.96	0	72.58	-0.86	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	330	
5/15/2003	80.54	7.22	0	73.32	0.74	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	210	
11/4/2003	80.54	7.94	0	72.60	-0.72	--	120	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	140	
5/24/2004	80.54	7.54	0	73.00	0.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	26	
11/29/2004	80.54	7.27	0	73.27	0.27	--	58	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	44	
6/24/2005	80.54	7.06	0	73.48	0.21	--	87	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
12/15/2005	80.54	7.35	0	73.19	-0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	32	
6/14/2006	80.54	7.06	0	73.48	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	44	
12/21/2006	80.54	7.12	0	73.42	-0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	16	
6/28/2007	80.54	7.79	0	72.75	-0.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	5.6	
12/13/2007	80.54	7.94	0	72.60	-0.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
6/9/2008	80.54	8.00	0	72.54	-0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
12/30/2008	80.54	7.51	0	73.03	0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
9/28/2009	80.54	8.10	0	72.44	-0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.98	
12/15/2009	80.54	7.32	0	73.22	0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2010	80.54	7.80	0	72.74	-0.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.1	
12/29/2010	80.54	6.22	0	74.32	1.58	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
MW-2														
11/1/1989	--	--	--	--	--	200	--	ND	ND	3.0	1.2	--	--	
2/15/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/16/1990	--	--	--	--	--	ND	--	ND	6.7	ND	ND	--	--	
11/7/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	--	--	--	--	--	ND	--	0.68	0.42	ND	0.86	--	--	
5/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/6/1992	--	--	--	--	--	ND	--	0.36	0.66	ND	0.62	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	510	--	ND	ND	ND	ND	--	--	
12/21/1992	81.62	9.14	0	72.48	--	--	--	--	--	--	--	--	--	
1/30/1993	81.62	8.99	0	72.63	0.15	--	--	--	--	--	--	--	--	
2/24/1993	81.62	8.03	0	73.59	0.96	11000J	--	ND	ND	ND	ND	--	--	
3/22/1993	81.62	9.50	0	72.12	-1.47	--	--	--	--	--	--	--	--	
4/28/1993	81.62	8.87	0	72.75	0.63	--	--	--	--	--	--	--	--	
5/25/1993	81.62	9.04	0	72.58	-0.17	1300J	--	ND	ND	ND	ND	2700	--	
6/23/1993	81.32	9.17	0	72.15	-0.43	--	--	--	--	--	--	--	--	
7/22/1993	81.32	9.42	0	71.90	-0.25	--	--	--	--	--	--	--	--	
8/25/1993	81.32	9.53	0	71.79	-0.11	190J	--	ND	ND	ND	ND	--	--	
9/22/1993	81.32	9.67	0	71.65	-0.14	--	--	--	--	--	--	--	--	
10/28/1993	81.32	9.65	0	71.67	0.02	--	--	--	--	--	--	--	--	
11/30/1993	81.32	9.18	0	72.14	0.47	480J	--	ND	ND	ND	ND	--	--	
2/16/1994	81.32	8.91	0	72.41	0.27	3200J	--	ND	ND	ND	ND	--	--	
5/31/1994	81.32	9.36	0	71.96	-0.45	1100J	--	ND	ND	ND	ND	--	--	
8/31/1994	81.32	9.85	0	71.47	-0.49	310J	--	ND	ND	ND	ND	--	--	
9/27/1994	81.32	9.95	0	71.37	-0.10	--	--	--	--	--	--	--	--	
11/10/1994	81.32	7.47	0	73.85	2.48	95J	--	ND	ND	ND	ND	--	--	
2/7/1995	81.32	8.29	0	73.03	-0.82	1600J	--	ND	ND	ND	ND	--	--	
5/3/1995	81.32	8.12	0	73.20	0.17	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	81.32	9.35	0	71.97	-1.23	ND	--	ND	ND	ND	ND	--	--	
8/19/1995	81.32	--	0	--	--	--	--	--	--	--	--	--	--	
10/11/1995	81.32	9.95	0	71.37	--	--	--	--	--	--	--	--	--	
11/7/1995	81.32	9.65	0	71.67	0.30	ND	--	ND	ND	ND	ND	160	--	
5/6/1996	81.32	8.90	0	72.42	0.75	--	--	--	--	--	--	--	--	Sampling discontinued
11/5/1996	81.32	10.98	0	70.34	-2.08	--	--	--	--	--	--	--	--	
5/15/1997	81.32	9.13	0	72.19	1.85	--	--	--	--	--	--	--	--	
11/12/1997	81.32	9.84	0	71.48	-0.71	--	--	--	--	--	--	--	--	
5/4/1998	81.32	9.26	0	72.06	0.58	--	--	--	--	--	--	--	--	
11/11/1998	81.32	8.88	0	72.44	0.38	--	--	--	--	--	--	--	--	
5/20/1999	81.32	8.68	0	72.64	0.20	--	--	--	--	--	--	--	--	
11/15/1999	81.32	8.91	0	72.41	-0.23	--	--	--	--	--	--	--	--	
5/22/2000	81.32	8.61	0	72.71	0.30	--	--	--	--	--	--	--	--	
11/22/2000	81.32	8.64	0	72.68	-0.03	--	--	--	--	--	--	--	--	
5/15/2001	81.32	8.73	0	72.59	-0.09	--	--	--	--	--	--	--	--	
11/23/2001	81.32	8.61	0	72.71	0.12	--	--	--	--	--	--	--	--	
5/24/2002	81.32	8.03	0	73.29	0.58	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
11/29/2002	81.32	8.79	0	72.53	-0.76	--	--	--	--	--	--	--	--	
5/15/2003	81.32	8.21	0	73.11	0.58	--	--	--	--	--	--	--	--	
11/4/2003	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts
5/24/2004	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts
11/29/2004	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts
6/24/2005	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts
12/15/2005	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts
6/14/2006	81.32	8.56	0	72.76	--	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	190	
12/21/2006	81.32	8.38	0	72.94	0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	32	
6/28/2007	81.32	9.23	0	72.09	-0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.3	
12/13/2007	81.32	9.10	0	72.22	0.13	--	ND<50	ND<0.50	1.1	ND<0.50	1.4	--	10	
6/9/2008	81.32	10.01	0	71.31	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	
12/30/2008	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate due to debris
9/28/2009	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts
12/15/2009	81.32	8.93	0	72.39	--	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.9	
6/28/2010	81.32	9.65	0	71.67	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
12/29/2010	81.32	7.91	0	73.41	1.74	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.1	
MW-3														
11/1/1989	--	--	--	--	--	13000	--	57	48	1.7	120	--	--	
2/15/1990	--	--	--	--	--	20000	--	1700	2100	750	3100	--	--	
8/16/1990	--	--	--	--	--	6800	--	600	660	760	160	--	--	
11/7/1990	--	--	--	--	--	42000	--	1400	5000	1800	7500	--	--	
2/25/1991	--	--	--	--	--	37000	--	730	2900	1300	7300	--	--	
5/28/1991	--	--	--	--	--	24000	--	570	1100	810	4200	--	--	
8/28/1991	--	--	--	--	--	16000	--	650	2200	1100	5400	--	--	
11/19/1991	--	--	--	--	--	22000	--	250	440	660	3000	--	--	
2/6/1992	--	--	--	--	--	24000	--	600	1800	1200	5800	--	--	
5/23/1992	--	--	--	--	--	25000	--	300	130	880	4900	--	--	
8/26/1992	--	--	--	--	--	20000	--	690	1900	1300	5700	--	--	
11/20/1992	--	--	--	--	--	1100000	--	1800	6400	3000	15000	--	--	
12/4/1992	82.01	10.30	0	71.71	--	--	--	--	--	--	--	--	--	
12/21/1992	82.01	9.78	0	72.23	0.52	--	--	--	--	--	--	--	--	Trace
1/9/1993	82.01	8.55	0	73.46	1.23	--	--	--	--	--	--	--	--	
1/30/1993	82.01	8.90	0	73.11	-0.35	--	--	--	--	--	--	--	--	
2/10/1993	82.01	9.01	0.01	73.01	-0.10	--	--	--	--	--	--	--	--	LPH in well
2/24/1993	82.01	8.26	0.01	73.76	0.75	--	--	--	--	--	--	--	--	LPH in well
3/9/1993	82.01	9.18	0.02	72.85	-0.91	--	--	--	--	--	--	--	--	LPH in well
3/22/1993	82.01	8.81	0.02	73.22	0.37	--	--	--	--	--	--	--	--	LPH in well

