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2:55 pm, Feb 05, 2009

Alameda County Environmental Health

January 28, 2009

Ms. Barbara Jakub Alameda County Environmental Health 1131 Harbor Bay Parkway Alameda, CA 94502

Re: Quarterly Summary Report Transmittal Third Quarter 2008 76 Service Station #3292 15008 East 14th Street San Leandro, California

Case No. # RO0000366

Dear Ms. Jakub:

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

If you have any questions or need additional information, please call:

Ted Moise (Contractor) ConocoPhillips Risk Management & Remediation 76 Broadway Sacramento, CA 95818

Phone: (510) 245-5162 Fax: (918) 662-4480

Sincerely,

-A-

Eric G. Hetrick Site Manager Risk Management & Remediation

Attachment

February 3, 2009

Ms. Barbara Jakub Alameda County Health Care Services 1131 Harbor Bay Parkway Alameda, California 94502-6577



RE: Quarterly Summary Report – Third Quarter 2008 Delta Project No.: C1Q-3292-604 ACEH Case No: RO366

Dear Ms. Jakub:

On behalf of ConocoPhillips (COP), Delta Consultants, Inc. (Delta) is forwarding the quarterly summary report for the following location:

Service Station

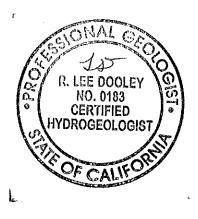
Location

ConocoPhillips Site No. 3292

15008 East 14th Street San Leandro, California

Sincerely, **Delta Consultants**

Lee Dooley Senior Project Manager CHG 183



Cc: Mr. Ted Moise - ConocoPhillips (electronic copy only)



Quarterly Summary Report Third Quarter – 2008

Tosco 76 Branded Facility No. 3292 15008 East 14th Street San Leandro, Alameda County, CA

PREVIOUS ASSESSMENT ACTIVITIES

January 1991 Two gasoline-containing underground storage tanks (USTs) and one waste oil UST were removed from the site. Holes were observed in one gasoline UST. Groundwater was encountered in the gasoline UST excavation. Approximately 15,700 gallons of water were pumped from the UST pit, and one grab groundwater sample was collected for laboratory analyses. The groundwater sample contained 13,000 micrograms per liter (ug/l) of total petroleum hydrocarbons as gasoline (TPH-G) and 64 ug/l of benzene. Confirmation soil samples contained maximum concentrations of 2,600 milligrams per kilograms (mg/kg) of TPH-G and 7.1 mg/kg of benzene.

<u>February 1991</u> Product piping was replaced. Confirmation soil samples contained low concentrations of petroleum hydrocarbons.

April 1991 Five on-site groundwater monitoring wells were installed.

May and August 1992 Six off-site groundwater monitoring wells were installed.

May 1995 An oil/water separator was abandoned.

<u>May 1998</u> Two on-site and two off-site soil borings were advanced to approximately 12 feet below ground surface (bgs). Grab groundwater samples were collected and submitted for analysis

<u>May 2003</u> A Tier II Risk-Based Corrective Action (RBCA) evaluation was performed for the site and case closure was requested. Closure was not granted.

October 2003 Site environmental consulting responsibilities were transferred to TRC.

<u>October 2007</u> Site environmental consulting responsibilities were transferred to Delta Consultants.

SENSITIVE RECEPTORS

In January 2006, TRC completed a sensitive receptor survey for the site. According to Department of Water Resources (DWR) records, thirteen wells are located within a one-half mile radius of the site. The closest well is located approximately 1,250 feet southwest of the site, in the direction of groundwater flow, and is identified by the DWR as an irrigation/domestic well. According to the well drillers report, the well is screened from 24 to 56 feet bgs, in a deeper water-bearing zone than the wells monitored on-site.

Two additional wells are located in the direction of groundwater flow, approximately 1,650 and 1,720 feet southwest of the site, respectively. These two wells are listed as irrigation wells and are screened from 17 to 40 feet bgs, within the same apparent shallow water-bearing zone as on-site monitoring wells.

The nearest surface water is Estudillo Canal, located approximately 2,800 feet south of the site.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

MONITORING AND SAMPLING

The groundwater monitoring well network, consisting of five on-site and eight off-site monitoring wells, has been monitored and sampled on a quarterly basis since May 1991. Two of the off-site wells (MW-2(SP) and MW-3(SP)) are located on an adjacent parcel (Shadrall Property), situated downgradient.

During the most recent groundwater sampling event conducted on September 15 2008, reported depth to groundwater in the site area ranged from 11 feet (MW-7) to 12.65 feet (MW-8) below top of casing (TOC), with 1.09 feet average decrease in groundwater elevation. Groundwater elevation beneath the site typically fluctuates by approximately 2-3 feet annually. The groundwater flow direction during the third quarter 2008 was reported south at a gradient of 0.004 feet per feet (ft/ft). Reported historical groundwater flow direction (since 2000) has ranged from south to southwest (see rose diagram – Figure 1).

Currently, five of the thirteen site area wells are sampled quarterly, while ten wells are sampled on a semi-annual basis during the second and fourth quarters. During the third quarter 2008, groundwater samples were collected from wells MW-1, MW-2, MW-9, MW-10, and MW-11. Since 2000, wells MW-3, MW-4, and MW-6 have been used only for groundwater gauging. During third quarter 2008, groundwater samples were analyzed for TPH-G by GC/MS; benzene, toluene, ethyl-benzene, and xylenes (BTEX), methyl tertiary butyl ether (MTBE), and ethanol by US Environmental Protection Agency (EPA) Method 8260. Dissolved oxygen (DO) readings were also measured for each of the thirteen wells at the time of gauging.

TPH-G was reported in all of the five wells sampled during third quarter 2008, with a maximum concentration in on-site well MW-1 (3,500 ug/l). The current concentration is within the historic range for previous TPH-G concentrations in well MW-1 over approximately the past eight to ten monitoring events. TPH-G concentrations in the other sampled wells were detected at 2,100 μ g/l or less.

Benzene was reported in one of the five wells sampled during the third quarter 2008, with a concentration of 0.67 μ g/l in off-site well MW-10. Historically, benzene has been routinely detected in well MW-10, although it has not been detected in this well for the previous two quarters. Since 2004, concentrations in well MW-10 have typically been below 5 ug/l. With the exception of well MW-7 (1.5 ug/l in June 2007), benzene has not been detected in most other site area wells since approximately 2002.

MTBE was reported in two of the five wells sampled during third quarter 2008, with a maximum concentration in off-site well MW-11 (25 ug/l). With the exception of fourth quarter 2007 (23 ug/l), the third quarter 2008 concentration is a historic low for well MW-11 since May 2003. MTBE was also detected in on-site well MW-1 at a concentration of 21 ug/l. Although this is an increase from second quarter 2008 (6.3 ug/l), the detection value appears to be consistent with recent historical results for this well.

Ethanol was not detected in any sampled wells during third quarter 2008. Ethanol has never been detected in any site area well.

DO levels (pre-purge) during the third quarter 2008 ranged from 0.67 mg/l to 5.08 mg/l, with readings for most site area wells measuring approximately 1.0 mg/l.

CONCLUSIONS AND RECOMMENDATIONS

The third quarter 2008 analytical data indicates that the observed petroleum hydrocarbon concentrations beneath the site area during the second quarter 2008 have remained mostly stable into the third quarter 2008. Historically, the maximum on-site TPH-G concentrations have been detected in wells MW-1 and MW-5, located adjacent and downgradient of the site UST complex and dispenser islands, respectively. The dissolved petroleum hydrocarbon plume appears to have migrated off-site, with off-site well detections dating back to at least 1992.

However, a second dissolved petroleum hydrocarbon plume, associated with the former Mobil station, also appears to have migrated off-site prior to 1992.

MTBE is routinely detected in wells MW-1, MW-2(SP), MW-5, and MW-11, and the dissolved oxygenate plume appears to have migrated off-site. However, based upon historic data, MTBE concentrations appear to be gradually declining.

Groundwater monitoring will continue on a quarterly basis. Groundwater analysis will include TPH-G, BTEX compounds, MTBE, and ethanol by EPA Method 8260B.

THIS QUARTER'S ACTIVITIES (Third Quarter 2008)

• TRC performed the Third Quarter 2008 quarterly monitoring and sampling event and prepared a quarterly monitoring report.

NEXT QUARTER'S ACTIVITIES (Fourth Quarter 2008)

• TRC performed the Fourth Quarter 2008 groundwater monitoring and sampling event and prepared a quarterly monitoring report.

CONSULTANT: Delta Consultants

QTRC	
	21 Technology Drive Irvine, CA 92618
	949.727.9336 PHONE 949.727.7399 FAX
	www.TRCsolutions.com
DATE:	October 16, 2008
TO:	ConocoPhillips Company 76 Broadway Sacramento, CA 95818
ATTN:	MR TED MOISE
SITE:	76 STATION 3292 15008 EAST 14 ^{1H} STREET SAN LEANDRO, CALIFORNIA
RE:	QUARTERLY MONITORING REPORT JULY THROUGH SEPTEMBER 2008

Dear Mr. Moise,

Please find enclosed our Quarterly Monitoring Report for 76 Station 3292, located at 15008 East 14th Street, San Leandro, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

Anju Farfan Groundwater Program Operations Manager

CC: Ms. Caitlin Morgan, Delta Consultants (4 copies)

Enclosures 20-0400/3292R20 QMS

QUARTERLY MONITORING REPORT JULY THROUGH SEPTEMBER 2008

76 STATION 3292 15008 East 14th Street San Leandro, California

Prepared For:

Mr. Ted Moise CONOCOPHILLIPS COMPANY 76 Broadway Sacramento, California 95818

By:

No PG3531 CAL

Senior Project Geologist, Irvine Operations

Date: _//



LIST OF ATTACHMENTS										
Summary Sheet	Summary of Gauging and Sampling Activities									
Tables	Table KeyContents of TablesTable 1: Current Fluid Levels and Selected Analytical ResultsTable 1a: Additional Current Analytical ResultsTable 2: Historic Fluid Levels and Selected Analytical ResultsTable 2a: Additional Historic Analytical Results									
Figures	 Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map 									
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time									
Field Activities	General Field Procedures Field Monitoring Data Sheet - 9/15/08 Groundwater Sampling Field Notes - 9/15/08 Field Measurements - 9/15/08									
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records									
Statements	Purge Water Disposal Limitations									

Summary of Gauging and Sampling Activities July 2008 through September 2008 76 Station 3292 15008 East 14th Street San Leandro, CA

Project Coordinator: Ted Moise Telephone: 510-245-5162	Water Sampling Contractor: TRC Compiled by: Christina Carrillo
Date(s) of Gauging/Sampling Event: 09/15/08	
Sample Points	
Groundwater wells: 5 onsite, 8 offsite Purging method: Bailer/diaphragm pump Purge water disposal: Veolia/Rodeo Unit 100 Other Sample Points: 0 Type:	Points gauged: 13 Points sampled: 5
Liquid Phase Hydrocarbons (LPH)	
Sample Points with LPH: 0 Maximum thickness (fe LPH removal frequency: Treatment or disposal of water/LPH:	et): Method:
Hydrogeologic Parameters	
Depth to groundwater (below TOC): Minimum: 11 Average groundwater elevation (relative to available low Average change in groundwater elevation since previou Interpreted groundwater gradient and flow direction: Current event: 0.004 ft/ft, south Previous event: 0.004 ft/ft, south (06/18/08)	cal datum): 24.36 feet
Selected Laboratory Results	
•	ble Points above MCL (1.0 μg/l): 0 μ g/l (MW-10)
•	imum: 3,500 μg/l (MW-1) imum: 25 μg/l (MW-11)

Notes:

MW-2(SP)=Sampled Q2 and Q4 only, MW-3=Monitored only, MW-3(SP)=Sampled Q2 and Q4 only, MW-4=Monitored only, MW-5=Sampled Q2 and Q4 only, MW-6=Monitored only, MW-7=Sampled Q2 and Q4 only, MW-8=Sampled Q2 and Q4 only

This report presents the results of groundwater monitoring and sampling activities performed by TRC Please contact the primary consultant for other specific information on this site.

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TABLES

TABLE KEY

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SIANDARD ABBREVIATIONS												
=	n	ot analyzed, measured, or collected										
LPH =	li	iquid-phase hydrocarbons										
Trace =	le	ess than 0 01 foot of LPH in well										
μg/l =	n	nicrograms per liter (approx equivalent to parts per billion, ppb)										
mg/1 =	n	nilligrams per liter (approx. equivalent to parts per million, ppm)										
ND < =		ot detected at or above laboratory detection limit										
TOC =		op of casing (surveyed reference elevation)										
ANALYTES												
BTEX		= benzene, toluene, ethylbenzene, and (total) xylenes										
DIPE		= di-isopropyl ether										
ETBE		= ethyl tertiary butyl ether										
MIBE		= methyl tertiary butyl ether										
PCB		= polychlorinated biphenyls										
PCE		= tetrachloroethene										
TBA		= tertiary butyl alcohol										
TCA		= trichloroethane										
TCE		= trichloroethene										
TPH-G		 total petroleum hydrocarbons with gasoline distinction 										
TPH-G (GC/MS))	= total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B										
TPH-D		 total petroleum hydrocarbons with diesel distinction 										
IRPH		= total recoverable petroleum hydrocarbons										
TAME		= tertiary amyl methyl ether										
1,1 -D CA		= 1,1-dichloroethane										
1 ,2-DCA		= 1,2-dichloroethane (same as EDC, ethylene dichloride)										
1,1 -D CE		= 1,1-dichloroethene										
1 ,2-D CE		= 1,2-dichloroethene (cis- and trans-)										

NOIES

- 1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
- Groundwater elevations for wells with LPH are calculated as: Surface Elevation Measured Depth to Water + 2. (Dp x LPH Thickness), where Dp is the density of the LPH, if known A value of 0 75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel
- Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures). 3.
- 4 Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
- A "J" flag indicates that a reported analytical result is an estimated concentration value between the method 5 detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
- Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a 6 complete list of laboratory flags.
- 7 Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
- 8. Groundwater vs. Time graphs may be corrected for apparent level changes due to re-survey.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 3292 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

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Contents of Tables 1 and 2 Site: 76 Station 3292

97

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 1a	Well/ Date	Ethanol (8260B)	Pre-purge Dissolved Oxygen										
Historic D	ata												
Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 2a	Well/ Date	тва	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	1,2- Dichloro- benzene	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	

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Table 1CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTSSeptember 15, 200876 Station 3292

Date	TOC	Depth to Water	LPH Thickness		Change in						_			Comments
Sampled	Elevation	water	Inickness	water Elevation	Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	
	(feet)	(feet)	(feet)	(feet)	(feet)	(μg/l)	(UC/MS) (μg/l)	μg/l)	(µg/l)	(µg/l)	(µg/l)	(8021B) (µg/l)	(8200B) (µg/l)	
MW-1	(1000)	(1001)		. ,	l in feet: 7.0		(18-1)	(18-1	. (1847)	(-8-)	(1-9-1)	(1-8-1)	(FB'-)	· · · · · · · · · · · · · · ·
9/15/200)8 36.34	11.91	0.00	24.43	-1.13		3500	ND<2.5	ND<2.5	ND<2.5	ND<5.0		21	
MW-2				en Interval	l in feet: 7.0	-19.5)								
9/15/200	08 36.30	11.75	0.00	24.55	-1.12		1400	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-2(SP)			(Scree	en Interval	l in feet: 11.	.0-21.0)								
9/15/200	08 35.44	11.71	0.00	23.73	-0.96									Sampled Q2 and Q4 only
MW-3			(Scree	en Interval	l in feet: 7.0	-22.5)								
9/15/200	08 36.42	11.89	0.00	24.53	-1.62									Monitored only
MW-3(SP)			(Scree	en Interval	l in feet: 11.	.0-21.0)								
9/15/200)8 35.82	11.75	0.00	24,07	-1.05									Sampled Q2 and Q4 only
MW-4			(Scree	en Interval	l in feet: 7.0	-19.5)								
9/15/200	08 37.04	12.47	0.00	24.57	-1.07									Monitored only
MW-5			(Scree	en Interval	l in feet: 7.0	-22.5)								
9/15/200)8 35.92	11.49	0.00	24.43	-1.11									Sampled Q2 and Q4 only
MW-6			(Scree	en Interval	l in feet: 8.0	-20.0)								
9/15/200	08 35.68	11.04	0.00	24.64	-1.12									Monitored only
MW-7			(Scree	en Interval	l in feet: 11.	.0-21.5)								
9/15/200	36.06	11.00	0.00	25.06	-1.02									Sampled Q2 and Q4 only
MW-8			(Scree	en Interval	l in feet: 8.0	-19.0)								
9/15/200	36.87	12.65	0.00	24.22	-1.15									Sampled Q2 and Q4 only
MW-9			(Scree	en Interval	l in feet: 8.0	-19.0)								
9/15/200	08 36.27	12.02	0.00	24.25	-1.12		120	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-10					l in feet: 8.0	-20.0)								
9/15/200	36.02	11.84	0.00	24.18	-1.07		2100	0.67	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
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Table 1CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTSSeptember 15, 200876 Station 3292

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-11			(Scree	n Interval	l in feet: 7.0)-19.0)								
9/15/20	08 35.50	11.42	0.00	24.08	-0.64		580	ND<0.50	ND<0.50	ND<0.50	ND<1.0		25	



Table 1 aADDITIONAL CURRENT ANALYTICAL RESULTS76 Station 3292

Date Sampled	Ethanol (8260B) (µg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-1 9/15/2008	ND<1200	i.34
MW-2 9/15/2008	ND<250	1.12
MW-2(SP) 9/15/2008		1.61
MW-3 9/15/2008		0.71
MW-3(SP) 9/15/2008		0.70
MW-4 9/15/2008		1.35
MW-5 9/15/2008		1.22
MW-6 9/15/2008		1.26
MW-7 9/15/2008		0.67
MW-8 9/15/2008		0.69
MW-9 9/15/2008	ND<250	5.08
MW-10 9/15/2008	ND<250	1.24
3292		





Table 1 aADDITIONAL CURRENT ANALYTICAL RESULTS76 Station 3292

Date		Pre-purge	
Sampled	Ethanol	Dissolved	
	(8260B)	Oxygen	
	(µg/l)	(mg/l)	
MW-11 9/15/2008	ND<250	4.90	

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Date Sampled	TOC Elevatior	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
<u></u>	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1			(Scre	en Interva	l in feet: 7.()-19.0)								
9/19/19	91					26000		130	16	1300	1800			
12/18/19	91					17000		160	20	1400	1600			
3/17/19	92					23000		320	19	1000	940			
5/19/19	92					29000		650	370	1100	1200			
8/20/19	92					18000		230	22	640	950			
9/16/19	92 36.7	2 13.67	0.00	23.05										
10/12/19	92 36.7	2 14.07	0.00	22.65	-0.40									
11/10/19	92 36.7	2 13.96	0.00	22.76	0.11	18000		220	ND	690	830			
12/10/19	92 36.7	2 13.15	0.00	23.57	0.81									
1/15/19	93 36.7	2 10.02	0.00	26.70	3.13									
2/20/19	93 36.7	2 9.01	0.00	27.71	1.01	19000		190	ND	880	620			
3/18/19	93 36.7	2 9.48	0.00	27.24	-0.47									
4/20/19	93 36.7	9.15	0.00	27.57	0.33				يا ت					
5/21/19	93 36.7	9.80	0.00	26.92	-0.65	27000		150	200	1200	950			
6/22/19	93 36.7	2 10.33	0.00	26.39	-0.53									
7/23/19	93 36.7	2 10.79	0.00	25.93	-0.46									
8/23/19	93 36.7	2 11.27	0.00	25.45	-0.48	24000		160	110	840	810			
9/24/19	93 36.3	7 11.35	0.00	25.02	-0.43									
11/23/19	93 36.3	7 11.84	0.00	24.53	-0.49	18000		210	63	900	620			
2/24/19	94 36.3	9.45	0.00	26.92	2.39	18000		74	30	940	480			
5/25/19	94 36.3	7 10.45	0.00	25.92	-1.00	6400		72	ND	170	67			
8/23/19	94 36.3	7 11.98	0.00	24.39	-1.53	24000		130	57	970	320			

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change 111 Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1	continued	i												
11/23/19	994 36.37	11.17	0.00	25.20	0.81	23000		180	44	970	270			
2/3/199	95 36.37	8.01	0.00	28.36	3.16	20000		77	17	950	390			
5/10/19	95 36.37	8.51	0.00	27.86	-0.50	16000		230	27	880	630			
8/2/199	95 36.37	10.00	0.00	26.37	-1.49	18000		190	ND	860	590			
11/2/19	95 36.37	11.11	0.00	25.26	-1.11									
11/20/19	95 36.37	11.19	0.00	25.18	-0.08	20000		180	ND	960	450	970		
2/8/199	96 36.37	7.74	0.00	28.63	3.45	15000		43	16	940	410	5200		
5/8/199	96 36.37	8.50	0.00	27.87	-0.76	16000		37	16	930	410	1600		
8/9/199	6 36.37	9.72	0.00	26.65	-1.22	2300		25	ND	77	39	1200		
11/7/19	96 36.37	10.74	0.00	25.63	-1.02	38000		140	ND	1900	5600	ND		
2/10/19	97 36.37	7.92	0.00	28.45	2.82	7300		91	ND	170	68	1700		
2/11/19	97 36.37													
5/7/199	97 36.37	9.24	0.00	27.13		11000		120	ND	470	110	1200		
8/5/199	97 36.37	10.20	0.00	26.17	-0.96	530		5.9	ND	5.6	ND	430		
11/4/19	97 36.37	10.71	0.00	25.66	-0.51	4100		50	7	64	14	97		
2/12/19	98 36.37	6.27	0.00	30.10	4.44	8500		160	ND	550	ND	1900		
5/15/19	98 36.34	7.62	0.00	28.72	-1.38	5600		57	ND	290	ND	1500		
8/12/19	98 36.34	8.85	0.00	27.49	-1.23	ND		ND	ND	ND	ND	5800		
11/12/19	98 36.34	9.71	0.00	26.63	-0.86	ND		16	ND	ND	ND	12000	13000	
3/1/199	9 36.34	7.85	0.00	28.49	1.86	5700		43	ND	320	ND	5000	9600	
5/12/19	99 36.34	8.70	0.00	27.64	-0.85	ND		36	ND	ND	ND	12000	21000	
8/11/19	99 36.34	9.81	0.00	26.53	-1.11	ND		ND	ND	ND	ND	5760	8650	
11/4/19	99 36.34	10.72	0.00	25.62	-0.91	1640		11	ND	ND	ND	3330	3630	

Page 2 of 42



Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through September 2008 76 Station 3292

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
<u></u>	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 2/29/20	continued 00 36.34		0.00	29.03	3.41	195		ND	ND	ND	ND	580	657	
5/8/200	0 36.34	8.27	0.00	28.07	-0.96	9010		60.5	ND	402	ND	2260	1780	
8/8/200	0 36.34	9.85	0.00	26.49	-1.58	2060		34.8	ND	38.7	ND	1710	1990	
11/6/20	00 36.34	10.05	0.00	26.29	-0.20	2300		19.3	ND	4.37	ND	592		
2/7/200	36.34	9.64	0.00	26.70	0.41	2700		25	ND	38	ND	1500	840	
5/9/200	36.34	9.81	0.00	26.53	-0.17	5550		42.7	ND	48.4	ND	605	431	
8/24/20	01 36.34	11.21	0.00	25.13	-1.40	15000		130	ND<20	170	ND<20	820		
11/16/20	01 36.34	11.49	0.00	24.85	-0.28	8900		65	ND<10	46	ND<10	640	490	
2/21/20	02 36.34	8.93	0.00	27.41	2.56	7400		73	ND<10	100	ND<10	400	170	
5/10/20	02 36.34	9.82	0.00	26.52	-0.89	6000		67	6.7	58	ND<5.0	ND<50		
8/26/20	02 36.34	11.03	0.00	25.31	-1.21		9200	ND<10	ND<10	62	ND<20		120	
11/7/20	02 36.34	11.53	0.00	24.81	-0.50		2200	ND<2.5	ND<2.5	4.6	ND<5.0		20	
2/14/200	03 36.34	9.03	0.00	27.31	2.50		4300	ND<2.5	ND<2.5	23	ND<5.0		35	
5/12/20	03 36.34	8.61	0.00	27.73	0.42		5000	ND<0.50	0.50	13	ND<1.0		32	
8/11/20	03 36.34	10.37	0.00	25.97	-1.76		2900	ND<0.50	ND<0.50	4.4	ND<1.0		17	
11/13/20	03 36.34	11.21	0.00	25.13	-0.84		8100	ND<5.0	ND<5.0	45	ND<10		82	
2/17/200	04 36.34	9.35	0.00	26.99	1.86		8200	ND<2.5	ND<2.5	84	ND<5.0		33	
5/20/20	04 36.34	10.15	0.00	26.19	-0.80		9200	ND<5.0	ND<5.0	78	ND<10		24	
8/25/200	04 36.34	11.37	0.00	24.97	-1.22		8500	ND<2.5	ND<2.5	64	ND<5.0		33	
11/2/200	04 36.34	10.93	0.00	25.41	0.44		9500	ND<5.0	ND<5.0	34	ND<10		61	
3/17/20	05 36.34	8.28	0.00	28.06	2.65		10000	ND<0.50	0.96	35	ND<1.0		21	
6/13/20	05 36.34	8.59	0.00	27.75	-0.31		8500	ND<5.0	ND<5.0	48	ND<10		10	
9/27/20	05 36.34	10.25	0.00	26.09	-1.66		ND<500	ND<5.0	ND<5.0	ND<5.0	ND<10		100	



