

RECEIVED

2:56 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 Fourth Quarter 2008 76 Service Station #3292 15008 East 14<sup>th</sup> 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 4, 2009

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

RE: Quarterly Summary Report – Fourth 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

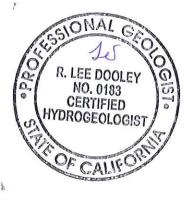
15008 East 14<sup>th</sup> Street San Leandro, Alameda County California

Sincerely, Delta Consultants

asalia

Daniel Cassalia Project Manager

Lee Dooley Certified Hydrogeologist No. 0183



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



312 PIERCY ROAD SAN JOSE, CALIFORNIA 95138 USA PHONE +1 408.224.4724 / USA TOLL FREE 800.477.7411 Fax +1 408.225.8506 www.deltaenv.com

#### Quarterly Summary Report Fourth Quarter – 2008

#### Tosco 76 Branded Facility No. 3292 15008 East 14<sup>th</sup> Street San Leandro, Alameda County, CA

#### **PREVIOUS ASSESSMENT ACTIVITIES**

<u>January 1991</u> 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.

<u>April 1991</u> 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 December 17, 2008, reported depth to groundwater in the site area ranged from 11.1 feet (MW-6) to 12.84 feet (MW-8) below top of casing (TOC), with 0.11 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 0.003 feet per feet (ft/ft). Reported historical groundwater flow direction (since 2000) has ranged from south to southwest (see rose diagram – Figure 1).

During the fourth quarter 2008, all thirteen wells were gauged and groundwater samples collected from ten of the wells. 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.

TPH-G was reported in all of the ten wells sampled, with a maximum concentration of 24,000  $\mu$ g/L in onsite monitoring well MW-5. This is an increase in concentration from 17,000  $\mu$ g/L from the previous sampling of MW-5 in the second quarter 2008. However the current concentration is similar to previous TPH-G concentrations in MW-5 for the past four years. Concentrations of TPH-G detected in the other nine wells were at 6,900  $\mu$ g/l or less, and appeared to be consistent with historical results in the past 1 to 2 years.

MTBE was reported in three of the ten wells sampled, with a maximum concentration of 22  $\mu$ g/L in both monitoring well MW-1 and MW-11. This is essentially unchanged from the previous sampling event concentration of 21  $\mu$ g/L in MW-1 and 22  $\mu$ g/L in MW-11. Concentrations of MTBE in other site wells has typically been near or below detection limits, and concentrations appear to have been generally declining for the past 2 to 3 years. However, concentrations in MW-1 have increased from the second quarter 2008 (6.3  $\mu$ g/L in the second quarter 2008 to 22  $\mu$ g/L in the fourth quarter) above typical concentrations found in the past 3 years.

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

#### CONCLUSIONS AND RECOMMENDATIONS

The fourth quarter 2008 analytical data indicates that the observed petroleum hydrocarbon concentrations beneath the site during the third quarter 2008 have remained mostly stable into the fourth quarter 2008, despite some fluctuations that are similar to historical results. A decrease in the depth to water occurred across all wells (except MW-3 which rose 0.06 feet) at the site, for an average decrease of 0.11 ft depth to water.

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

#### THIS QUARTER'S ACTIVITIES (Fourth Quarter 2008).

- TRC performed the Fourth Quarter 2008 quarterly monitoring and sampling event and prepared a quarterly monitoring report.
- Delta prepared and submitted the Fourth Quarter 2008 Quarterly Summary Report.

#### NEXT QUARTER'S ACTIVITIES (First Quarter 2009)

- TRC to conduct the First Quarter 2009 groundwater monitoring and sampling event and prepare a quarterly monitoring report.
- Delta will prepare and submit the First Quarter 2009 Quarterly Summary Report.
- Delta will prepare and submit a site conceptual model to identify potential site data gaps.

**CONSULTANT:** Delta Consultants

<b>©</b> TRC	
	21 Technology Drive Irvine, CA 92618
	949.727.9336 PHONE 949.727.7399 Fax
	www.TRCsolutions.com
DATE:	January 16, 2009
TO:	ConocoPhillips Company 76 Broadway Sacramento, CA 95818
ATTN:	MR. TED MOISE
SITE:	76 STATION 3292 15008 EAST 14 <sup>™</sup> STREET SAN LEANDRO, CALIFORNIA
RE:	QUARTERLY MONITORING REPORT OCTOBER THROUGH DECEMBER 2008