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
4/8/1993	82.01	9.14	0.02	72.89	-0.33	--	--	--	--	--	--	--	--	LPH in well
4/28/1993	82.01	9.44	0.03	72.59	-0.29	--	--	--	--	--	--	--	--	LPH in well
5/12/1993	82.01	9.57	0.03	72.46	-0.13	--	--	--	--	--	--	--	--	LPH in well
5/25/1993	82.01	9.45	0.03	72.58	0.12	--	--	--	--	--	--	--	--	LPH in well
6/7/1993	81.41	8.94	0	72.47	-0.11	--	--	--	--	--	--	--	--	
6/23/1993	81.41	9.20	0.02	72.23	-0.24	--	--	--	--	--	--	--	--	LPH in well
7/8/1993	81.41	9.31	0.03	72.12	-0.10	--	--	--	--	--	--	--	--	LPH in well
7/22/1993	81.41	9.47	0	71.94	-0.18	--	--	--	--	--	--	--	--	
8/11/1993	81.41	9.59	0	71.82	-0.12	--	--	--	--	--	--	--	--	
8/25/1993	81.41	9.67	0.03	71.76	-0.06	--	--	--	--	--	--	--	--	LPH in well
9/8/1993	81.41	10.34	0	71.07	-0.69	--	--	--	--	--	--	--	--	
9/22/1993	81.41	9.84	0.02	71.59	0.51	--	--	--	--	--	--	--	--	LPH in well
10/7/1993	81.41	9.87	0	71.54	-0.05	--	--	--	--	--	--	--	--	
10/28/1993	81.41	10.03	0	71.38	-0.16	--	--	--	--	--	--	--	--	
11/12/1993	81.41	9.76	0	71.65	0.27	--	--	--	--	--	--	--	--	
11/30/1993	81.41	9.66	0.02	71.76	0.11	--	--	--	--	--	--	--	--	LPH in well
2/16/1994	81.41	8.87	0	72.54	0.78	57000	--	910	2500	2100	9000	--	--	Sheen
5/31/1994	81.41	9.48	0	71.93	-0.61	39000	--	670	630	1500	6200	--	--	
8/31/1994	81.41	10.08	0	71.33	-0.60	44000	--	500	240	1400	5700	--	--	
9/24/1994	81.41	10.22	0	71.19	-0.14	--	--	--	--	--	--	--	--	
10/11/1994	81.41	10.41	0.01	71.01	-0.18	--	--	--	--	--	--	--	--	LPH in well
11/10/1994	81.41	7.47	0	73.94	2.93	86000	--	3300	3800	1800	8300	--	--	Sheen
2/7/1995	81.41	8.05	0	73.36	-0.58	45000	--	1400	1300	1500	5600	--	--	
3/14/1995	81.41	7.05	0	74.36	1.00	--	--	--	--	--	--	--	--	
5/3/1995	81.41	7.91	0	73.50	-0.86	26000	--	740	990	1100	4400	--	--	
8/3/1995	81.41	9.28	0	72.13	-1.37	18000	--	59	ND	530	1900	--	--	
8/19/1995	81.41	--	0	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.41	10.79	0	70.62	--	17000	--	110	26	400	1500	880	--	
5/6/1996	81.41	9.44	0	71.97	1.35	5100	--	48	ND	87	210	370	--	Sheen
11/5/1996	81.41	10.64	0	70.77	-1.20	35000	--	2200	ND	1200	2800	460	--	
5/15/1997	81.41	9.61	0	71.80	1.03	2400	--	110	ND	ND	140	100	--	
11/12/1997	81.41	9.18	0	72.23	0.43	29000	--	2000	ND	1800	3000	ND	--	
5/4/1998	81.41	9.50	0	71.91	-0.32	8200	--	430	ND	310	320	ND	--	
11/11/1998	81.41	9.25	0	72.16	0.25	8700	--	500	ND	330	310	ND	--	
5/20/1999	81.41	8.95	0	72.46	0.30	4300	--	250	ND	ND	86	ND	--	
11/15/1999	81.41	10.35	0	71.06	-1.40	6720	--	326	ND	398	226	120	45.1	
5/22/2000	81.41	9.14	0	72.27	1.21	4000	--	99	4.5	190	75	100	94	
11/22/2000	81.41	9.33	0	72.08	-0.19	6130	--	93.7	6.71	174	47.8	212	131	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
5/15/2001	81.41	9.25	0	72.16	0.08	4490	--	229	7.09	160	31.6	97.1	75.5	
11/23/2001	81.41	9.12	0	72.29	0.13	3500	--	41	ND<5.0	120	8.0	320	390	
5/24/2002	81.41	8.58	0	72.83	0.54	4000	--	86	6.0	120	5.8	120	73	
11/29/2002	81.41	9.81	0	71.60	-1.23	5300	--	ND<25	ND<25	65	ND<50	--	340	
5/15/2003	81.41	8.76	0	72.65	1.05	5600	--	ND<5.0	ND<5.0	81	ND<10	--	440	
11/4/2003	81.41	9.90	0	71.51	-1.14	--	13000	ND<20	ND<20	72	56	--	530	
5/24/2004	81.41	9.29	0	72.12	0.61	--	10000	14	ND<10	81	ND<20	--	1200	
11/29/2004	81.41	9.15	0	72.26	0.14	--	9000	5.9	ND<5.0	45	ND<10	--	550	
6/24/2005	81.41	8.65	0	72.76	0.50	--	5600	31	4.1	97	220	--	400	
12/15/2005	81.41	9.27	0	72.14	-0.62	--	6800	81	45	110	220	--	280	
6/14/2006	81.41	8.73	0	72.68	0.54	--	10000	38	ND<2.5	130	170	--	160	
12/21/2006	81.41	8.95	0	72.46	-0.22	--	6600	36	ND<2.5	150	120	--	96	
6/28/2007	81.41	10.01	0	71.40	-1.06	--	6700	33	ND<0.50	70	24	--	75	
12/13/2007	81.41	10.22	0	71.19	-0.21	--	4000	20	ND<1.0	51	19	--	27	
6/9/2008	81.41	10.25	0	71.16	-0.03	--	9700	190	ND<2.5	170	48	--	19	
12/30/2008	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate due to debris
9/28/2009	81.41	10.15	0	71.26	--	--	6200	39	ND<2.5	170	12	--	18	
12/15/2009	81.41	9.18	0	72.23	0.97	--	3300	9.1	ND<2.5	47	5.6	--	13	
6/28/2010	81.41	9.82	0	71.59	-0.64	--	10000	13	ND<0.50	92	14	--	17	
12/29/2010	81.41	7.84	0	73.57	1.98	--	3900	16	ND<0.50	36	5.2	--	28	
MW-4														
2/15/1990	--	--	--	--	--	150	--	8.0	8.0	10	45	--	--	
8/16/1990	--	--	--	--	--	3600	--	480	17	230	260	--	--	
11/7/1990	--	--	--	--	--	180	--	1.5	0.37	6.3	26	--	--	
2/25/1991	--	--	--	--	--	22000	--	600	1300	780	2800	--	--	
5/28/1991	--	--	--	--	--	38	--	ND	ND	ND	1.9	--	--	
8/28/1991	--	--	--	--	--	2000	--	1500	20	120	300	--	--	
11/19/1991	--	--	--	--	--	55	--	9.2	4.5	1.4	6.7	--	--	
2/6/1992	--	--	--	--	--	5700	--	2200	140	57	980	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	120	--	86	0.52	0.57	1.6	--	--	
11/20/1992	--	--	--	--	--	ND	--	6.2	ND	1.2	0.52	--	--	
1/30/1993	81.48	8.35	0	73.13	--	--	--	--	--	--	--	--	--	
2/24/1993	81.48	8.17	0	73.31	0.18	140	--	12	0.64	9.4	3.7	--	--	
3/22/1993	81.48	8.12	0	73.36	0.05	--	--	--	--	--	--	--	--	
4/28/1993	81.48	9.36	0	72.12	-1.24	--	--	--	--	--	--	--	--	
5/25/1993	81.48	8.75	0	72.73	0.61	74	--	10	ND	4.6	1.8	--	--	
6/23/1993	81.29	8.90	0	72.39	-0.34	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
7/22/1993	81.29	9.26	0	72.03	-0.36	--	--	--	--	--	--	--	--	
8/25/1993	81.29	9.45	0	71.84	-0.19	640	--	100	1.1	100	22	--	--	
9/22/1993	81.29	9.63	0	71.66	-0.18	--	--	--	--	--	--	--	--	
10/28/1993	81.29	9.62	0	71.67	0.01	--	--	--	--	--	--	--	--	
11/30/1993	81.29	9.40	0	71.89	0.22	200	--	28	ND	17	8.1	--	--	
12/21/1993	81.48	9.10	0	72.38	0.49	--	--	--	--	--	--	--	--	
2/16/1994	81.29	9.21	0	72.08	-0.30	190	--	11	0.98	21	6.6	--	--	
5/31/1994	81.29	9.11	0	72.18	0.10	1100	--	190	ND	100	58	--	--	
8/31/1994	81.29	10.01	0	71.28	-0.90	400	--	17	0.94	14	5.2	--	--	
9/27/1994	81.29	10.09	0	71.20	-0.08	--	--	--	--	--	--	--	--	
10/11/1994	81.29	11.50	0	69.79	-1.41	--	--	--	--	--	--	--	--	
11/10/1994	81.29	9.21	0	72.08	2.29	7700	--	1800	280	460	1300	--	--	
2/7/1995	81.29	7.66	0	73.63	1.55	540	--	47	ND	17	2.5	--	--	
5/3/1995	81.29	8.29	0	73.00	-0.63	160	--	8.3	0.52	1.5	3.7	--	--	
8/3/1995	81.29	8.60	0	72.69	-0.31	57	--	2.0	ND	ND	ND	--	--	
8/19/1995	81.29	--	0	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.29	10.28	0	71.01	--	ND	--	0.71	ND	ND	ND	0.86	--	
5/6/1996	81.29	8.70	0	72.59	1.58	1200	--	12	11	15	36	ND	--	
11/5/1996	81.29	10.00	0	71.29	-1.30	700	--	32	0.71	1.8	1.3	6.5	--	
5/15/1997	81.29	9.37	0	71.92	0.63	51	--	ND	ND	ND	ND	ND	--	
11/12/1997	81.29	8.92	0	72.37	0.45	74	--	1.7	ND	ND	ND	ND	--	
5/4/1998	81.29	9.48	0	71.81	-0.56	ND	--	ND	ND	ND	ND	ND	--	
11/11/1998	81.29	9.13	0	72.16	0.35	ND	--	0.63	ND	ND	ND	ND	--	
5/20/1999	81.29	8.41	0	72.88	0.72	ND	--	ND	ND	ND	ND	ND	--	
11/15/1999	81.29	9.68	0	71.61	-1.27	ND	--	ND	ND	ND	ND	ND	--	
5/22/2000	81.29	8.60	0	72.69	1.08	ND	--	ND	ND	ND	ND	ND	--	
11/22/2000	81.29	8.91	0	72.38	-0.31	ND	--	ND	ND	ND	ND	ND	--	
5/15/2001	81.29	8.66	0	72.63	0.25	ND	--	ND	1.10	ND	1.16	ND	--	
11/23/2001	81.29	8.84	0	72.45	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
5/24/2002	81.29	7.93	0	73.36	0.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.6	3.5	
11/29/2002	81.29	9.34	0	71.95	-1.41	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.6	
5/15/2003	81.29	7.87	0	73.42	1.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	81.48	9.45	0	72.03	-1.39	--	61	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.48	8.49	0	72.99	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/29/2004	81.48	9.01	0	72.47	-0.52	--	120	ND<0.50	ND<0.50	0.52	ND<1.0	--	0.55	
6/24/2005	81.48	7.81	0	73.67	1.20	--	90	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2005	81.48	8.73	0	72.75	-0.92	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
6/14/2006	81.48	7.43	0	74.05	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
12/21/2006	--	7.04	0	--	--	--	62	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.67	Casing elevation modified on 6/21/2006
6/28/2007	--	11.49	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.61	
12/13/2007	--	11.79	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.62	
6/9/2008	--	12.24	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.99	
12/30/2008	--	9.34	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
9/28/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
12/15/2009	--	10.22	0	--	--	--	1800	4.4	ND<0.50	8.5	ND<1.0	--	4.0	
6/28/2010	--	11.74	0	--	--	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
12/29/2010	--	9.33	0	--	--	--	5300	0.72	0.55	35	ND<1.0	--	0.78	
MW-5														
2/15/1990	--	--	--	--	--	24000	--	1500	1700	260	3600	--	--	
8/16/1990	--	--	--	--	--	16000	--	1400	1900	2800	660	--	--	
11/7/1990	--	--	--	--	--	20000	--	640	1100	670	3000	--	--	
2/25/1991	--	--	--	--	--	25000	--	950	1300	900	3500	--	--	
5/28/1991	--	--	--	--	--	24000	--	2300	3400	1300	6000	--	--	
8/28/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/19/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/6/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/23/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
8/26/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
12/4/1992	81.59	10.03	0.08	71.62	--	--	--	--	--	--	--	--	--	
12/21/1992	81.59	9.50	0.01	72.10	0.48	--	--	--	--	--	--	--	--	
1/9/1993	81.59	8.22	0	73.37	1.27	--	--	--	--	--	--	--	--	
1/30/1993	81.59	8.58	0	73.01	-0.36	--	--	--	--	--	--	--	--	Trace
2/10/1993	81.59	8.68	0	72.91	-0.10	--	--	--	--	--	--	--	--	Trace
2/24/1993	81.59	7.91	0.01	73.69	0.78	--	--	--	--	--	--	--	--	LPH in well
3/9/1993	81.59	8.87	0.01	72.73	-0.96	--	--	--	--	--	--	--	--	LPH in well
3/22/1993	81.59	8.46	0.01	73.14	0.41	--	--	--	--	--	--	--	--	LPH in well
4/8/1993	81.59	8.84	0.01	72.76	-0.38	--	--	--	--	--	--	--	--	LPH in well
4/28/1993	81.59	9.14	0.02	72.46	-0.29	--	--	--	--	--	--	--	--	LPH in well
5/12/1993	81.59	9.28	0.02	72.32	-0.14	--	--	--	--	--	--	--	--	LPH in well
5/25/1993	81.59	9.63	0.13	72.06	-0.27	--	--	--	--	--	--	--	--	LPH in well
6/7/1993	81.38	9.75	0.01	71.64	-0.42	--	--	--	--	--	--	--	--	LPH in well
6/23/1993	81.38	9.32	0.03	72.08	0.44	--	--	--	--	--	--	--	--	LPH in well
7/8/1993	81.38	9.48	0.04	71.93	-0.15	--	--	--	--	--	--	--	--	LPH in well
7/22/1993	81.38	9.73	0.16	71.77	-0.16	--	--	--	--	--	--	--	--	LPH in well
8/11/1993	81.38	9.84	0.04	71.57	-0.20	--	--	--	--	--	--	--	--	LPH in well