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1														
12/20/20	05 36.34	9.61	0.00	26.73	0.64		6000	ND<0.50	0.62	20	ND<1.0		9.9	
3/10/20	06 36.34	7.58	0.00	28.76	2.03		4500	ND<2.5	ND<2.5	22	ND<5.0		10	
6/20/20	06 36.34	8.76	0.00	27.58	-1.18		4700	ND<2.5	ND<2.5	10	ND<5.0		3.2	
9/25/20	06 36.34	9.01	0.00	27.33	-0.25		5600	ND<1.0	ND<1.0	7.8	ND<1.0		3.0	
12/18/20	06 36.34	9.25	0.00	27.09	-0.24		8300	2.1	1.2	220	37		ND<0.50	
3/29/20	07 36.34	9.53	0.00	26.81	-0.28		5300	ND<0.50	ND<0.50	12	ND<0.50		5.8	
6/26/20	07 36.34	10.46	0.00	25.88	-0.93		5300	ND<0.50	ND<0.50	7.4	ND<0.50		4.9	
9/26/20	07 36.34	11.46	0.00	24.88	-1.00		2600	ND<2.5	ND<2.5	ND<2.5	ND<2.5		17	
12/18/20	007 36.34	11.24	0.00	25.10	0.22		6100	ND<2.5	ND<2.5	2.9	ND<5.0		42	
3/25/20	08 36.34	9.57	0.00	26.77	1.67		3100	ND<2.5	ND<2.5	4.0	ND<5.0		8.6	
6/18/20	08 36.34	10.78	0.00	25.56	-1.21		1400	ND<0.50	0.56	1.4	ND<1.0		6.3	
9/15/20	08 36.34	11.91	0.00	24.43	-1.13		3500	ND<2.5	ND<2.5	ND<2.5	ND<5.0		21	
MW-2			(Scre	en Interval	in feet: 7.0	-19.5)								
5/4/199	91					19000		6.6	1.4	460	630			
9/19/19	91					19000		100	6.8	790	310			
12/18/19	91					10000		110	5.1	420	96			
3/17/19	92					16000		110	ND	730	220			
5/19/19	92					17000		140	87	680	170			
8/20/19	92					13000		52	ND	660	70			
9/16/19	92 36.89	13.80	0.00	23.09										
10/12/19	992 36.89	14.19	0.00	22.70	-0.39									
11/10/19	992 36.89	14.06	0.00	22.83	0.13	11000		36	7.2	570	45			
12/10/19	92 36.89	13.21	0.00	23.68	0.85									
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Page 4 of 42

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change 1n Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2	continued	ł												
1/15/19	93 36.89	10.12	0.00	26.77	3.09									
2/20/19	93 36.89	9.07	0.00	27.82	1.05	1500		2.9	3.8	9.1	ND			
3/18/19	93 36.89	9.55	0.00	27.34	-0.48									
4/20/19	93 36.89	9.19	0.00	27.70	0.36									
5/21/19	93 36.89	9.84	0.00	27.05	-0.65	9500		37	ND	470	62			
6/22/19	93 36.89	10.37	0.00	26.52	-0.53									
7/23/19	93 36.89	10.83	0.00	26.06	-0.46									
8/23/19	93 36.89	11.30	0.00	25.59	-0.47	15000		110	ND	590	64			
9/24/19	93 36.34	11.14	0.00	25.20	-0.39									
11/23/19	93 36.34	11.69	0.00	24.65	-0.55	11000		80	10	480	20			
2/24/19	94 36.34	9.27	0.00	27.07	2.42	11000		44	ND	580	32			
5/25/19	94 36.34	10.30	0.00	26.04	-1.03	11000		50	ND	400	22			
8/23/19	94 36.34	11.82	0.00	24.52	-1.52	12000		45	10	360	20			
11/23/19	994 36.34	10.97	0.00	25.37	0.85	15000		61	24	440	ND			
2/3/199	95 36.34	7.87	0.00	28.47	3.10	9700		5.7	ND	250	10			
5/10/19	95 36.34	8.38	0.00	27.96	-0.51	7500		56	4.7	310	33			
8/2/199	95 36.34	9.36	0.00	26.98	-0.98	8200		53	22	220	25			
11/2/19	95 36.34	10.95	0.00	25.39	-1.59	5000		56	4.5	170	7.7	110		
2/8/199	6 36.34	7.52	0.00	28.82	3.43	7200		ND	ND	170	ND	ND		
5/8/199	96 36.34	8.21	0.00	28.13	-0.69	8400		5.6	9	170	10	130		
8/9/199	6 36.34	9.54	0.00	26.80	-1.33	3100		24	ND	80	ND	64		
11/7/19	96 36.34	10.69	0.00	25.65	-1.15	36000		140	ND	1900	5600	ND		
2/10/19	97 36.34	7.75	0.00	28.59	2.94	4600		27	ND	53	ND	ND		

3292

Page 5 of 42



Date Sampled	TOC Elevation		LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyi- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2 2/11/19	continued 97 36.34													
5/7/199	7 36.34	9.14	0.00	27.20		5300		61	ND	78	20	180		
8/5/199		10.23	0.00	26.11	-1.09	3100		35	ND	13	ND	58		
11/4/19	97 36.34	10.65	0.00	25.69	-0.42	1200		16	ND	11	25	53		
2/12/19	98 36.34	6.20	0.00	30.14	4.45	630		12	ND	7.3	ND	48		
5/15/19	98 36.30	7.50	0.00	28.80	-1.34	3600		19	ND	33	ND	72		
8/12/19	98 36.30	8.82	0.00	27.48	-1.32	3100		44	6 . i	15	5.7	270		
11/12/19	98 36.30	9.60	0.00	26.70	-0.78	3200		44	ND	15	ND	180		
3/1/199	9 36.30	7.81	0.00	28.49	1.79	3600		45	6.2	7.5	ND	570		
5/12/19	99 36.30	8.65	0.00	27.65	-0.84	3100		65	ND	15	17	450		
8/11/19	99 36.30	9.95	0.00	26.35	-1.30	3260		33.6	ND	ND	ND	154		
11/4/19	99 36.30	10.78	0.00	25.52	-0.83	3160		38.9	7.1	ND	ND	120		
2/29/20	00 36.30	7.44	0.00	28.86	3.34	3770		13.5	ND	12	ND	105		
5/8/200	0 36.30	8.42	0.00	27.88	-0.98	3840		ND	ND	9.54	ND	ND		
8/8/200	0 36.30	9.66	0.00	26.64	-1.24	3080		40.8	ND	ND	ND	149		
11/6/20	00 36.30	9.79	0.00	26.51	-0.13	2510		38.8	4.42	ND	ND	82.6		
2/7/200	36.30	9.43	0.00	26.87	0.36	9300		140	120	71	140	790		
5/9/200	36.30	9.65	0.00	26.65	-0.22	3300		37.9	ND	ND	ND	120		
8/24/20	01 36.30	11.06	0.00	25.24	-1.41	3100		ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50		
11/16/20	001 36.30	11,19	0.00	25.11	-0.13	2200		28	ND<5.0	ND<5.0	ND<5.0	76		
2/21/20	02 36.30	8.73	0.00	27.57	2.46	2700		33	ND<5.0	ND<5.0	ND<5.0	100		
5/10/20	02 36.30	9.7 1	0.00	26.59	-0.98	2300		30	ND<5.0	ND<5.0	ND<5.0	ND<50		
8/26/20	02 36.30	10.88	0.00	25.42	-1.17		4400	ND<5.0	ND<5.0	ND<5.0	ND<10		ND<20	

Page 6 of 42

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	(μg/l)	(6621 D) (μg/l)	(8200 L) (μg/l)	
MW-2	continued	1												· · · · · · · · · · · · · · · · · · ·
11/7/20	02 36.30	11.16	0.00	25.14	-0.28		1100	ND<2.5	ND<2.5	ND<2.5	ND<5.0		ND<10	
2/14/20	03 36.30	8.91	0.00	27.39	2.25		1800	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
5/12/20	03 36.30	8.73	0.00	27.57	0.18		2900	ND<0.50	ND<0.50	0.89	ND<1.0		ND<2.0	
8/11/20	03 36.30	10.51	0.00	25.79	-1.78		2200	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
11/13/20	03 36.30	11.06	0.00	25.24	-0.55		1100	1.2	0.68	0.78	2.6		ND<2.0	
2/17/20	04 36.30	9.17	0.00	27.13	1.89		2800	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
5/20/20	04 36.30	10.02	0.00	26.28	-0.85		2500	ND<0.50	0.96	i.i	ND<1.0		ND<0.50	
8/25/20	04 36.30	11.19	0.00	25.11	-1.17		2900	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
11/2/20	04 36.30	10.74	0.00	25.56	0.45		2500	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/17/20	05 36.30	8.13	0.00	28.17	2.61		2700	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
6/13/20	05 36.30	8.47	0.00	27.83	-0.34		4100	ND<0.50	ND<0.50	1.4	ND<1.0		ND<0.50	
9/27/20	05 36.30	10.11	0.00	26.19	-1.64		2400	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
12/20/20	005 36.30	9.39	0.00	26.91	0.72		2100	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/10/20	06 36.30	7.43	0.00	28.87	1.96		2300	ND<2.5	ND<2.5	ND<2.5	ND<5.0		ND<2.5	
6/20/20	06 36.30	8.59	0.00	27.71	-1.16		2200	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
9/25/20	06 36.30	9.76	0.00	26.54	-1.17		2300	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
12/18/20)06 36.30	9.07	0.00	27.23	0.69		1200	ND<0.50	ND<0.50	ND<0.50	0.58		ND<0.50	Sampled on 12-26-06
3/29/20	07 36.30	10.36	0.00	25.94	-1.29		1100	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
6/26/20	07 36.30	10.30	0.00	26.00	0.06		1800	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
9/26/20	07 36.30	11.30	0.00	25.00	-1.00		500	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
12/18/20	07 36.30	11.05	0.00	25.25	0.25		460	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/25/20	08 36.30	9.42	0.00	26.88	1.63		1600	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
6/18/20	08 36.30	10.63	0.00	25.67	-1.21		2400	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
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Page 7 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2 9/15/20	continued 08 36.30	11.75	0.00	24.55	-1.12		1400	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-2(SP)	I		(Scre		l in feet: 11.	.0-21.0)								
5/8/199	35.44	9.12	0.00	26.32		540		0.68	21	i,	i.7	ND		
8/9/199	35.44	9.98	0.00	25.46	-0.86	170		ND	7.8	ND	ND	ND		
11/7/19	96 35.44	10.98	0.00	24.46	-1.00	430		8.9	1.5	ND	ND	10		
2/10/19	97 35.44	8.63	0.00	26.81	2.35	230		4.6	i	ND	ND	10		
2/11/19	97 35.44													
5/7/199	35.44	9.58	0.00	25.86		ND		ND	ND	ND	ND	14		
8/5/199	35.44	10.62	0.00	24.82	-1.04	360		5.5	50	ND	ND	ND		
11/4/19	97 35.44	11.06	0.00	24.38	-0.44	280		2.9	13	ND	0.54	ND		
2/12/19	98 35.44	7.71	0.00	27.73	3.35	440		10	1.6	ND	0.69	13		
5/15/19	98 35.44	8.50	0.00	26.94	-0.79	540		10	1.1	ND	1.1	15		
8/12/19	98 35.44	9.43	0.00	26.01	-0.93	ND		ND	ND	ND	ND	ND		
11/12/19	98 35.44	9.98	0.00	25.46	-0.55	300		6.1	ND	ND	4	ND		
3/1/199	9 35.44	8.70	0.00	26.74	1.28	57		ND	ND	ND	ND	4.5		
5/12/19	99 35.44	9.45	0.00	25.99	-0.75	ND		ND	ND	ND	ND	5		
8/11/19	99 35.44	10.08	0.00	25.36	-0.63	337		ND	ND	ND	ND	12.4		
11/4/19	99 35.44	10.91	0.00	24.53	-0.83	317		8.31	ND	ND	ND	7.81		
2/29/20	00 35.44	8.04	0.00	27.40	2.87									Sampled semi-annually
5/8/200	0 35.44	9.10	0.00	26.34	-1.06	131		ND	ND	ND	ND	ND	4.83	
8/8/200	0 35.44	9.91	0.00	25.53	-0.81									
11/6/20	00 35.44	10.20	0.00	25.24	-0.29	183		ND	ND	ND	ND	ND		
2/7/200	35.44	9.70	0.00	25.74	0.50									

Page 8 of 42

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Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through September 2008 76 Station 3292

Date Sampled	TOC Elevat			LPH Thickness	Ground- water Elevation	Change 1n Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total	MTBE	MTBE (8260B)	Comments
	(feet) (feet	t)	(feet)	(feet)	(feet)	(8015W) (μg/l)	(UC/MS) (μg/l)	(µg/l)	(μg/l)	(μg/l)	Xylenes (μg/l)	(8021B) (µg/l)	(8200B) (µg/l)	
MW-2(SP) c	ontinued													
5/9/200		5.44 9	.98	0.00	25.46	-0.28	ND		ND	ND	ND	ND	ND		
8/24/20	01 3:	5.44 11	.15	0.00	24.29	-1.17				~~					Sampled semi-annually
11/16/20	001 35	5.44 11	.31	0.00	24.13	-0.16	250		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0		
2/21/20	02 33	5.44 9.	.55	0.00	25.89	1.76									
5/10/20	02 33	5.44 10	0.01	0.00	25.43	-0.46	180		ND<0.50	ND<0.50	ND<0.50	0.71	10		
8/26/20	02 33	5.44 11	.03	0.00	24.41	-1.02									Sampled semi-annually
11/7/20	02 33	5.44 11	.12	0.00	24.32	-0.09		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		5.4	
2/14/20	03 3.	5.44 9.	.60	0.00	25.84	1.52									Sampled semi-annually
5/12/20	03 33	5.44 9	.21	0.00	26.23	0.39		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		8.4	
8/11/20	03 35	5.44 10).87	0.00	24.57	-1.66									Monitored Only
11/13/20	003 35	5.44													Covered with asphalt
2/17/20	04 3.	5.44 9.	.79	0.00	25.65										Monitored Only
5/20/20	04 3.	5.44 10).29	0.00	25.15	-0.50		260	ND<0.50	ND<0.50	ND<0.50	ND<1.0		11	
8/25/20	04 3.	5.44 11	.25	0.00	24.19	-0.96									Monitored Only
11/2/20	04 33	5.44 10).87	0.00	24.57	0.38		150	ND<0.50	ND<0.50	ND<0.50	ND<1.0		6.1	
3/17/20	05 35	5.44 8	.91	0.00	26.53	1.96									Sampled Semi-Annually
6/13/20	05 35	5.44 9.	.10	0.00	26.34	-0.19		260	ND<0.50	ND<0.50	0.64	ND<1.0		10	
9/27/20	05 35	5.44 10).34	0.00	25.10	-1.24									Sampled semi-annually
12/20/20	005 35	5.44 10).48	0.00	24.96	-0.14		260	ND<0.50	ND<0.50	ND<0.50	ND<1.0		3.6	
3/10/20	06 35	5.44 8	.50	0.00	26.94	1.98									Sampled Q2 and Q4 only
6/20/20	06 33	5.44 9.	.26	0.00	26.18	-0.76		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		4.9	
9/25/20	06 35	5.44 10).11	0.00	25.33	-0.85									Sampled Q2 and Q4 only
12/18/20	006 35	5.44 9.	.64	0.00	25.80	0.47		120	ND<0.50	ND<0.50	ND<0.50	ND<0.50		1.6	
3292									Page 9	of 42					



Page 9 of 42

Date Sampled	TOC Elevat		LPH Thickness		Change in Elevation	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	Comments
			12			(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021 B)	(8260B)	
	(feet) (feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)							
MW-2(S		ontinued												
3/29/200		5.44 9.77		25.67	-0.13									Sampled Q2 and Q4 only
6/26/200		5.44 10.4		24.96	-0.71		200	ND<0.50	ND<0.50	ND<0.50	ND<0.50		4.0	
9/26/200		5.44 11.3		24.12	-0.84									Sampled Q2 and Q4 only
12/18/20		5.44 11.1		24.29	0.17		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/25/200		5.44 9.02		26.42	2.13	·								Sampled Q2 and Q4 only
6/18/200		5.44 10.7		24.69	-1.73		170	ND<0.50	ND<0.50	ND<0.50	ND<1.0		4.3	
9/15/200	08 3.	5.44 11.7	1 0.00	23.73	-0.96									Sampled Q2 and Q4 only
MW-3			(Scre	en Interva	l in feet: 7.0									
5/4/199						9100		2	ND	55	180			
9/19/199	91					7600		ND	13	190	170			
12/18/19	91					5900		54	6.4	110	64			
3/17/199	92					5800		66	7.5	100	58			
5/19/199	92					3400		25	3.6	66	41			
8/20/199	92					4500		58	ND	65	35			
9/16/199	92 30	5.84 13.74	4 0.00	23.10										
10/12/19	92 36	5.84 14.1	3 0.00	22.71	-0.39									
11/10/19	92 36	5.84 14.0	3 0.00	22.81	0.10	3400		37	ND	85	34			
12/10/19	92 36	5.84 13.1	5 0.00	23.69	0.88									
1/15/199	93 36	5.84 10.0	7 0.00	26.77	3.08									
2/20/199	93 36	5.84 9.02	0.00	27.82	1.05	1600		12	18	8.9	12			
3/18/199	93 36	5.84 9.50	0.00	27.34	-0.48								·	
4/20/199	93 36	5.84 9.02	0.00	27.82	0.48									
5/21/199	93 36	5.84 9.70	0.00	27.14	-0.68	2600		42	ND	43	15			
3292								Page 1	0 of 42					©TRC

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-3	continued													
6/22/19	93 36.84	10.28	0.00	26.56	-0.58									
7/23/19	93 36.84	10.74	0.00	26.10	-0.46									
8/23/19	93 36.84	11.24	0.00	25.60	-0.50	2900		25	ND	50	18			
9/24/19	93 36.42	11.20	0.00	25.22	-0.38									
11/23/19	993 36.42	11.78	0.00	24.64	-0.58	2300		34	ND	24	5.6			
2/24/19	94 36.42	9.21	0.00	27.21	2.57	3400		46	ND	53	11			
5/25/19	94 36.42	10.34	0.00	26.08	-1.13	1400		20	ND	ND	ND			
8/23/19	94 36.42	11.88	0.00	24.54	-1.54	2900		37	49	14	2.9			
11/23/19	994 36.42	10.98	0.00	25.44	0.90	3200		48	ND	22	ND			
2/3/199	95 36.42	7.82	0.00	28.60	3.16	780		13	ND	2.1	ND			
5/10/19	95 36.42	8.38	0.00	28.04	-0.56	1300		ND	ND	ND	ND			
8/2/199	95 36.42	9.49	0.00	26.93	-i.11	1500		6.3	ND	16	2.1			
11/2/19	95 36.42	11.00	0.00	25.42	-1.51	1100		5.2	2.1	7.4	0.5	15		
2/8/199	96 36.42	7.41	0.00	29.01	3.59	450		ND	ND	ND	ND	ND		
5/8/199	96 36.42	8.20	0.00	28.22	-0.79	590		ND	11	10	ND	ND		
8/9/199	96 36.42	9.53	0.00	26.89	-1.33	ND		ND	ND	ND	ND	ND		
11/7/19	96 36.42	10.96	0.00	25.46	-1.43	140		1.2	ND	ND	ND	5.6		
2/10/19	97 36.42	7.71	0.00	28.71	3.25	89		i.8	ND	ND	ND	ND		
2/11/19	97 36.42													
5/7/199	97 36.42	9.17	0.00	27.25		52		ND	ND	ND	5.1	5.1		
8/5/199	97 36.42	10.27	0.00	26.15	-1.10	ND		ND	ND	ND	ND	ND		
11/4/19	97 36.42	10.83	0.00	25.59	-0.56	93		1.8	ND	ND	ND	6.2		
2/12/19	98 36.42	6.00	0.00	30,42	4.83	56		0.59	ND	ND	ND	2.7		

Page 11 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-3 5/15/19	continued 98 36.42		0.00	20.00	i 40	120		0.69	ND		0.62	10		
8/12/19			0.00	29.00 27.58	-1.42 -1.42	130 50		0.68	ND	ND	0.63	10		
11/12/19			0.00	27.38	-0.73	50 60		ND ND	ND	ND ND	ND ND	ND		
3/1/199			0.00	20.85	0.83	66		ND	ND	ND	ND	3.8 3.2		
5/12/19			0.00	27.08	-0.18	ND		ND	ND					
8/11/19									ND	ND	ND	ND		
11/4/19				26.24	-1.26	ND		ND		ND	ND	ND		
				25.36	-0.88	ND		ND	ND	ND	ND	ND		
2/29/20														Not Monitored/Sampled
8/8/200				26.39										
11/6/20				26.32	-0.07									
2/7/200)1 36.42	9.81	0.00	26.61	0.29									
5/9/200	36.42	9.58	0.00	26.84	0.23									
8/24/20	01 36.42	11.12	0.00	25.30	-1.54									
11/16/20	01 36.42	10.84	0.00	25.58	0.28									
2/21/20	02 36.42	8.68	0.00	27.74	2.16									
5/10/20	02 36.42	9.71	0.00	26.71	-1.03									
8/26/20	02 36.42	10.85	0.00	25.57	-1.14									
11/7/20	02 36.42	10.89	0.00	25.53	-0.04									
2/14/20	03 36.42	8.72	0.00	27.70	2.17									
5/12/20	03 36.42	8.25	0.00	28.17	0.47									
8/11/20	03 36.42	10.64	0.00	25.78	-2.39									
11/13/20	03 36.42													Covered with asphalt
2/17/20	04 36.42	9.17	0.00	27.25										Monitored Only
3292								Page 12	c of 42					PTPC

Date	TOC	Depth to	LPH	Ground-	Change									Comments
Sampled I	Elevation	Water	Thickness		ın Elevatıon	TPH-G	TPH-G	'n		Ethyi-	Total	MTBE	MTBE	
	(feet)	(feet)	(feet)	(feet)	(feet)	(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
		. ,	(Ieel)	(Ieel)	(Icel)	(µg/l)								
MW-3 5/20/2004	continued 4 36.42	10.03	0.00	26.39	-0.86									Monitored Only
8/25/2004				25.16	-1.23									Monitored Only
11/2/2004				25.64	0.48									Monitored Only
3/17/200:			0.00	28.29	2.65									Monitored Only
6/13/200			0.00	28.01	-0.28									Monitored only
9/27/200:		10.13		26.29	-1.72									Monitored Only
12/20/200		10.20		26.22	-0.07									Monitored Only
3/10/2000			0.00	29.03	2.81									Monitored Only
6/20/2000			0.00	28.25	-0.78									Monitored Only
9/25/2000		9.53	0.00	26.89	-1.36									Monitored Only
12/18/200			0.00	27.41	0.52									Monitored Only
3/29/200′			0.00	27.23	-0.18									Monitored Only
6/26/2001		10.09		26.33	-0.90									Monitored Only
9/26/2001		11.10		25.32	-1.01									Monitored Only
12/18/200		11.12		25.30	-0.02									Monitored only
3/25/2008		9.62	0.00	26.80	1.50									Monitored Only
6/18/2008		10.27	0.00	26.15	-0.65									Monitored Only
9/15/2008		11.89		24.53	-1.62									Monitored only
MW-3(SP)			(Same		l in feet: 11	0.21.0)								· · · · · · · · · · · · · · · · · · ·
5/8/1996	5 35.81	8.73	0.00	27.08		4700		7.9	36	13	4	42		
8/9/1996		9.73	0.00	26.08	-1.00	2000		ND	14	7.6	ND	ND		
11/7/1990		10.88		24.93	-1.15	1800		29	ND	ND	ND	40		
2/10/1991		8.16	0.00	27.65	2.72	3500		70	14	ND	ND	150		
2000								Page 13		1,12		150		

3292

Page 13 of 42

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Date Sampled	TOC Elevation		LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-3(\$		tinued												
5/7/199			0.00	26.46	-1.19	3100		48	ND	ND	ND	110		
8/5/199				25.37	-1.09	3200		43	5.7	ND	ND	61		
11/4/19	97 35.8	10.90		24.91	-0.46	2600		34	ND	ND	ND	53		
2/12/19	98 35.8	6.77	0.00	29.04	4.13	3200		62	ND	ND	ND	100		
5/15/19	98 35.8	8.02	0.00	27.80	-1.24	ND		ND	ND	ND	ND	2.5		
8/12/19	98 35.8	9.11	0.00	26.71	-1.09	110		ND	4.1	ND	ND	ND		
11/12/19	998 35.8	9.81	0.00	26.01	-0.70	1800		37	2.8	ND	ND	55		
3/1/199	9 35.8	8.27	0.00	27.55	1.54	2900		12	3.6	ND	ND	110		
5/12/19	99 35.8	8.92	0.00	26.90	-0.65	4100		34	ND	ND	ND	45		
8/11/19	99 35.8	9.59	0.00	26.23	-0.67	3220		22.8	ND	ND	ND	50.8		
11/4/19	99 35.8	2 10.86	0.00	24.96	-1.27	2460		26.6	ND	ND	ND	52.1		
2/29/20	00 35.8	2 7.92	0.00	27.90	2.94									Sampled semi-annually
5/8/200	0 35.8	9.07	0.00	26.75	-1.15	1080		ND	ND	ND	ND	ND	ND	
8/8/200	0 35.8	9.86	0.00	25.96	-0.79									
11/6/20	00 35.8	2 10.12	0.00	25.70	-0.26	3100		35	ND	ND	ND	95.7		
2/7/200	35.8	9.65	0.00	26.17	0.47									
5/9/200	01 35.8	9.79	0.00	26.03	-0.14	3350		34	ND	ND	ND	ND		
8/24/20	01 35.8	2 11.09	0.00	24.73	-1.30									Sampled semi-annually
11/16/20	01 35.8	2 11.29	0.00	24.53	-0.20	3300		47	ND<10	ND<10	ND<10	ND<100		· · · ·
2/21/20	02 35.8	2 9.19	0.00	26.63	2.10									
5/10/20	02 35.8	2 9.84	0.00	25.98	-0.65	4700		55	ND<5.0	ND<5.0	ND<5.0	140	-	
8/26/20	02 35.8	2 10.95	0.00	24.87	-i.11									Sampled semi-annually
11/7/20	02 35.8	2 11.33	0.00	24.49	-0.38		2600	ND<5.0	ND<5.0	ND<5.0	ND<10		ND<20	
3292								Page 14	of 42					(A) TOO