Dear Mr. Moise,

Please find enclosed our Quarterly Monitoring Report for 76 Station 3292, located at 15008 East 14<sup>th</sup> 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. Debbie Bryan, Delta Consultants (4 copies)

Enclosures 20-0400/3292R21\_QMS

#### QUARTERLY MONITORING REPORT OCTOBER THROUGH DECEMBER 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. PG353

Senior Project Geologist, Irvine Operations

Date: 1/15/09



	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	<ul> <li>Figure 1: Vicinity Map</li> <li>Figure 2: Groundwater Elevation Contour Map</li> <li>Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map</li> <li>Figure 4: Dissolved-Phase Benzene Concentration Map</li> <li>Figure 5: Dissolved-Phase MTBE Concentration Map</li> </ul>										
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time										
Field Activities	General Field Procedures Field Monitoring Data Sheet – 12/17/08 Groundwater Sampling Field Notes – 12/17/08 Field Measurements – 12/17/08										
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records										
Statements	Purge Water Disposal Limitations										

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

Project Coordinator: <b>Ted Moise</b> Telephone: <b>510-245-5162</b>	Water Sampling Contractor: <b>TRC</b> Compiled by: <b>Christina Carrillo</b>
Date(s) of Gauging/Sampling Event: 12/17/08	
Sample Points	
Groundwater wells: <b>5</b> onsite, <b>8</b> offsite Purging method: <b>Bailer/diaphragm pump</b> Purge water disposal: <b>Veolia/Rodeo Unit 100</b> Other Sample Points: <b>0</b> Type:	Points gauged: <b>13</b> Points sampled: <b>10</b>
Liquid Phase Hydrocarbons (LPH) Sample Points with LPH: 0 Maximum thicknes LPH removal frequency: Treatment or disposal of water/LPH:	ss (feet): Method:
Hydrogeologic Parameters	
<ul> <li>Depth to groundwater (below TOC): Minimum</li> <li>Average groundwater elevation (relative to available</li> <li>Average change in groundwater elevation since printerpreted groundwater gradient and flow direction</li> <li>Current event: 0.003 ft/ft, south</li> <li>Previous event: 0.004 ft/ft, south (09/15)</li> </ul>	ble local datum): <b>24.25 feet</b> revious event: <b>-0.11 feet</b> on:
Selected Laboratory Results	
Sample Points with detected <b>Benzene: 0</b> Maximum reported benzene concentration:	Sample Points above MCL (1.0 µg/l):
Sample Points with <b>TPH-G by GC/MS 10</b> Sample Points with <b>MTBE 8260B 3</b>	Maximum: 24,000 µg/l (MW-5) Maximum: 22 µg/l (MW-11, MW-1)

#### Notes:

MW-3=Monitored only, MW-4=Monitored only, MW-6=Monitored 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.

### TABLES

#### TABLE KEY

<u>STANDARD</u>	AB	BREVIATIONS
	=	not analyzed, measured, or collected
LPH	-	liquid-phase hydrocarbons
Trace		less than 0 01 foot of LPH in well
μg/1	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)
<u>ANALYTES</u>		
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
IPH-G		= total petroleum hydrocarbons with gasoline distinction
IPH-G (GC/I	MS)	= total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
IPH-D		= total petroleum hydrocarbons with diesel distinction
IRPH		= total recoverable petroleum hydrocarbons
TAME		= tertiary amyl methyl ether
1,1-DCA		= 1,1-dichloroethane
1,2-DCA		= 1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE		= 1,1-dichloroethene
1, <b>2-DCE</b>		= 1,2-dichloroethene (cis- and trans-)

#### <u>NOIES</u>

- 1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
- 2 Groundwater elevations for wells with LPH are calculated as: <u>Surface Elevation Measured Depth to Water + (Dp x LPH Thickness</u>), 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
- 3 Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
- 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.
- 5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
- 6 Other laboratory flags (qualifiers) may have been reported See the official laboratory report (attached) for a 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.