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
8/25/1993	81.38	9.81	0.02	71.58	0.02	--	--	--	--	--	--	--	--	LPH in well
9/8/1993	81.38	10.09	0.03	71.31	-0.27	--	--	--	--	--	--	--	--	LPH in well
9/22/1993	81.38	10.01	0.05	71.41	0.10	--	--	--	--	--	--	--	--	LPH in well
10/7/1993	81.38	9.94	0.03	71.46	0.06	--	--	--	--	--	--	--	--	LPH in well
10/28/1993	81.38	10.04	0.02	71.35	-0.11	--	--	--	--	--	--	--	--	LPH in well
11/12/1993	81.38	9.79	0	71.59	0.24	--	--	--	--	--	--	--	--	
11/30/1993	81.38	9.62	0	71.76	0.17	--	--	--	--	--	--	--	--	
2/16/1994	81.38	8.95	0.02	72.44	0.69	--	--	--	--	--	--	--	--	LPH in well
5/31/1994	81.38	9.63	0	71.75	-0.69	43000	--	1500	1200	1600	6700	--	--	
8/31/1994	81.38	10.25	0.02	71.14	-0.61	--	--	--	--	--	--	--	--	LPH in well
9/27/1994	81.38	10.38	0	71.00	-0.14	--	--	--	--	--	--	--	--	
10/11/1994	81.38	10.45	0.02	70.94	-0.06	--	--	--	--	--	--	--	--	LPH in well
11/10/1994	81.38	7.54	0.08	73.90	2.95	--	--	--	--	--	--	--	--	LPH in well
2/7/1995	81.38	8.10	0	73.28	-0.62	25000	--	1400	740	990	3000	--	--	
3/14/1995	81.38	7.04	0	74.34	1.06	--	--	--	--	--	--	--	--	
5/3/1995	81.38	7.98	0	73.40	-0.94	12000	--	680	160	600	1800	--	--	
8/3/1995	81.38	9.25	0	72.13	-1.27	23000	--	940	280	810	2700	--	--	
8/19/1995	81.38	--	0	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.38	10.00	0	71.38	--	40000	--	510	280	1000	5700	630	--	
5/6/1996	81.38	9.03	0	72.35	0.97	13000	--	200	ND	180	610	170	--	Sheen
11/5/1996	81.38	10.41	0	70.97	-1.38	35000	--	1800	ND	1300	4900	580	--	
5/15/1997	81.38	9.41	0	71.97	1.00	10000	--	490	ND	ND	1300	ND	--	Sheen
11/12/1997	81.38	9.27	0	72.11	0.14	100	--	5.1	ND	ND	ND	74	--	
5/4/1998	81.38	9.18	0	72.20	0.09	39000	--	1600	230	1000	3200	ND	--	
11/11/1998	81.38	9.23	0.37	72.43	0.23	--	--	--	--	--	--	--	--	LPH in well
2/22/1999	81.38	7.69	0.25	73.88	1.45	--	--	--	--	--	--	--	--	LPH in well
4/2/1999	81.38	8.19	0.28	73.40	-0.48	--	--	--	--	--	--	--	--	LPH in well
5/4/1999	81.38	8.44	0.01	72.95	-0.45	--	--	--	--	--	--	--	--	LPH in well
5/20/1999	81.38	8.73	0.04	72.68	-0.27	--	--	--	--	--	--	--	--	LPH in well
6/29/1999	81.38	8.91	0.05	72.51	-0.17	--	--	--	--	--	--	--	--	LPH in well
7/29/1999	81.38	9.12	0.07	72.31	-0.20	--	--	--	--	--	--	--	--	LPH in well
8/24/1999	81.38	9.37	0.09	72.08	-0.24	--	--	--	--	--	--	--	--	LPH in well
9/27/1999	81.38	9.51	0.06	71.91	-0.16	--	--	--	--	--	--	--	--	LPH in well
10/28/1999	81.38	--	0.05	--	--	--	--	--	--	--	--	--	--	LPH in well
11/15/1999	81.38	9.29	0	72.09	--	--	--	--	--	--	--	--	--	Sheen
12/20/1999	81.38	9.14	0	72.24	0.15	--	--	--	--	--	--	--	--	
1/20/2000	81.38	9.08	0	72.30	0.06	--	--	--	--	--	--	--	--	
2/26/2000	81.38	8.69	0	72.69	0.39	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
3/31/2000	81.38	8.48	0	72.90	0.21	--	--	--	--	--	--	--	--	
4/13/2000	81.38	8.66	0	72.72	-0.18	--	--	--	--	--	--	--	--	
5/22/2000	81.38	9.06	0	72.32	-0.40	240000	--	33000	5000	18000	59000	640	21	
11/22/2000	81.38	9.24	0.67	72.64	0.32	--	--	--	--	--	--	--	--	LPH in well
2/14/2001	81.38	7.63	0.33	74.00	1.35	--	--	--	--	--	--	--	--	LPH in well
3/28/2001	81.38	8.82	0	72.56	-1.44	--	--	--	--	--	--	--	--	
4/28/2001	81.38	8.66	0	72.72	0.16	--	--	--	--	--	--	--	--	
5/15/2001	81.38	8.97	0	72.41	-0.31	--	--	--	--	--	--	--	--	
6/29/2001	81.38	8.73	0	72.65	0.24	--	--	--	--	--	--	--	--	
7/17/2001	81.38	8.92	0.02	72.47	-0.17	--	--	--	--	--	--	--	--	LPH in well
8/30/2001	81.38	8.85	0	72.53	0.06	--	--	--	--	--	--	--	--	
9/24/2001	81.38	8.89	0	72.49	-0.04	--	--	--	--	--	--	--	--	
10/15/2001	81.38	9.11	0.03	72.29	-0.20	--	--	--	--	--	--	--	--	LPH in well
11/23/2001	81.38	8.77	0	72.61	0.32	29000	--	3900	450	1400	3500	ND<500	--	
12/10/2001	81.38	8.75	0	72.63	0.02	--	--	--	--	--	--	--	--	
1/14/2002	81.38	8.26	0	73.12	0.49	--	--	--	--	--	--	--	--	
2/22/2002	81.38	6.30	0	75.08	1.96	--	--	--	--	--	--	--	--	
3/11/2002	81.38	6.47	0	74.91	-0.17	--	--	--	--	--	--	--	--	
4/15/2002	81.38	6.56	0	74.82	-0.09	--	--	--	--	--	--	--	--	
5/24/2002	81.38	8.32	0.15	73.17	-1.65	--	--	--	--	--	--	--	--	LPH in well
6/17/2002	81.38	8.41	0.2	73.12	-0.05	--	--	--	--	--	--	--	--	LPH in well
7/15/2002	81.38	8.63	0.2	72.90	-0.22	--	--	--	--	--	--	--	--	LPH in well
8/19/2002	81.38	8.76	0.31	72.85	-0.05	--	--	--	--	--	--	--	--	LPH in well
9/5/2002	81.38	8.73	0.16	72.77	-0.08	--	--	--	--	--	--	--	--	LPH in well
10/7/2002	81.38	8.79	0.09	72.66	-0.11	--	--	--	--	--	--	--	--	LPH in well
11/29/2002	81.38	9.18	0.05	72.24	-0.42	--	--	--	--	--	--	--	--	LPH in well
12/12/2002	81.38	9.12	0.04	72.29	0.05	--	--	--	--	--	--	--	--	LPH in well
1/6/2003	81.38	9.05	0.03	72.35	0.06	--	--	--	--	--	--	--	--	LPH in well
2/12/2003	81.38	8.87	0.04	72.54	0.19	--	--	--	--	--	--	--	--	LPH in well
3/13/2003	81.38	8.25	0.03	73.15	0.61	--	--	--	--	--	--	--	--	LPH in well
4/7/2003	81.38	8.31	0.02	73.08	-0.07	--	--	--	--	--	--	--	--	LPH in well
5/15/2003	81.38	8.58	0.03	72.82	-0.26	--	--	--	--	--	--	--	--	LPH in well
6/12/2003	81.38	8.63	0.02	72.76	-0.06	--	--	--	--	--	--	--	--	LPH in well
7/7/2003	81.38	8.59	0.02	72.80	0.04	--	--	--	--	--	--	--	--	LPH in well
8/14/2003	81.38	8.65	0.03	72.75	-0.05	--	--	--	--	--	--	--	--	LPH in well
9/12/2003	81.38	8.82	0.03	72.58	-0.17	--	--	--	--	--	--	--	--	LPH in well
11/4/2003	81.38	9.90	0.25	71.67	-0.92	--	--	--	--	--	--	--	--	LPH in well
5/24/2004	81.38	9.33	0.25	72.24	0.57	--	--	--	--	--	--	--	--	LPH in well

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
11/29/2004	81.38	9.16	0.21	72.38	0.14	--	--	--	--	--	--	--	--	LPH in well
6/24/2005	81.38	8.41	0	72.97	0.59	--	53000	560	230	1600	5100	--	82	
12/15/2005	81.38	8.96	0	72.42	-0.55	--	27000	130	ND<25	560	1800	--	120	
6/14/2006	81.38	8.41	0	72.97	0.55	--	11000	110	ND<12	360	640	--	48	
12/21/2006	81.38	9.65	0	71.73	-1.24	--	78000	490	43	1400	4300	--	96	
6/28/2007	81.38	9.99	0.29	71.61	-0.12	--	--	--	--	--	--	--	--	LPH in well
12/13/2007	81.38	10.12	0.17	71.39	-0.22	--	--	--	--	--	--	--	--	LPH in well
6/9/2008	81.38	10.12	0.17	71.39	0.00	--	--	--	--	--	--	--	--	LPH in well
12/30/2008	81.38	9.33	0.13	72.15	0.76	--	--	--	--	--	--	--	--	LPH in well
9/28/2009	81.38	9.77	0.01	71.62	-0.53	--	--	--	--	--	--	--	--	LPH in well
12/15/2009	81.38	8.87	0.01	72.52	0.90	--	--	--	--	--	--	--	--	LPH in well
6/28/2010	81.38	9.82	0.5	71.93	-0.58	--	--	--	--	--	--	--	--	LPH in well
12/29/2010	81.38	8.69	1.49	73.81	1.87	--	--	--	--	--	--	--	--	LPH in well
MW-6														
11/7/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	--	--	--	--	--	ND	--	0.37	0.4	0.35	1.5	--	--	
5/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	0.42	--	--	
8/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	80.47	7.71	0	72.76	--	--	--	--	--	--	--	--	--	
1/30/1993	80.47	7.25	0	73.22	0.46	--	--	--	--	--	--	--	--	
2/24/1993	80.47	6.74	0	73.73	0.51	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	80.47	5.85	0	74.62	0.89	--	--	--	--	--	--	--	--	
4/28/1993	80.47	7.58	0	72.89	-1.73	--	--	--	--	--	--	--	--	
5/25/1993	80.47	7.48	0	72.99	0.10	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	79.94	7.34	0	72.60	-0.39	--	--	--	--	--	--	--	--	
7/22/1993	79.94	7.53	0	72.41	-0.19	--	--	--	--	--	--	--	--	
8/25/1993	79.94	7.66	0	72.28	-0.13	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	79.94	7.76	0	72.18	-0.10	--	--	--	--	--	--	--	--	
10/28/1993	79.94	8.30	0	71.64	-0.54	--	--	--	--	--	--	--	--	
11/30/1993	79.94	7.40	0	72.54	0.90	--	--	--	--	--	--	--	--	
2/16/1994	79.94	7.13	0	72.81	0.27	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	79.94	7.49	0	72.45	-0.36	--	--	--	--	--	--	--	--	
8/31/1994	79.94	7.93	0	72.01	-0.44	ND	--	ND	1.5	ND	1.6	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
9/27/1994	79.94	8.03	0	71.91	-0.10	--	--	--	--	--	--	--	--	
10/11/1994	79.94	8.05	0	71.89	-0.02	--	--	--	--	--	--	--	--	
11/10/1994	79.94	6.12	0	73.82	1.93	--	--	--	--	--	--	--	--	
2/7/1995	79.94	6.65	0	73.29	-0.53	ND	--	ND	ND	ND	ND	--	--	
5/3/1995	79.94	6.47	0	73.47	0.18	ND	--	ND	ND	ND	1.0	--	--	
8/3/1995	79.94	7.28	0	72.66	-0.81	--	--	--	--	--	--	--	--	
11/7/1995	79.94	7.98	0	71.96	-0.70	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	79.94	7.80	0	72.14	0.18	--	--	--	--	--	--	--	--	
11/5/1996	79.94	7.63	0	72.31	0.17	--	--	--	--	--	--	--	--	
5/15/1997	79.94	7.41	0	72.53	0.22	--	--	--	--	--	--	--	--	
11/12/1997	79.94	7.51	0	72.43	-0.10	--	--	--	--	--	--	--	--	
5/4/1998	79.94	7.15	0	72.79	0.36	--	--	--	--	--	--	--	--	
11/11/1998	79.94	7.04	0	72.90	0.11	--	--	--	--	--	--	--	--	
5/20/1999	79.94	7.00	0	72.94	0.04	--	--	--	--	--	--	--	--	
11/15/1999	79.94	7.42	0	72.52	-0.42	--	--	--	--	--	--	--	--	
5/22/2000	79.94	7.24	0	72.70	0.18	--	--	--	--	--	--	--	--	
11/22/2000	79.94	7.40	0	72.54	-0.16	--	--	--	--	--	--	--	--	
5/15/2001	79.94	7.12	0	72.82	0.28	--	--	--	--	--	--	--	--	
11/23/2001	79.94	7.19	0	72.75	-0.07	--	--	--	--	--	--	--	--	
5/24/2002	79.94	6.54	0	73.40	0.65	--	--	--	--	--	--	--	--	
11/29/2002	79.94	7.26	0	72.68	-0.72	--	--	--	--	--	--	--	--	
5/15/2003	79.94	6.26	0	73.68	1.00	--	--	--	--	--	--	--	--	
11/4/2003	79.94	7.80	0	72.14	-1.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
5/24/2004	79.94	7.54	0	72.40	0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
11/29/2004	79.94	7.01	0	72.93	0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.8	
6/24/2005	79.94	7.68	0	72.26	-0.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.47	
12/15/2005	79.94	7.49	0	72.45	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.88	
6/14/2006	79.94	6.45	0	73.49	1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.0	
12/21/2006	79.94	6.91	0	73.03	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
6/28/2007	79.94	7.46	0	72.48	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.2	
12/13/2007	79.94	7.41	0	72.53	0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
6/9/2008	79.94	8.20	0	71.74	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
12/30/2008	79.94	7.47	0	72.47	0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2009	79.94	7.96	0	71.98	-0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.67	
12/15/2009	79.94	7.22	0	72.72	0.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2010	79.94	7.68	0	72.26	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2010	79.94	5.93	0	74.01	1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