CTRC

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change 1n Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(μg/l)	(µg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	
MW-3(SP) conti	nued												
2/14/20	03 35.82	9.92	0.00	25.90	1.41									Sampled semi-annually
5/12/20	03 35.82	9.74	0.00	26.08	0.18		420	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
8/11/20	03 35.82	11.26	0.00	24.56	-1.52									Monitored Only
11/13/20	03 35.82													Covered with asphalt
2/17/20	04 35.82	9.54	0.00	26.28										Monitored Only
5/20/20	04 35.82	10.11	0.00	25.71	-0.57		3200	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
8/25/20	04 35.82	11.22	0.00	24.60	-i.11									Monitored Only
11/2/20	04 35.82	10.85	0.00	24.97	0.37		4500	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/17/20	05 35.82	8.55	0.00	27.27	2.30									Sampled Semi-Annually
6/13/20	05 35.82	8.75	0.00	27.07	-0.20		4100	ND<0.50	ND<0.50	1.1	ND<1.0		ND<0.50	
9/27/20	05 35.82	10.20	0.00	25.62	-1.45									Sampled semi-annually
12/20/20	05 35.82	10.35	0.00	25.47	-0.15		2200	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/10/200	06 35.82	7.80	0.00	28.02	2.55									Sampled Q2 and Q4 only
6/20/200	06 35.82	8.88	0.00	26.94	-1.08		1100	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
9/25/200	06 35.82	9.93	0.00	25.89	-1.05									Sampled Q2 and Q4 only
12/18/20	06 35.82	9.40	0.00	26.42	0.53		1900	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
3/29/200	07 35.82	9.55	0.00	26.27	-0.15									Sampled Q2 and Q4 only
6/26/200	07 35.82	10.37	0.00	25.45	-0.82		2400	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
9/26/200	07 35.82	11.33	0.00	24.49	-0.96									Sampled Q2 and Q4 only
12/18/20	07 35.82	11.11	0.00	24.71	0.22		2200	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/25/200	35.82	9.61	0.00	26.21	i.50									Sampled Q2 and Q4 only
6/18/200	35.82	10.70	0.00	25.12	-1.09		1600	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
9/15/200	35.82	11.75	0.00	24.07	-1.05									Sampled Q2 and Q4 only
2200								Page 14	5 of 42					

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Page 15 of 42

3292

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(μg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-4	MW-4 (Screen Interval in feet: 7.0-19.5)													
5/4/199	91					6300		ND	ND	2.8	61			
9/19/19	91					1800		0.83	ND	54	46			
12/18/19	991					2500		28	2.5	54	22			
3/17/19	92					1800		3.7	1.4	90	21			
5/19/19	92					2000		20	3.5	42	8.3			
8/20/19	92					1000		15	ND	11	3			
9/16/19	92 37.4	0 14.31	0.00	23.09										
10/12/19	992 37.4	0 14.72	0.00	22.68	-0.41									
11/10/19	92 37.4	0 14.57	0.00	22.83	0.15	690		9.1	ND	16	2.8			
12/10/19	992 37.4	0 13.67	0.00	23.73	0.90									
1/15/19	93 37.4	0 10.62	0.00	26.78	3.05									
2/20/19	93 37.4	0 9.59	0.00	27.81	1.03	2400		40	2.1	33	ND			
3/18/19	93 37.4	0 9.97	0.00	27.43	-0.38									
4/20/19	93 37.4	0 9.67	0.00	27.73	0.30									
5/21/19	93 37.4	0 10.32	0.00	27.08	-0.65	1900		31	ND	20	4.5			
6/22/19	93 37.4	0 10.91	0.00	26.49	-0.59									
7/23/19	93 37.4	0 11.38	0.00	26.02	-0.47									
8/23/19	93 37.4	0 11.86	0.00	25.54	-0.48	1200		5	ND	16	ND			
9/24/19	93 37.0	4 11.85	0.00	25.19	-0.35									
11/23/19	93 37.0	4 12.44	0.00	24.60	-0.59	720		10	ND	8.7	ND			
2/24/19	94 37.0	4 9.89	0.00	27.15	2.55	1300		8.9	ND	20	ND			
5/25/19	94 37.0	4 11.02	0.00	26.02	-1.13	1700		22	ND	4.5	ND			
8/23/19	94 37.0	4 12.57	0.00	24.47	-1.55	690		9.2	1.3	7.1	i.9			
								D 14	6.40					

Page 16 of 42



Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (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
		. ,	(1001)	(1000)	(1000)	(1-6/1)	(#8/1)	(#8/1)	(µg,1)	(#6/1)	(#6/1)	(#6/1)	(µg/1)	
MW-4 11/23/19	continued 94 37.04		0.00	25.39	0.92	420		5	i. i	4.2	1.2			
2/3/199			0.00	28.52	3.13	620		6.4	ND	9.3	ND			
5/10/19			0.00	27.07	-1.45	280		2.8	ND	2.7	2.4			
8/2/199			0.00	26.86	-0.21	290		3.6	ND	2.8	ND			
11/2/19			0.00	25.37	-1.49	42000		390	210	2800	6300	270		
2/8/199			0.00	28.89	3.52	130		2.1	ND	1.5	0.69	ND		
5/8/199														Inaccessible
8/9/199		10.24	0.00	26.80		ND		ND	ND	ND	ND	ND		
11/7/19				25,46	-1.34	ND		ND	ND	ND	ND	ND		
2/10/19		8.45	0.00	28.59	3.13	ND		ND	ND	ND	ND	ND		
5/7/199		9.85	0.00	27.19	-1,40	ND		ND	ND	ND	ND	ND		
8/5/199		11.04	0.00	26.00	-1.19	50		0.76	ND	ND	ND	ND		
11/4/19		11.46	0.00	25.58	-0.42	ND		ND	ND	ND	ND	ND		
2/12/19		5.75	0.00	31.29	5.71	ND		ND	ND	ND	ND	ND		
5/15/19		7.28	0.00	29.76	-1.53	ND		ND	ND	ND	ND	ND		
8/12/19		9.85	0.00	27.19	-2.57	ND		ND	ND	ND	ND	ND		
11/12/19		10.28	0.00	26.76	-0.43	ND		ND	ND	ND	ND	ND		
3/1/199		8.51	0.00	28.53	1.77	ND		ND	ND	ND	ND	ND		
5/12/19		9.32	0.00	27.72	-0.81	ND		ND	ND	ND	ND	ND		
8/11/19		10.65	0.00	26.39	-1.33	ND		ND	ND	ND	ND	ND		
11/4/19		11.48	0.00	25.56	-0.83	ND		ND	ND	ND	ND	ND		
2/29/20														Not Monitored/Sampled
8/8/200		10.67	0.00	26.37										The monitorea bunpied



Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through September 2008 76 Station 3292

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-4	continued													
11/6/20	00 37.04	10.56	0.00	26.48	0.11									
2/7/200	01 37.04	10.40	0.00	26.64	0.16									
5/9/200	01 37.04	9.16	0.00	27.88	1.24									
8/24/20	01 37.04	11.80	0.00	25.24	-2.64									
11/16/20	01 37.04	10.46	0.00	26.58	1.34									
2/21/20	02 37.04	9.37	0.00	27.67	1.09									
5/10/20	02 37.04	10.41	0.00	26.63	-i.04									
8/26/20	02 37.04	11.55	0.00	25.49	-1.14									
11/7/20	02 37.04	10.44	0.00	26.60	1.11									
2/14/20	03 37.04	9.28	0.00	27.76	i.16									
5/12/20	03 37.04	8.69	0.00	28.35	0.59									
8/11/20	03 37.04	10.83	0.00	26.21	-2.14									
11/13/20	03 37.04												-	Covered with asphalt
2/17/20	04 37.04	9.84	0.00	27.20										Monitored Only
5/20/20	04 37.04	10.68	0.00	26.36	-0.84					~*				Monitored Only
8/25/20	04 37.04	11.59	0.00	25.45	-0.91									Monitored Only
11/2/20	04 37.04	11.49	0.00	25.55	0.10									Monitored Only
3/17/20	05 37.04	9.01	0.00	28.03	2.48									Monitored only
6/13/20	05 37.04	9.17	0.00	27.87	-0.16									Monitored only
9/27/20	05 37.04	10.50	0.00	26.54	-1.33									Monitored Only
12/20/20	05 37.04	10.66	0.00	26.38	-0.16									Monitored Only
3/10/20	06 37.04	8.42	0.00	28.62	2.24									Monitored Only
6/20/20	06 37.04	9.09	0.00	27.95	-0.67									Monitored Only



Page 18 of 42

Date	TOC	Depth to	LPH	Ground-	Change									Comments
Sampled	Elevation	Water	Thickness	water Elevation	n Elevation	TPH-G	TPH-G	~	m .	Ethyl-	Totai	MTBE	MTBE	
	(feet)	(feet)	(feet)	(feet)	(feet)	(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
			(leet)	(leet)	(leet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-4 9/25/20	continued 06 37.04		0.00	27.01	-0.94									Manatara d Outra
12/18/20			0.00	27.01	0.33									Monitored Only
3/29/20			0.00	27.34	-0.23									Monitored Only
6/26/20		10.72	0.00											Monitored Only
9/26/20		11.95	0.00	26.32	-0.79									Monitored Only
12/18/20			0.00	25.09	-1.23									Monitored Only
				25.25	0.16									Monitored only
3/25/20			0.00	26.51	1.26									Monitored Only
6/18/20			0.00	25.64	-0.87									Monitored Only
9/15/20	08 37.04	12.47	0.00	24.57	-1.07									Monitored only
MW-5 (Screen Interval in feet: 7.0-22.5)														
5/4/199	91					69000		1400	2500	3500	15000			
9/19/19	91					57000		1600	2700	5200	20000			
12/18/19	91					31000		1600	3100	4800	19000			
3/17/19	92					81000		850	1600	4800	18000			
5/19/19	92					84000		760	1500	4000	17000			
8/20/19	92					58000		660	1700	4200	19000			
9/16/19	92 36.40	13.37	0.00	23.03										
10/12/19	92 36.40	13.75	0.00	22.65	-0.38									
11/10/19	92 36.40	13.68	0.00	22.72	0.07	57000		800	1800	4400	18000			
12/10/19	92 36.40	12.58	0.00	23.82	i.10									
1/15/19	93 36.40	9.71	0.00	26.69	2.87									
2/20/19	93 36.40	8.69	0.00	27.71	i.02	17000		75	ND	1000	620			
3/18/19	93 36.40	9.16	0.00	27.24	-0.47									
								D 10	- 6 40					

11

Page 19 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change 1n Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xyienes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
	continued													
4/20/19			0.00	27.52	0.28									
5/21/19		9.56	0.00	26.84	-0.68	55000		ND	160	3500	12000			
6/22/19	93 36.40	10.05	0.00	26.35	-0.49									
7/23/19	93 36.40	10.53	0.00	25.87	-0.48									
8/23/19	93 36.40	10.98	0.00	25.42	-0.45	61000		340	380	3600	14000			
9/24/19	93 35.94	10.94	0.00	25.00	-0.42									
11/23/19	993 35.94	11.45	0.00	24.49	-0.51	46000		290	310	4100	15000			
2/24/19	94 35.94	9.02	0.00	26.92	2.43	57000		140	400	4400	16000			
5/25/19	94 35.94	10.03	0.00	25.91	-1.01	53000		ND	ND	4000	14000			
8/23/19	94 35.94	11.57	0.00	24.37	-1.54	61000		360	380	4800	17000			
11/23/19	94 35.94	10.71	0.00	25.23	0.86	46000		230	260	3900	14000			
2/3/199	95 35.94	7.69	0.00	28.25	3.02	56000		140	330	3500	13000			
5/10/19	95 35.94	8.20	0.00	27.74	-0.51	27000		160	170	2200	5200			
8/2/199	95 35.94	9.23	0.00	26.71	-1.03	65000		260	300	3500	12000			
11/2/19	95 35.94	10.70	0.00	25.24	-1.47	240		0.76	ND	1.1	ND	ND		
2/8/199	96 35.94	7.36	0.00	28.58	3.34	54000		210	150	3400	12000	170		
5/8/199	6 35.94	8.25	0.00	27.69	-0.89	52000		170	200	3600	11000	170		
8/9/199	6 35.94	9.37	0.00	26.57	-1.12	25000		54	16	1700	4700	ND		
11/7/19	96 35.94	10.65	0.00	25.29	-1.28	2100		42	ND	9.3	ND	2300		
2/10/19	97 35.94	7.63	0.00	28.31	3.02	15000		46	29	1400	4100	ND		
5/7/199	35.94	8.98	0.00	26.96	-1.35	38000		120	ND	2000	5100	380		
8/5/199	35.94	11.08	0.00	24.86	-2.10	310		i	ND	17	40	ND		
11/4/19	97 35.94	10.72	0.00	25.22	0.36	20000		ND	ND	1500	2800	280		

Page 20 of 42



3292

Date	TOC	Depth to	LPH	Ground-	Change									Comments
Sampled	Elevation	Water	Thickness	water Elevation	1n Elevation	TPH-G	TPH-G	Densena	Tabaaaa	Ethyl-	Total	MTBE	MTBE	
	(feet)	(feet)	(feet)	(feet)	(feet)	(8015M) (µg/l)	(GC/MS) (µg/l)	Benzene (µg/l)	Toluene (μg/l)	benzene (µg/l)	Xylenes (µg/l)	(8021B) (µg/l)	(8260B) (µg/l)	
			(1001)	(1000)	(1001)	(µ6/1)	(#6/1)	(µ8/1)	(µg/1)	(µ6/1)	(µ5,1)	(µg/1)	(48,1)	
MW-5 2/12/19			0.00	29.86	4.64	33000		120	ND	1700	3800	ND		
5/15/19			0.00	28.52	-1.34	30000		ND	ND	2200	4900	ND		
8/12/19	98 35.92	8.69	0.00	27.23	-1.29	24000		100	ND	ND	3400	1000		
11/12/19	998 35.92	9.48	0.00	26.44	-0.79	13000		65	ND	1100	1400	780		
3/1/199	99 35.92	7.54	0.00	28.38	1.94	29000		75	ND	2000	4100	690		
5/12/19	99 35.92	8.48	0.00	27.44	-0.94	19000		110	ND	990	1900	330		
8/11/19	99 35.92	9.74	0.00	26.18	-1.26	24300		ND	ND	1540	1740	ND		
11/4/19	99 35.92	10.56	0.00	25.36	-0.82	19500		37.1	ND	1300	1030	ND		
2/29/20	00 35.92	7.19	0.00	28.73	3.37									Sampled semi-annually
5/8/200	00 35.92	8.23	0.00	27.69	-1.04	25700		37.6	ND	2020	3500	ND		
8/8/200	0 35.92	9.51	0.00	26.41	-1.28									
11/6/20	00 35.92	10.04	0.00	25.88	-0.53	14100		37.1	ND	1250	497	ND		
2/7/200)1 35.92	9.23	0.00	26.69	0.81									
5/9/200)1 35.92	9.44	0.00	26.48	-0.21	15600		ND	ND	1290	476	ND		
8/24/20	01 35.92	10.75	0.00	25.17	-1.31									Sampled semi-annually
11/16/20	001 35.92	10.93	0.00	24.99	-0.18	15000		40	ND<25	1100	54	ND<250		
2/21/20	02 35.92	8.52	0.00	27.40	2.41		. -							
5/10/20	02 35.92	9.47	0.00	26.45	-0.95	23000		86	ND<25	1500	450	ND<250		
8/26/20	02 35.92	10.60	0.00	25.32	-1.13									Sampled semi-annually
11/7/20	02 35.92	10.83	0.00	25.09	-0.23		8000	ND<2.5	ND<2.5	650	ND<5.0		ND<10	
2/14/20	03 35.92	8.70	0.00	27.22	2.13									Sampled semi-annually
5/12/20	03 35.92	8.62	0.00	27.30	0.08		10000	ND<25	ND<25	1200	ND<50		ND<100	
8/11/20	03 35.92	10.52	0.00	25.40	-1.90									Monitored Only
3292								Page 21	of 42					ATDO



Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through September 2008 76 Station 3292

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(0015101) (μg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	(μg/l)	(8021B) (µg/l)	(8200B) (µg/l)	
MW-5	continue	d												······································
11/13/20	03 35.9	2 10.82	0.00	25.10	-0.30		31000	ND<20	ND<20	2100	71		ND<80	
2/17/20	04 35.9	2 8.96	0.00	26.96	1.86									Monitored Only
5/20/20	04 35.9	2 9.80	0.00	26.12	-0.84		23000	ND<20	ND<20	1600	62		ND<20	
8/25/20	04 35.9	2 10.95	0.00	24.97	-1.15									Monitored Only
11/2/20	04 35.9	2 10.48	0.00	25.44	0.47		21000	ND<20	ND<20	1300	ND<40		ND<20	
3/17/20	05 35.9	2 7.99	0.00	27.93	2.49									Sampled Semi-Annually
6/13/20	05 35.9	2 8.31	0.00	27.61	-0.32		27000	ND<10	ND<10	1800	100		11	
9/27/20	05 35.9	2 9.90	0.00	26.02	-1.59									Sampled semi-annually
12/20/20	005 35.9	2 9.16	0.00	26.76	0.74		27000	ND<25	ND<25	1700	ND<50		27	
3/10/20	06 35.9	2 7.29	0.00	28.63	1.87									Sampled Q2 and Q4 only
6/20/20	06 35.9	2 8.45	0.00	27.47	-1.16		37000	ND<12	ND<12	1300	25		19	
9/25/20	06 35.9	2 9.37	0.00	26.55	-0.92			,						Sampled Q2 and Q4 only
12/18/20	06 35.9	2 8.90	0.00	27.02	0.47		6400	2.0	ND<0.50	250	ND<0.50		44	
3/29/20	07 35.9	2 9.14	0.00	26.78	-0.24									Sampled Q2 and Q4 only
6/26/20	07 35.9	2 10.10	0.00	25.82	-0.96		20000	0.87	ND<0.50	770	12		12	
9/26/20	07 35.9	2 11.06	0.00	24.86	-0.96									Sampled Q2 and Q4 only
12/18/20	007 35.9	2 10.76	0.00	25.16	0.30		9800	ND<2.5	ND<2.5	420	ND<5.0		6.2	
3/25/20	08 35.9	2 9.22	0.00	26.70	1.54				~=					Sampled Q2 and Q4 only
6/18/20	08 35.9	2 10.38	0.00	25.54	-1.16		17000	ND<5.0	ND<5.0	510	ND<10		ND<5.0	
9/15/20	08 35.9	2 11.49	0.00	24.43	-1,11									Sampled Q2 and Q4 only
MW-6			(Scre	en Interval	l in feet: 8.0)-20.0)								
5/19/19	92					1300		2	2.1	ND	2.7			
8/20/19	92					280		8.4	ND	0.51	0.84			
3292								Page 22	2 of 42					©TRC

Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through September 2008 76 Station 3292

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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
	continued													
9/16/19	92 36.03	12.91	0.00	23.12										
10/12/19	992 36.03	13.28	0.00	22.75	-0.37									
11/10/19	992 36.03	13.18	0.00	22.85	0.10	490		7	1.2	1.7	ND			
12/10/19	992 36.03	12.33	0.00	23.70	0.85									
1/15/19	93 36.03	9.25	0.00	26.78	3.08									
2/20/19	93 36.03	8.24	0.00	27.79	1.01	2400		43	ND	33	2			
3/18/19	93 36.03	8.74	0.00	27.29	-0.50									
4/20/19	93 36.03	8.12	0.00	27.91	0.62									
5/21/19	93 36.03	8.83	0.00	27.20	-0.71	940		18	Ì	7.1	2.7			
6/22/19	93 36.03	9.38	0.00	26.65	-0.55									
7/23/19	93 36.03	9.87	0.00	26.16	-0.49									
8/23/19	93 36.03	10.35	0.00	25.68	-0.48	1000		9.4	2.3	5	2.3			
9/24/19	93 35.67	10.34	0.00	25.33	-0.35									
11/23/19	993 35.67	10.96	0.00	24.7 1	-0.62	520		ND	1.7	1.9	0.82			
2/24/19	94 35.67	8.39	0.00	27.28	2.57	810		12	ND	2.6	0.77			
5/25/19	94 35.67	9.55	0.00	26.12	-1.16	500		11	ND	ND	0.73			
8/23/19	94 35.67	10.97	0.00	24.70	-1.42	570		8.8	2.5	3.2	2.6			
11/23/19	994 35.67	10.21	0.00	25.46	0.76	460		6.4	1.1	1.9	1.1			
2/3/199	95 35.67	6.99	0.00	28.68	3.22	660		4.8	13	1.4	ND			
5/10/19	95 35.67	7.53	0.00	28.14	-0.54	470		ND	0.65	1.4	0.67			
8/2/199	95 35.67	8.68	0.00	26.99	-1.15	360		3.2	ND	1.6	ND			
11/2/19	95 35.67	10.20	0.00	25.47	-1.52	470		ND	0.92	0.89	0.58	5.5		
2/8/199	96 35.67	6.66	0.00	29.01	3.54	450		3.1	ND	1.1	0.68	ND		

Page 23 of 42



3292

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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyi- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-6														
5/8/199		7.40	0.00	28.27	-0.74	ND		ND	ND	ND	ND	ND		
8/9/199		8.72	0.00	26.95	-1.32	ND		ND	ND	ND	ND	ND		
11/7/19		10.12	0.00	25.55	-1.40	ND		ND	ND	ND	ND	ND		
2/10/19	97 35.67	6.88	0.00	28.79	3.24	ND		ND	ND	ND	ND	ND		
5/7/199	35.67	8.32	0.00	27.35	-1.44	ND		ND	1.1	ND	ND	ND		
8/5/199	35.67	9.64	0.00	26.03	-1.32	55		0.79	ND	ND	ND	ND		
11/4/19	97 35.67	10.30	0.00	25.37	-0.66	ND		ND	ND	ND	ND	ND		
2/12/19	98 35.67	5.10	0.00	30.57	5.20	ND		ND	ND	ND	ND	ND		
5/15/19	98 35.68	6.61	0.00	29.07	-1.50	ND		ND	ND	ND	ND	ND		
8/12/19	98 35.68	8.02	0.00	27.66	-1.41	ND		ND	ND	ND	ND	ND		
11/12/19	998 35.68	8.74	0.00	26.94	-0.72	ND		ND	ND	ND	ND	ND		
3/1/199	9 35.68	7.22	0.00	28.46	1.52	ND		ND	ND	ND	ND	ND		
5/12/19	99 35.68	8.05	0.00	27.63	-0.83	ND		ND	ND	ND	ND	ND		
8/11/19	99 35.68	9.53	0.00	26.15	-1.48	ND		ND	ND	ND	ND	ND		
11/4/19	99 35.68	10.44	0.00	25.24	-0.91	ND		ND	ND	ND	ND	ND		
2/29/20	00 35.68													Not Monitored/Sampled
8/8/200	0 35.68	9.16	0.00	26.52										-
11/6/200	00 35.68	9.28	0.00	26.40	-0.12									
2/7/200	35.68	9.18	0.00	26.50	0.10									
5/9/200	1 35.68	8.76	0.00	26.92	0.42									
8/24/200	01 35.68	10.33	0.00	25.35	-1.57									
11/16/20	01 35.68	9.97	0.00	25.71	0.36									
2/21/200	02 35.68	7.86	0.00	27.82	2.11									

Page 24 of 42

CTRC

3292

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Date Sampled	Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-6	continued	0.02	0.00	06.75	. 07									
5/10/20		8.93	0.00	26.75	-1.07									
8/26/20		10.09		25.59	-1.16									
11/7/20		9.93	0.00	25.75	0.16									
2/14/20		7.90	0.00	27.78	2.03									
5/12/20		7.51	0.00	28.17	0.39									
8/11/20		9.44	0.00	26.24	-1.93									
11/13/20														Covered with asphalt
2/17/200	04 35.68	8.38	0.00	27.30										Monitored Only
5/20/200	04 35.68	9.23	0.00	26.45	-0.85									Monitored Only
8/25/20	35.68	10.79	0.00	24.89	-1.56									Monitored Only
11/2/200	04 35.68	10.00	0.00	25.68	0.79									Monitored Only
3/17/200	05 35.68	7.27	0.00	28.41	2.73									Monitored only
6/13/200	05 35.68	7.64	0.00	28.04	-0.37									Monitored only
9/27/200	05 35.68	9.36	0.00	26.32	-1.72					-				Monitored Only
12/20/20	05 35.68	9.43	0.00	26.25	-0.07									Monitored Only
3/10/200	06 35.68	6.45	0.00	29.23	2.98									Monitored Only
6/20/200	35.68	7.74	0.00	27.94	-1.29									Monitored Only
9/25/200	35.68	8.96	0.00	26.72	-1.22									Monitored Only
12/18/20	06 35.68	8.19	0.00	27.49	0.77									Monitored Only
3/29/200	35.68	9.52	0.00	26.16	-1.33									Monitored Only
6/26/200	07 35.68	9.57	0.00	26.11	-0.05									Monitored Only
9/26/200	07 35.68	10.56	0.00	25.12	-0.99									Monitored Only
12/18/20	07 35.68	10.28	0.00	25.40	0.28									Monitored only
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CTRC

Page 25 of 42

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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water	Change in	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	Comments
-				Elevation	Elevation	(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
	(feet)	(feet)	(feet)	(feet)	(feet)	(μg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-6	continued													
3/25/20		8.62	0.00	27.06	1.66									Monitored Only
6/18/20	08 35.68	9.92	0.00	25.76	-1.30									Monitored Only
9/15/20	08 35.68	11.04	0.00	24.64	-i.12									Monitored only
MW-7			(Scre	en Interval	in feet: 11	.0-21.5)								
5/19/19	92					17000		540	90	1200	1900			
8/20/19	92					13000		460	54	ND	3100			
9/16/19	92 36.40	13.23	0.00	23.17										
10/12/19	992 36.40	13.65	0.00	22.75	-0.42									
11/10/19	992 36.40	13.54	0.00	22.86	0.11	1800		74	ND	230	350			
12/10/19	992 36.40	12,52	0.00	23.88	1.02									
1/15/19	93 36.40	9.59	0.00	26.81	2.93									
2/20/19	93 36.40	8.55	0.00	27.85	1.04	1800		37	4.6	11	7.7			
3/18/19	93 36.40	8.98	0.00	27.42	-0.43									
4/20/19	93 36.40	8.52	0.00	27.88	0.46									
5/21/19	93 36.40	9.16	0.00	27.24	-0.64	22000		330	37	2100	2900			
6/22/19		9.66	0.00	26.74	-0.50									
7/23/19		10.15	0.00	26.25	-0.49									
8/23/19		10.65	0.00	25.75	-0.50	33000		360	ND	2500	4300			
9/24/19		10.77	0.00	25.32	-0.43									
11/23/19		11.28	0.00	24,81	-0.51	19000		310	30	2500	2300			
2/24/19		8.95	0.00	27.14	2.33	16000		220	19	2400	3200			
5/25/19		10.00	0.00	26.09	-1.05	14000		200	ND	1500	1800			
8/23/19	94 36.09	11.43	0.00	24.66	-1.43	19000		210	50	2000	2800			
0000								Daga 24	- £ 40					.15%