#### Contents of Tables 1 and 2 Site: 76 Station 3292

#### 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	

## Table 1 CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS December 17, 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)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(μg/l)	(µg/l)	
MW-1			(Scree	n Interval	in feet: 7.0	-19.0)					<u>, , , , , , , , , , , , , , , , , , , </u>			
12/17/0	8 36.34	12.01	0.00	24.33	-0.10		3100	ND<1,0	ND<1.0	i.7	ND<2,0		22	
MW-2			(Scree	n Interval	in feet: 7.0	-19.5)								
12/17/0	8 36.30	11.80	0.00	24.50	-0.05	_ <u>_</u>	1100	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-2(SP)			(Scree	n Interval	in feet: 11.	0-21.0)								
12/17/0	8 35.44	11.85	0.00	23.59	-0.14		190	ND<0.50	ND<0.50	ND<0.50	ND<1.0		4.4	
MW-3			(Scree	n Interval	in feet: 7.0	-22.5)								
12/17/08	8 36.42	11.83	0.00	24.59	0.06									Monitored only
MW-3(SP)			(Scree	n Interval	in feet: 11.	0-21.0)								
12/17/08	8 35.82	11.89	0.00	23.93	-0.14		2000	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	
MW-4			(Scree	n Interval	in feet: 7.0	-19.5)								
12/17/08	8 37.04	12.50	0.00	24,54	-0.03									Monitored only
MW-5			(Scree	n Interval	in feet: 7.0	-22.5)								
12/17/08	8 35.92	11.55	0.00	24.37	-0.06		24000	ND<5.0	ND<5.0	730	ND<10		ND<5.0	
MW-6		•	(Scree	n Interval	in feet: 8.0	-20.0)								
12/17/08	35.68	11.10	0.00	24.58	-0.06									Monitored only
<b>MW-7</b>			(Scree	n Interval	in feet: 11.	0-21.5)								
12/17/08	3 36.06	11.25	0.00	24.81	-0.25		6900	ND<5.0	ND<5.0	330	15		ND<5.0	
MW-8			(Scree		in feet: 8.0-	-19.0)								
12/17/08	3 36.87	12.84	0.00	24.03	-0.19		230	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-9			-	n Interval	in feet: 8.0-	-19.0)								
12/17/08	36.27	12.22	0.00	24.05	-0.20		140	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-10					in feet: 8.0-	-20.0)								
12/17/08	3 36.02	12.00	0.00	24.02	-0.16		3900	ND<5.0	ND<5.0	ND<5.0	ND<10		ND<5.0	
3292								Page 1	of 2					() TRC

**©TRC** 

# Table 1CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTSDecember 17, 200876 Station 3292

Date	TOC	Depth to	LPH	Ground-	Change 1n									Comments
Sampled	Elevation	Water	Thickness	water	Elevation	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	
				Elevation		(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
м.	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)								
MW-11 (Screen Interval in feet: 7.0-19.0)														
12/17/0	8 35.50	11.53	0.00	23.97	-0.11		810	ND<0.50	ND<0.50	ND<0.50	ND<1.0		22	

### Table 1 aADDITIONAL CURRENT ANALYTICAL RESULTS76 Station 3292

Date Sampled	Ethanol (8260B) (µg/l)	Pre-purge Dissolved Oxygen (mg/l)
<b>MW-1</b> 12/17/08	ND<500	0.71
<b>MW-2</b> 12/17/08	ND<250	1.06
MW-2(SP) 12/17/08	ND<250	1.11
<b>MW-3</b> 12/17/08		1.09
<b>MW-3(SP)</b> 12/17/08	ND<500	0.89
<b>MW-4</b> 12/17/08		1.17
<b>MW-5</b> 12/17/08	ND<2500	0.90
<b>MW-6</b> 12/17/08		1.08
<b>MW-7</b> 12/17/08	ND<2500	0.79
<b>MW-8</b> 12/17/08	ND<250	0.70
<b>MW-9</b> 12/17/08	ND<250	1.22
<b>MW-10</b> 12/17/08	ND<2500	0.87
3292		

3292

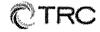
Page 1 of 2

المراجعة والمستجد والمراجع والمتحا والمتعار والمعاور والم

**CTRC** 

### Table 1 aADDITIONAL CURRENT ANALYTICAL RESULTS76 Station 3292

Date		Pre-purge				
Sampled	Ethanol	Dissolved				
	(8260B)	Oxygen				
	(µg/l)	(mg/l)	 			 
MW-11						
12/17/08	ND<250	1.36				