MW-7

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
11/7/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	--	--	--	--	--	70	--	ND	ND	ND	0.52	--	--	
5/28/1991	--	--	--	--	--	39	--	ND	ND	ND	0.73	--	--	
8/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	--	--	--	--	--	32	--	ND	ND	ND	ND	--	--	
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	0.73	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	81.83	8.42	0	73.41	--	--	--	--	--	--	--	--	--	
1/30/1993	81.83	8.21	0	73.62	0.21	--	--	--	--	--	--	--	--	
2/24/1993	81.83	7.85	0	73.98	0.36	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	81.83	6.97	0	74.86	0.88	--	--	--	--	--	--	--	--	
4/28/1993	81.83	8.39	0	73.44	-1.42	--	--	--	--	--	--	--	--	
5/25/1993	81.83	8.43	0	73.40	-0.04	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	81.64	8.47	0	73.17	-0.23	--	--	--	--	--	--	--	--	
7/22/1993	81.64	8.83	0	72.81	-0.36	--	--	--	--	--	--	--	--	
8/25/1993	81.64	8.81	0	72.83	0.02	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	81.64	8.96	0	72.68	-0.15	--	--	--	--	--	--	--	--	
10/28/1993	81.64	8.98	0	72.66	-0.02	--	--	--	--	--	--	--	--	
11/30/1993	81.64	8.65	0	72.99	0.33	--	--	--	--	--	--	--	--	Sampled semi-annually
2/16/1994	81.64	8.36	0	73.28	0.29	ND	--	ND	ND	ND	0.7	--	--	
5/31/1994	81.64	8.67	0	72.97	-0.31	--	--	--	--	--	--	--	--	
8/31/1994	81.64	9.12	0	72.52	-0.45	ND	--	ND	0.8	ND	0.75	--	--	
9/27/1994	81.64	9.22	0	72.42	-0.10	--	--	--	--	--	--	--	--	
10/11/1994	81.64	9.23	0	72.41	-0.01	--	--	--	--	--	--	--	--	
11/10/1994	81.64	7.66	0	73.98	1.57	--	--	--	--	--	--	--	--	
2/7/1995	81.64	7.88	0	73.76	-0.22	ND	--	ND	ND	ND	ND	--	--	
5/3/1995	81.64	7.71	0	73.93	0.17	ND	--	ND	ND	ND	1.0	--	--	
8/3/1995	81.64	8.40	0	73.24	-0.69	--	--	--	--	--	--	--	--	
11/7/1995	81.64	8.95	0	72.69	-0.55	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	81.64	8.15	0	73.49	0.80	--	--	--	--	--	--	--	--	
11/5/1996	81.64	8.67	0	72.97	-0.52	--	--	--	--	--	--	--	--	
5/15/1997	81.64	8.47	0	73.17	0.20	--	--	--	--	--	--	--	--	
11/12/1997	81.64	7.88	0	73.76	0.59	--	--	--	--	--	--	--	--	
5/4/1998	81.64	7.93	0	73.71	-0.05	--	--	--	--	--	--	--	--	
11/11/1998	81.64	8.20	0	73.44	-0.27	--	--	--	--	--	--	--	--	
5/20/1999	81.64	8.04	0	73.60	0.16	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
11/15/1999	81.64	8.17	0	73.47	-0.13	--	--	--	--	--	--	--	--	
5/22/2000	81.64	8.10	0	73.54	0.07	--	--	--	--	--	--	--	--	
11/22/2000	81.64	8.30	0	73.34	-0.20	--	--	--	--	--	--	--	--	
5/15/2001	81.64	8.09	0	73.55	0.21	--	--	--	--	--	--	--	--	
11/23/2001	81.64	8.14	0	73.50	-0.05	--	--	--	--	--	--	--	--	
5/24/2002	81.64	7.56	0	74.08	0.58	--	--	--	--	--	--	--	--	
11/29/2002	81.64	8.23	0	73.41	-0.67	--	--	--	--	--	--	--	--	
5/15/2003	81.64	7.25	0	74.39	0.98	--	--	--	--	--	--	--	--	
11/4/2003	81.64	8.76	0	72.88	-1.51	--	70	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.64	8.32	0	73.32	0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.4	
11/29/2004	81.64	8.21	0	73.43	0.11	--	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
6/24/2005	81.64	7.84	0	73.80	0.37	--	85	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
12/15/2005	81.64	8.15	0	73.49	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.72	
6/14/2006	81.64	7.76	0	73.88	0.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	--	7.64	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.75	Casing elevation modified on 6/21/2006
6/28/2007	--	8.18	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.51	
12/13/2007	--	8.52	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
6/9/2008	--	8.67	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.54	
12/30/2008	--	8.46	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
9/28/2009	--	8.30	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.52	
12/15/2009	--	8.22	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
6/28/2010	--	8.02	0	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2010	--	7.18	0	--	--	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.0	
MW-8														
11/7/1990	--	--	--	--	--	4700	--	28	38	86	7200	--	--	
2/25/1991	--	--	--	--	--	5300	--	17	6.1	53	300	--	--	
5/28/1991	--	--	--	--	--	4800	--	4.2	1.3	5.1	170	--	--	
8/28/1991	--	--	--	--	--	1800	--	3.2	1.9	19	74	--	--	
11/19/1991	--	--	--	--	--	1600	--	8.1	1.8	19	52	--	--	
2/6/1992	--	--	--	--	--	2600	--	4.1	7.0	31	93	--	--	
5/23/1992	--	--	--	--	--	2100	--	8.6	1.6	1.7	28	--	--	
8/26/1992	--	--	--	--	--	1800	--	12	8.0	4.0	13	--	--	
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/21/1992	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
1/9/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
1/30/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/10/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/24/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
3/9/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/22/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/8/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/28/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/12/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/25/1993	81.71	10.12	0	71.59	--	1200	--	5.4	ND	9.0	21	--	--	
6/7/1993	81.41	9.98	0	71.43	-0.16	--	--	--	--	--	--	--	--	
6/23/1993	81.41	10.36	0	71.05	-0.38	--	--	--	--	--	--	--	--	
7/8/1993	81.41	10.52	0	70.89	-0.16	--	--	--	--	--	--	--	--	
7/22/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
8/11/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
8/25/1993	81.41	10.95	0	70.46	--	1800	--	11	17	8.9	29	--	--	
9/8/1993	81.41	11.34	0	70.07	-0.39	--	--	--	--	--	--	--	--	
9/22/1993	81.41	11.13	0	70.28	0.21	--	--	--	--	--	--	--	--	
10/7/1993	81.41	10.96	0	70.45	0.17	--	--	--	--	--	--	--	--	
10/28/1993	81.41	11.19	0	70.22	-0.23	--	--	--	--	--	--	--	--	
11/12/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
11/30/1993	81.41	10.42	0	70.99	--	3500	--	18	ND	ND	ND	--	--	
2/16/1994	81.41	9.86	0	71.55	0.56	990	--	4.9	1.8	2.4	4.5	--	--	
5/31/1994	81.41	10.61	0	70.80	-0.75	350	--	3.0	1.0	0.73	1.7	--	--	
8/31/1994	81.41	11.37	0	70.04	-0.76	1800	--	ND	ND	ND	ND	--	--	
9/27/1994	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
10/11/1994	81.41	11.50	0	69.91	--	--	--	--	--	--	--	--	--	
11/10/1994	81.41	7.81	0	73.60	3.69	940	--	6.7	6.3	ND	16	--	--	
2/7/1995	81.41	8.69	0	72.72	-0.88	230	--	1.4	0.95	0.9	1.1	--	--	
5/3/1995	81.41	8.60	0	72.81	0.09	75	--	ND	ND	ND	1.0	--	--	
8/3/1995	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/7/1995	81.41	11.05	0	70.36	--	210	--	1.3	1.2	ND	ND	--	--	
5/6/1996	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/5/1996	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/15/1997	81.41	10.46	0	70.95	--	ND	--	ND	ND	ND	ND	43	--	
11/12/1997	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/4/1998	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/11/1998	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/20/1999	81.41	9.75	0	71.66	--	ND	--	ND	ND	ND	ND	23	10	
11/15/1999	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/22/2000	81.41	9.80	0	71.61	--	ND	--	ND	1.9	ND	3.3	ND	--	
11/22/2000	81.41	9.76	0	71.65	0.04	ND	--	ND	1.16	ND	1.22	ND	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
5/15/2001	81.41	9.87	0	71.54	-0.11	ND	--	ND	ND	ND	ND	ND	--	
11/23/2001	81.41	9.92	0	71.49	-0.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
5/24/2002	81.41	9.26	0	72.15	0.66	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
11/29/2002	81.41	9.71	0	71.70	-0.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	81.41	9.04	0	72.37	0.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	81.41	10.20	0	71.21	-1.16	--	690	ND<1.0	ND<1.0	3.3	ND<2.0	--	190	
5/24/2004	81.41	10.04	0	71.37	0.16	--	450	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	750	
11/29/2004	81.41	9.88	0	71.53	0.16	--	1500	ND<10	ND<10	ND<10	ND<20	--	1600	
6/24/2005	81.41	9.40	0	72.01	0.48	--	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	190	
12/15/2005	81.41	10.01	0	71.40	-0.61	--	520	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1000	
6/14/2006	81.41	5.91	0	75.50	4.10	--	230	ND<0.50	ND<0.50	0.60	ND<1.0	--	39	
12/21/2006	81.41	9.65	0	71.76	-3.74	--	260	2.5	ND<0.50	12	43	--	15	
6/28/2007	81.41	11.10	0	70.31	-1.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.4	
12/13/2007	81.41	11.18	0	70.23	-0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.8	
6/9/2008	81.41	11.25	0	70.16	-0.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.5	
12/30/2008	81.41	10.05	0	71.36	1.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.9	
9/28/2009	81.41	11.10	0	70.31	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.1	
12/15/2009	81.41	10.00	0	71.41	1.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.9	
6/28/2010	81.41	10.86	0	70.55	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
12/29/2010	81.41	8.57	0	72.84	2.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
MW-9														
11/7/1990	--	--	--	--	--	480	--	7.8	1.2	13	47	--	--	
2/25/1991	--	--	--	--	--	390	--	13	1.1	2.8	14	--	--	
5/28/1991	--	--	--	--	--	590	--	6.0	0.43	6.8	1.4	--	--	
8/28/1991	--	--	--	--	--	450	--	17	0.9	13	14	--	--	
11/19/1991	--	--	--	--	--	360	--	17	0.45	15	11	--	--	
2/6/1992	--	--	--	--	--	660	--	41	1.0	33	15	--	--	
5/23/1992	--	--	--	--	--	460	--	18	0.66	1.4	3.2	--	--	
8/26/1992	--	--	--	--	--	250	--	13	ND	8.6	3.8	--	--	
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/21/1992	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
1/30/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/24/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/22/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/28/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/25/1993	81.13	11.50	0	69.63	--	160	--	6.1	ND	7.4	1.1	--	--	
6/23/1993	80.53	9.78	0	70.75	1.12	--	--	--	--	--	--	--	--	
7/22/1993	80.53	10.10	0	70.43	-0.32	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
8/25/1993	80.53	10.44	0	70.09	-0.34	220	--	10	ND	6.8	1.4	--	--	
9/22/1993	80.53	10.64	0	69.89	-0.20	--	--	--	--	--	--	--	--	
10/28/1993	80.53	10.68	0	69.85	-0.04	--	--	--	--	--	--	--	--	
11/30/1993	80.53	9.87	0	70.66	0.81	200	--	5.6	ND	2.9	2.7	--	--	
2/16/1994	80.53	9.21	0	71.32	0.66	250	--	5.1	1.3	4.4	1.5	--	--	
5/31/1994	80.53	10.15	0	70.38	-0.94	360	--	7.8	0.97	4.6	2.2	--	--	
8/31/1994	80.53	10.97	0	69.56	-0.82	650	--	7.7	2.8	4.4	5.0	59	--	
9/27/1994	80.53	11.10	0	69.43	-0.13	--	--	--	--	--	--	--	--	
10/11/1994	80.53	11.20	0	69.33	-0.10	--	--	--	--	--	--	--	--	
11/10/1994	80.53	7.25	0	73.28	3.95	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	80.53	7.76	0	72.77	-0.51	57	--	0.7	ND	0.86	ND	--	--	
5/3/1995	80.53	7.82	0	72.71	-0.06	ND	--	0.85	0.67	1.3	1.0	--	--	
8/3/1995	80.53	9.70	0	70.83	-1.88	91	--	1.1	ND	ND	ND	--	--	
11/7/1995	80.53	10.64	0	69.89	-0.94	130	--	1.5	0.62	0.71	ND	60	--	
5/6/1996	80.53	9.01	0	71.52	1.63	860	--	6.1	13	6.0	25	ND	--	
11/5/1996	80.53	11.42	0	69.11	-2.41	84	--	0.74	ND	1.2	4.5	ND	--	
5/15/1997	80.53	9.89	0	70.64	1.53	ND	--	ND	ND	ND	ND	ND	--	
11/12/1997	80.53	10.22	0	70.31	-0.33	ND	--	0.55	ND	ND	ND	74	--	
5/4/1998	80.53	10.05	0	70.48	0.17	ND	--	ND	ND	ND	ND	45	--	
11/11/1998	80.53	9.23	0	71.30	0.82	ND	--	ND	ND	ND	ND	ND	--	
5/20/1999	80.53	8.78	0	71.75	0.45	ND	--	ND	ND	ND	ND	ND	--	
11/15/1999	80.53	9.12	0	71.41	-0.34	ND	--	ND	ND	ND	ND	ND	--	
5/22/2000	80.53	9.17	0	71.36	-0.05	ND	--	ND	1.9	ND	3.5	ND	--	
11/22/2000	80.53	9.08	0	71.45	0.09	ND	--	ND	1.18	ND	1.16	ND	--	
5/15/2001	80.53	8.85	0	71.68	0.23	ND	--	ND	ND	ND	ND	ND	--	
11/23/2001	80.53	9.10	0	71.43	-0.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
5/24/2002	80.53	8.79	0	71.74	0.31	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
11/29/2002	80.53	9.24	0	71.29	-0.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	80.53	8.56	0	71.97	0.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	80.53	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/24/2004	80.53	9.38	0	71.15	--	--	330	1.8	ND<0.50	ND<0.50	ND<1.0	--	160	
11/29/2004	80.53	9.55	0	70.98	-0.17	--	690	0.72	ND<0.50	1.3	ND<1.0	--	160	
6/24/2005	80.53	8.65	0	71.88	0.90	--	240	0.80	ND<0.50	0.55	ND<1.0	--	67	
12/15/2005	80.53	9.43	0	71.10	-0.78	--	400	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	
6/14/2006	80.53	9.43	0	71.10	0.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	
12/21/2006	80.53	9.01	0	71.52	0.42	--	580	ND<0.50	ND<0.50	0.71	ND<0.50	--	36	
6/28/2007	80.53	11.64	0	68.89	-2.63	--	1200	0.81	ND<0.50	ND<0.50	0.54	--	52	
12/13/2007	80.53	11.18	0	69.35	0.46	--	1100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	31	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
6/9/2008	80.53	11.10	0	69.43	0.08	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
12/30/2008	80.53	9.66	0	70.87	1.44	--	970	ND<0.50	ND<0.50	0.84	ND<1.0	--	5.0	
9/28/2009	80.53	10.83	0	69.70	-1.17	--	860	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.5	
12/15/2009	80.53	10.00	0	70.53	0.83	--	870	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.7	
6/28/2010	80.53	10.45	0	70.08	-0.45	--	360	ND<0.50	ND<0.50	1.0	ND<1.0	--	2.2	
12/29/2010	80.53	7.72	0	72.81	2.73	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10														
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	81.90	13.41	0	68.49	--	--	--	--	--	--	--	--	--	
1/30/1993	81.90	11.60	0	70.30	1.81	--	--	--	--	--	--	--	--	
2/24/1993	81.90	11.23	0	70.67	0.37	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	81.90	10.89	0	71.01	0.34	--	--	--	--	--	--	--	--	
4/28/1993	81.90	12.11	0	69.79	-1.22	--	--	--	--	--	--	--	--	
5/25/1993	81.90	12.02	0	69.88	0.09	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	81.61	12.11	0	69.50	-0.38	--	--	--	--	--	--	--	--	
7/22/1993	81.61	12.49	0	69.12	-0.38	--	--	--	--	--	--	--	--	
8/25/1993	81.61	12.78	0	68.83	-0.29	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	81.61	13.06	0	68.55	-0.28	--	--	--	--	--	--	--	--	