Page 26 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G	TPH-G	_	_	Ethyl-	Total	MTBE	MTBE	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(8015M) (µg/l)	(GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	benzene (µg/l)	Xylenes (µg/l)	(8021B) (µg/l)	(8260B) (µg/l)	
			(2000)	(2000)	(1000)	(1-6-1)	(PB-7)	(148-1)	(461)	(48,1)	(#61)	(µg,x)	(µg/1)	
11/23/19	continued 994 36.09		0.00	25.40	0.74	10000		220	ND	1000	730			
2/3/199	95 36.09	7.49	0.00	28.60	3.20	26000		170	ND	2300	3700			
5/10/19	95 36.09	7.88	0.00	28.21	-0.39	1300		13	1.5	170	230			
8/2/199	95 36.09	9.02	0.00	27.07	-i.14	15000		200	ND	2200	2000			
11/2/19	95 36.09	10.55	0.00	25.54	-1.53	18000		190	9.4	2100	2200	72		
2/8/199	6 36.09	7.13	0.00	28.96	3.42	19000		150	ND	2100	3000	ND		
5/8/199	96 36.09	7.11	0.00	28.98	0.02	13000		130	18	1900	1600	85		
8/9/199	6 36.09	9.07	0.00	27.02	-1.96	11000		67	ND	1700	1800	ND		
11/7/19	96 36.09	10.76	0.00	25.33	-1.69	32000		160	ND	3300	8400	570		
2/10/19	97 36.09	7.22	0.00	28.87	3.54	7100		55	ND	ND	620	ND		
2/11/19	97 36.09			:										
5/7/199	97 36.09	8.47	0.00	27.62		6000		74	ND	560	330	250		
8/5/199	7 36.09	10.25	0.00	25.84	-1.78	5000		66	ND	420	240	ND		
11/4/19	97 36.09	10.69	0.00	25.40	-0.44	20000		67	ND	2300	4300	430		
2/12/19	98 36.09	5.02	0.00	31.07	5.67	5500		95	ND	150	110	ND		
5/15/19	98 36.06	6.98	0.00	29.08	-1.99	1300		ND	ND	69	64	88		
8/12/19	98 36.06	8.42	0.00	27.64	- 1.44	1400		12	2.3	67	ND	30		
11/12/19	98 36.06	9.10	0.00	26.96	-0.68	6300		63	ND	230	100	ND		
3/1/199	99 36.06	7.14	0.00	28.92	1.96	1000		24	ND	23	26	39		
5/12/19	99 36.06	8.07	0.00	27.99	-0.93	4700		79	ND	120	210	210		
8/11/19	99 36.06	9.44	0.00	26.62	-1.37	4700		61.6	ND	58.2	23.6	187		
11/4/19	99 36.06	10.38	0.00	25.68	-0.94	5980		56.3	ND	44.5	21.2	194		
2/29/20	00 36.06	7.06	0.00	29.00	3.32									Sampled semi-annually

Page 27 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	Comments
	(feet)	(feet)	(fact)			(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
		(leet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-7 5/8/200	continued 0 36.06	8.15	0.00	27.91	-1.09	6600		80	ND	99.6	66.5	ND		
8/8/200		9.21	0.00	27.91	-1.09									
11/6/20		9.21 9.77	0.00	26.29	-0.56	 6030		 56.3	 ND	 156	 63.1			
2/7/200		9.02	0.00	20.29	0.75							281		
5/9/200		9.38	0.00	26.68	-0.36	 7460								
8/24/20		10.73		25.33				45	ND	186	94.4	ND		
11/16/20		10.75			-1.35				 ND<10					Sampled semi-annually
2/21/20			0.00	25.09	-0.24	8000		50	ND<10	61	18	ND<100		
		8.60		27.46	2.37									
5/10/20		9.28	0.00	26.78	-0.68	7100		ND<5.0	ND<5.0	140	63	ND<50		
8/26/20		10.40		-25.66	-1.12									Sampled semi-annually
11/7/20		10.95		25.11	-0.55		3400	3.1	ND<0.50	25	7.8		ND<2.0	
2/14/20	03 36.06	8.82	0.00	27.24	2.13									Sampled semi-annually
5/12/20	03 36.06	8.46	0.00	27.60	0.36		4900	3.7	0.74	130	47		ND<2.0	
8/11/20	03 36.06	10.27	0.00	25.79	-i.81									Monitored Only
11/13/20	03 36.06	10.82	0.00	25.24	-0.55		20000	10	ND<10	1600	740		ND<40	
2/17/20	04 36.06	10.13	0.00	25.93	0.69									Monitored Only
5/20/20	04 36.06	9.60	0.00	26.46	0.53		12000	ND<10	ND<10	1000	380		ND<10	
8/25/20	04 36.06	10.85	0.00	25.21	-1.25									Monitored Only
11/2/20	04 36.06	10.67	0.00	25.39	0.18		12000	ND<10	ND<10	860	280		ND<10	
3/17/20	05 36.06	7.65	0.00	28.41	3.02									Sampled Semi-Annually
6/13/20	05 36.06	7.96	0.00	28.10	-0.31		13000	ND<5.0	ND<5.0	840	250		ND<5.0	
9/27/20	05 36.06	9.66	0.00	26.40	-1.70					-				Sampled semi-annually
12/20/20	05 36.06	9.67	0.00	26.39	-0.01		19000	2.2	1.2	100	20		ND<0.50	······································
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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-7	continued	1												
3/10/20	06 36.06	5 7.56	0.00	28.50	2.11									Sampled Q2 and Q4 only
6/20/20	06 36.06	8.07	0.00	27.99	-0.51		8300	ND<2.5	ND<2.5	310	80		ND<2.5	
9/25/20	06 36.06	9.27	0.00	26.79	-1.20									Sampled Q2 and Q4 only
12/18/20	006 36.06	9.12	0.00	26.94	0.15		2500	ND<0.50	ND<0.50	2.3	0.58		3.8	
3/29/20	07 36.06	9.61	0.00	26.45	-0.49									Sampled Q2 and Q4 only
6/26/20	07 36.06	9.87	0.00	26.19	-0.26		7800	1.5	1.2	230	34		ND<0.50	
9/26/20	07 36.06	10.85	0.00	25.21	-0.98									Sampled Q2 and Q4 only
12/18/20	07 36.06	5 10.12	0.00	25.94	0.73		7100	ND<2.5	ND<2.5	310	20		ND<2.5	
3/25/200	08 36.06	9.37	0.00	26.69	0.75									Sampled Q2 and Q4 only
6/18/200	08 36.06	9.98	0.00	26.08	-0.61		10000	ND<2.5	ND<2.5	420	39		ND<2.5	
9/15/200	08 36.06	5 11.00	0.00	25.06	-1.02									Sampled Q2 and Q4 only
MW-8			(Scre	en Interva	l in feet: 8.()-19.0)								
5/19/199	92					5300		28	3.3	2.6	2.1			
8/20/19	92					3500		67	11	ND	ND			
9/16/19	92 37.14	14.13	0.00	23.01										
10/12/19	992 37.14	14.51	0.00	22.63	-0.38									
11/10/19	992 37.14	14.46	0.00	22.68	0.05	1800		20	ND	ND	ND			
12/10/19	992 37.14	13.51	0.00	23.63	0.95									
1/15/199	93 37.14	10.50	0.00	26.64	3.01								-	
2/20/199	93 37.14	9.50	0.00	27.64	1.00	2200		32	ND	42	5			
3/18/199	93 37.14	9.89	0.00	27.25	-0.39									
4/20/199	93 37.14	9.91	0.00	27.23	-0.02									
5/21/199	93 37.14	10.40	0.00	26.74	-0.49	2500		44	ND	ND	ND			
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Page 29 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-8	continued	l												
6/22/19	93 37.14	10.86	0.00	26.28	-0.46									
7/23/19	93 37.14	11.29	0.00	25.85	-0.43									
8/23/19	93 37.14	11.76	0.00	25.38	-0.47	280		49	4.5	ND	ND			
9/24/19	93 36.89	12.00	0.00	24.89	-0.49									
11/23/19	993 36.89	12.38	0.00	24.51	-0.38	1800		ND	3.4	ND	ND			
2/24/19	94 36.89	10.44	0.00	26.45	1.94	1200		10	2.3	ND	3.2			
5/25/19	94 36.89	11.12	0.00	25.77	-0.68	14000		29	ND	ND	ND			
8/23/19	94 36.89	12.61	0.00	24.28	-1.49	3200		46	18	2	7.2			
11/23/19	994 36.89	11.98	0.00	24.91	0.63	1700		34	ND	ND	3.1			
2/3/199	95 36.89	9.16	0.00	27.73	2.82	800		6.1	ND	ND	ND			
5/10/19	95 36.89	9.35	0.00	27.54	-0.19	1400		15	1.5	0.65	0.84			
8/2/199	95 36.89	10.40	0.00	26.49	-1.05	690		8.3	1.9	ND	ND			
11/2/19	95 36.89	11.80	0.00	25.09	-1.40	1200		ND	1.9	0.56	ND	6.4		
2/8/199	6 36.89	8.98	0.00	27.91	2.82									
2/14/19	96 36.89	9.24	0.00	27.65	-0.26	650		9	1.2	ND	0.52	ND		
5/8/199	6 36.89	9.46	0.00	27.43	-0.22	1200	·••	0.7	35	2.2	3	ND		
8/9/199	6 36.89	10.47	0.00	26.42	-1.01	350		ND	12	0.81	0.95	ND		
11/7/19	96 36.89	11.71	0.00	25.18	-1.24	1000		23	ND	ND	ND	ND		
2/10/19	97 36.89	8.84	0.00	28.05	2.87	630		13	ND	ND	8.1	ND		
5/7/199	7 36.89	10.12	0.00	26.77	-1.28	1200		26	3.4	ND	20	20		
8/5/199	97 36.89	11.26	0.00	25.63	-1.14	590		9.8	ND	ND	ND	ND		
11/4/19	97 36.89	11.58	0.00	25.31	-0.32	640		14	i.9	5.7	11	ND		
2/12/19	98 36.89	7.34	0.00	29.55	4.24	770		20	3	ND	ND	ND		

3292

Page 30 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water	Change in				·					Comments
bampica	Lievation	W dies	THICKNESS		Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Dongona	Tablana	Ethyl-	Total Verters er	MTBE	MTBE	
	(feet)	(feet)	(feet)	(feet)	(feet)	(0015M) (µg/l)	(UC/MS) (μg/l)	Benzene (µg/l)	Toluene (µg/l)	benzene (µg/l)	Xylenes (µg/l)	(8021B) (µg/l)	(8260B) (µg/l)	
			(1000)	()	()	(#8/1)	(#8.1)		(#8/1)	(µg,1)	(#6/1)	(#6/1)	(µg/1)	
5/15/19	continued 98 36.87	8.67	0.00	28.20	-1.35	840		10	ND	ND	3.1	ND		
8/12/19		9.78	0.00	27.09	-i.11	240		0.75	ND	ND	ND	ND		
11/12/19	98 36.87	10.62	0.00	26.25	-0.84	300		14	2	ND	ND	ND		
3/1/199	99 36.87	9.02	0.00	27.85	1.60	1100		22	4.6	2.1	4.9	12		
5/12/19	99 36.87	9.65	0.00	27.22	-0.63	650		17	ND	ND	ND	ND		
8/11/19	99 36.87	10.85	0.00	26.02	-i.20	168		6.68	ND	0.544	ND	ND		
11/4/19	99 36.87	11.72	0.00	25.15	-0.87	1010		15.8	2.28	ND	ND	16.2		
2/29/20	00 36.87	8.25	0.00	28.62	3.47									Sampled semi-annually
5/8/200	0 36.87	9.21	0.00	27.66	-0.96	199		6.26	ND	ND	ND	ND		
8/8/200	0 36.87	10.35	0.00	26.52	-1.14									
11/6/20	00 36.87	10.76	0.00	26.11	-0.41	797		ND	ND	ND	ND	ND		
2/7/200	36.87	10.16	0.00	26.71	0.60									
5/9/200	36.87	10.62	0.00	26.25	-0.46	695		ND	ND	ND	ND	ND		
8/24/20	01 36.87	11.97	0.00	24.90	-1.35									Sampled semi-annually
11/16/20	01 36.87	12.27	0.00	24.60	-0.30	1000		ND<2.0	ND<2.0	ND<2,0	ND<2.0	ND<20		
2/21/20	02 36.87	10.03	0.00	26.84	2.24									
5/10/20	02 36.87	10.63	0.00	26.24	-0.60	400		ND<0.50	0.78	ND<0.50	ND<0.50	ND<5.0		
8/26/20	02 36.87	11.80	0.00	25.07	-1.17			~~						Sampled semi-annually
11/7/20	02 36.87	11.97	0.00	24.90	-0.17		200	ND<0.50	ND<0.50	ND<0.50	ND<1.0		5.0	
2/14/20	03 36.87	9.97	0.00	26.90	2.00									Sampled semi-annually
5/12/20	03 36.87	9.58	0.00	27.29	0.39		730	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
8/11/20	03 36.87	11.33	0.00	25.54	-1.75									Monitored Only
11/13/20	003 36.87													Covered with asphalt
3292								Page 31	of 42					

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Page 31 of 42

3292

Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through September 2008 76 Station 3292

	TOC evation	Depth to Water	LPH Thickness	Ground- water	Change 1n	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	Comments
				Elevation	Elevation	(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
((feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)								
	ontinued													·····
2/17/2004	36.87													Covered with asphalt
5/20/2004	36.87													Unable to locate
8/25/2004	36.87													Unable to locate
11/2/2004	36.87													Covered with asphalt
3/17/2005	36.87													Unable to locate-Paved over
6/13/2005	36.87	9.46	0.00	27.41			430	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
9/27/2005	36.87	11.00	0.00	25.87	-1.54									Sampled semi-annually
12/20/2005	36.87	11.09	0.00	25.78	-0.09		390	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/10/2006	36.87	8.73	0.00	28.14	2.36									Sampled Q2 and Q4 only
6/20/2006	36.87	9.47	0.00	27.40	-0.74		360	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
9/25/2006	36.87	10.66	0.00	26.21	-1.19									Sampled Q2 and Q4 only
12/18/2006	36.87	10.24	0.00	26.63	0.42		200	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
3/29/2007	36.87	10.32	0.00	26.55	-0.08									Sampled Q2 and Q4 only
6/26/2007	36.87	11.15	0.00	25.72	-0.83		200	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
9/26/2007	36.87	12.21	0.00	24.66	-1.06									Sampled Q2 and Q4 only
12/18/2007	36.87	12.00	0.00	24.87	0.21		190	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/25/2008	36.87	10.43	0.00	26.44	1.57									Sampled Q2 and Q4 only
6/18/2008	36.87	11.50	0.00	25.37	-1.07		240	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
9/15/2008	36.87	12.65	0.00	24.22	-1.15									Sampled Q2 and Q4 only
/IW-9			(Scree	en Interval	in feet: 8.0	-10 0)								· · · ·
5/19/1992						8100		11	ND	25	5.8		-	
8/20/1992						3800		37	ND	ND	ND			
9/16/1992	36.92	13.90	0.00	23.02								·		
292								Page 32	2 of 42					

CTRC

Page 32 of 42

3292

Date Sampled H	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Totai Xylenes (µg/l)	MTBE (8021B) (µg/l)	МТВЕ (8260В) (µg/l)	Comments
MW-9	continued													
10/12/199	2 36.92	14.28	0.00	22.64	-0.38									
11/10/199	2 36.92	14.22	0.00	22.70	0.06	4200		ND	ND	21	23			
12/10/199	2 36.92	13.40	0.00	23.52	0.82									
1/15/1993	3 36.92	10.24	0.00	26.68	3.16									
2/20/1993	3 36.92	9.22	0.00	27.70	1.02	2300		47	ND	32	ND			
3/18/1993	3 36.92	9.55	0.00	27.37	-0.33									
4/20/1993	3 36.92	9.62	0.00	27.30	-0.07									
5/21/1993	3 36.92	10.16	0.00	26.76	-0.54	3200		32	ND	8.1	ND			
6/22/1993	3 36.92	10.62	0.00	26.30	-0.46									
7/23/1993	3 36.92	11.07	0.00	25.85	-0.45									
8/23/1993	3 36.92	11.54	0.00	25.38	-0.47	3000		29	ND	ND	ND			
9/24/1993	3 36.29	11.18	0.00	25.11	-0.27									
11/23/199	3 36.29	11.80	0.00	24.49	-0.62	2500		23	2.1	ND	ND			
2/24/1994	4 36.29	9.74	0.00	26.55	2.06	2900		35	ND	ND	ND			
5/25/1994	4 36.29	10.48	0.00	25.81	-0.74	ND		ND	ND	ND	ND			
8/23/1994	4 36.29	11.99	0.00	24.30	-1.51	2800		28	32	ND	ND			
11/23/199	4 36.29	11.31	0.00	24.98	0.68	2000		24	2.2	2.2	2.5			
2/3/1995	36.29	8.45	0.00	27.84	2.86	2100		26	2.5	ND	ND			
5/10/1995	5 36.29	8.70	0.00	27.59	-0.25	1700		0.81	2.2	ł	1.4			
8/2/1995	36.29	9.75	0.00	26.54	-1.05	1900		26	6.6	ND	3.9			
11/2/1995	5 36.29	11.16	0.00	25.13	-1.41	1600		ND	1.3	ND	ND	11		
2/8/1996	36.29	8.15	0.00	28.14	3.01	1900		ND	ND	ND	ND	ND		
5/8/1996	36.29	8.75	0.00	27.54	-0.60	1700		1.9	22	1.7	2.7	ND		

Page 33 of 42



Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through September 2008 76 Station 3292

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-9	continued	l												
8/9/199	96 36.29	9.84	0.00	26.45	-1.09	200		ND	4.5	ND	0.58	ND		
11/7/19	96 36.29	11.10	0.00	25.19	-1.26	920		24	ND	ND	ND	ND		
2/10/19	97 36.29	8.15	0.00	28.14	2.95	580		14	2.4	ND	ND	16		
5/7/199	97 36.29	9.45	0.00	26.84	-1.30	810		11	3.9	1.7	9.9	13		
8/5/199	97 36.29	10.70	0.00	25.59	-1.25	850		21	ND	ND	ND	33		
11/4/19	97 36.29	11.05	0.00	25.24	-0.35	730		11	ND	5.1	11	ND		
2/12/19	98 36.29	6.60	0.00	29.69	4.45	820		23	3.2	ND	ND	18		
5/15/19	98 36.27	8.01	0.00	28.26	-1.43	390		5.5	1.2	ND	13	13		
8/12/19	98 36.27	9.18	0.00	27.09	-1.17	780		14	ND	0.52	ND	12		
11/12/19	998 36.27	9.91	0.00	26.36	-0.73	180		6.3	ND	ND	0.62	8.1		
3/1/199	99 36.27	8.34	0.00	27.93	1.57	790		24	ND	ND	1.7	32		
5/12/19	99 36.27	9.04	0.00	27.23	-0.70	930		13	2.2	1.2	1.5	10		
8/11/19	99 36.27	10.25	0.00	26.02	-1.21	1120		19.7	ND	ND	ND	ND		
11/4/19	99 36.27	11.10	0.00	25.17	-0.85	756		14.2	1.94	ND	ND	22.8		
2/29/20	00 36.27	8.12	0.00	28.15	2.98	955		22.9	ND	ND	ND	ND		
5/8/200	0 36.27	9.09	0.00	27.18	-0.97	895		ND	ND	ND	ND	ND		
8/8/200	0 36.27	10.08	0.00	26.19	-0.99	630		18.2	ND	ND	ND	ND		
11/6/20	00 36.27	10.52	0.00	25.75	-0.44	712		ND	ND	ND	ND	ND		
2/7/200	36.27	9.78	0.00	26.49	0.74	750		ND	ND	ND	ND	66		
5/9/200	36.27	9.98	0.00	26.29	-0.20	704		ND	ND	ND	ND	ND		
8/24/20	01 36.27	11.34	0.00	24.93	-1.36	770		ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<12		
11/16/20	001 36.27	11.63	0.00	24.64	-0.29	540		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10		
2/21/20	02 36.27	9.35	0.00	26.92	2.28	380		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0		
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3292

Page 34 of 42

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water	Change in	TRUC	TPH-G			Ethert	Total	MTDE	MTBE	Comments
					Elevation	TPH-G (8015M)	(GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	(8260B)	
	(feet)	(feet)	(feet)	(feet)	(feet)	(0015111) (μg/l)	(μg/l)	(µg/l)	(µg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	
MW-9	continued													
5/10/20			0.00	26.27	-0.65	300		ND<0.50	0.67	ND<0.50	ND<0.50	ND<5.0		
8/26/20	02 36.27	11.17	0.00	25.10	-1.17		680	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
11/7/20	02 36.27	11.56	0.00	24.71	-0.39		250	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
2/14/20	03 36.27	9.41	0.00	26.86	2.15		460	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
5/12/20	03 36.27	9.22	0.00	27.05	0.19		720	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
8/11/20	03 36.27	11.18	0.00	25.09	-1.96		170	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
11/13/20	03 36.27	11.41	0.00	24.86	-0.23		400	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
2/17/20	04 36.27	9.89	0.00	26.38	1.52		600	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
5/20/20	04 36.27	11.22	0.00	25.05	-1.33		590	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
8/25/20	04 36.27	11.49	0.00	24.78	-0.27		240	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
11/2/20	04 36.27	11.12	0.00	25.15	0.37		300	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/17/20	05 36.27	8.87	0.00	27.40	2.25		750	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
6/13/20	05 36.27	8.92	0.00	27.35	-0.05		560	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
9/27/20	05 36.27	10.31	0.00	25.96	-1.39		320	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
12/20/20	05 36.27	10.41	0.00	25.86	-0.10		320	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/10/20	06 36.27	8.22	0.00	28.05	2.19		470	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
6/20/20	06 36.27	8.89	0.00	27.38	-0.67	-	360	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
9/25/20	06 36.27	9.95	0.00	26.32	-i.06		270	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
12/18/20	06 36.27	9.63	0.00	26.64	0.32		200	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
3/29/20	07 36.27	9.71	0.00	26.56	-0.08		190	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
6/26/20	07 36.27	10.56	0.00	25.71	-0.85		200	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
9/26/20	07 36.27	11.65	0.00	24.62	-1.09		140	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
12/18/20	07 36.27	11.40	0.00	24.87	0.25		70	ND<0.50	1.1	ND<0.50	ND<1.0		ND<0.50	
								Deres 2	5 ~ £ 40					

Page 35 of 42

Date	TOC	Depth to Water	LPH Thistory	Ground-										N	Comments
Sampled	Elevation	water	Thickness	water Elevation	in Elevation	TPH-G	TPH-G	D	T	Ethyl-	Total	MTBE	MTBE		
	(feet)	(feet)	(feet)	(feet)	(feet)	(8015M) (µg/l)	(GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	benzene (µg/l)	Xylenes (µg/l)	(8021B) (µg/l)	(8260B) (µg/l)		
			(1007)	(100)	(100)	(µg/1)	(µg/1)	(µg/I)	(µg/1)	(µg/1)	(µg/I)	(µg/1)	(µg/1)		
MW-9 3/25/20	continued 08 36.27		0.00	26.54	1.67		130	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50		
6/18/20				25.37	-1.17		220		ND<0.50				ND<0.50		
9/15/20				24.25	-1.12		120		ND<0.50				ND<0.50		
		12.02					120	112 -0.50	110 -0.50	110 -0.50	110 110		112 -0.50		
MW-10 8/20/19	92		(Scre	en Interval	in feet: 8.0	- 20.0) 15000		230	ND	1000	350				
9/16/19			0.00	22.98											
10/12/19			0.00	22.59	-0.39										
11/10/19				22.67	0.08	15000		300	42	3500	330				
12/10/19			0.00	23.73	1.06										
1/15/19			0.00	26.66	2.93										
2/20/19	93 36.26	5 8.57	0.00	27.69	1.03	17000		74	ND	1000	620				
3/18/19	93 36.26	5 9.03	0.00	27.23	-0.46										
4/20/19	93 36.26	5 9.09	0.00	27.17	-0.06										
5/21/19	93 36.26	5 9.63	0.00	26.63	-0.54	23000		250	ND	3000	240				
6/22/19	93 36.26	5 10.12	0.00	26.14	-0.49			<u></u>							
7/23/19	93 36.26	6 10.54	0.00	25.72	-0.42										
8/23/19	93 36.26	5 10.99	0.00	25.27	-0.45	20000		230	13	3200	140				
9/24/19	93 36.04	11.17	0.00	24.87	-0.40										
11/23/19	993 36.04	11.67	0.00	24.37	-0.50	18000		300	10	2800	110				
2/24/19	94 36.04	9.57	0.00	26.47	2.10	15000		330	19	2000	83				
5/25/19	94 36.04	10.32	0.00	25.72	-0.75	14000		240	ND	230	62				
8/23/19	94 36.04	11.81	0.00	24.23	-i.49	16000		250	41	1800	74				
11/23/19	994 36.04	11.10	0.00	24.94	0.71	16000		260	ND	1600	49				
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3292

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Page 36 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	Comments
		10				(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
. <u></u>	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)								
MW-10														
2/3/19			0.00	27.72	2.78	17000		310	ND	1500	93			
5/10/19			0.00	27.34	-0.38	12000		260	16	1200	54			
8/2/19			0.00	26.49	-0.85	8900		240	ND	780	40			
11/2/19	95 36.04	11.03	0.00	25.01	-1.48	9300		190	ND	470	1.7	110		
2/8/19	96 36.04	8.05	0.00	27.99	2.98	9700		170	ND	440	ND	ND		
5/8/19	96 36.04	8.70	0.00	27.34	-0.65	7100		100	ND	240	ND	43		
8/9/19	96 36.04	9.76	0.00	26.28	-1.06	4400		59	7.5	110	6.5	73		
11/7/19	96 36.04	10.92	0.00	25.12	-1.16	6300		65	ND	110	ND	130		
2/10/19	97 36.04	8.10	0.00	27.94	2.82	6800		91	ND	100	ND	210		
5/7/19	97 36.04	9.28	0.00	26.76	-1.18	4800		76	ND	50	ND	160		
8/5/19	97 36.04	10.51	0.00	.25.53	-1.23	4200		52	ND	40	ND	81		
11/4/19	97 36.04	11.02	0.00	25.02	-0.51	4500		49	ND	63	ND	84		
2/12/19	98 36.04	6.85	0.00	29.19	4.17	6200		98	ND	91	ND	420		
5/15/19	98 36.02	8.05	0.00	27.97	-1.22	7200		84	ND	84	ND	260		
8/12/19	98 36.02	9.27	0.00	26.75	-1.22	7500		6.9	11	47	ND	130		
11/12/19	998 36.02	10.03	0.00	25.99	-0.76	4200		23	ND	24	ND	130		
3/1/199	99 36.02	8.56	0.00	27.46	1.47	5900		37	ND	50	26	300		
5/12/19	99 36.02	8.92	0.00	27.10	-0.36	7400		37	ND	32	ND	170		
8/11/19	99 36.02	10.10	0.00	25.92	-1.18	5060		38.1	ND	12.9	ND	75.5		
11/4/19	99 36.02	11.03	0.00	24.99	-0.93	6190		76.7	8.01	13.4	ND	234		
2/29/20	00 36.02	9.67	0.00	26.35	i.36	7120		27.8	ND	24.7	ND	208		
5/8/200	0 36.02	10.54	0.00	25.48	-0.87	5830		51.7	10.6	24.7	24.8	142		
8/8/200	0 36.02	10.92	0.00	25.10	-0.38	5010		50.6	ND	13.9	ND	113		