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-1			(Scre	en Interva	l in feet: 7.0	)-19.0)								······································
09/19/9	1					26000		130	16	1300	1800			
12/18/9	1					17000		160	20	1400	1600			
03/17/9	2					23000		320	19	1000	940			
05/19/9	2					29000		650	370	1100	1200			
08/20/9	2					18000		230	22	640	950			
09/16/9	2 36.72	13.67	0.00	23.05										
10/12/9	2 36.72	14.07	0.00	22.65	-0.40									
11/10/9	2 36.72	13.96	0.00	22.76	0.11	18000		220	ND	690	830			
12/10/9	2 36.72	13.15	0.00	23.57	0.81									
01/15/9	3 36.72	10.02	0.00	26.70	3.13									
02/20/9	3 36.72	9.01	0.00	27.71	i.01	19000		190	ND	880	620			
03/18/9	3 36.72	9.48	0.00	27.24	-0.47									
04/20/9	3 36.72	9.15	0.00	27.57	0.33									
05/21/9	3 36.72	9.80	0.00	26.92	-0.65	27000		150	200	1200	950			
06/22/9	3 36.72	10.33	0.00	26.39	-0.53									
07/23/9	3 36.72	10.79	0.00	25.93	-0.46									
08/23/9	3 36.72	11.27	0.00	25.45	-0.48	24000		160	110	840	810			
09/24/9	3 36.37	11.35	0.00	25.02	-0.43									
11/23/9	3 36.37	11.84	0.00	24.53	-0.49	18000		210	63	900	620			
02/24/9	4 36.37	9.45	0.00	26.92	2.39	18000		74	30	940	480			
05/25/9	4 36.37	10.45	0.00	25.92	-1.00	6400		72	ND	170	67			
08/23/9	4 36.37	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 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-1														
11/23/9	94 36.37	11.17	0.00	25.20	0.81	23000		180	44	970	270			
02/03/9	95 36.37	8.01	0.00	28.36	3.16	20000		77	17	950	390			
05/10/9	95 36.37	8.51	0.00	27.86	-0.50	16000		230	27	880	630			
08/02/9	95 36.37	10.00	0.00	26.37	-1.49	18000		190	ND	860	590			
11/02/9	95 36.37	11.11	0.00	25.26	-1.11									
11/20/9	95 36.37	11.19	0.00	25.18	-0.08	20000		180	ND	960	450	970		
02/08/9	96 36.37	7.74	0.00	28.63	3.45	15000		43	16	940	410	5200		
05/08/9	96 36.37	8.50	0.00	27.87	-0.76	16000		37	16	930	410	1600		
08/09/9	96 36.37	9.72	0.00	26.65	-1.22	2300		25	ND	77	39	1200		
11/07/9	96 36.37	10.74	0.00	25.63	-1.02	38000		140	ND	1900	5600	ND		
02/10/9	97 36.37	7.92	0.00	28.45	2.82	7300		91	ND	170	68	1700		
02/11/9	97 36.37													
05/07/9	97 36.37	9.24	0.00	27.13		11000		120	ND	470	110	1200		
08/05/9	97 36.37	10.20	0.00	26.17	-0.96	530		5.9	ND	5.6	ND	430		
11/04/9	97 36.37	10.71	0.00	25.66	-0.51	4100		50	7	64	14	97		
02/12/9	98 36.37	6.27	0.00	30.10	4.44	8500		160	ND	550	ND	1900		
05/15/9	98 36.34	7.62	0.00	28.72	-1.38	5600		57	ND	290	ND	1500		
08/12/9	98 36.34	8.85	0.00	27.49	-1.23	ND		ND	ND	ND	ND	5800		
11/12/9	98 36.34	9.71	0.00	26.63	-0.86	ND		16	ND	ND	ND	12000	13000	
03/01/9	99 36.34	7.85	0.00	28.49	1.86	5700		43	ND	320	ND	5000	9600	
05/12/9	9 36.34	8.70	0.00	27.64	-0.85	ND		36	ND	ND	ND	12000	21000	
08/11/9	99 36.34	9.81	0.00	26.53	-1.11	ND		ND	ND	ND	ND	5760	8650	
11/04/9	99 36.34	10.72	0.00	25.62	-0.91	1640		11	ND	ND	ND	3330	3630	