10/28/1993	81.61	13.23	0	68.38	-0.17	--	--	--	--	--	--	--	--	
11/30/1993	81.61	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/16/1994	81.61	12.43	0	69.18	--	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	81.61	12.69	0	68.92	-0.26	ND	--	ND	0.9	ND	0.91	--	--	
8/31/1994	81.61	13.47	0	68.14	-0.78	ND	--	ND	0.64	ND	0.54	--	--	
9/27/1994	81.61	13.72	0	67.89	-0.25	--	--	--	--	--	--	--	--	
10/11/1994	81.61	14.80	0	66.81	-1.08	--	--	--	--	--	--	--	--	
11/10/1994	81.61	12.64	0	68.97	2.16	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	81.61	10.29	0	71.32	2.35	--	--	--	--	--	--	--	--	Sampled semi-annually
5/3/1995	81.61	10.22	0	71.39	0.07	ND	--	ND	ND	ND	0.65	--	--	
8/3/1995	81.61	11.73	0	69.88	-1.51	--	--	--	--	--	--	--	--	
11/7/1995	81.61	12.98	0	68.63	-1.25	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	81.61	10.90	0	70.71	2.08	--	--	--	--	--	--	--	--	Sampling discontinued
11/5/1996	81.61	11.96	0	69.65	-1.06	--	--	--	--	--	--	--	--	
5/15/1997	81.61	10.79	0	70.82	1.17	--	--	--	--	--	--	--	--	
11/12/1997	81.61	10.07	0	71.54	0.72	--	--	--	--	--	--	--	--	
5/4/1998	81.61	10.01	0	71.60	0.06	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
11/11/1998	81.61	12.03	0	69.58	-2.02	--	--	--	--	--	--	--	--	
5/20/1999	81.61	10.05	0	71.56	1.98	--	--	--	--	--	--	--	--	
11/15/1999	81.61	10.16	0	71.45	-0.11	--	--	--	--	--	--	--	--	
5/22/2000	81.61	10.06	0	71.55	0.10	--	--	--	--	--	--	--	--	
11/22/2000	81.61	10.12	0	71.49	-0.06	--	--	--	--	--	--	--	--	
5/15/2001	81.61	10.08	0	71.53	0.04	--	--	--	--	--	--	--	--	
11/23/2001	81.61	10.14	0	71.47	-0.06	--	--	--	--	--	--	--	--	
5/24/2002	81.61	9.48	0	72.13	0.66	--	--	--	--	--	--	--	--	
11/29/2002	81.61	10.11	0	71.50	-0.63	--	--	--	--	--	--	--	--	
5/15/2003	81.61	9.22	0	72.39	0.89	--	--	--	--	--	--	--	--	
11/4/2003	81.61	12.82	0	68.79	-3.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.61	11.52	0	70.09	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.75	
11/29/2004	81.61	12.58	0	69.03	-1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.72	
6/24/2005	81.61	10.70	0	70.91	1.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2005	81.61	12.09	0	69.52	-1.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2006	81.61	9.77	0	71.84	2.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	81.61	11.57	0	70.04	-1.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/28/2007	81.61	14.11	0	67.50	-2.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/13/2007	81.61	15.72	0	65.89	-1.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/9/2008	81.61	14.93	0	66.68	0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/2008	81.61	13.56	0	68.05	1.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2009	81.61	13.52	0	68.09	0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2009	81.61	14.02	0	67.59	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2010	81.61	13.55	0	68.06	0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2010	81.61	13.23	0	68.38	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-11														
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	78.43	12.34	0	66.09	--	--	--	--	--	--	--	--	--	
1/30/1993	78.43	14.17	0	64.26	-1.83	--	--	--	--	--	--	--	--	
2/24/1993	78.43	12.70	0	65.73	1.47	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	78.43	8.95	0	69.48	3.75	--	--	--	--	--	--	--	--	
4/28/1993	78.43	13.87	0	64.56	-4.92	--	--	--	--	--	--	--	--	
5/25/1993	78.43	15.14	0	63.29	-1.27	ND	--	ND	0.75	ND	1.0	--	--	
6/23/1993	78.18	15.08	0	63.10	-0.19	--	--	--	--	--	--	--	--	
7/22/1993	78.18	15.46	0	62.72	-0.38	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
8/25/1993	78.18	14.10	0	64.08	1.36	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	78.18	15.03	0	63.15	-0.93	--	--	--	--	--	--	--	--	
10/28/1993	78.18	13.84	0	64.34	1.19	--	--	--	--	--	--	--	--	
11/30/1993	78.18	13.04	0	65.14	0.80	ND	--	ND	ND	ND	ND	--	--	
2/16/1994	78.18	12.76	0	65.42	0.28	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	78.18	12.79	0	65.39	-0.03	ND	--	ND	ND	ND	ND	--	--	
8/31/1994	78.18	12.97	0	65.21	-0.18	ND	--	ND	1.5	ND	1.8	--	--	
9/27/1994	78.18	14.88	0	63.30	-1.91	--	--	--	--	--	--	--	--	
10/11/1994	78.18	13.40	0	64.78	1.48	--	--	--	--	--	--	--	--	
11/10/1994	78.18	13.57	0	64.61	-0.17	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	78.18	12.28	0	65.90	1.29	--	--	--	--	--	--	--	--	Sampled semi-annually
5/3/1995	78.18	9.28	0	68.90	3.00	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	78.18	12.67	0	65.51	-3.39	--	--	--	--	--	--	--	--	
11/7/1995	78.18	12.28	0	65.90	0.39	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	78.18	13.30	0	64.88	-1.02	--	--	--	--	--	--	--	--	Sampling discontinued
11/5/1996	78.18	10.90	0	67.28	2.40	--	--	--	--	--	--	--	--	
5/15/1997	78.18	11.65	0	66.53	-0.75	--	--	--	--	--	--	--	--	
11/12/1997	78.18	9.66	0	68.52	1.99	--	--	--	--	--	--	--	--	
5/4/1998	78.18	10.87	0	67.31	-1.21	--	--	--	--	--	--	--	--	
11/11/1998	78.18	11.40	0	66.78	-0.53	--	--	--	--	--	--	--	--	
5/20/1999	78.18	10.71	0	67.47	0.69	ND	--	ND	ND	ND	ND	ND	--	
11/15/1999	78.18	11.32	0	66.86	-0.61	ND	--	ND	1.04	ND	ND	ND	--	
5/22/2000	78.18	10.98	0	67.20	0.34	ND	--	ND	ND	ND	ND	ND	--	
11/22/2000	78.18	11.17	0	67.01	-0.19	ND	--	ND	ND	ND	ND	ND	--	
5/15/2001	78.18	10.93	0	67.25	0.24	ND	--	ND	ND	ND	ND	ND	--	
11/23/2001	78.18	11.08	0	67.10	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
5/24/2002	78.18	10.58	0	67.60	0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
11/29/2002	78.18	11.27	0	66.91	-0.69	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	78.18	10.25	0	67.93	1.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	78.18	11.23	0	66.95	-0.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	78.18	10.10	0	68.08	1.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/29/2004	78.18	10.96	0	67.22	-0.86	--	63	ND<0.50	ND<0.50	1.0	2.5	--	ND<0.50	
6/24/2005	78.18	14.07	0	64.11	-3.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2005	78.18	13.28	0	64.90	0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2006	78.18	12.53	0	65.65	0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	78.18	12.78	0	65.40	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/28/2007	78.18	--	--	--	--	--	--	--	--	--	--	--	--	Bus parked over well
12/13/2007	78.18	15.37	0	62.81	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
6/9/2008	78.18	14.80	0	63.38	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/2008	78.18	12.90	0	65.28	1.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2009	78.18	12.57	0	65.61	0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2009	78.18	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
6/28/2010	78.18	14.42	0	63.76	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2010	78.18	15.40	0	62.78	-0.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12														
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	79.89	12.11	0	67.78	--	--	--	--	--	--	--	--	--	
1/30/1993	79.89	13.18	0	66.71	-1.07	--	--	--	--	--	--	--	--	
2/24/1993	79.89	12.13	0	67.76	1.05	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	79.89	11.22	0	68.67	0.91	--	--	--	--	--	--	--	--	
4/28/1993	79.89	13.42	0	66.47	-2.20	--	--	--	--	--	--	--	--	
5/25/1993	79.89	13.68	0	66.21	-0.26	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	79.61	14.56	0	65.05	-1.16	--	--	--	--	--	--	--	--	
7/22/1993	79.61	14.96	0	64.65	-0.40	--	--	--	--	--	--	--	--	
8/25/1993	79.61	13.61	0	66.00	1.35	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	79.61	15.02	0	64.59	-1.41	--	--	--	--	--	--	--	--	
10/28/1993	79.61	14.04	0	65.57	0.98	--	--	--	--	--	--	--	--	
11/30/1993	79.61	13.28	0	66.33	0.76	ND	--	ND	ND	ND	ND	--	--	
2/16/1994	79.61	12.76	0	66.85	0.52	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	79.61	12.64	0	66.97	0.12	ND	--	ND	0.81	ND	0.82	--	--	
8/31/1994	79.61	12.82	0	66.79	-0.18	ND	--	ND	1.0	ND	1.0	--	ND	
9/27/1994	79.61	14.66	0	64.95	-1.84	--	--	--	--	--	--	--	--	
10/11/1994	79.61	14.25	0	65.36	0.41	--	--	--	--	--	--	--	--	
11/10/1994	79.61	13.40	0	66.21	0.85	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	79.61	11.72	0	67.89	1.68	--	--	--	--	--	--	--	--	Sampled semi-annually
5/3/1995	79.61	13.38	0	66.23	-1.66	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	79.61	13.47	0	66.14	-0.09	--	--	--	--	--	--	--	--	
11/7/1995	79.61	12.78	0	66.83	0.69	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	79.61	13.25	0	66.36	-0.47	--	--	--	--	--	--	--	--	Sampling discontinued
11/5/1996	79.61	11.88	0	67.73	1.37	--	--	--	--	--	--	--	--	
5/15/1997	79.61	11.72	0	67.89	0.16	--	--	--	--	--	--	--	--	
11/12/1997	79.61	10.01	0	69.60	1.71	--	--	--	--	--	--	--	--	
5/4/1998	79.61	10.96	0	68.65	-0.95	--	--	--	--	--	--	--	--	
11/11/1998	79.61	11.53	0	68.08	-0.57	--	--	--	--	--	--	--	--	
5/20/1999	79.61	10.84	0	68.77	0.69	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
11/15/1999	79.61	11.36	0	68.25	-0.52	--	--	--	--	--	--	--	--	
5/22/2000	79.61	11.19	0	68.42	0.17	--	--	--	--	--	--	--	--	
11/22/2000	79.61	11.36	0	68.25	-0.17	--	--	--	--	--	--	--	--	
5/15/2001	79.61	11.04	0	68.57	0.32	--	--	--	--	--	--	--	--	
11/23/2001	79.61	11.14	0	68.47	-0.10	--	--	--	--	--	--	--	--	
5/24/2002	79.61	10.69	0	68.92	0.45	--	--	--	--	--	--	--	--	
11/29/2002	79.61	11.23	0	68.38	-0.54	--	--	--	--	--	--	--	--	
5/15/2003	79.61	10.38	0	69.23	0.85	--	--	--	--	--	--	--	--	
11/4/2003	79.61	11.34	0	68.27	-0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.4	
5/24/2004	79.61	9.84	0	69.77	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.7	
11/29/2004	79.61	12.17	0	67.44	-2.33	--	64	0.68	ND<0.50	1.2	3.0	--	0.71	
6/24/2005	79.61	13.16	0	66.45	-0.99	--	53	ND<0.50	ND<0.50	0.13	0.42	--	ND<0.50	
12/15/2005	79.61	13.94	0	65.67	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2006	79.61	13.11	0	66.50	0.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	79.61	9.03	0	70.58	4.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/28/2007	79.61	11.75	0	67.86	-2.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/13/2007	79.61	14.83	0	64.78	-3.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/9/2008	79.61	14.84	0	64.77	-0.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/2008	79.61	13.22	0	66.39	1.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2009	79.61	10.55	0	69.06	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.55	
12/15/2009	79.61	9.33	0	70.28	1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.56	
6/28/2010	79.61	9.31	0	70.30	0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.97	
12/29/2010	79.61	9.51	0	70.10	-0.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.95	
RW-1														
2/24/1993	81.20	7.19	0	74.01	--	--	--	--	--	--	--	--	--	
5/12/1993	81.20	8.82	0	72.38	-1.63	--	--	--	--	--	--	--	--	
5/25/1993	81.20	8.58	0	72.62	0.24	--	--	--	--	--	--	--	--	
6/7/1993	80.63	8.16	0	72.47	-0.15	--	--	--	--	--	--	--	--	
6/23/1993	80.63	8.53	0	72.10	-0.37	--	--	--	--	--	--	--	--	
7/8/1993	80.63	8.69	0	71.94	-0.16	--	--	--	--	--	--	--	--	
8/11/1993	80.63	9.00	0	71.63	-0.31	--	--	--	--	--	--	--	--	
8/25/1993	80.63	9.07	0	71.56	-0.07	--	--	--	--	--	--	--	--	
9/8/1993	80.63	9.71	0	70.92	-0.64	--	--	--	--	--	--	--	--	
9/22/1993	80.63	9.25	0	71.38	0.46	--	--	--	--	--	--	--	--	
11/12/1993	80.63	9.00	--	71.63	0.25	--	--	--	--	--	--	--	--	
2/16/1994	80.63	7.82	0	72.81	1.18	--	--	--	--	--	--	--	--	
5/31/1994	80.63	8.81	0	71.82	-0.99	--	--	--	--	--	--	--	--	
8/31/1994	80.63	9.61	0	71.02	-0.80	--	--	--	--	--	--	--	--	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
11/10/1994	80.63	6.34	0	74.29	3.27	--	--	--	--	--	--	--	--	
2/7/1995	80.63	7.18	0	73.45	-0.84	--	--	--	--	--	--	--	--	
3/14/1995	80.63	6.01	0	74.62	1.17	--	--	--	--	--	--	--	--	
11/7/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/15/2001	80.63	8.43	0	72.20	--	--	--	--	--	--	--	--	--	
11/23/2001	80.63	8.57	0	72.06	-0.14	--	--	--	--	--	--	--	--	
12/10/2001	80.63	8.51	0	72.12	0.06	--	--	--	--	--	--	--	--	
1/14/2002	80.63	8.13	0	72.50	0.38	--	--	--	--	--	--	--	--	
2/22/2002	80.63	6.18	0	74.45	1.95	--	--	--	--	--	--	--	--	
3/11/2002	80.63	6.31	0	74.32	-0.13	--	--	--	--	--	--	--	--	
4/15/2002	80.63	6.39	0	74.24	-0.08	--	--	--	--	--	--	--	--	
5/24/2002	80.63	8.14	0	72.49	-1.75	--	--	--	--	--	--	--	--	
6/17/2002	80.63	8.18	0	72.45	-0.04	--	--	--	--	--	--	--	--	
7/15/2002	80.63	8.29	0	72.34	-0.11	--	--	--	--	--	--	--	--	
8/19/2002	80.63	8.44	0	72.19	-0.15	--	--	--	--	--	--	--	--	
9/5/2002	80.63	8.47	0	72.16	-0.03	--	--	--	--	--	--	--	--	
10/7/2002	80.63	8.43	0	72.20	0.04	--	--	--	--	--	--	--	--	
11/29/2002	80.63	8.92	0	71.71	-0.49	--	--	--	--	--	--	--	--	
12/12/2002	80.63	8.87	0	71.76	0.05	--	--	--	--	--	--	--	--	
1/6/2003	80.63	8.66	0	71.97	0.21	--	--	--	--	--	--	--	--	
2/12/2003	80.63	8.39	0	72.24	0.27	--	--	--	--	--	--	--	--	
3/13/2003	80.63	8.06	0	72.57	0.33	--	--	--	--	--	--	--	--	
4/7/2003	80.63	8.09	0	72.54	-0.03	--	--	--	--	--	--	--	--	
5/15/2003	80.63	8.07	0	72.56	0.02	--	--	--	--	--	--	--	--	
6/12/2003	80.63	8.11	0	72.52	-0.04	--	--	--	--	--	--	--	--	
7/7/2003	80.63	8.13	0	72.50	-0.02	--	--	--	--	--	--	--	--	
8/14/2003	80.63	8.23	0	72.40	-0.10	--	--	--	--	--	--	--	--	
9/12/2003	80.63	8.29	0	72.34	-0.06	--	--	--	--	--	--	--	--	
11/4/2003	80.63	9.97	0	70.66	-1.68	--	2600	11	ND<10	ND<10	ND<20	--	210	
5/24/2004	80.63	8.31	0	72.32	1.66	--	3100	20	ND<5.0	16	ND<10	--	200	
11/29/2004	80.63	8.23	0	72.40	0.08	--	4500	46	ND<1.0	34	3.6	--	140	
6/24/2005	80.63	7.53	0	73.10	0.70	--	2000	20	0.87	50	3.0	--	56	
12/15/2005	80.63	8.11	0	72.52	-0.58	--	3300	37	0.70	35	4.7	--	44	
6/14/2006	80.63	7.41	0	73.22	0.70	--	1500	2.0	0.95	6.9	ND<1.0	--	21	
12/21/2006	80.63	7.78	0	72.85	-0.37	--	3100	21	0.65	56	5.4	--	27	
6/28/2007	80.63	9.09	0	71.54	-1.31	--	2800	46	0.96	44	2.6	--	65	
12/13/2007	80.63	9.21	0	71.42	-0.12	--	9100	190	2.1	400	81	--	30	
6/9/2008	80.63	9.30	0	71.33	-0.09	--	5400	23	ND<2.5	330	13	--	39	