3292

81

Page 37 of 42

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(8015M) (µg/l)	(uc/M3) (μg/l)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	(8021B) (µg/l)	(8200B) (µg/l)	
MW-10	continue	d							· · ·			·		
11/6/200	0 36.02	11.34	0.00	24.68	-0.42	6260		47.9	ND	12.5	ND	118		
2/7/200	1 36.02	10.75	0.00	25.27	0.59	4800		56	10	ND	ND	780		
5/9/200	1 36.02	9.84	0.00	26.18	0.91	6810		52.4	ND	ND	ND	161		
8/24/200	36.02	11.16	0.00	24.86	-1.32	5600		56	ND<10	ND<10	ND<10	ND<100		
11/16/20	01 36.02	11.38	0.00	24.64	-0.22	5600		49	ND<10	ND<10	ND<10	190		
2/21/200	36.02	9.20	0.00	26.82	2.18	5000		38	ND<5.0	8.5	ND<5.0	140		
5/10/200	36.02	9.87	0.00	26.15	-0.67	5300		57	6.3	8.2	ND<5.0	ND<50		
8/26/200	36.02	11.02	0.00	25.00	-1.15		7000	ND<5.0	ND<5.0	5.4	ND<10		ND<20	
11/7/200	36.02	11.32	0.00	24.70	-0.30		3500	ND<2.5	ND<2.5	ND<2.5	ND<5.0		ND<10	
2/14/200	3 36.02	9.36	0.00	26.66	1.96		5200	ND<5.0	ND<5.0	ND<5.0	ND<10		ND<20	
5/12/200	3 36.02	9.12	0.00	26.90	0.24		4300	2.6	0.56	2.9	ND<1.0		4.8	
8/11/200	3 36.02	11.25	0.00	24.77	-2.13	*** 78	3100	1.9	ND<0.50	1.0	1.0		4.0	
11/13/20	03 36.02	11.20	0.00	24.82	0.05		7300	ND<25	ND<25	ND<25	ND<50		ND<100	
2/17/200	4 36.02	10.95	0.00	25.07	0.25		7100	4.1	ND<2.5	3.8	ND<5.0		ND<10	
5/20/200	4 36.02	10.00	0.00	26.02	0.95		7300	3.0	ND<2.5	2.8	ND<5.0		ND<2.5	
8/25/200	4 36.02	11.24	0.00	24.78	-1.24		6900	2.7	ND<2.5	ND<2.5	ND<5.0		ND<2.5	
11/2/200	4 36.02	10.95	0.00	25.07	0.29		6100	ND<2.5	ND<2.5	ND<2.5	ND<5.0		ND<2.5	
3/17/200	5 36.02	8.75	0.00	27.27	2.20		6700	2.4	ND<0.50	1.0	ND<1.0		3.4	
6/13/200	5 36.02	8.71	0.00	27.31	0.04		7500	2.8	ND<2.5	ND<2.5	ND<5.0		ND<2.5	
9/27/200	5 36.02	10.08	0.00	25.94	-1.37		4300	ND<5.0	ND<5.0	ND<5.0	ND<10		ND<5.0	
12/20/200	05 36.02	10.12	0.00	25.90	-0.04		3700	1.4	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
3/10/200	6 36.02	7.91	0.00	28.11	2.21		4100	3.7	ND<0.50	ND<0.50	ND<1.0	-	ND<0.50	
6/20/200	6 36.02	8.81	0.00	27.21	-0.90		4100	ND<2.5	ND<2.5	ND<2.5	ND<5.0		ND<2.5	
3292								Page 3	8 of 42					() TPC



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G	TPH-G	D		Ethyl-	Total	MTBE	MTBE	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(8015M) (µg/l)	(GC/MS) (µg/l)	Benzene (µg/l)	Totuene (µg/l)	benzene (µg/l)	Xylenes (μg/l)	(8021B) (µg/l)	(8260B) (µg/l)	
			()))	()	()	(1-0-)	(1-0-7	(1-8)	(1-8)	(69-)			(1-8)	
9/25/200			0.00	26.08	-i.13		2800	ND<1.0	ND<1.0	ND<1.0	ND<1.0		ND<1.0	
12/18/20	06 36.02	9.42	0.00	26.60	0.52		4000	1.4	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
3/29/200	07 36.02	9.47	0.00	26.55	-0.05		4300	1.2	ND<0.50	ND<0.50			ND<0.50	
6/26/200	07 36.02	10.25	0.00	25.77	-0.78		4600	0.94	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
9/26/200	07 36.02	11.43	0.00	24.59	-i.18		3100	1.1	ND<1.0	ND<1.0	ND<1.0		ND<1.0	
12/18/20	07 36.02	11.20	0.00	24.82	0.23		2500	1.0	1.1	ND<0.50	i.3		ND<0.50	
3/25/200	08 36.02	9.25	0.00	26.77	1.95		3100	ND<2.5	ND<2.5	ND<2.5	ND<5.0		ND<2.5	
6/18/200	08 36.02	10.77	0.00	25.25	-1.52		3700	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	
9/15/200	36.02	11.84	0.00	24.18	-1.07		2100	0.67	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-11			(Scre	en Interval	in feet: 7.0	-19.0)								
8/20/199	92		`			4600		62	ND	ND	54			
9/16/199	92 35.83	12.93	0.00	22.90										
10/12/19	92 35.83	13.30	0.00	22.53	-0.37									
11/10/19	92 35.83	13.20	0.00	22.63	0.10	5800		130	ND	260	42			
12/10/19	92 35.83	12.24	0.00	23.59	0.96									
1/15/199	93 35.83	9.23	0.00	26.60	3.01								-	
2/20/199	93 35.83	8.20	0.00	27.63	1.03	18000		76	ND	1000	630			
3/18/199	93 35.83	8.77	0.00	27.06	-0.57									
4/20/199	3 35.83	8.86	0.00	26.97	-0.09									
5/21/199	3 35.83	9.40	0.00	26.43	-0.54	7100		64	ND	340	120			
6/22/199	3 35.83	9.87	0.00	25.96	-0.47									
7/23/199	3 35.83	10.29	0.00	25.54	-0.42									
8/23/199	93 35.83	10.73	0.00	25.10	-0.44	5400		68	ND	230	43			
								D 20	0.40					10

3292

Page 39 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-11	continue	d												
9/24/19	93 35.50	10.83	0.00	24.67	-0.43									
11/23/19	93 35.50	11.28	0.00	24.22	-0.45	3400		105	ND	120	43			
2/24/19	94 35.50	9.20	0.00	26.30	2.08	4600		170	ND	140	36			
5/25/19	94 35.50	9.94	0.00	25.56	-0.74	1400		49	ND	26	ND			
8/23/19	94 35.50	11.39	0.00	24.11	-1.45	7300		250	13	150	42			
11/23/19	994 35.50	10.67	0.00	24.83	0.72	5800		250	10	120	22			
2/3/199	35.50	8.02	0.00	27.48	2.65	4400		110	ND	150	37			
5/10/19	95 35.50	8.36	0.00	27.14	-0.34	4200		120	ND	170	38			
8/2/199	35.50	9.31	0.00	26.19	-0.95	4200		110	ND	110	22			
11/2/19	95 35.50	10.85	0.00	24.65	-1.54	6100		150	ND	78	6.8	6200		
2/8/199	96 35.50	7.76	0.00	27.74	3.09									
2/14/19	96 35.50	8.18	0.00	27.32	-0.42	3100		60	ND	98	ND	4000		
5/8/199	6 35.50	8.50	0.00	27.00	-0.32	3500		120	ND	160	ND	6400		
8/9/199	6 35.50	9.46	0.00	26.04	-0.96	1100		42	ND	15	ND	4300		
11/7/19	96 35.50	10.58	0.00	24.92	-1.12	2900		57	ND	13	ND	3400		
2/10/19	97 35.50	7.88	0.00	27.62	2.70	600		9.5	ND	ND	ND	3100		
5/7/199	35.50	9.07	0.00	26.43	-1.19	1900		45	ND	31	ND	2400		
8/5/199	35.50	10.23	0.00	25.27	-1.16	2100		35	ND	24	ND	1800		
11/4/19	97 35.50	10.51	0.00	24.99	-0.28	98		1.6	ND	ND	ND	ND		
2/12/19	98 35.50	6.59	0.00	28.91	3.92	670		12	ND	ND	ND	1400		
5/15/19	98 35.50	7.73	0.00	27.77	-1.14	1200		7.9	ND	30	ND	1600		
8/12/19	98 35.50	8.85	0.00	26.65	-1.12	1600		ND	ND	ND	ND	2000		
11/12/19	98 35.50	9.52	0.00	25.98	-0.67	1700		9.3	ND	ND	ND	1700		

Page 40 of 42



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change 1n Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(μg/l)	(ue/mb) (μg/l)	(µg/l)	(μg/l)	(µg/l)	(μg/l)	(3021B) (μg/l)	(8200B) (µg/l)	
MW-11	continue	t										-		
3/1/199	9 35.50	8.00	0.00	27.50	1.52	530		4.9	ND	ND	ND	870		
5/12/19	99 35.50	8.64	0.00	26.86	-0.64	900		6.6	ND	ND	ND	840		
8/11/199	99 35.50	9.92	0.00	25.58	-1.28	1660		5.52	ND	ND	ND	764		
11/4/199	99 35.50	10.88	0.00	24.62	-0.96	2600		8.71	ND	2.76	ND	1490		
2/29/200	00 35.50	7.56	0.00	27.94	3.32	420		ND	ND	ND	ND	1010		
5/8/200	0 35.50	8.50	0.00	27.00	-0.94	513		3.56	ND	i.11	ND	1320		
8/8/200	0 35.50	9.39	0.00	26.11	-0.89	960		10.0	1.28	ND	ND	1600		
11/6/200	00 35.50	9.81	0.00	25.69	-0.42	3000		17.7	ND	ND	ND	1280	1360	
2/7/200	1 35.50	9.16	0.00	26.34	0.65	1600		ND	ND	ND	ND	590		
5/9/200	1 35.50	9.51	0.00	25.99	-0.35	1010		11,4	ND	1.24	ND	586	-	
8/24/200	35.50												870	
8/29/200	01 35.50	10.78	0.00	24.72		3100		23	ND<5.0	ND<5.0	ND<5.0	840	870	
11/16/20	01 35.50	10.95	0.00	24.55	-0.17	1000		9.2	ND<2.0	ND<2.0	ND<2.0	600		
2/21/200	35.50	8.85	0.00	26.65	2.10	1100		7.4	ND<2.5	ND<2.5	ND<2.5	270		
5/10/200	35.50	9.51	0.00	25.99	-0.66	910		7.4	1.4	2.8	ND<12	330	270	
8/26/200)2 35.50	10.62	0.00	24.88	-1.11		1900	ND<0.50	ND<0.50	0.87	ND<1.0		170	
11/7/200	35.50	10.77	0.00	24.73	-0.15		550	ND<2.5	ND<2.5	ND<2.5	ND<5.0		330	
2/14/200	35.50	8.97	0.00	26.53	1.80		2600	1.8	0.51	1.7	ND<1.0		ND<2.0	
5/12/200	35.50	8.90	0.00	26.60	0.07		ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0		290	
8/11/200	35.50	11.04	0.00	24.46	-2.14		930	ND<2.5	ND<2.5	ND<2.5	ND<5.0		320	
11/13/20	03 35.50	10.79	0.00	24.71	0.25		1300	ND<2.5	ND<2.5	5.0	ND<5.0		300	
2/17/200	35.50	9.19	0.00	26.31	1.60		830	ND<2.5	ND<2.5	3.8	ND<5.0		170	
5/20/200)4 35.50	9.81	0.00	25.69	-0.62		930	ND<2.5	ND<2.5	ND<2.5	ND<5.0		230	
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Date	TOC	Depth to Water	LPH Thicknoor	Ground-	Change									Comments
Sampled	Elevation	water	Thickness	water Elevation	in Elevation	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	
						(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)								
MW-11	continue	d												
8/25/200)4 35.50	10.90	0.00	24.60	-1.09		1100	ND<1.0	ND<1.0	2.1	ND<2.0		210	
11/2/200)4 35.50	10.47	0.00	25.03	0.43		850	ND<1.0	ND<1.0	1.4	ND<2.0		180	
3/17/200	5 35.50	8.22	0.00	27.28	2.25		1500	0.63	ND<0.50	2.9	ND<1.0		120	
6/13/200	5 35.50	8.48	0.00	27.02	-0.26		1100	ND<0.50	ND<0.50	3.5	ND<1.0		120	
9/27/200)5 35.50	9.88	0.00	25.62	-1.40		320	ND<0.50	ND<0.50	ND<0.50	ND<1.0		110	
12/20/20	05 35.50	9.96	0.00	25.54	-0.08		290	ND<0.50	ND<0.50	ND<0.50	ND<1.0		92	
3/10/200	6 35.50	7.65	0.00	27.85	2.31		620	ND<2.5	ND<2.5	ND<2.5	ND<5.0		140	
6/20/200	6 35.50	8.63	0.00	26.87	-0.98		680	ND<2.5	ND<2.5	ND<2.5	ND<5.0		88	
9/25/200	6 35.50	9.64	0.00	25.86	-1.01		180	ND<0.50	ND<0.50	ND<0.50	ND<0.50		65	
12/18/20	06 35.50	9.10	0.00	26.40	0.54		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		48	
3/29/200	7 35.50	9.31	0.00	26.19	-0.21		810	ND<0.50	ND<0.50	1.0	ND<0.50		47	
6/26/200	7 35.50	10.08	0.00	25.42	-0.77		510	ND<0.50	ND<0.50	ND<0.50	ND<0.50		37	
9/26/200	7 35.50	11.00	0.00	24.50	-0.92		270	ND<0.50	ND<0.50	ND<0.50	ND<0.50		39	
12/18/20	07 35.50	10.74	0.00	24.76	0.26		ND<50	ND<0.50	0.64	ND<0.50	ND<1.0		23	
3/25/200	8 35.50	9.29	0.00	26.21	1.45		320	ND<0.50	0.84	ND<0.50	1.2		31	
6/18/200	8 35.50	10.78	0.00	24.72	-1.49		390	ND<0.50	ND<0.50	ND<0.50	ND<1.0		28	
9/15/200	8 35.50	11.42	0.00	24.08	-0.64		580	ND<0.50	ND<0.50	ND<0.50	ND<1.0		25	



Date Sampled Ethynot Ethanol ($\mu c l)$ Ethylene- ($h c l m)$ Ethylene- ($h c l m)$ l_2 -DCA TAME FFF TAME ($\mu c l)$ Post-pure ($h c l m)$ Pre-pure Dissolved Pre-pure Dissolved Pre-pure Dissolved Pre-pure Dissolved Pre-pure Dissolved Pre-pure Dissolved $\mu c l m$ $(\mu c l)$								-					
11/2/1995 - - - - - - - 2/81 2/81/1996 - - - - - - - 2/81 5/81/1996 - - - - - - - 2/81 5/81/1996 - - - - - - - 2/81 5/81/1996 - - - - - - - 2/14 11/7/1996 - - - - - - - 2/16 2/11 2/10/1997 - - - - - - 2/16 - 2/16 - 5/7/1997 - - - - - - - 1.88 - 11/4/1997 - - - - - - - 2,83 5/81/1998 - - - - - - - 2,12 11/4/1999 - - - - - -<			(8260B)	dibromide (EDB)	(EDC)				Dichloro- benzene	(lab)	Dissolved Oxygen	Dissolved Oxygen	
2/8/1996 - - - - - - - - 2.38 5/8/1996 - - - - - - - 1.92 - 8/9/1996 - - - - - - - 2.14 11/7/1996 - - - - - 2.05 - 2/11/1997 - - - - - 2.05 - 2/11/1997 - - - - - 2.05 - 5/7/1997 - - - - - 2.05 - 1/4/1997 - - - - - - 1.88 - 1/4/1997 - - - - - - - 2.067 - 2/12/1998 - - - - - - 2.38 - 5/15/1998 - - - - - - 1.77 - - 1.77 <t< td=""><td>MW-1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	MW-1												
5/8/1996 2.14 11/7/1996 2.18 2.11 2/10/1997 2.05 2/11/1997 2.05 5/7/1997 2.67 5/7/1997 2.67 5/7/1997 2.67 11/4/1997 2.67 11/4/1997 2.67 11/4/1997 2.67 11/1/1998 1.65 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2.83</td><td></td></td<>												2.83	
89/1996 - - - - - - - 2.14 11/7/1996 - - - - - 2.18 2.11 2/10/1997 - - - - - 2.05 2/11/1997 - - - - - 2.05 5/7/1997 - - - - - - 2.067 5/7/1997 - - - - - - 1.88 5/7/1997 - - - - - - 1.88 11/4/1997 - - - - - - 2.07 2/12/1998 - - - - - 2.12 2.12 8/12/1998 - - - - - - 1.77 11/12/1998 - - - - - 1.86 8/11/1999 - - - - - 1.						~~						2.58	
11/7/1996 2.18 2.11 2/10/1997 2.05 2/11/1997 2.05 2/11/1997 2.05 5/7/1997 2.05 8/5/1997 1.88 1/14/1997 2.207 2.38 5/15/1998 2.12 8/12/1998 2.12 8/12/1998 1.55 3/1/1999 1.86 8/11/1/1999 </td <td></td> <td>i.92</td> <td></td> <td></td>											i.92		
2/10/1997 - - - - - - - - - - 201 $2/11/1997$ - - - - - - - 205 - $5/7/1997$ - - - - - - - 1.88 - $8/5/1997$ - - - - - - - 1.88 - $11/4/1997$ - - - - - - - 2.67 - $2/12/1998$ - - - - - - - 2.38 $5/15/1998$ - - - - - - 2.12 $1/12/1998$ - - - - - - - 2.12 $1/12/1998$ - - - - - - - 1.77 $1/12/1998$ - - - - - - - 1.86 $3/11/1999$ - - - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>2.14</td> <td></td>									-			2.14	
2/11/1997 1.88 1.88 1.88 1.88 1.11/11/11/11/11/11/11/11/11/11/11/11/11											2.18	2.11	
57/1997 1.88 8/5/1997 1.88 11/4/1997 2.67 2/12/1998 2.38 5/15/1998 2.12 8/12/1998 2.12 8/12/1998 2.17 11/12/1998 1.55 3/1/1999 1.68 8/11/1999 1.93 11/4/1999 2.18 2/29/2000	2/10/1997		74 2								2.05		
8/5/1997 1.88 11/4/1997 2.67 2/12/1998 2.38 5/15/1998 2.12 8/12/1998 2.12 8/12/1998 2.12 8/12/1998 1.77 11/12/1998 1.55 3/1/1999 1.68 8/11/1999 2.1 2/29/2000 2.1 2.1 /	2/11/1997										2.05		
11/4/1997 2.67 2/12/1998 2.38 5/15/1998 2.12 8/12/1998 2.12 8/12/1998 1.77 11/12/1998 1.55 3/1/1999 1.77 5/12/1999 1.77 5/12/1999 1.86 8/11/1999 1.93 11/4/1999 2.18 5/8/2000 ND ND ND ND ND ND 3.11 8/8/2000	5/7/1997										1.88		
2/12/1998 2.38 5/15/1998 2.12 8/12/1998 2.12 8/12/1998 2.12 8/12/1998 1.77 11/12/1998 1.77 11/12/1998 1.55 3/1/1999 1.77 5/12/1999 1.86 8/11/1999 1.86 8/11/1999 2.18 2/29/2000 2.88 5/8/2000 ND ND ND ND ND 3.27 </td <td>8/5/1997</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.88</td> <td></td> <td></td>	8/5/1997										1.88		
5/15/1998 2.12 8/12/1998 1.77 11/12/1998 1.77 11/12/1998 1.55 3/1/1999 1.77 5/12/1999 1.77 5/12/1999 1.77 5/12/1999 1.86 8/11/1999 1.93 11/4/1999 2.18 5/8/2000 ND ND ND ND ND 3.11 <	11/4/1997										2.67		
8/12/1998 1.77 11/12/1998 1.55 3/1/1999 1.55 3/1/1999 1.55 5/12/1999 1.77 5/12/1999 1.77 5/12/1999 1.77 5/12/1999 1.77 5/12/1999 1.86 8/11/1999 2.1 2/29/2000 2.88 5/8/2000 ND ND ND ND ND	2/12/1998											2.38	
11/12/1998 1.55 3/1/1999 1.55 3/1/1999 1.77 5/12/1999 1.76 5/12/1999 1.77 5/12/1999 1.86 8/11/1999 1.93 11/4/1999 2.1 2/29/2000 2.88 5/8/2000 ND ND ND ND ND 3.27 11/6/2000 3.62 2/7/201	5/15/1998											2.12	
3/1/1999 1.77 5/12/1999 1.86 8/11/1999 1.93 11/4/1999 2.1 2/29/2000 2.1 2/29/2000 2.88 5/8/2000 ND ND ND ND ND ND 3.11 8/8/2000 3.27 11/6/2000 3.62 2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND	8/12/1998											1.77	
5/12/1999 1.86 8/11/1999 1.93 11/4/1999 2.1 2/29/2000 2.88 5/8/2000 ND ND ND ND ND ND 3.11 8/8/2000 3.27 11/6/2000 3.67 2/7/2001 3.67 2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND 3.62 5/9/2001 ND ND ND ND ND ND ND ND 3.29	11/12/1998											1.55	
8/11/1999 1.93 11/4/1999 2.1 2/29/2000 2.88 5/8/2000 ND ND ND ND ND ND 2.88 5/8/2000 3.11 8/8/2000 3.67 11/6/2000 3.67 2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND ND 3.29	3/1/1999											i.77	
11/4/1999 2.1 2/29/2000 2.88 5/8/2000 ND ND ND ND ND ND 2.88 5/8/2000 3.11 8/8/2000 3.27 11/6/2000 3.67 2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND 3.29	5/12/1999											1.86	
2/29/2000 2.88 5/8/2000 ND ND ND ND ND ND 2.88 5/8/2000 3.11 8/8/2000 3.27 11/6/2000 3.67 2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND 3.29	8/11/1999											i.93	
2/29/2000 2.88 5/8/2000 ND ND ND ND ND ND 3.11 8/8/2000 3.27 11/6/2000 3.67 2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND ND 3.29	11/4/1999											2.1	
5/8/2000 ND ND ND ND ND ND 3.11 8/8/2000 3.27 11/6/2000 3.67 2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND 3.29	2/29/2000												
8/8/2000 3.27 11/6/2000 3.67 2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND 3.27	5/8/2000	ND	ND	ND	ND	ND	ND	ND			20		
11/6/2000 3.67 2/7/2001 3.62 5/9/2001 ND ND ND ND ND 3.62	8/8/2000												
2/7/2001 3.62 5/9/2001 ND ND ND ND ND ND ND 3.29	11/6/2000												
5/9/2001 ND ND ND ND ND ND 3.29	2/7/2001												
	5/9/2001	ND	ND	ND	ND	ND	ND	ND					
	8/24/2001												

3292

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Page 1 of 23

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					70	5 Station 5292						
Date Sampled		Ethanol	Ethylene- dibromide	1,2-DCA				1,2- Dichloro-	pH	Post-purge Dissolved	Pre-purge Dissolved	
	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-1 co	ntinued									****		
11/16/2001	380	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0				2.56	
2/21/2002	ND<50	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5				1.84	
5/10/2002											0.7	
8/26/2002											0.9	
11/7/2002	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				i.84	
2/14/2003	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				2.21	
5/12/2003											2.01	
8/11/2003		ND<500										
11/13/2003		ND<5000										
2/17/2004		ND<2500										
5/20/2004		ND<500										
8/25/2004		ND<250									0.25	
11/2/2004		ND<500							6.71		2.60	
3/17/2005		ND<500					~~				0.60	
6/13/2005		ND<500									5.37	
9/27/2005		ND<2500									0.76	
12/20/2005		ND<250									0.93	
3/10/2006		ND<1200									0.50	
6/20/2006		ND<1200									.30	
9/25/2006		ND<500									0.33	
12/18/2006		ND<250									1.83	
3/29/2007		ND<250									0.84	
6/26/2007		ND<250									5.48	
9/26/2007	ND<50	ND<1200			ND<2.5	ND<2.5	ND<2.5				0.93	
12/18/2007		ND<1200									3.61	

3292

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					/	o Station 5272					
Date Sampled	TBA (μg/l)	Ethanot (8260B) (μg/l)	Ethytene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	ТАМЕ (µg/l)	i,2- Dichloro- benzene (μg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
) (97 1				(18-)	4.6.7	(0)		(10)	4-9	(0)	(0)
MW-1 con 3/25/2008	ntinued	ND<1200									3.93
6/18/2008		ND<250									i.19
9/15/2008		ND<1200	75								1.34
											1.51
AW-2											•
11/2/1995											2.8
2/8/1996											2.21
5/8/1996										3.89	
8/9/1996		-								<u> </u>	3.36
11/7/1996										1.98	1.96
2/10/1997										2.12	
2/11/1997										2.12	
5/7/1997										2.38	
8/5/1997										2.18	
11/4/1997										2.18	
2/12/1998											2.04
5/15/1998											2.33
8/12/1998											2.50
11/12/1998											1.90
3/1/1999											1.82
5/12/1999											1.98
8/11/1999											1.98
11/4/1999											1.90
2/29/2000											2.41
5/8/2000											2.14
8/8/2000											2.57

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

Page 3 of 23

					~							
Date Sampled		Ethanol	Ethytene- dibromide	1,2-DCA				1,2- Dichloro-	pH	Post-purge Dissolved	Pre-purge Dissolved	
	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-2 co	ntinued											
11/6/2000											1.94	
2/7/2001							~				2.49	
5/9/2001											2.66	
8/24/2001											2.11	
11/16/2001											2.34	
2/21/2002											1.90	
5/10/2002											0.80	
8/26/2002											00.1	
11/7/2002	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.13	
2/14/2003											1.27	
5/12/2003											2.18	
8/11/2003		ND<500										
11/13/2003		ND<500										
2/17/2004		ND<500										
5/20/2004		ND<50										
8/25/2004		ND<50									0.22	
11/2/2004		ND<50							6.77		2.79	
3/17/2005		ND<50									1.02	
6/13/2005		ND<50									0.97	
9/27/2005		ND<250									0.90	
12/20/2005		ND<250								10.00	0.95	
3/10/2006		ND<1200									0.55	
6/20/2006		ND<250									.75	
9/25/2006		ND<250									0.81	
12/18/2006		ND<250									1.13	