3292

Page 2 of 43



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-1	continued													
02/29/0		7.31	0.00	29.03	3.41	195		ND	ND	ND	ND	580	657	
05/08/0	0 36.34	8.27	0.00	28.07	-0.96	9010		60.5	ND	402	ND	2260	1780	
08/08/0	0 36.34	9.85	0.00	26.49	-1.58	2060		34.8	ND	38.7	ND	1710	1990	
11/06/0	36.34	10.05	0.00	26.29	-0.20	2300		19.3	ND	4.37	ND	592		
02/07/0	36.34	9.64	0.00	26.70	0.41	2700		25	ND	38	ND	1500	840	
05/09/0	36.34	9.81	0.00	26.53	-0.17	5550		42.7	ND	48.4	ND	605	431	
08/24/0	36.34	11.21	0.00	25.13	-1.40	15000		130	ND<20	170	ND<20	820		
11/16/0	36.34	11.49	0.00	24.85	-0.28	8900		65	ND<10	46	ND<10	640	490	
02/21/0	36.34	8.93	0.00	27.41	2.56	7400		73	ND<10	100	ND<10	400	170	
05/10/0	36.34	9.82	0.00	26.52	-0.89	6000		67	6.7	58	ND<5.0	ND<50		
08/26/0	36.34	11.03	0.00	25.31	-1.21		9200	ND<10	ND<10	62	ND<20		120	
11/07/0	36.34	11.53	0.00	24.81	-0.50		2200	ND<2.5	ND<2.5	4.6	ND<5.0		20	
02/14/0	3 36.34	9.03	0.00	27.31	2.50		4300	ND<2.5	ND<2.5	23	ND<5.0		35	
05/12/0	3 36.34	8.61	0.00	27.73	0.42		5000	ND<0.50	0.50	13	ND<1.0		32	
08/11/0	3 36.34	10.37	0.00	25.97	-1.76		2900	ND<0.50	ND<0.50	4.4	ND<1.0		17	
11/13/0	3 36.34	11.21	0.00	25.13	-0.84		8100	ND<5.0	ND<5.0	45	ND<10		82	
02/17/0	4 36.34	9.35	0.00	26.9 <del>9</del>	1.86		8200	ND<2.5	ND<2.5	84	ND<5.0		33	
05/20/0	4 36.34	10.15	0.00	26.19	-0.80		9200	ND<5.0	ND<5.0	78	ND<10		24	
08/25/0	4 36.34	11.37	0.00	24.97	-1.22		8500	ND<2.5	ND<2.5	64	ND<5.0		33	
11/02/0	4 36.34	10.93	0.00	25.41	0.44		9500	ND<5.0	ND<5.0	34	ND<10		61	
03/17/0	5 36.34	8.28	0.00	28.06	2.65		10000	ND<0.50	0.96	35	ND<1.0		21	
06/13/0	5 36.34	8.59	0.00	27.75	-0.31		8500	ND<5.0	ND<5.0	48	ND<10		10	
09/27/0	5 36.34	10.25	0.00	26.09	-1.66		ND<500	ND<5.0	ND<5.0	ND<5.0	ND<10		100	

Page 3 of 43

**©**TRC

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-1	continued							••••						 
12/20/0			0.00	26.73	0.64		6000	ND<0.50	0.62	20	ND<1.0		9.9	
03/10/0	6 36.34	7.58	0.00	28.76	2.03		4500	ND<2.5	ND<2.5	22	ND<5.0		10	
06/20/0	6 36.34	8.76	0.00	27.58	-1.18		4700	ND<2.5	ND<2.5	10	ND<5.0		3.2	
09/25/0	6 36.34	9.01	0.00	27.33	-0.25		5600	ND<1.0	ND<1.0	7.8	ND<1.0		3.0	
12/18/0	6 36.34	9.25	0.00	27.09	-0.24	-	8300	2.1	1.2	220	37		ND<0.50	
03/29/0	7 36.34	9.53	0.00	26.81	-0.28		5300	ND<0.50	ND<0.50	12	ND<0.50		5.8	
06/26/0	7 36.34	10.46	0.00	25.88	-0.93		5300	ND<0.50	ND<0.50	7.4	ND<0.50		4.9	
09/26/0	7 36.34	11.46	0.00	24.88	-1.00		2600	ND<2.5	ND<2.5	ND<2.5	ND<2.5		17	
12/18/0	7 36.34	11.24	0.00	25.10	0.22		6100	ND<2.5	ND<2.5	2.9	ND<5.0		42	
03/25/0	8 36.34	9.57	0.00	26.77	1.67		3100	ND<2.5	ND<2.5	4.0	ND<5.0		8.6	
06/18/0	8 36.34	10.78	0.00	25.56	-1.21		1400	ND<0.50	0.56	1.4	ND<1.0		6.3	
09/15/0	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	
12/17/0	8 36.34	12.01	0.00	24.33	-0.10		3100	ND<1.0	ND<1.0	1.7	ND<2.0		22	
MW-2			(Scree	en Interval	in feet: 7.0	-19.5)								
05/04/9	1					19000		6.6	1.4	460	630			
09/19/9	1					19000		100	6.8	790	310			
12/18/9	1					10000		110	5.1	420	96			
03/17/92	2					16000		110	ND	730	220			
05/19/92	2					17000		140	87	680	170			
08/20/92	2					13000		52	ND	660	70			
09/16/92	2 36.89	13.80	0.00	23.09			-							
10/12/92	2 36.89	14.19	0.00	22.70	-0.39				'					
11/10/92	2 36.89	14.06	0.00	22.83	0.13	11000		36	7.2	570	45			
2000								Dogo 4	- 6 4 2					