Table 2
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (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
12/30/2008	80.63	8.23	0	72.40	1.07	--	5800	130	ND<2.5	270	58	--	22	
9/28/2009	80.63	9.10	0	71.53	-0.87	--	3400	3.8	ND<2.5	23	5.0	--	21	
12/15/2009	80.63	7.96	0	72.67	1.14	--	9100	18	ND<2.5	450	160	--	ND<2.5	
6/28/2010	80.63	8.68	0	71.95	-0.72	--	2300	20	1.0	56	ND<1.0	--	5.6	
12/29/2010	80.63	6.04	0	74.59	2.64	--	4100	9.3	1.3	6.8	ND<1.0	--	1.6	

Table 2a
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
MW-1											
5/6/1996	--	--	--	--	--	--	--	--	4.13	5.21	
11/5/1996	--	--	--	--	--	--	--	--	--	3.12	
5/15/1997	--	--	--	--	--	--	--	--	--	3.92	
11/12/1997	--	--	--	--	--	--	--	--	--	4.16	
5/4/1998	--	--	--	--	--	--	--	--	--	3.84	
11/11/1998	--	--	--	--	--	--	--	--	--	2.85	
5/20/1999	ND	ND	--	--	--	ND	ND	ND	--	3.3	
11/15/1999	ND	ND	--	--	--	ND	ND	ND	--	--	
5/22/2000	130	ND	--	--	--	ND	ND	ND	--	--	
11/22/2000	--	--	--	--	--	ND	ND	ND	--	--	
5/15/2001	ND	ND	--	--	--	ND	ND	ND	--	--	
11/23/2001	ND<57	ND<1400	ND<2.9	--	ND<2.9	ND<2.9	ND<2.9	ND<2.9	--	--	
5/24/2002	ND<200	ND<1000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--	
11/29/2002	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	
5/15/2003	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	
11/4/2003	ND<200	ND<1000	--	--	--	ND<4.0	ND<4.0	ND<4.0	--	--	
5/24/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
11/29/2004	--	ND<50	--	--	--	--	--	--	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-2											
8/19/1995	--	--	--	--	--	--	--	--	2.77	--	
5/15/1997	--	--	--	--	--	--	--	--	--	3.01	
11/12/1997	--	--	--	--	--	--	--	--	--	3.27	

Table 2a
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
5/4/1998	--	--	--	--	--	--	--	--	--	3.63	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-3											
8/19/1995	--	--	--	--	--	--	--	--	2.06	--	
11/7/1995	--	--	--	--	--	--	--	--	1.68	--	
5/6/1996	--	--	--	--	--	--	--	--	3.4	3.18	
11/5/1996	--	--	--	--	--	--	--	--	--	2.03	
5/15/1997	--	--	--	--	--	--	--	--	--	3.08	
5/4/1998	--	--	--	--	--	--	--	--	--	2.98	
11/11/1998	--	--	--	--	--	--	--	--	--	2.22	
5/20/1999	--	--	--	--	--	--	--	--	--	2.6	
5/22/2000	ND	ND	--	--	--	ND	ND	ND	--	--	
11/22/2000	--	--	--	--	--	ND	ND	ND	--	--	
5/15/2001	ND	ND	--	--	--	ND	ND	ND	--	--	
11/23/2001	79	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	
5/24/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	
11/29/2002	ND<5000	ND<25000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--	
5/15/2003	ND<1000	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--	
11/4/2003	ND<4000	ND<20000	--	--	--	ND<80	ND<80	ND<80	--	--	
5/24/2004	190	ND<1000	ND<10	--	ND<10	ND<20	ND<10	ND<10	--	--	
11/29/2004	--	ND<500	--	--	--	--	--	--	--	--	
6/24/2005	--	ND<10000	--	--	--	--	--	--	--	--	
12/15/2005	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	
6/14/2006	--	ND<1200	--	--	--	--	--	--	--	--	
12/21/2006	110	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<500	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<1200	--	--	--	--	--	--	--	--	