3292



						Station 5292	r				
Date Sampled	TBA (µg/l)	Ethanol (8260B) (μg/l)	Ethylene- dibromide (EDB) (μg/l)	i,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	i,2- Dichloro- benzene (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-2 cor	ntinued				1980 1						-
3/29/2007		ND<250									1.89
6/26/2007		ND<250									5.30
9/26/2007	ND<10	ND<250			ND<0.50	ND<0.50	ND<0.50				1.61
12/18/2007		ND<250									4.39
3/25/2008		ND<250									4.03
6/18/2008		ND<250									1.24
9/15/2008		ND<250									1.12
MW-2(SP) 11/7/1996	w ta									2.9	2.95
2/10/1997						~=				2.8	2.85
2/11/1997										2.73	
8/5/1997										2.73	
11/4/1997										3.99	
2/12/1998										3.06	
5/15/1998											3.11
8/12/1998											3.97
11/12/1998											3.62
3/1/1999											4.19
5/12/1999											4.56
8/11/1999							~~				3.92
8/11/1999 11/4/1999							~~				4.19
2/29/2000											3.85
5/8/2000											3.21
3/8/2000 8/8/2000	ND	ND	ND	ND	ND	ND	ND				3.96
				-							3.55
11/6/2000											4.11

3292

Page 5 of 23

					7	Station 3474						
Date Sampled		Ethanol	Ethylene- dibromide	1, 2-D CA				1,2- Dichloro-	pH	Post-purge Dissolved	Pre-purge Dissolved	
	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-2(SP) 2/7/2001	continued										3.8	
5/9/2001											3.95	
8/24/2001											3.81	
11/16/2001											4.05	
2/21/2002											3.7	
5/10/2002											0.7	
8/26/2002											1.1	
11/7/2002	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0				1.21	
2/14/2003											1.35	
5/12/2003											2.62	
5/20/2004		ND<50										
8/25/2004											0.61	
11/2/2004		ND<50							6.87		3.25	
6/13/2005		ND<50									1.13	
12/20/2005		ND<250									1.10	
3/10/2006											0.55	
6/20/2006		ND<250									.70	
9/25/2006											0.71	
12/18/2006		ND<250									5.15	
3/29/2007											1.12	
6/26/2007		ND<250									4.56	
12/18/2007		ND<250									7.49	
3/25/2008											7.22	
6/18/2008		ND<250									1.10	
9/15/2008											1.61	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

Page 6 of 23

							-				
Date Sampled	TBA (µg/l)	Ethanol (8260B) (μg/l)	Ethylene- dibromide (EDB) (μg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,2- Dichloro- benzene (μg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-3											
11/2/1995											4.98
2/8/1996											2.78
5/8/1996										3.73	
8/9/1996											3.29
11/7/1996										3.98	3.15
2/10/1997										3.59	
2/11/1997										2.55	
8/5/1997										2.86	
11/4/1997										2.95	
2/12/1998											3.12
5/15/1998											3.97
8/12/1998											4.21
11/12/1998											4.56
3/1/1999											4.56
5/12/1999											3.87
8/11/1999											4.1
11/4/1999											4.41
8/25/2004											0.38
11/2/2004						-					3.82
6/13/2005											1.12
12/20/2005											1.41
3/10/2006											0.59
6/20/2006											.85
9/25/2006											0.84
12/18/2006											2.69

Table 2
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

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Page 7 of 23

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					/	o Station 3292	2					
Date Sampled	ТВА (µg/l)	Ethanol (8260B) (μg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ЕТВЕ (µg/l)	TAME (µg/l)	1,2- Dichloro- benzene (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	
	ntinued										(0 /	
3/29/2007											0.75	
6/26/2007											6.73	
12/18/2007											3.02	
3/25/2008											2.84	
9/15/2008											0.71	
MW-3(SP) 11/7/1996										- /		
2/10/1997										2.4	2.41	
2/10/1997 8/5/1997										2.55		
11/4/1997										3.74		
2/12/1998										2.95		
2/12/1998 5/15/1998											3.17	
			~~								4.06	
8/12/1998											3.98	
11/12/1998 3/1/1999											3.39	
											3.08	
5/12/1999											2.77	
8/11/1999 11/4/1999											2.84	
											2.43	
2/29/2000 5/8/2000									-		2.72	
	ND	ND	ND	ND	ND	ND	ND				2.22	
8/8/2000											2.76	
11/6/2000											2.59	
2/7/2001											2.61	
5/9/2001 8/24/2001											2.36	
8/24/2001											1.98	

3292

Page 8 of 23



					70	Station 52/2						
Date Sampled	TBA (µg/l)	Ethanol (8260B) (μg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (μg/l)	1,2- Dichloro- benzene (μg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	
MW-3(SP)	continued											
11/16/2001											2.29	
2/21/2002				·							2.1	
5/10/2002											0.6	
8/26/2002											0.8	
11/7/2002	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20				i.i	
2/14/2003											0.96	
5/12/2003											1.55	
5/20/2004		ND<50									55	
8/25/2004											0.58	
11/2/2004		ND<50							6.85		3.82	
6/13/2005		ND<50									1.12	
12/20/2005		ND<250									0.90	
3/10/2006											0.46	
6/20/2006		ND<250									.56	
9/25/2006											0.54	
12/18/2006		ND<250									2.59	
3/29/2007											0.83	
6/26/2007		ND<250									4.05	
12/18/2007		ND<250									2.98	
3/25/2008											2.61	
6/18/2008		ND<250									1.30	
9/15/2008											0.70	
MW-4 11/2/1995	-										7 .01	
2/8/1996											7.91	
											2.66	
3292						Page 9 of 23					©TRC	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

					•	0.5000000000	-					
Date Sampled		Ethanol	Ethylene- dibromide	1,2-DCA				1,2- Dichloro-	рН	Post-purge Dissolved	Pre-purge Dissolved	
	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-4 co	ontinued											
8/9/1996											2.92	
11/7/1996										4.38	4.32	
2/10/1997										3.87		
5/7/1997										5.12		
8/5/1997										5.12		
2/12/1998											4.88	
5/15/1998											5.13	
8/12/1998											5.62	1
11/12/1998											5.76	
3/1/1999											5.55	
5/12/1999											5.64	
8/11/1999											5.36	
11/4/1999											4.95	
8/25/2004											0.32	
12/20/2005											1.08	
3/10/2006											0.45	
6/20/2006											1.23	
9/25/2006											1.20	
12/18/2006											2.30	
3/29/2007											1.61	
6/26/2007											6.67	
12/18/2007											19.37	
3/25/2008											18.76	
9/15/2008											1.35	

MW-5 3292



						o Station 5474	4					
Date Sampled		Ethanol	Ethylene- dibromide	1,2 - DCA				1,2- Dichloro-	pН	Post-purge Dissolved	Pre-purge Dissolved	
	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-5 co	ntinued											
11/2/1995											2.3	
2/8/1996											2.35	
5/8/1996										1.29		
8/9/1996											2.19	
11/7/1996										i.82	1.84	
2/10/1997										2.07		
8/5/1997										2.36		
11/4/1997										1.99		
2/12/1998											1.79	
5/15/1998											1.66	
8/12/1998											1.71	
11/12/1998											1.81	
3/1/1999											1.67	
5/12/1999											1.73	
8/11/1999											1.83	
11/4/1999											1.77	
2/29/2000											2.23	
5/8/2000											2.58	
8/8/2000											2.19	
11/6/2000							·				1.85	
2/7/2001											2.36	
5/9/2001											2.18	
8/24/2001											1.28	
11/16/2001											i.89	
2/21/2002											1.45	

3292

Page 11 of 23



76 Station 3292												
Date Sampled	TBA	Ethanoi (8260B)	Ethylene- dibromide (EDB)	i,2-DCA (EDC)	DIPE	ETBE	TAME	1,2- Dichloro- benzene	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-5 co 5/10/2002	ntinueđ 										0.5	
8/26/2002											0.6	
11/7/2002	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.04	
2/14/2003											1.41	
5/12/2003											1.69	
11/13/2003		ND<20000										
5/20/2004		ND<2000										
8/25/2004			85								0.27	
11/2/2004		ND<2000							6.60			
6/13/2005		ND<1000									2.32	
12/20/2005		ND<12000									1.40	
3/10/2006											0.43	
6/20/2006		ND<6200									.53	
9/25/2006											0.57	
12/18/2006		ND<250									3.03	
3/29/2007											2.77	
6/26/2007		ND<250									4.70	
12/18/2007		ND<1200									2.99	
3/25/2008											2.76	
6/18/2008		ND<2500					-				.96	
9/15/2008		-									1.22	
MW-6 11/2/1995											4.55	
2/8/1996												
5/8/1990											3.77	
										3.4		
3292					I	Page 12 of 23					© TRC	~

Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	dibromide (EDB) (µg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Dichloro- benzene (µg/l)	pH (lab) (pH)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (mg/l)
MW-6 con											
8/9/1996											3.53
11/7/1996										4.06	3.99
2/10/1997										3.85	
8/5/1997										5.37	
11/4/1997										3.67	
2/12/1998											4.05
5/15/1998											5.28
8/12/1998											4.96
11/12/1998											5.36
3/1/1999											4.97
5/12/1999											5.47
8/11/1999											5.19
11/4/1999											5.38
8/25/2004											0.43
12/20/2005											1.16
3/10/2006											2.78
6/20/2006											2.69
9/25/2006											2.64
12/18/2006											3.01
3/29/2007											2.41
6/26/2007											8.90
12/18/2007											4.51
3/25/2008											3.98
9/15/2008					-						1.26

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Date Sampled		Ethanol	Ethylene- dibromide	1,2-DCA				1,2- Dichloro-	pН	Post-purge Dissolved	Pre-purge Dissolved	
•	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
	(μg/l)	(02002) (µg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	(μg/l)	(μg/l)	(pH)	(mg/l)	(mg/l)	
MW-7 co	ntinued	(66-7	(16.7)				(10,1)	\m& */	(P**)	((118,1)	
2/8/1996	ntinuea 				-						2.67	
5/8/1996										2.20		
8/9/1996											2.37	
11/7/1996										2.28	2.22	
2/11/1997										2.33	<i></i>	
8/5/1997										2.55		
11/4/1997										2.82		
2/12/1998											 3.24	
5/15/1998											2.95	
8/12/1998												
11/12/1998											3.19	
3/1/1998											2.04	
											2.64	
5/12/1999											3.05	
8/11/1999											2.69	
11/4/1999											2.47	
2/29/2000											2.31	
5/8/2000											2.16	
8/8/2000											1.88	
11/6/2000											1.96	
2/7/2001											2.08	
5/9/2001											1.81	
8/24/2001											1.53	
11/16/2001											1.92	
2/21/2002											1.79	
5/10/2002											0.7	

3292

n1

Page 14 of 23

					70	5 Station 3292					
Date Sampled	TBA (μg/l)	Ethanoi (8260В) (µg/l)	Ethylene- dibromide (EDB) (μg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	l,2- Dichloro- benzene (μg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-7 co											
8/26/2002											0.8
11/7/2002	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0				1.26
2/14/2003											1.16
5/12/2003											1.84
11/13/2003		ND<10000									
5/20/2004		ND<1000									
8/25/2004											0.49
11/2/2004		ND<1000							6.73		2.84
6/13/2005		ND<500									3.73
12/20/2005		ND<250									1.20
3/10/2006											0.41
6/20/2006		ND<1200						70 M			.61
9/25/2006											0.63
12/18/2006		ND<250									3.03
3/29/2007											2.63
6/26/2007		ND<250									6.81
12/18/2007		ND<1200									4.75
3/25/2008											5.02
6/18/2008		ND<1200									1.25
9/15/2008											0.67
[W-8											
2/8/1996											3.85
5/8/1996										2.09	
8/9/1996											2.56
11/7/1996							-			1.84	1.67
ດາ					1	Page 15 of 23					and Mr.

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Page 15 of 23

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MW-8 continued 2/10/1997 - - - - - - 2.1 - 8/5/1997 - - - - - - - 3.04 - 21/2/1998 - - - - - - 2.11 - 21/2/1998 - - - - - - - 2.44 8/12/1998 - - - - - - - 2.44 8/12/1998 - - - - - - - 2.43 1/12/1999 - - - - - - - 2.83 1/12/1999 - - - - - - 2.44 1/14/1999 - - - - - - 3.41 229/2000 - - - - - - 3.97 <tr< th=""><th>Date Sampled</th><th>TBA (µg/l)</th><th>Ethanol (8260B) (µg/l)</th><th>Ethylene- dibromide (EDB) (µg/l)</th><th>1,2-DCA (EDC) (µg/l)</th><th>DIPE (µg/l)</th><th>ETBE (µg/l)</th><th>TAME (µg/l)</th><th>1,2- Dichloro- benzene (µg/l)</th><th>pH (lab) (pH)</th><th>Post-purge Dissolved Oxygen (mg/l)</th><th>Pre-purge Dissolved Oxygen (mg/l)</th><th></th></tr<>	Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,2- Dichloro- benzene (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	
8/5/1997 - - - - - - - - 2.11 - 11/4/1997 - - - - - - - 2.11 - 21/2/1998 - - - - - - - - - 1.98 5/15/1998 - - - - - - - - - 2.44 8/12/1998 - - - - - - - - 2.43 1/12/1998 - - - - - - - - - 2.81 5/12/1999 - - - - - - - - 2.74 8/11/1999 - - - - - - - 3.04 1/14/1999 - - - - - - - 3.04 1/14/1999 - - - - - - 3.04 1/14/1999		ntinued											
114/1997 - - - - - - 2.11 - 2/12/1998 - - - - - - - 1.98 5/15/1998 - - - - - - - 2.44 8/12/1998 - - - - - - 2.83 1/12/1998 - - - - - - - 2.83 5/12/1999 - - - - - - - 2.74 8/11/1999 - - - - - - - 2.31 5/12/1999 - - - - - - - 2.74 8/11/1999 - - - - - - 3.04 11/14/1999 - - - - - - 3.04 11/14/1999 - - - - - 3.04 3.77 5/8/2000 - - -													
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		-											
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$											2.11		
8/12/1998 3.16 3/1/1999 3.16 3/1/1999 2.81 5/12/1999 2.81 5/12/1999 2.74 8/11/1999 3.04 11/4/1999 3.04 11/4/1999 3.41 2/29/2000 3.97 5/8/2000 3.97 5/9/2001 </td <td></td> <td>1.98</td> <td></td>												1.98	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5/15/1998											2.44	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	8/12/1998											2.83	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	11/12/1998											3.16	
8/11/1999 3.04 11/4/1999 3.04 2/29/2000 3.04 2/29/2000 3.77 5/8/2000 3.97 8/8/2000 3.97 8/8/2000 3.97 8/8/2000 3.59 11/6/2001 3.59 8/24/2001 3.59 8/24/2001 2.64	3/1/1999											2.81	
111/4/1999 3.77 2/29/2000 3.97 5/8/2000 3.97 8/8/2000 3.97 8/8/2000 3.97 8/8/2000 3.97 11/6/2000 3.59 11/6/2001 3.59 8/24/2001 3.59 8/24/2001 2.67 1/1/6/2001	5/12/1999											2.74	
2/29/2000 3.77 5/8/2000 3.97 8/8/2000 3.97 8/8/2000 3.97 1/6/2000 3.97 2/7/2001 3.19 5/9/2001 3.59 8/24/2001 3.59 8/24/2001 2.67 1/1/6/2001 2.64 2/21/2002 <td>8/11/1999</td> <td></td> <td>3.04</td> <td></td>	8/11/1999											3.04	
5/8/2000 3.97 8/8/2000 3.59 11/6/2000 3.59 11/6/2000 3.19 2/7/2001 3.59 8/24/2001 3.59 8/24/2001 3.59 8/24/2001 3.59 8/24/2001 2.67 11/16/2002 2.64 2/21/2002 2.	11/4/1999											3.41	
8/8/2000 3.59 11/6/2000 3.71 2/7/2001 3.71 2/7/2001 3.71 5/9/2001 3.59 8/24/2001 3.59 8/24/2001 3.59 8/24/2001 3.59 8/24/2001 2.67 11/16/2002 2.64 2/21/2002 2.88 5/10/2002	2/29/2000											3.77	
11/6/2000 3,71 2/7/2001 3,71 2/7/2001 3,19 5/9/2001 3,59 8/24/2001 2,67 11/16/2001 2,64 2/21/2002 2,88 5/10/2002 0,7 8/26/2002 <td>5/8/2000</td> <td></td> <td>3.97</td> <td></td>	5/8/2000											3.97	
2/7/2001 3.19 5/9/2001 3.59 8/24/2001 3.59 8/24/2001 2.67 11/16/2001 2.64 2/21/2002 2.88 5/10/2002 0.7 8/26/2002 0.7 8/26/2002 1 11/7/2002 ND<100	8/8/2000											3.59	
5/9/2001 3.59 8/24/2001 2.67 11/16/2001 2.64 2/21/2002 2.64 5/10/2002 2.88 5/10/2002 0.7 8/26/2002 0.7 8/26/2002 1 11/7/2002 ND<100	11/6/2000											3.71	
8/24/2001 2.67 11/16/2001 2.64 2/21/2002 2.88 5/10/2002 0.7 8/26/2002 0.7 8/26/2002 1 11/7/2002 ND<100	2/7/2001											3.19	
11/16/2001 2.64 2/21/2002 2.88 5/10/2002 2.88 5/10/2002 0.7 8/26/2002 1 11/7/2002 ND<100	5/9/2001											3.59	
2/21/2002 2.88 5/10/2002 0.7 8/26/2002 0.7 11/7/2002 ND<100	8/24/2001											2.67	
5/10/2002 0.7 8/26/2002 0.7 11/7/2002 ND<100 ND<500 , ND<2.0 ND<2.0 ND<2.0 ND<2.0 ND<2.0 1.74	11/16/2001											2.64	
5/10/2002 0.7 8/26/2002 0.7 11/7/2002 ND<100	2/21/2002											2.88	
11/7/2002 ND<100 ND<500 , ND<2.0 ND<2.0 ND<2.0 ND<2.0 ND<2.0 1.74	5/10/2002												
11/7/2002 ND<100 ND<500 , ND<2.0 ND<2.0 ND<2.0 ND<2.0 ND<2.0 1.74	8/26/2002												
	11/7/2002	ND<100	ND<500	, ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0					
2/14/2003 1.88	2/14/2003												
5/12/2003 2.16	5/12/2003												

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					/	Station 527	-				
Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,2- Dichloro- benzene (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-8 cor											
6/13/2005		ND<50									2.28
12/20/2005		ND<250									1.15
3/10/2006											0.47
6/20/2006		ND<250									5.54
9/25/2006											3.62
12/18/2006		ND<250									2.72
3/29/2007											0.76
6/26/2007		ND<250									6.07
12/18/2007		ND<250									4.75
3/25/2008											4.41
6/18/2008		ND<250									1.13
9/15/2008											0.69
/IW-9											
2/8/1996											3.62
5/8/1996										2.2	
8/9/1996											2.51
11/7/1996										2.02	2.06
2/10/1997										1.96	
8/5/1997										2.57	
11/4/1997										2.6	
2/12/1998											2.27
5/15/1998											2.62
8/12/1998											1.9
11/12/1998											1.38
3/1/1999											1.78

3292

Page 17 of 23



					~ ~ ~							
Date Sampled		27.1	Ethylene-					1,2-	**	Post-purge	Pre-purge	
Sampica	ጥበ ለ	Ethanol	dibromide	1,2-DCA	DIDE	FTDF	(CA) (C	Dichloro-	pH	Dissolved	Dissolved	
	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-9 co												
5/12/1999											2.26	
8/11/1999											2.42	
11/4/1999											2.71	
2/29/2000											3.05	
5/8/2000											3.77	
8/8/2000											3.39	
11/6/2000											4.06	
2/7/2001											3.46	
5/9/2001											4.33	
8/24/2001											2.36	
11/16/2001											2.48	
2/21/2002											2.8	
5/10/2002											0.6	
8/26/2002											0.8	
11/7/2002	ND<100		ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0		` 		i.32	
2/14/2003											2.17	
5/12/2003											1.94	
8/11/2003		ND<500										
11/13/2003		ND<500										
2/17/2004		ND<500										
5/20/2004		ND<50										
8/25/2004		ND<50									0.52	
11/2/2004		ND<50							6.77		2.54	
3/17/2005		ND<50									0.78	
6/13/2005		ND<50									7.04	
		1.20									1.04	

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Date Sampled	TBA (µg/l)	Ethano। (8260В) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,2- Dichloro- benzene (μg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-9 cor	ntinued										
9/27/2005		ND<250									1.44
12/20/2005		ND<250									1.40
3/10/2006		ND<250									0.63
6/20/2006		ND<250									5.54
9/25/2006	-	ND<250									5.38
12/18/2006		ND<250									3.01
3/29/2007		ND<250									3.35
6/26/2007		ND<250									5.10
9/26/2007	ND<10	ND<250			ND<0.50	ND<0.50	ND<0.50				1.38
12/18/2007		ND<250									4.28
3/25/2008		ND<250									3.87
6/18/2008		ND<250									0.63
9/15/2008		ND<250									5.08
IW-10											
11/2/1995											3.96
2/8/1996											2.88
5/8/1996										2.71	
8/9/1996											2.63
11/7/1996										1.84	1.81
2/10/1997										2.03	
8/5/1997										2.78	
11/4/1997										2.11	
2/12/1998											2.63
5/15/1998											2.24
8/12/1998											2.43

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Page 19 of 23

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Date Sampled	TBA (µg/l)	Ethanol (8260B) (μg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	l,2- Dichloro- benzene (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	
	continued											
11/12/1998											2.66	
3/1/1999											3.11	
5/12/1999											2.77	
8/11/1999											3.21	
11/4/1999											3.12	
2/29/2000											2.97	
5/8/2000											2.63	
8/8/2000											2.73	
11/6/2000											3.1	
2/7/2001											3.05	
5/9/2001											3.38	
8/24/2001											1.74	
11/16/2001								~			2.27	
2/21/2002											2.07	
5/10/2002											0.6	
8/26/2002											0.9	
11/7/2002	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				0.97	
2/14/2003											1.36	
5/12/2003											1.84	
8/11/2003		ND<500										
11/13/2003		ND<25000										
2/17/2004		ND<2500										
5/20/2004		ND<250										
8/25/2004		ND<250									0.57	
11/2/2004		ND<250							7.08		2.44	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

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					70	Station 5272					
Date Sampled	TBA (µg/l)	Ethanol (8260B) (μg/l)	Ethylene- dibromide (EDB) (μg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,2- Dichloro- benzene (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-10 co	ontinued										
3/17/2005		ND<250									0.53
6/13/2005		ND<250							~~		1.38
9/27/2005		ND<2500									1.85
12/20/2005		ND<250									1.20
3/10/2006		ND<250									0.52
6/20/2006		ND<1200									.72
9/25/2006		ND<500									0.81
12/18/2006		ND<250								·	2.31
3/29/2007		ND<250									0.83
6/26/2007		ND<250									6.20
9/26/2007	ND<20	ND<500			ND<1.0	ND<1.0	ND<1.0				1.38
12/18/2007		ND<250									5.75
3/25/2008		ND<1200									6.17
6/18/2008		ND<500									1.60
9/15/2008		ND<250									1.24
MW-11											
11/2/1995						~~					3.55
2/8/1996											2.19
5/8/1996										2.06	
8/9/1996											2.11
11/7/1996										2.36	2.35
2/10/1997										2.18	
8/5/1997				N-1						3.19	
11/4/1997										2.01	
2/12/1998											2,44

3292

Page 21 of 23



Date Sampled		Ethanoi	Ethylene- dibromide	1,2-DCA				1,2- Dichloro-	pН	Post-purge Dissolved	Pre-purge Dissolved	
T	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
	(µg/l)	(0200L) (μg/l)	(μg/l)	(μg/l)	μg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
		(µg/1)	(µg/1)	(µg/1)	(µg/1)	(μg/1)	(μg/1)	(µg/I)	(pri)	(ing/i)	(111g/1)	
MW-11 c 5/15/1998	continued										1.8	
8/12/1998											2.05	
11/12/1998											1.67	
3/1/1999											2.03	
5/12/1999												
8/11/1999											2.14	
											2.66	
11/4/1999											2.6	
2/29/2000											2.47	
5/8/2000											2.7	
8/8/2000											2.22	
11/6/2000											3.16	
2/7/2001											2.56	
5/9/2001											2.82	
8/24/2001	ND<500	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10					
8/29/2001	ND<500	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10				2.4	
11/16/2001											2.17	
2/21/2002											2.72	
5/10/2002	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0				0.5	
8/26/2002	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0				0.7	
11/7/2002	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.17	
2/14/2003											1.08	
5/12/2003	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.48	
8/11/2003	ND<500	ND<2500	ND<10		ND<10	ND<10	ND<10	ND<10				
11/13/2003		ND<2500										
2/17/2004	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10					
	112 -500		111/210	112/10	110~10	110-10	ND~10					

3292

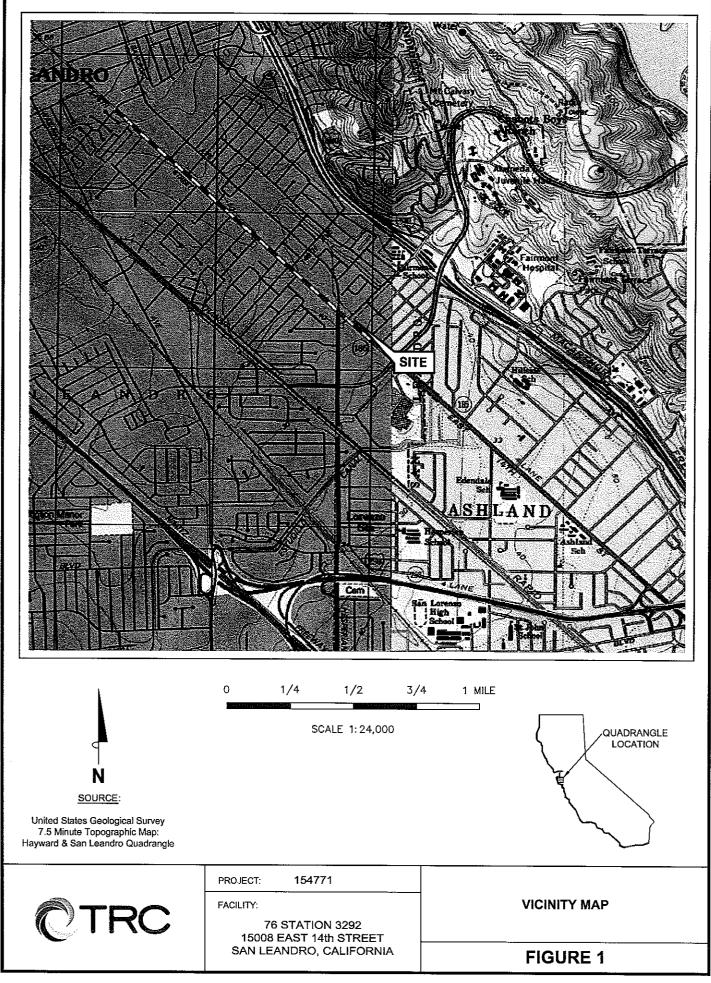
Page 22 of 23

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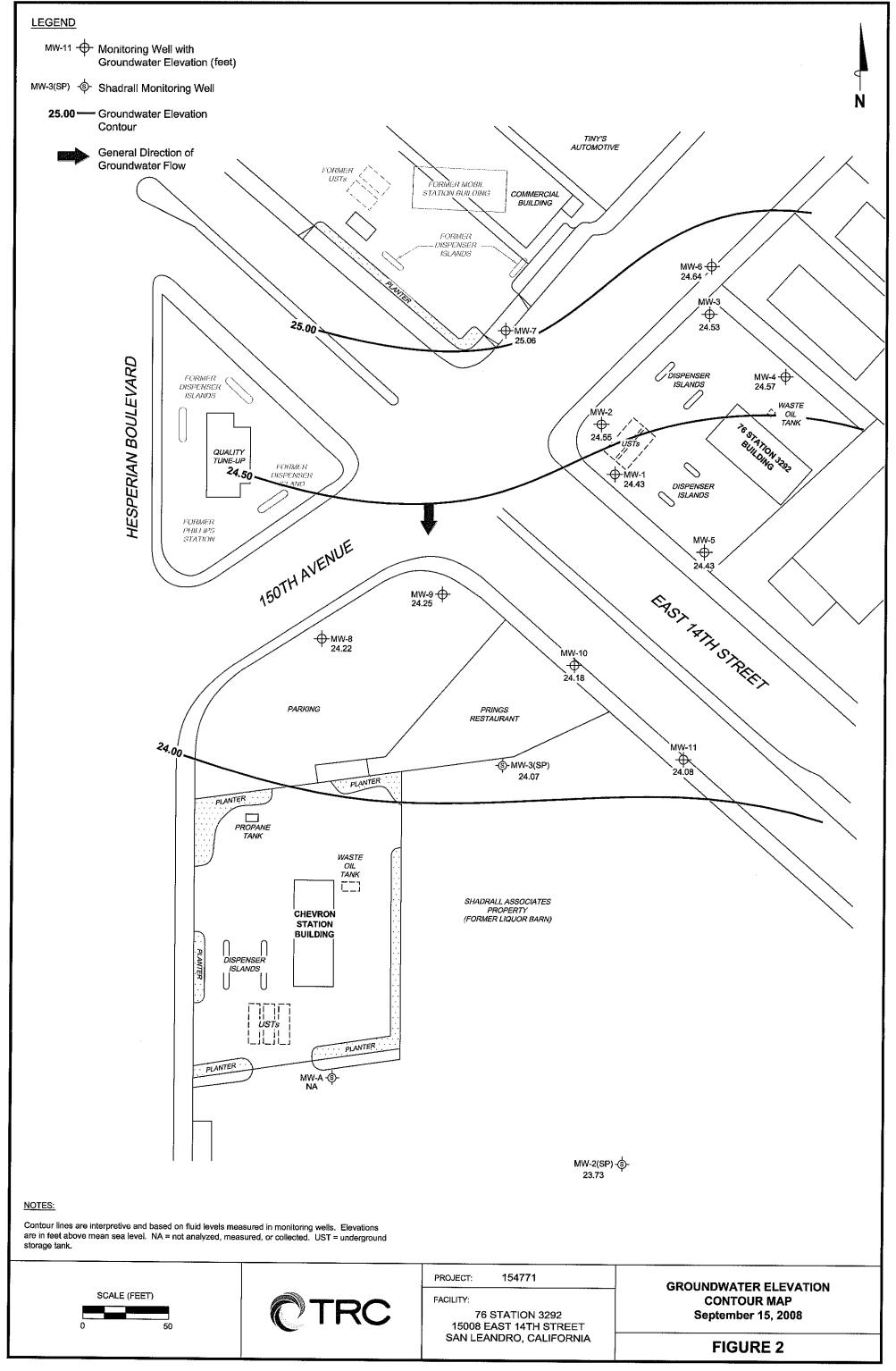
Date Sampled		Ethanol	Ethylene- dibromide	1,2-DCA				1,2- Dichloro-	рН	Post-purge Dissolved	Pre-purge Dissolved	
	TBA	(8260B)	(EDB)	(EDC)	DIPE	ETBE	TAME	benzene	(lab)	Oxygen	Oxygen	
F	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-11 c	ontinued											
5/20/2004	ND<25	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5					
8/25/2004	18	ND<100	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5				0.55	
11/2/2004		ND<100							7.08		3.0	
3/17/2005	13	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0				0.58	
6/13/2005	15	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50				6.78	
9/27/2005		ND<250									1.40	
12/20/2005	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50				1.46	
3/10/2006	ND<50	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5				0.45	
6/20/2006	ND<50	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5				.85	
9/25/2006		ND<250									0.72	
12/18/2006		ND<250									1.08	
3/29/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50				1.59	
6/26/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50				5.51	
9/26/2007	ND<10	ND<250			ND<0.50	ND<0.50	ND<0.50				1.58	
12/18/2007		ND<250								175 FF	4.15	
3/25/2008		ND<250									3.82	
6/18/2008		ND<250									1.00	
9/15/2008		ND<250									4.90	
		1.2 200									7.20	

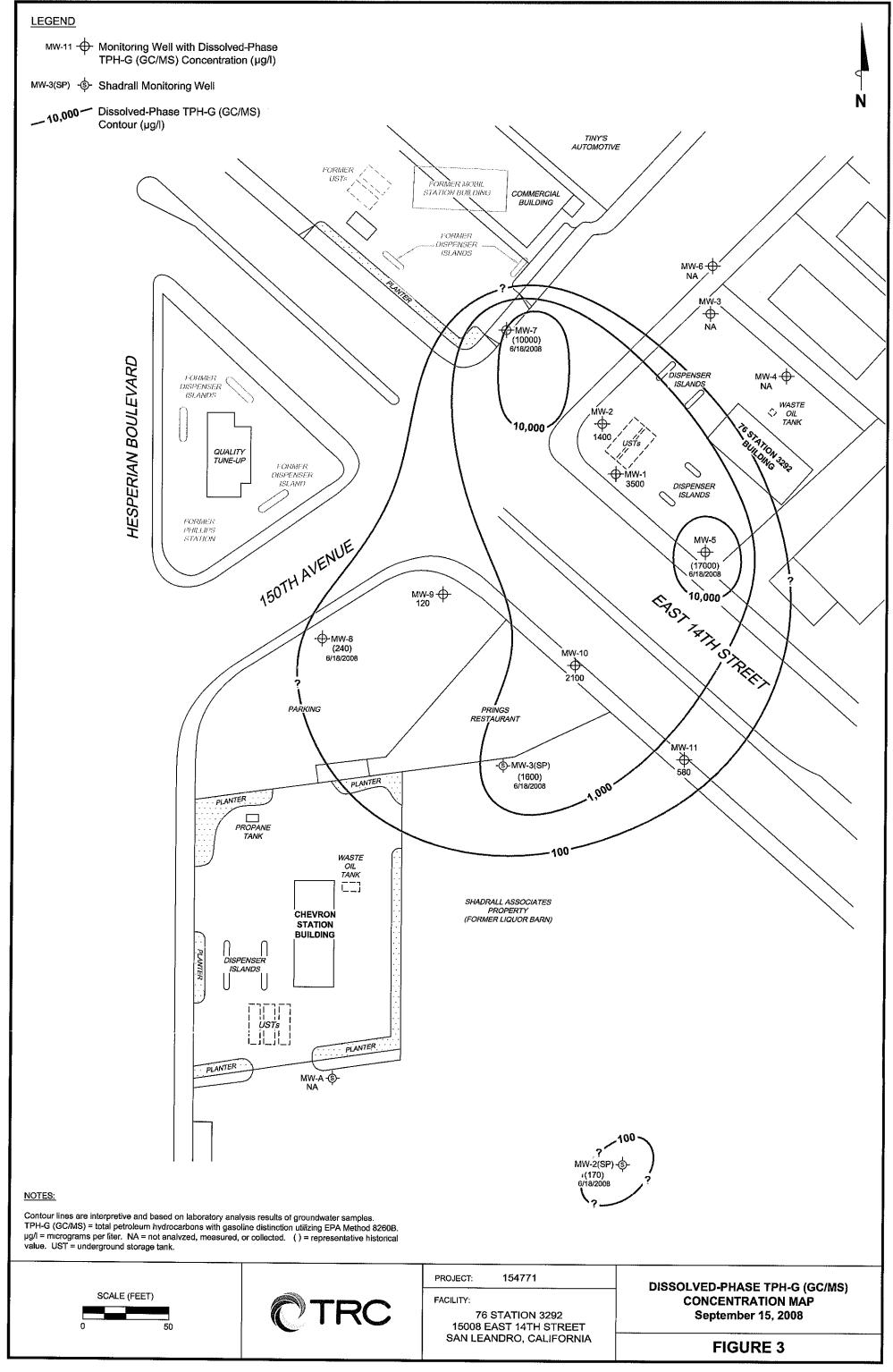


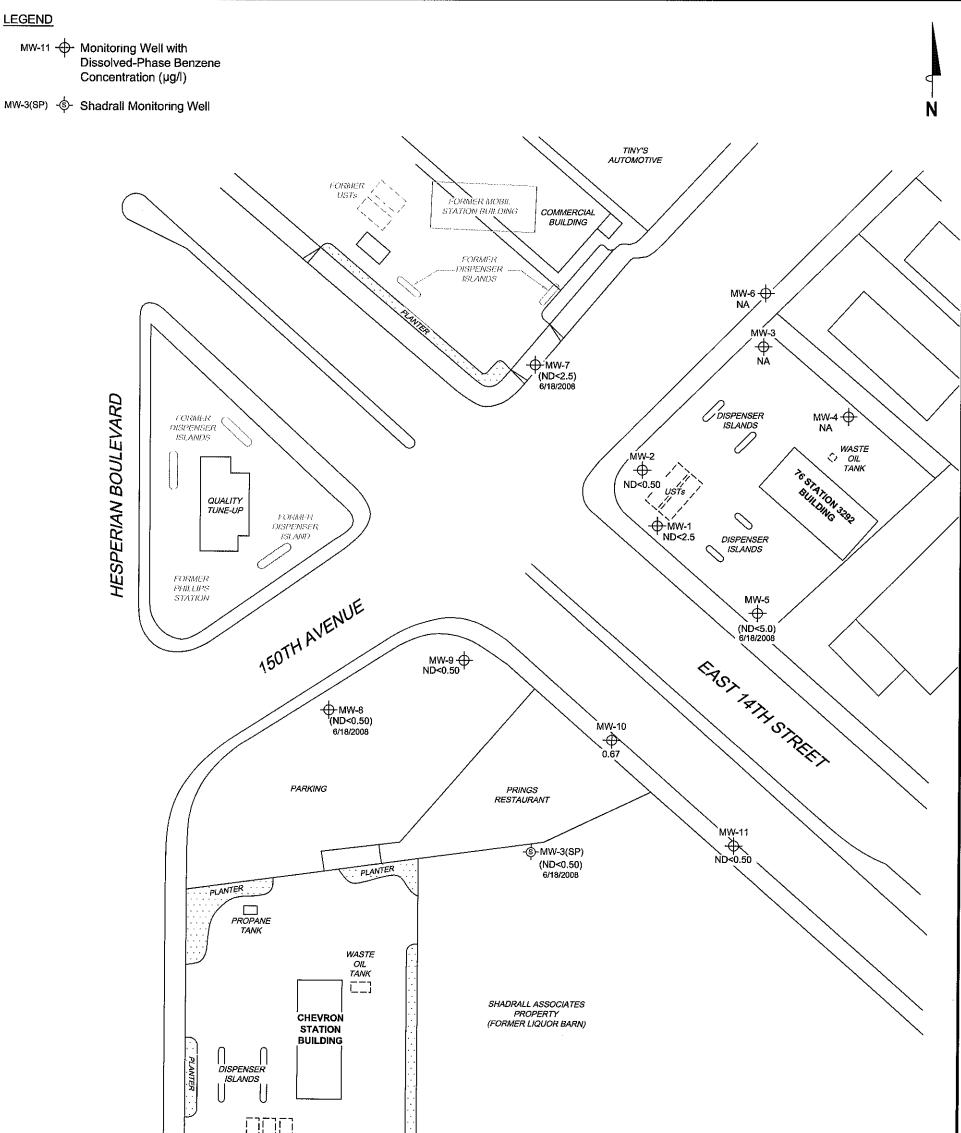
FIGURES



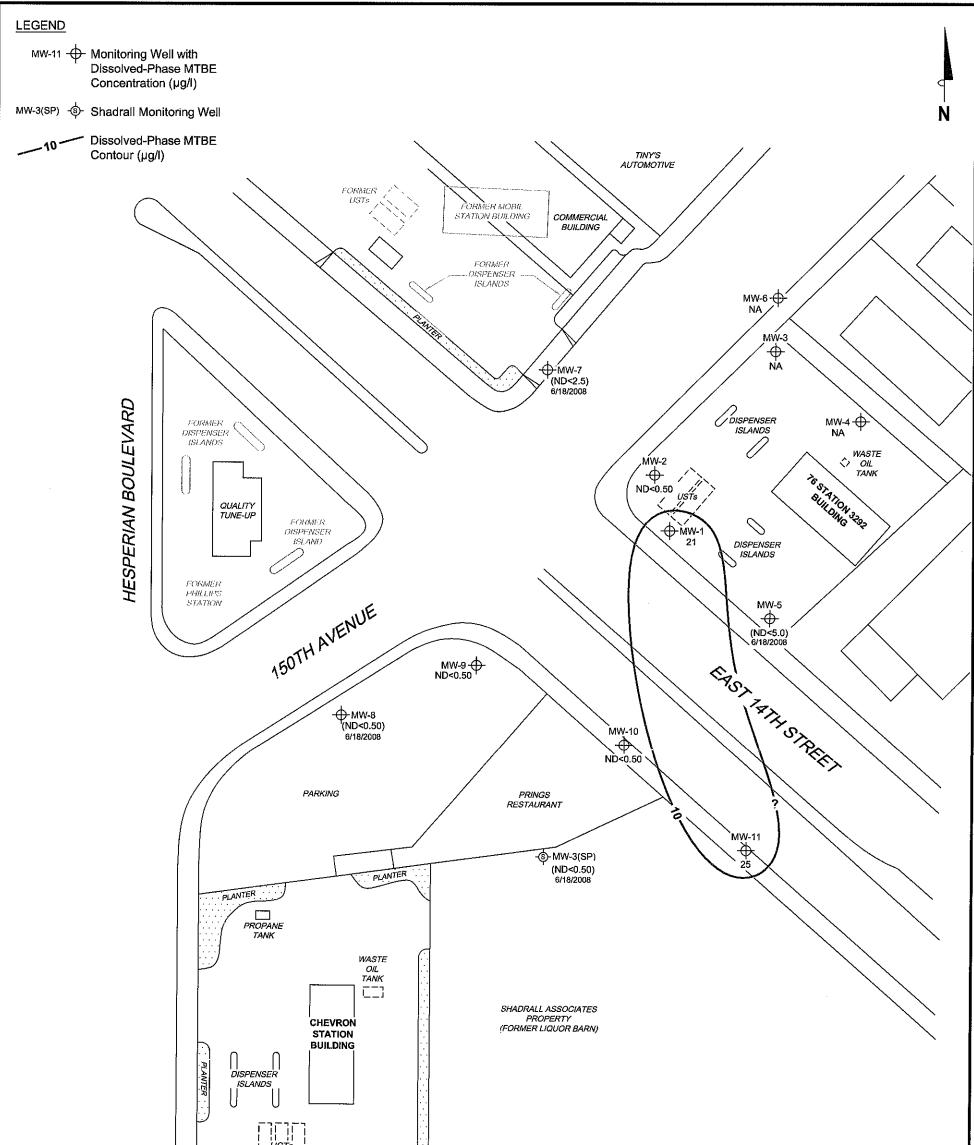
PS=1:1 L:\QMS V I C I N I T Y M A P S\3292VM.DWG Oct 14, 2008 - 9:040m bschmidt





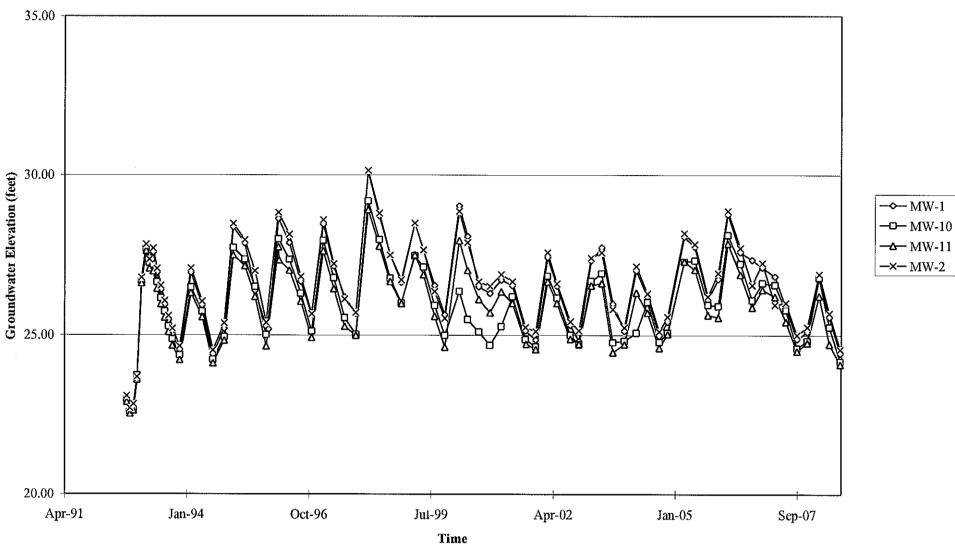


· PLAN	ER	MW-2(SP) -(\$ (ND<0.50) 6/16/2008	-
NOTES: ug/I ≕ micrograms per liter. ND = not detected at limit i NA ≔ not analyzed, measured, or collected. () = repre UST = underground storage tank.	ndicated on official laboratory report. sentative historical value.	PROJECT: 154771	
SCALE (FEET)	TRC	FACILITY: 76 STATION 3292 15008 EAST 14TH STREET	DISSOLVED-PHASE BENZENE CONCENTRATION MAP September 15, 2008
	_	SAN LEANDRO, CALIFORNIA	FIGURE 4



MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. () = representative historical value. UST = underground storage tank. Results obtained using EPA Method 8260B. PROJECT: 154771 DISSOL	and based on laboratory analysis results of groundwater samples.	
SCALE (FEET) FACILITY: CONCI 0 50 76 STATION 3292 Sept 15008 EAST 14TH STREET SAN LEANDRO CALLEORNIA Sept	 not analyzed, measured, or collected. () ≈ representative historical brage tank. Results obtained using EPA Method 8260B. EET) 50 PROJECT: 154771 FACILITY: 76 STATION 3292 15008 EAST 14TH STREET 	DISSOLVED-PHASE MTBE CONCENTRATION MAP September 15, 2008 FIGURE 5

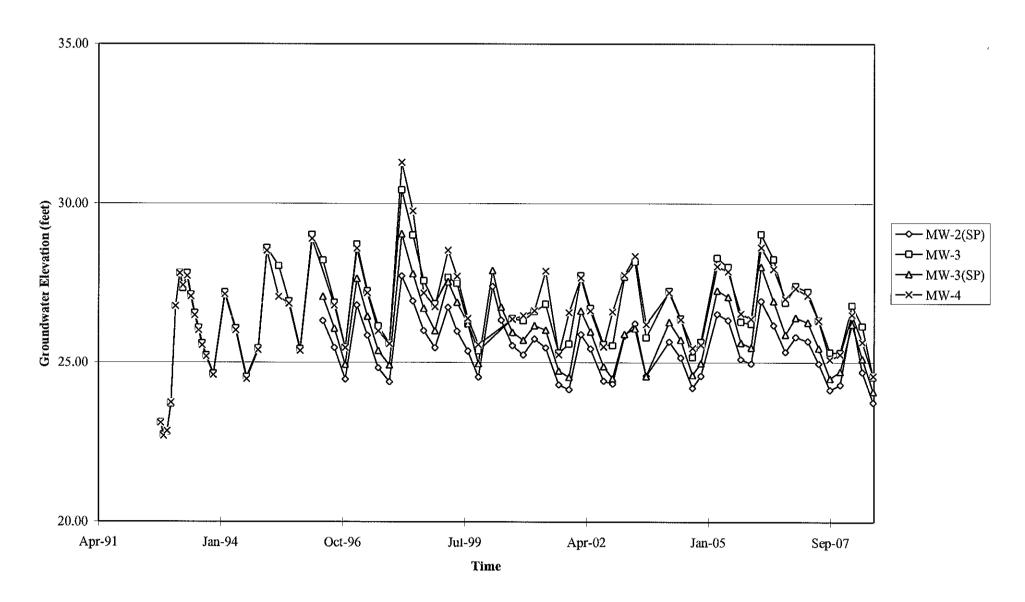
GRAPHS



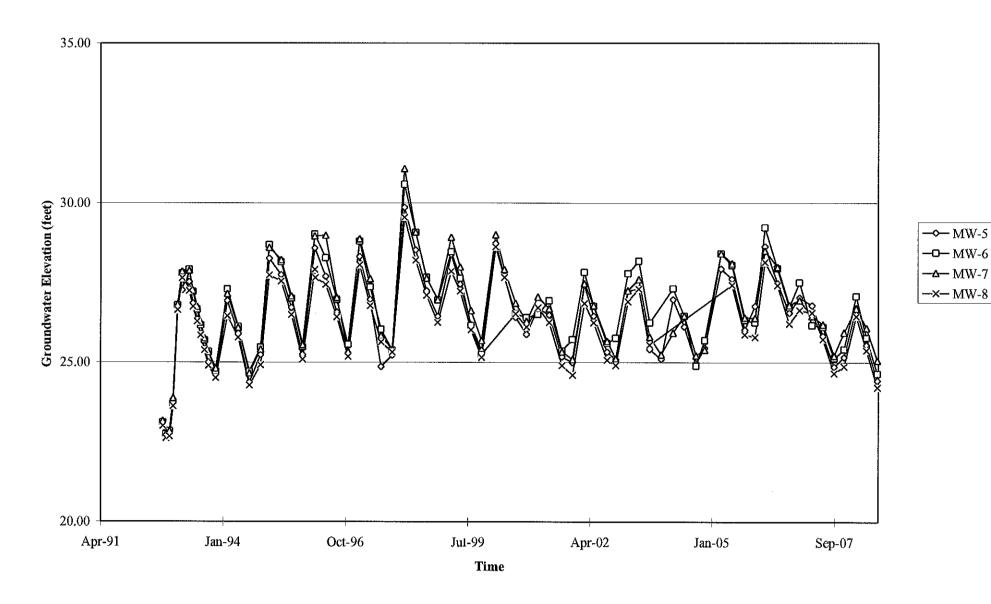
Elevations may have been corrected for apparent changes due to resurvey

8

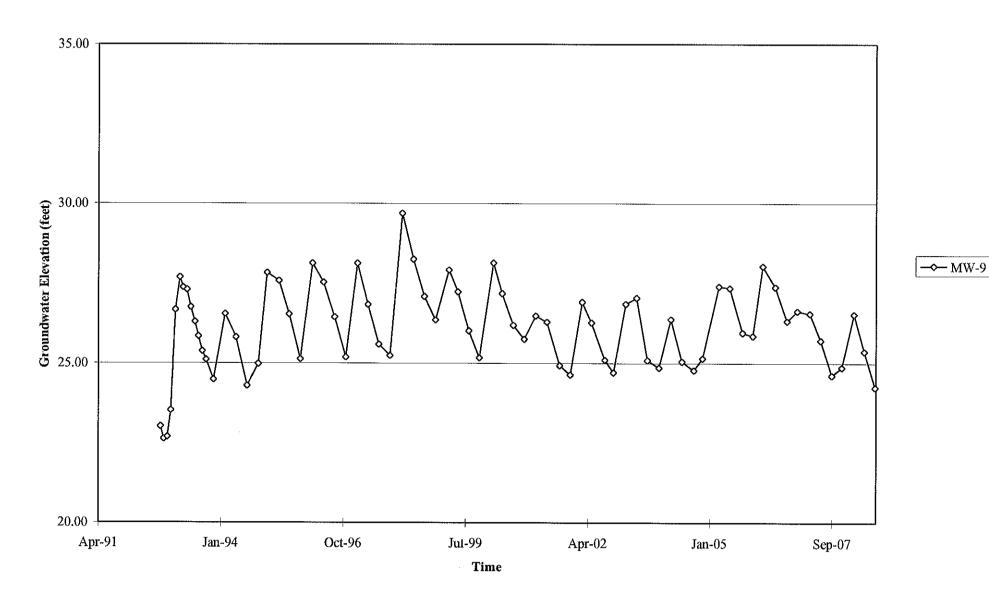
—×— MW-2



Elevations may have been corrected for apparent changes due to resurvey

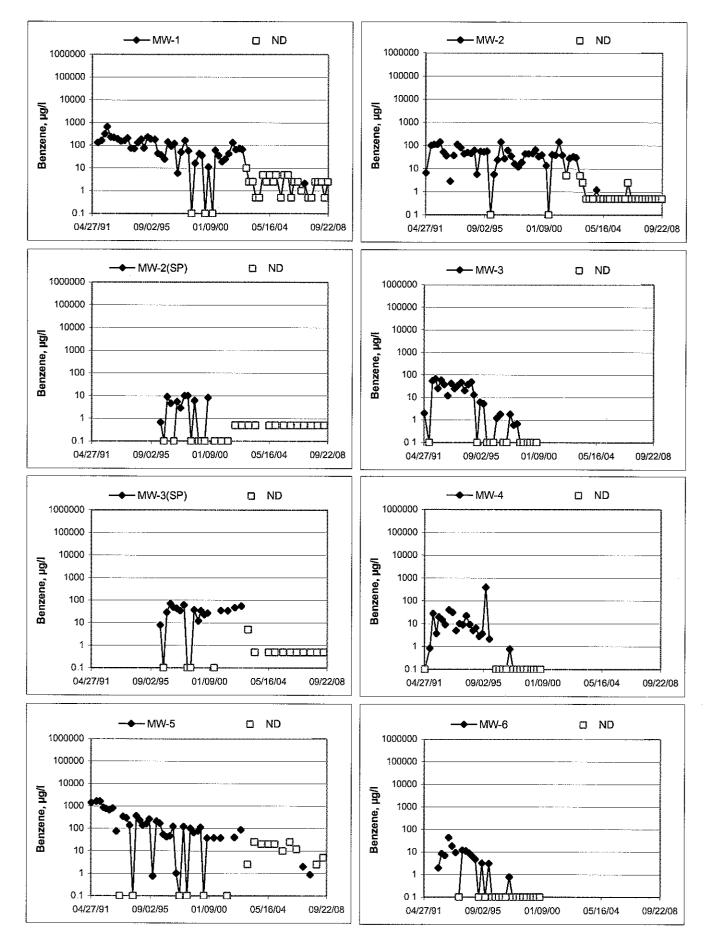


Elevations may have been corrected for apparent changes due to resurvey

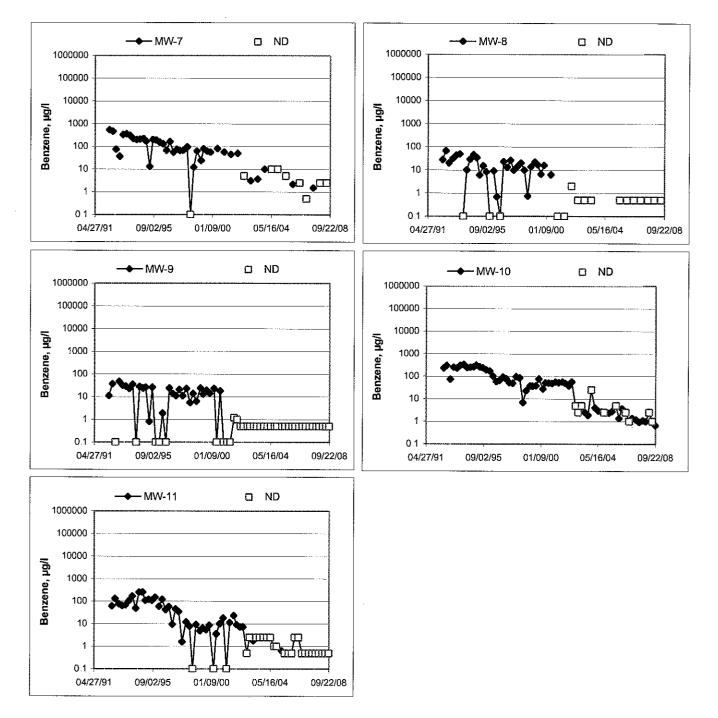


Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time 76 Station 3292



Benzene Concentrations vs Time 76 Station 3292



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, IRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring 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

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.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

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 submersi ble electric or pneumatic diaphragm pumps.