Table 2a
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
9/28/2009	--	ND<1200	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<1200	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-4											
8/19/1995	--	--	--	--	--	--	--	--	2.19	--	
11/7/1995	--	--	--	--	--	--	--	--	8.43	--	
5/6/1996	--	--	--	--	--	--	--	--	5.97	3.75	
11/5/1996	--	--	--	--	--	--	--	--	--	2.11	
5/15/1997	--	--	--	--	--	--	--	--	--	3.24	
11/12/1997	--	--	--	--	--	--	--	--	--	3.11	
5/4/1998	--	--	--	--	--	--	--	--	--	3.73	
11/11/1998	--	--	--	--	--	--	--	--	--	4.33	
5/20/1999	--	--	--	--	--	--	--	--	--	3.9	
5/24/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	
11/29/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	
11/4/2003	--	ND<500	--	--	--	--	--	--	--	--	
5/24/2004	--	ND<50	--	--	--	--	--	--	--	--	
11/29/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-5											
8/19/1995	--	--	--	--	--	--	--	--	2.09	--	
11/7/1995	--	--	--	--	--	--	--	--	1.79	--	
5/6/1996	--	--	--	--	--	--	--	--	1.8	2.91	
11/5/1996	--	--	--	--	--	--	--	--	--	1.85	

Table 2a
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
5/15/1997	--	--	--	--	--	--	--	--	--	2.1	
11/12/1997	--	--	--	--	--	--	--	--	--	1.98	
5/4/1998	--	--	--	--	--	--	--	--	--	1.69	
5/22/2000	ND	ND	--	--	--	ND	ND	ND	--	--	
6/24/2005	--	ND<50000	--	--	--	--	--	--	--	--	
12/15/2005	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	
6/14/2006	--	ND<6200	--	--	--	--	--	--	--	--	
12/21/2006	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	
MW-6											
5/15/1997	--	--	--	--	--	--	--	--	--	2.9	
5/4/1998	--	--	--	--	--	--	--	--	--	3.57	
11/4/2003	ND<100	ND<500	--	--	--	ND<2.0	ND<2.0	ND<2.0	--	--	
5/24/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
11/29/2004	--	ND<50	--	--	--	--	--	--	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-7											
5/15/1997	--	--	--	--	--	--	--	--	--	2.21	
5/4/1998	--	--	--	--	--	--	--	--	--	3.09	
11/4/2003	--	ND<500	--	--	--	--	--	--	--	--	
5/24/2004	ND<5.0	ND<50	ND<0.5	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	
11/29/2004	--	ND<50	--	--	--	--	--	--	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	

Table 2a
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-8											
5/15/1997	--	--	--	--	--	--	--	--	--	2.88	
5/20/1999	ND	ND	--	--	--	ND	ND	ND	--	3.55	
11/15/1999	ND	ND	--	--	--	ND	ND	ND	--	--	
11/4/2003	ND<200	ND<1000	--	--	--	ND<4.0	ND<4.0	ND<4.0	--	--	
5/24/2004	ND<25	ND<250	ND<2.5	--	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	
11/29/2004	ND<100	ND<1000	ND<10	--	ND<10	ND<20	ND<10	ND<10	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	0.95	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	13	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-9											
5/6/1996	--	--	--	--	--	--	--	--	3.25	4.23	
11/5/1996	--	--	--	--	--	--	--	--	--	2.98	
5/15/1997	--	--	--	--	--	--	--	--	--	3.04	
11/12/1997	--	--	--	--	--	--	--	--	--	4.02	
5/4/1998	--	--	--	--	--	--	--	--	--	3.41	
11/11/1998	--	--	--	--	--	--	--	--	--	5.19	

Table 2a
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
5/20/1999	--	--	--	--	--	--	--	--	--	4.46	
5/24/2004	29	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
11/29/2004	23	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	11	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-10											
5/15/1997	--	--	--	--	--	--	--	--	--	1.61	
5/4/1998	--	--	--	--	--	--	--	--	--	2.85	
11/4/2003	--	ND<500	--	--	--	--	--	--	--	--	
5/24/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
11/29/2004	6.1	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	--	ND<250	--	--	--	--	--	--	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-11											
5/15/1997	--	--	--	--	--	--	--	--	--	1.68	

Table 2a
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
5/4/1998	--	--	--	--	--	--	--	--	--	2.94	
5/20/1999	--	--	--	--	--	--	--	--	--	3.22	
11/4/2003	--	ND<500	--	--	--	--	--	--	--	--	
5/24/2004	--	ND<50	--	--	--	--	--	--	--	--	
11/29/2004	--	ND<50	--	--	--	--	--	--	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	--	ND<250	--	--	--	--	--	--	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
MW-12											
5/15/1997	--	--	--	--	--	--	--	--	--	2.10	
5/4/1998	--	--	--	--	--	--	--	--	--	3.41	
11/4/2003	ND<100	ND<500	--	--	--	ND<2.0	ND<2.0	ND<2.0	--	--	
5/24/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
11/29/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	--	ND<250	--	--	--	--	--	--	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
RW-1											
11/7/1995	--	--	--	--	--	--	--	--	2.13	--	

Table 2a
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 0746

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
11/4/2003	ND<2000	ND<10000	--	--	--	ND<40	ND<40	ND<40	--	--	
5/24/2004	ND<50	ND<500	ND<5.0	--	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	
11/29/2004	38	ND<100	ND<1.0	--	ND<1.0	ND<2.0	ND<1.0	1.3	--	--	
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--	
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--	
12/21/2006	34	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--	
12/13/2007	--	ND<500	--	--	--	--	--	--	--	--	
6/9/2008	--	ND<1200	--	--	--	--	--	--	--	--	
12/30/2008	--	ND<1200	--	--	--	--	--	--	--	--	
9/28/2009	--	ND<1200	--	--	--	--	--	--	--	--	
12/15/2009	--	ND<1200	--	--	--	--	--	--	--	--	
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--	
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	

ARCADIS

Attachment C

Laboratory Report and Chain-of-Custody Documentation

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 06/15/2012

Kathy Brandt

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Project:	0746
BC Work Order:	1209946
Invoice ID:	B124117

Enclosed are the results of analyses for samples received by the laboratory on 6/1/2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form 3
Laboratory / Client Sample Cross Reference 5

Sample Results

1209946-01 - MW-1-W-120601
Volatile Organic Analysis (EPA Method 8260) 9
Purgeable Aromatics and Total Petroleum Hydrocarbons 10

1209946-02 - MW-2-W-120601
Volatile Organic Analysis (EPA Method 8260) 11
Purgeable Aromatics and Total Petroleum Hydrocarbons 12

1209946-03 - MW-3-W-120601
Volatile Organic Analysis (EPA Method 8260) 13
Purgeable Aromatics and Total Petroleum Hydrocarbons 14

1209946-04 - MW-4-W-120601
Volatile Organic Analysis (EPA Method 8260) 15
Purgeable Aromatics and Total Petroleum Hydrocarbons 16

1209946-05 - MW-6-W-120601
Volatile Organic Analysis (EPA Method 8260) 17
Purgeable Aromatics and Total Petroleum Hydrocarbons 18

1209946-06 - MW-7-W-120601
Volatile Organic Analysis (EPA Method 8260) 19
Purgeable Aromatics and Total Petroleum Hydrocarbons 20

1209946-07 - MW-10-W-120601
Volatile Organic Analysis (EPA Method 8260) 21
Purgeable Aromatics and Total Petroleum Hydrocarbons 22

1209946-08 - MW-11-W-120601
Volatile Organic Analysis (EPA Method 8260) 23
Purgeable Aromatics and Total Petroleum Hydrocarbons 24

1209946-09 - MW-12-W-120601
Volatile Organic Analysis (EPA Method 8260) 25
Purgeable Aromatics and Total Petroleum Hydrocarbons 26

1209946-10 - RW-1-W-120601
Volatile Organic Analysis (EPA Method 8260) 27
Purgeable Aromatics and Total Petroleum Hydrocarbons 28

Quality Control Reports

Volatile Organic Analysis (EPA Method 8260)
Method Blank Analysis 29
Laboratory Control Sample 30
Precision and Accuracy 31

Purgeable Aromatics and Total Petroleum Hydrocarbons
Method Blank Analysis 32
Laboratory Control Sample 33
Precision and Accuracy 34

Notes

Notes and Definitions 35

1209946

CHAIN OF CUSTODY FORM

Union Oil Company of California ■ 6101 Bollinger Canyon Road ■ San Ramon, CA 94583

COC 1 of 1

Union Oil Site ID: 0746	Union Oil Consultant: Arcadis
Site Global ID: T0600101471	Consultant Contact: Kathy Brandt
Site Address: 3943 Broadway Oakland, CA	Consultant Phone No.: 510 596 9675
	Sampling Company: TRC
Union Oil PM: Roya Kambin	Sampled By (PRINT): Andrew Vidrers
Union Oil PM Phone No.: 925 790 6270	Sampler Signature:
Charge Code: NWRTB-0 351647 -0- LAB	BC Laboratories, Inc.
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.	Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911

Turnaround Time (TAT): Standard X 24 Hours ☐ 48 Hours ☐ 72 Hours ☐

Special Instructions: Run 8 OXYs by 8260 on all 8260 MTBE hits.

SAMPLE ID						ANALYSES REQUIRED											
Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by 8015B (C6-C12)	BTEX/MTBE by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	EDB/EDC by 8260B						Notes / Comments
MW-1	W-S-A	-1	120601	0742	6		X	X	X		X						
MW-2	W-S-A	-2		0810													
MW-3	W-S-A	-3		0900													
MW-4	W-S-A	-4		0909													
MW-6	W-S-A	-5		0721													
MW-7	W-S-A	-6		0934													
MW-10	W-S-A	-7		0912													
MW-11	W-S-A	-8		1212													
MW-12	W-S-A	-9		0925													
RW-1	W-S-A	-10		0940													
	W-S-A																
	W-S-A																

CHK BY: JAW

DISTRIBUTION: 1

SUB-OUT ☐

Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time:
	TRC	6/1/12 1415	Gary Bogan	BC Lab	6-1-12 1630	Ideli	BC Labs	6-1-12 19:45
Received By	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time:**
Gary Bogan	BC Lab	6-1-12 1415	Ideli	BC Labs	6-1-12 16:30	KOM	BC Lab	6-1-12 1945

Chain of Custody and Cooler Receipt Form for 1209946 Page 2 of 2

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 1 Of 1

Submission #: 1209946

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☐ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

☑ COC Received ☑ YES ☐ NO

Emissivity: 0.95 Container: VOA Thermometer ID: 177

Temperature: A 2.0 °C / C 2.2 °C

Date/Time 6-1-12 1950

Analyst Init JRW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
4oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A16	A15	A16	A16	A16	A16	A16	A16	A16	A16
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: 1 voa from -2. broken in lab

Sample Numbering Completed By: KLQ Date/Time: 6-1-12 2200

A = Actual / C = Corrected

[H:\DOCS\WPB0\LAB_DOCS\FORMS\SAMREC2.WPD]

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1209946-01	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 07:42
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-1-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-1			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1209946-02	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 08:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-2-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-2			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1209946-03	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-3-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-3			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1209946-04	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 09:09
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-4-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-4			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1209946-05	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 07:21
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-6-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-6			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1209946-06	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 09:34
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-7-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-7			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1209946-07	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 09:12
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-10-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-10			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1209946-08	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 12:12
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-11-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-11			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1209946-09	**COC Number:**	---	**Receive Date:**	06/01/2012 19:45
	Project Number:	0746	**Sampling Date:**	06/01/2012 09:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-12-W-120601	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101471			
	Location ID (FieldPoint): MW-12			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information

1209946-10

COC Number: ---
Project Number: 0746
Sampling Location: ---
Sampling Point: RW-1-W-120601
Sampled By: TRCI

Receive Date: 06/01/2012 19:45
Sampling Date: 06/01/2012 09:40
Sample Depth: ---
Lab Matrix: Water
Sample Type: Groundwater
Delivery Work Order:
Global ID: T0600101471
Location ID (FieldPoint): RW-1
Matrix: W
Sample QC Type (SACode): CS
Cooler ID:

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-01 | **Client Sample Name:** 0746, MW-1-W-120601, 6/1/2012 7:42:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**0.87**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 14:02	JMC	MS-V12	1	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-01 | **Client Sample Name:** 0746, MW-1-W-120601, 6/1/2012 7:42:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	78.4	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/05/12	06/07/12 12:05	jjh	GC-V4	1	BVF0366

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-02 | **Client Sample Name:** 0746, MW-2-W-120601, 6/1/2012 8:10:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**2.9**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 13:44	JMC	MS-V12	1	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-02 | **Client Sample Name:** 0746, MW-2-W-120601, 6/1/2012 8:10:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	75.0	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/05/12	06/07/12 12:27	jjh	GC-V4	1	BVF0366

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-03 | **Client Sample Name:** 0746, MW-3-W-120601, 6/1/2012 9:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**4.6**	**ug/L**	**0.50**	**EPA-8260**	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	**17**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Methyl t-butyl ether	**19**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	**3.4**	**ug/L**	**1.0**	**EPA-8260**	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	106	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	132	%	86 - 115 (LCL - UCL)	EPA-8260		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 13:26	JMC	MS-V12	1	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-03 | **Client Sample Name:** 0746, MW-3-W-120601, 6/1/2012 9:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	**4300**	**ug/L**	**500**	**EPA-8015B**	ND	**A01**	1
a,a,a-Trifluorotoluene (FID Surrogate)	94.1	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/12/12	06/14/12 08:49	jjh	GC-V4	10	BVF0524

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-04 | **Client Sample Name:** 0746, MW-4-W-120601, 6/1/2012 9:09:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	2.5	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	2.5	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	2.5	EPA-8260	ND	A01	1
Ethylbenzene	ND	ug/L	2.5	EPA-8260	ND	A01	1
Methyl t-butyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
Toluene	ND	ug/L	2.5	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	5.0	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	1200	EPA-8260	ND	A01	1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	90.6	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 13:09	JMC	MS-V12	5	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-04 | **Client Sample Name:** 0746, MW-4-W-120601, 6/1/2012 9:09:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	**680**	**ug/L**	**50**	**EPA-8015B**	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	94.6	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/07/12	06/08/12 11:29	jjh	GC-V4	1	BVF0524

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-05 | **Client Sample Name:** 0746, MW-6-W-120601, 6/1/2012 7:21:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**0.64**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 12:51	JMC	MS-V12	1	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-05 | **Client Sample Name:** 0746, MW-6-W-120601, 6/1/2012 7:21:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	88.1	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/07/12	06/08/12 11:51	jjh	GC-V4	1	BVF0729

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-06 | **Client Sample Name:** 0746, MW-7-W-120601, 6/1/2012 9:34:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**0.71**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 12:34	JMC	MS-V12	1	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-06 | **Client Sample Name:** 0746, MW-7-W-120601, 6/1/2012 9:34:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	86.0	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/07/12	06/08/12 12:14	jjh	GC-V4	1	BVF0729

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-07 | **Client Sample Name:** 0746, MW-10-W-120601, 6/1/2012 9:12:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**1.1**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 10:30	JMC	MS-V12	1	BVF0294

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-07 | **Client Sample Name:** 0746, MW-10-W-120601, 6/1/2012 9:12:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	86.7	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/07/12	06/08/12 12:36	jjh	GC-V4	1	BVF0449

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-08 | **Client Sample Name:** 0746, MW-11-W-120601, 6/1/2012 12:12:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 10:13	JMC	MS-V12	1	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-08 | **Client Sample Name:** 0746, MW-11-W-120601, 6/1/2012 12:12:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	92.9	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/07/12	06/07/12 17:04	jjh	GC-V4	1	BVF0449

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-09 | **Client Sample Name:** 0746, MW-12-W-120601, 6/1/2012 9:25:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**1.2**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 09:55	JMC	MS-V12	1	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-09 | **Client Sample Name:** 0746, MW-12-W-120601, 6/1/2012 9:25:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	92.5	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/07/12	06/07/12 17:27	jjh	GC-V4	1	BVF0449

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1209946-10 | **Client Sample Name:** 0746, RW-1-W-120601, 6/1/2012 9:40:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**140**	**ug/L**	**2.5**	**EPA-8260**	ND	**A01**	1
1,2-Dibromoethane	ND	ug/L	2.5	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	2.5	EPA-8260	ND	A01	1
Ethylbenzene	**56**	**ug/L**	**2.5**	**EPA-8260**	ND	**A01**	1
Methyl t-butyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
Toluene	ND	ug/L	2.5	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	5.0	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	1200	EPA-8260	ND	A01	1
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	90.4	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/05/12	06/05/12 09:37	JMC	MS-V12	5	BVF0293

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1209946-10 | **Client Sample Name:** 0746, RW-1-W-120601, 6/1/2012 9:40:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C6 - C12)	**3600**	**ug/L**	**500**	**EPA-8015B**	ND	**A01**	1
a,a,a-Trifluorotoluene (FID Surrogate)	98.6	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	06/07/12	06/13/12 00:14	jjh	GC-V4	10	BVF0449

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BVF0293						
Benzene	BVF0293-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BVF0293-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BVF0293-BLK1	ND	ug/L	0.50		
Ethylbenzene	BVF0293-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BVF0293-BLK1	ND	ug/L	0.50		
Toluene	BVF0293-BLK1	ND	ug/L	0.50		
Total Xylenes	BVF0293-BLK1	ND	ug/L	1.0		
Ethanol	BVF0293-BLK1	ND	ug/L	250		
1,2-Dichloroethane-d4 (Surrogate)	BVF0293-BLK1	106	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BVF0293-BLK1	103	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BVF0293-BLK1	97.3	%	86 - 115 (LCL - UCL)		
QC Batch ID: BVF0294						
Benzene	BVF0294-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BVF0294-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BVF0294-BLK1	ND	ug/L	0.50		
Ethylbenzene	BVF0294-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BVF0294-BLK1	ND	ug/L	0.50		
Toluene	BVF0294-BLK1	ND	ug/L	0.50		
Total Xylenes	BVF0294-BLK1	ND	ug/L	1.0		
Ethanol	BVF0294-BLK1	ND	ug/L	250		
1,2-Dichloroethane-d4 (Surrogate)	BVF0294-BLK1	108	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BVF0294-BLK1	105	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BVF0294-BLK1	102	%	86 - 115 (LCL - UCL)		

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BVF0293										
Benzene	BVF0293-BS1	LCS	26.140	25.000	ug/L	105		70 - 130		
Toluene	BVF0293-BS1	LCS	25.580	25.000	ug/L	102		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BVF0293-BS1	LCS	10.420	10.000	ug/L	104		76 - 114		
Toluene-d8 (Surrogate)	BVF0293-BS1	LCS	9.9500	10.000	ug/L	99.5		88 - 110		
4-Bromofluorobenzene (Surrogate)	BVF0293-BS1	LCS	10.900	10.000	ug/L	109		86 - 115		
QC Batch ID: BVF0294										
Benzene	BVF0294-BS1	LCS	24.990	25.000	ug/L	100		70 - 130		
Toluene	BVF0294-BS1	LCS	24.890	25.000	ug/L	99.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BVF0294-BS1	LCS	9.9200	10.000	ug/L	99.2		76 - 114		
Toluene-d8 (Surrogate)	BVF0294-BS1	LCS	10.050	10.000	ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BVF0294-BS1	LCS	10.860	10.000	ug/L	109		86 - 115		

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BVF0293	Used client sample: Y - Description: MW-11-W-120601, 06/01/2012 12:12										
Benzene	MS	1209946-08	ND	25.640	25.000	ug/L		103		70 - 130	
	MSD	1209946-08	ND	25.680	25.000	ug/L	0.2	103	20	70 - 130	
Toluene	MS	1209946-08	ND	25.540	25.000	ug/L		102		70 - 130	
	MSD	1209946-08	ND	25.430	25.000	ug/L	0.4	102	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1209946-08	ND	10.280	10.000	ug/L		103		76 - 114	
	MSD	1209946-08	ND	10.120	10.000	ug/L	1.6	101		76 - 114	
Toluene-d8 (Surrogate)	MS	1209946-08	ND	10.150	10.000	ug/L		102		88 - 110	
	MSD	1209946-08	ND	10.230	10.000	ug/L	0.8	102		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1209946-08	ND	10.840	10.000	ug/L		108		86 - 115	
	MSD	1209946-08	ND	10.680	10.000	ug/L	1.5	107		86 - 115	
QC Batch ID: BVF0294	Used client sample: Y - Description: MW-10-W-120601, 06/01/2012 09:12										
Benzene	MS	1209946-07	ND	25.310	25.000	ug/L		101		70 - 130	
	MSD	1209946-07	ND	26.680	25.000	ug/L	5.3	107	20	70 - 130	
Toluene	MS	1209946-07	ND	25.320	25.000	ug/L		101		70 - 130	
	MSD	1209946-07	ND	25.970	25.000	ug/L	2.5	104	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1209946-07	ND	10.050	10.000	ug/L		100		76 - 114	
	MSD	1209946-07	ND	9.8400	10.000	ug/L	2.1	98.4		76 - 114	
Toluene-d8 (Surrogate)	MS	1209946-07	ND	9.9500	10.000	ug/L		99.5		88 - 110	
	MSD	1209946-07	ND	9.9100	10.000	ug/L	0.4	99.1		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1209946-07	ND	10.920	10.000	ug/L		109		86 - 115	
	MSD	1209946-07	ND	10.930	10.000	ug/L	0.1	109		86 - 115	

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BVF0366						
Gasoline Range Organics (C6 - C12)	BVF0366-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (FID Surrogate)	BVF0366-BLK1	77.1	%	70 - 130 (LCL - UCL)		
QC Batch ID: BVF0449						
Gasoline Range Organics (C6 - C12)	BVF0449-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (FID Surrogate)	BVF0449-BLK1	87.4	%	70 - 130 (LCL - UCL)		
QC Batch ID: BVF0524						
Gasoline Range Organics (C6 - C12)	BVF0524-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (FID Surrogate)	BVF0524-BLK1	85.2	%	70 - 130 (LCL - UCL)		
QC Batch ID: BVF0729						
Gasoline Range Organics (C6 - C12)	BVF0729-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (FID Surrogate)	BVF0729-BLK1	85.4	%	70 - 130 (LCL - UCL)		

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BVF0366										
Gasoline Range Organics (C6 - C12)	BVF0366-BS1	LCS	1069.3		ug/L			85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BVF0366-BS1	LCS	37.387	40.000	ug/L	93.5		70 - 130		
QC Batch ID: BVF0449										
Gasoline Range Organics (C6 - C12)	BVF0449-BS1	LCS	1002.8		ug/L			85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BVF0449-BS1	LCS	39.489	40.000	ug/L	98.7		70 - 130		
QC Batch ID: BVF0524										
Gasoline Range Organics (C6 - C12)	BVF0524-BS1	LCS	1060.5		ug/L			85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BVF0524-BS1	LCS	38.630	40.000	ug/L	96.6		70 - 130		
QC Batch ID: BVF0729										
Gasoline Range Organics (C6 - C12)	BVF0729-BS1	LCS	990.43		ug/L			85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BVF0729-BS1	LCS	38.942	40.000	ug/L	97.4		70 - 130		

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BVF0366	Used client sample: N										
Gasoline Range Organics (C6 - C12)	MS	1207076-88	ND	1023.3		ug/L				70 - 130	
	MSD	1207076-88	ND	1043.7		ug/L	2.0		20	70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1207076-88	ND	35.377	40.000	ug/L		88.4		70 - 130	
	MSD	1207076-88	ND	35.926	40.000	ug/L	1.5	89.8		70 - 130	
QC Batch ID: BVF0449	Used client sample: N										
Gasoline Range Organics (C6 - C12)	MS	1207076-90	ND	1017.8		ug/L				70 - 130	
	MSD	1207076-90	ND	962.83		ug/L	5.5		20	70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1207076-90	ND	40.346	40.000	ug/L		101		70 - 130	
	MSD	1207076-90	ND	42.892	40.000	ug/L	6.1	107		70 - 130	
QC Batch ID: BVF0524	Used client sample: N										
Gasoline Range Organics (C6 - C12)	MS	1210608-02	ND	1055.2		ug/L				70 - 130	
	MSD	1210608-02	ND	1076.6		ug/L	2.0		20	70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1210608-02	ND	38.058	40.000	ug/L		95.1		70 - 130	
	MSD	1210608-02	ND	39.448	40.000	ug/L	3.6	98.6		70 - 130	
QC Batch ID: BVF0729	Used client sample: N										
Gasoline Range Organics (C6 - C12)	MS	1210608-03	ND	1028.7		ug/L				70 - 130	
	MSD	1210608-03	ND	975.08		ug/L	5.4		20	70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1210608-03	ND	39.978	40.000	ug/L		99.9		70 - 130	
	MSD	1210608-03	ND	38.567	40.000	ug/L	3.6	96.4		70 - 130	

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 06/15/2012 14:36
Project: 0746
Project Number: 351647
Project Manager: Kathy Brandt

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
S09	The surrogate recovery on the sample for this compound was not within the control limits.