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 ISR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, 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.

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.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch 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 ISR. Particular car e is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all 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 ISR, 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.

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 Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

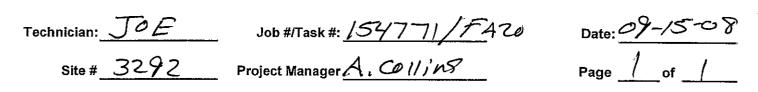
Exceptions

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

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3/7/08 version

FIELD MONITORING DATA SHEET



Ī					Depth	Depth	Product		
	187 -11-4	TOO	Time	Total	to	to	Thickness	Time	
	Well #	TOC	Gauged	Depth	Water	Product	(feet)	Sampled	Misc. Well Notes
	MW-3	\underline{X}	0559					NS	2" monitor only
- 11	mw-4	X_{-}	0608			••••••••••••••••••••••••••••••••••••••		NS	2″ V
	MW-2	X			11-75	·		0847	2″
- 1	mw-5	X	0626						2"
	MW-6	\times	0639	20.10	11.04	·		WS	2″ 5
	MW-7	\boldsymbol{X}	0650	21.16	11.00			NS	
	MW-8	X	0706	18.96	12.65			NS	
•	mw-9	<u>X</u>	0713	19.03	12.02			0932	2″
•	MW-10	X	0727	19.83	11.84			0949	2"
	MW-3(SP)	X	0732					NS	2"
H	mw-z(3P)	X	0739	20.73	11.71			NS	2" V
•	mw-11	$\boldsymbol{\lambda}$	0749	18.93	11.42			1009	z″
•	mm-1	X	0800	18.91	11.91			0908	2.17
							``		
					1				
	·				·				
	FIELD DATA		<u></u>	QA/QC		coć	\\/		DNDITION SHEETS
			_ / <u>i.</u>				V1		
	MANIFEST			VENTORY	,	TRAFFIC	ONTROL	· ···· ··· ··· ··· ··· ··· ··· ··· ···	
						/			

GROUNDWATER SAMPLING FIELD NOTES

Technician:	JOE	
3292 Site: <u>Mtv-Z</u> 5C Project No : <u>15</u>	54771	Date: <u>09-15-08</u>
Well No. MW-2	Purge Method:	
Depth to Water (feet): <u>11.75</u> Total Depth (feet) <u>5.19.08</u> <u>19.05</u> Water Column (feet): <u>7.30</u> 80% Recharge Depth(feet): <u>13.21</u>	Depth to Product (feet): LPH & Water Recovered (gallons): Casing Diameter (Inches):2/' 1 Well Volume (gallons):2	

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature (FO	pН	D.O. (mg/L)	ORP	Turbidity
pre	purse					•	1.12		
0838			2	7850	19.1	7.58			
			4	766.9	20.3	7.33			
	0840		6	767.3	20.2	7.13			
Stat	ic at Time Sa	mpled	Tota	al Gallons Pur	ged		Sample	Time	
	11.80		6	>	······	0	845		
Comments	:								

Well No	MW	- 9	
Depth to Wate	er (feet):	12.02	
Total Depth (f	eet)	19.03	
Water Colum	n (feet):	7.01	
80% Recharg	e Depth(fe	eet): 13.42	>

Purge Method: DIA

Depth to Product (feet):_____ LPH & Water Recovered (gallons):_____ Casing Diameter (Inches):_____

1 Well Volume (gallons):	
--------------------------	--

Time Start	Timė Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature (F, 🔿	рН	D.O. (mg/L)	ORP	Turbidity
pre 0923	purge						5.08		
0923			2	980.0	19.6	7.16			
			4	984.6	20.1	7.26			
·····	0926		6	863.3	20.1 20.2	7.48			
Stati	ic at Time Sa	mpled	Tota	al Gallons Pur	aed		Sample	Time	J
	12.70		6		<u></u>	0	932	Time	
Comments	•						100		

GROUNDWATER SAMPLING FIELD NOTES

		Tec	hnician: _	Joz	2	_			
Site: 3	292	Proj	ect No.:_ <u>1_</u>	<u>5477</u>	,		Date:_	09-1	15-08
Well No	MW	-10	<u></u>	Purge Metho	d: DFA	1			
Depth to W	ater (feet):	11.84			duct (feet):				
Water Colu	mn (feet):	19,83 7,99 at):_13,43	3	LPH & Wate Casing Diam 1 Well Volum	r Recovered(g neter (Inches): ne (gallons):	allons): 			
Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature (FC	pН	D.O. (mg/L)	ORP	Turbidity
Pre	Purge						1.24		
0941			2	830.8	20,1	7.14			
······································			4	936.7	20:3	7.10			
	0943		6	936.6	20.3	7.14			
Stat	ic at Time Sa		Tota	al Gallons Pui	ged	0	Sample 947	Time	l
Comments									

 Well No.
 Mw-11

 Depth to Water (feet):
 11.42

 Total Depth (feet)
 18.93

 Water Column (feet):
 7.51

 80% Recharge Depth(feet):
 12.92

Purge Method: 0-7-4

Depth to Product (feet):

LPH & Water Recovered (gallons):

Casing Diameter (Inches): 2" 1 Well Volume (gallons): 2

urge			(uS/cm)	Temperature (F,C)		(mg/L)	ORP	Turbidity
			1	·	-+2	4.90		1
		2	927.0	20,3	7.80			
	_	4	9229	20.4	7.40		i	
002		6	923.3	20.5	7.53			
Time Sar	mpled	Tota	I al Gallons Pu	rged		Sample	Time	<u> </u>
71.94	>	6			/	1009		
				--				
	Time Sar	Time Sampled	Time Sampled Tota	4 9229 002 6 923.3 Time Sampled Total Gallons Put	4 9229 20.4 002 6 923.3 20.5 Time Sampled Total Gallons Purged 1	4 9229 20.4 7.40 002 6 923.3 20.5 7.53 Time Sampled Total Gallons Purged 1 1	4 9229 20.4 7.40 002 6 923.3 20.5 7.53 Time Sampled Total Gallons Purged Sample	4 9229 20.4 7.40 002 6 923.3 20.5 7.53 Time Sampled Total Gallons Purged Sample Time

GROUNDWATER SAMPLING FIELD NOTES

		Тес	chnician:	Joz	£				
Site: 32	92	Proj	iect No.: <u>/</u>	<u>5477,</u>)		Date:	09-	<u>15-0</u> 8
Well No	Mu	1-1		Purge Metho	od:	łB			
Depth to W	ater (feet):	<u>_11.91</u>		Depth to Pro	duct (feet):				
Total Depth	(feet)	18.78		LPH & Wate	r Recovered (g	allons):		-	
Water Colu	mn (feet):	7.07							
80% Recha	rge Depth(fe	eet): 13.32	2	1 Well Volum	neter (Inches): ne (gallons):	2			
Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature (FC)	pН	D.O. (mg/L)	ORP	Turbidity
pre.	puge			sca			1.34		
0855			Z	757958	20.1	7.21			
	AGAIL		<u> </u>	792.3	20.8	7.08			
·····	0904		_6	799.6	20-8	7.01			ļ
	1]					

Static at Time Sampled 12.26 Comments:

Well No.____

Purge Method:_____

Total Gallons Purged

Depth to Water (feet):_____

Total Depth (feet)_____

Water Column (feet):_____

LPH & Water Recovered (gallons):

80% Recharge Depth(feet):_____ 1 Well Vo

6

Casing Diameter (Inches):_____ 1 Well Volume (gallons):_____

Depth to Product (feet):_____

Time Start	Timè Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature (F,C)	рН	D.O. (mg/L)	ORP	Turbidity
		; 							
Stati	c at Time Sa	ampled		10-11-1 D					L
				I Gallons Pur	ged		Sample	Time	
Comments		····· <u>················</u>							
	· · · · · · · · · · · · · · · · · · ·						··· ···		



Sample Time

FIELD MEASUREMENTS

Site ID: <u>3292</u> Technician: <u>JOE L</u>. Date: <u>09-15-08</u>

Well ID	рН	Cond.	Temp	DO	ORP	Turbidity	· · · · · · · · · · · · · · · · · · ·	
	units	us/cm	deg.C	mg/l	mv	ntu		
MW-3 MW-4 MW-5 MW-6				-0.71				
MW-4				1.35				
MW-5				1.2.2				
Mw-6				1.26				
MW-7 MW-8 MW-3(SP) MW-2(SP)				0.67				
MW-8		·····		0.69				
MW-3(SP)		~		0.70				
MW-2(5P)				1.61	~			
					· · · · · ·			
19 								
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	<u> </u>						 	
				· · ·				
			1					
L		<u> </u>						



Date of Report: 09/23/2008

Anju Farfan

TRC

21 Technology Drive Irvine, CA 92618

RE: 3292 BC Work Order: 0812203

Enclosed are the results of analyses for samples received by the laboratory on 9/15/2008. 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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, inc. assumes no responsibility for report atteration, separation, detachment or third party interpretation. 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Certifications: California - ELAP Certification Number 1186; Nevada Administrative Code - NAC-445A



TRC

Project: 3292 21 Technology Drive Project Number: [none] Irvine. CA 92618

Project Manager: Aniu Farfan

Reported: 09/23/2008 13:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informat	tion			
0812203-01	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292 MW-2 MW-2 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	09/15/2008 22:00 09/15/2008 08:47 Water	Delivery Work Order: Global ID: T0600101450 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0812203-02	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292 MW-9 MW-9 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	09/15/2008 22:00 09/15/2008 09:32 Water	Delivery Work Order: Global ID: T0600101450 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0812203-03	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292 MW-10 MW-10 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	09/15/2008 22:00 09/15/2008 09:49 Water	Delivery Work Order: Global ID: T0600101450 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0812203-04	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292 MW-11 MW-11 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	09/15/2008 22:00 09/15/2008 10:09 Water	Delivery Work Order: Global ID: T0600101450 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0812203-05	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292 MW-1 MW-1 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	09/15/2008 22:00 09/15/2008 09:08 Water	Delivery Work Order: Global ID: T0600101450 Matrix: W Sample QC Type (SACode): CS Cooler ID:

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Page 2 of 11



Laboratories, Inc.

TRC

21 Technology Drive Irvine, CA 92618

1

Project: 3292

Reported: 09/23/2008 13:30

Project Number: [none]

Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0812203-01	Client Sam	ple Name	e: 3292, MW-2, MW	2, 9/15/200	8 8:47:00	DAM						
Constituent	Result	Units	PQL MDL	Method	Prep Date	Run Date/Time	Anaiyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178	ND	
Toluene	ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178	ND	
Ethanol	ND	ug/L	250	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178	ND	
Total Purgeable Petroleum Hydrocarbons	1400	ug/L	50	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.4	%	76 - 114 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178		
4-Bromofluorobenzene (Surrogate)	109	%	86 - 115 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 01:39	SDU	MS-V10	1	BRI1178		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation. 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Certifications: California - ELAP Certification Number 1186; Nevada Administrative Code - NAC-445A

Page 3 of 11



Laboratories, Inc.

TRC

21 Technology Drive Irvine, CA 92618 Project: 3292

Reported: 09/23/2008 13:30

Project Number: [none]

Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 081220	03-02	Client Sam	ole Name	: 3292, MW-9, MW	/-9, 9/15/200	8 9:32:00	DAM						
Constituent		Result	Units	PQL MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene		ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178	ND	
Ethylbenzene		ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178	ND	
Methyl t-butyl ether		ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178	ND	
Toluene		ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178	ND	
Total Xylenes		ND	ug/L	1.0	EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178	ND	
Ethanol		ND	ug/L	250	EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178	ND	
Total Purgeable Petroleum Hydrocarbons		120	ug/L	50	EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178	ND	
1,2-Dichloroethane-d4 (Surroga	te)	102	%	76 - 114 (LCL - UCL) EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178		
Toluene-d8 (Surrogate)		93.9	%	88 - 110 (LCL - UCL) EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178		
4-Bromofluorobenzene (Surroga	ate)	107	%	86 - 115 (LCL - UCL) EPA-8260	09/17/08	09/18/08 01:57	SDU	MS-V10	1	BRI1178		



Laboratories, Inc.

TRC

21 Technology Drive Irvine, CA 92618 Project: 3292

Reported: 09/23/2008 13:30

Project Number: [none]

Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0812203-03	Client Sam	ple Name	e: 3292, MW-10, N	1W-10, 9/15/2	2008 9:49	:00AM						
					Prep	Run		Instru-		QC	MB	Lab
Constituent	Result	Units	PQL MD	<u>Method</u>	Date	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals
Benzene	0.67	ug/L	0.50	EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178	ND	
Toluene	ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178	ND	
Ethanol	ND	ug/L	250	EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178	ND	
Total Purgeable Petroleum Hydrocarbons	2100	ug/L	250	EPA-8260	09/17/08	09/18/08 19:12	SDU	MS-V10	5	BRI1178	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	92.5	%	76 - 114 (LCL - UC	_) EPA-8260	09/17/08	09/18/08 19:12	SDU	MS-V10	5	BRI1178		
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UC	_) EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178		
Toluene-d8 (Surrogate)	92.8	%	88 - 110 (LCL - UC	_) EPA-8260	09/17/08	09/18/08 19:12	SDU	MS-V10	5	BRI1178		
Toluene-d8 (Surrogate)	98.2	%	88 - 110 (LCL - UC	_) EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178		
4-Bromofluorobenzene (Surrogate)	108	%	86 - 115 (LCL - UC	_) EPA-8260	09/17/08	09/18/08 19:12	SDU	MS-V10	5	BRI1178		
4-Bromofluorobenzene (Surrogate)	110	%	86 - 115 (LCL - UC	_) EPA-8260	09/17/08	09/18/08 02:14	SDU	MS-V10	1	BRI1178		

Page 5 of 11



TRC

21 Technology Drive Irvine, CA 92618

Project: 3292

Reported: 09/23/2008 13:30

Project Number: [none]

Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0812	203-04	Client Sam	ple Name	: 3292, MW-11, MV	V-11, 9/15/2	008 10:09	9:00AM						
Constituent		Result	Units	PQL MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene		ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178	ND	
Ethylbenzene		ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178	ND	
Methyl t-butyl ether		25	ug/L	0.50	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178	ND	
Toluene		ND	ug/L	0.50	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178	ND	
Total Xylenes		ND	ug/L	1.0	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178	ND	
Ethanol		ND	ug/L	250	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178	ND	
Total Purgeable Petroleum Hydrocarbons		580	ug/L	50	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178	ND	
1,2-Dichloroethane-d4 (Surrog	gate)	91.5	%	76 - 114 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178	·	
Toluene-d8 (Surrogate)		94.9	%	88 - 110 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 18:54	SDU	MS-V10	1	BRI1178		
4-Bromofluorobenzene (Surro	ogate)	106	%	86 - 115 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 18:54	SDŲ	MS-V10	1	BRI1178		

BC	Laboratories	, Inc.

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21 Technology Drive Irvine, CA 92618 Project: 3292

Reported: 09/23/2008 13:30

Project Number: Inonel Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0812203-05	Client Sam	ple Name	: 3292, MW-1, MW	-1, 9/15/200	8 9:08:00	DAM						
Constituent	Result	Units	PQL MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	2.5	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178	ND	A01
Ethyibenzene	ND	ug/L	2.5	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178	ND	A01
Methyl t-butyl ether	21	ug/L	2.5	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178	ND	A01
Toluene	ND	ug/L	2.5	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178	ND	A01
Total Xylenes	ND	ug/L	5.0	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178	ND	A01
Ethanol	ND	ug/L	1200	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178	ND	A 01
Total Purgeable Petroleum Hydrocarbons	3500	ug/L	250	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178		
Toluene-d8 (Surrogate)	92.5	%	88 - 110 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)	EPA-8260	09/17/08	09/18/08 00:28	SDU	MS-V10	5	BRI1178		



TRC 21 Technology Drive Irvine, CA 92618

Project: 3292 Project Number: Inonel

Reported: 09/23/2008 13:30

Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

										<u>Contr</u>	<u>ol Limits</u>
			Source	Source		Spike			Percent		Percent
Constituent	Batch ID	QC Sample Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery Lab Quals
Benzene	BRI1178	Matrix Spike	0811604-35	0	24.280	25.000	ug/L		97.1		70 - 130
		Matrix Spike Duplicat	e0811604-35	0	24.240	25.000	ug/L	0.1	97.0	20	70 - 130
Toluene	BRI1178	Matrix Spike	0811604-35	0	24.210	25.000	ug/L		96.8		70 - 130
		Matrix Spike Duplicat	e0811604-35	0	23.790	25.000	ug/L	1.7	95.2	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRI1178	Matrix Spike	0811604-35	ND	9.5000	10.000	ug/L		95.0		76 - 114
		Matrix Spike Duplicat	e 0811604-35	ND	9.7700	10.000	ug/L		97.7		76 - 114
Toluene-d8 (Surrogate)	BRI1178	Matrix Spike	0811604-35	ND	9.7600	10.000	ug/L		97.6		88 - 110
		Matrix Spike Duplicat	e 0811604-35	ND	9.9400	10.000	ug/L		99.4		88 - 110
4-Bromofluorobenzene (Surrogate)	BRI1178	Matrix Spike	0811604-35	ND	10.430	10.000	ug/L		104		86 - 115
		Matrix Spike Duplicat	e0811604-35	ND	10.360	10.000	ug/L		104		86 - 115



TRC 21 Technology Drive Irvine, CA 92618

Project: 3292

Reported: 09/23/2008 13:30

Project Number: Inonel

Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

									<u>Control</u>	Limits	
Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	Percent RPD Recovery	RPD	Lab Quals
Benzene	BRI1178	BRI1178-BS1	LCS	25.550	25.000	0.50	ug/L	102	70 - 130		
Toluene	BRI1178	BRI1178-BS1	LCS	25.120	25.000	0.50	ug/L	100	70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI1178	BRI1178-BS1	LCS	9.5900	10.000		ug/L	95.9	76 - 114		
Toluene-d8 (Surrogate)	BRI1178	BRI1178-BS1	LCS	9.9200	10.000		ug/L	99.2	88 - 110		
4-Bromofluorobenzene (Surrogate)	BRI1178	BRI1178-BS1	LCS	10.550	10.000		ug/L	106	86 - 115		



TRC 21 Technology Drive Irvine, CA 92618

Project: 3292

Reported: 09/23/2008 13:30

Project Number: [none]

Project Manager: Aniu Farfan

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRI1178	BRI1178-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRI1178	BRI1178-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRI1178	BRI1178-BLK1	ND	ug/L	0.50		
Toluene	BRI1178	BRI1178-BLK1	ND	ug/L	0.50		
Total Xylenes	BRI1178	BRI1178-BLK1	ND	ug/L	1.0		
Ethanol	BRI1178	BRI1178-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BRI1178	BRI1178-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRI1178	BRI1178-BLK1	105	%	76 - 114 (LCL	- UCL)	
Toluene-d8 (Surrogate)	BRI1178	BRI1178-BLK1	98.7	%	88 - 110 (LCL	- UCL)	
4-Bromofluorobenzene (Surrogate)	BRI1178	BRI1178-BLK1	102	%	86 - 115 (LCL	- UCL)	



	hnology Drive CA 92618	Project: 3292 Project Number: [none] Project Manager: Anju Farfan	Reported: 09/23/2008 13:30
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.		

Page 11 of 11

BC LABORATORIES INC. A		SAMPLE	RECEIF	T FORM	Re	v. No. 12	06/24/08	Page _	Of	
Submission #:() 82202										
SHIPPING INF		· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>		SHIPPI				
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BC Lab Field Service SK Othe	er 🗆 (Specify	/)			Box		Othe	r 🗆 (Spec	:ify)	
			_							
Refrigerant: Ice 🕰 Blue Ice	D None	🗆 Oth	er 🗆 🛛	Commen	ts:		······································			
Custody Seals Ice Chest	Containe Intact? Yes	South States States	None 🗆	Comme	ents:					
All samples received? Yes 🖌 No 🗆	All samples		intact? Ye		 D	Descript	ion(s) mate	:h COC? Y	es 🖌 No 1	
COC Received	· · · · ·		· ···			·····			2205	
	Emissivity: (<u>×</u>	Date/Time	e <u>09-15-</u>	08
	Temperature	: A <u>26</u>	1	с / с	2.0	°C		Analyst Ir	nit <u>Ann</u>	
SAMPLE CONTAINERS	1	2	. 3	4	SAMPLE	NUMBERS 6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSIC								<u>_</u>	3	10
PI PE UNPRESERVED							······			
OT INORGANIC CHEMICAL METALS							<u> </u>			
PI INORGANIC CHEMICAL METALS				· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·		
PT CYANIDE										<u>_</u>
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
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PT TOX										
PT CHEMICAL OXYGEN DEMAND				· · ·						
PIA PHENOLICS										-
40ml VOA VIAL TRAVEL BLANK	1 2 2	1 0	<u> </u>	1 0	1 3					
40ml VOA VIAL	A B	<u> </u>	<u>A 3</u>	A B	AЗ	()	<u> </u>	()		(_)
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40 ml VOA VIAL- 504 QT EPA 508/608/8080				• • · · · ·						{
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QT_EPA 549										
Q1 EPA 632									,	
OT EPA 8015M						[1	
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL		T								
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FERROUS IRON										
ENCORE										

Date/TimeCHH6 \$30

Comments: Sample Numbering Completed By: [7] A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES, INC.	4100 Atlas Court (661) 327-4911	Bakersfield, CA 933 FAX (661) 327-1918			СНА		F CU	ISTO	DY	
0812203					Ana	lysi	s Re	ques	sted	
Bill to: Conoco Phillips/ TRC	Consultant Firm: TR	C	MATRIX (GW)	5						
Address: 15008 East 14TH S	77 21 Technology Drive Irvine, CA 92618-230 Attn: Anju Farfan		Ground- water (S) Soil	, Gas by 8015		nates	8260B			uested
City: San Leandrd	4-digit site#: 32 Workorder #01160		(WW)	by 8021B	8015M	by 8015 w/ oxygenates	BTEX/MTBE/ OXYS BY	8260B	GC/MS	Time Requested
State: CA Zip:	Project #: 1547-		(SL)		A A	ist v	BE/€	b d		L pu
Conoco Phillips Mgr: Ted Mois	e Sampler Name: Jo	EL.	Sludge	LMU	GAS	DIESEL) full list v	UMT	ION/	l by	arou
Lab# Sample Description	Field Point Name	Date & Time Sampled		BTEX/MTBE	TPH (8260 full list w/	BTEX	ETHANOL	- HAT	Turnaround
3460	MW-2	09-15-08 0847	Gu				X	X	\mathbf{X}	STD
- 2	mw-9	0932								
-3	MW-10	0949								
	Mw-11	1, 1009								
- CHIGBY DISTRIBUTION	/	V 0908	V				/		V	
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MTBE WH	Relinqu ished by: (S	ignature)				vedbys Shir		2	Date & Time 7//5//18	1600
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	Rikui	1-12-1-	(-082	20	Ö	CÆ	ð Eur	n	9-15-	08 22 50

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring wells was accumulated at TRC's groundwater monitoring facility at Concord, California. for transportation by a licensed carrier, to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by others.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.