Page 4 of 43

CTRC



Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyi- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
			(leet)	(leet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-2</b> 12/10/			0.00	22.00	0.95									
01/15/			0.00	23.68	0.85									
02/20/			0.00	26.77	3.09									
02/20/			0.00	27.82	i.05	1500		2.9	3.8	9.1	ND			
				27.34	-0.48									
04/20/			0.00	27.70	0.36									
05/21/			0.00	27.05	-0.65	9500		37	ND	470	62			
06/22/		10.37	0.00	26.52	-0.53		<b></b> .							
07/23/		10.83	0.00	26.06	-0.46									
08/23/			0.00	25.59	-0.47	15000		110	ND	590	64			
09/24/		11.14	0.00	25.20	-0.39									
11/23/		11.69	0.00	24.65	-0.55	11000		80	10	480	20			
02/24/	94 36.34	9.27	0.00	27.07	2.42	11000		44	ND	580	32			
05/25/	94 36.34	10.30	0.00	26.04	-1.03	11000		50	ND	400	22			
08/23/	94 36.34	11.82	0.00	24.52	-1.52	12000		45	10	360	20	-		
11/23/	94 36.34	10.97	0.00	25.37	0.85	15000		61	24	440	ND			
02/03/	95 36.34	7.87	0.00	28.47	3.10	9700		5.7	ND	250	10			
05/10/	95 36.34	8.38	0.00	27.96	-0.51	7500		56	4.7	310	33			
08/02/	95 36.34	9.36	0.00	26.98	-0.98	8200		53	22	220	25			
11/02/	95 36.34	10.95	0.00	25.39	-1.59	5000		56	4.5	170	7.7	110		
02/08/	96 36.34	7.52	0.00	28.82	3.43	7200		ND	ND	170	ND	ND		
05/08/	96 36.34	8.21	0.00	28.13	-0.69	8400		5.6	9	170	10	130		
08/09/	96 36.34	9.54	0.00	26.80	-1.33	3100		24	ND	80	ND	64		
11/07/	96 36.34	10.69	0.00	25.65	-1.15	36000		140	ND	1900	5600	ND		

3292

Page 5 of 43



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														
02/10/9			0.00	28.59	2.94	4600		27	ND	53	ND	ND		
02/11/9														
05/07/9	36.34	9.14	0.00	27.20		5300		61	ND	78	20	180		
08/05/9	36.34	10.23	0.00	26.11	-1.09	3100		35	ND	13	ND	58		
11/04/9	97 36.34	10.65	0.00	25.69	-0.42	1200		16	ND	11	25	53		
02/12/9	98 36.34	6.20	0.00	30.14	4.45	630		12	ND	7.3	ND	48		
05/15/9	98 36.30	7.50	0.00	28.80	-1.34	3600		19	ND	33	ND	72		
08/12/9	98 36.30	8.82	0.00	27.48	-1.32	3100		44	6.1	15	5.7	270		
11/12/9	8 36.30	9.60	0.00	26.70	-0.78	3200		44	ND	15	ND	180		
03/01/9	9 36.30	7.81	0.00	28.49	1.79	3600		45	6.2	7.5	ND	570		
05/12/9	9 36.30	8.65	0.00	27.65	-0.84	3100		65	ND	15	17	450		
08/11/9	9 36.30	9.95	0.00	26.35	-1.30	3260		33.6	ND	ND	ND	154		
11/04/9	9 36.30	10.78	0.00	25.52	-0.83	3160		38.9	7.1	ND	ND	120		
02/29/0	0 36.30	7.44	0.00	28.86	3.34	3770		13.5	ND	12	ND	105		
05/08/0	0 36.30	8.42	0.00	27.88	-0.98	3840		ND	ND	9.54	ND	ND		
08/08/0	0 36.30	9.66	0.00	26.64	-1.24	3080		40.8	ND	ND	ND	149		
11/06/0	0 36.30	9.79	0.00	26.51	-0.13	2510		38.8	4.42	ND	ND	82.6		
02/07/0	1 36.30	9.43	0.00	26.87	0.36	9300		140	120	71	140	790		
05/09/0	1 36.30	9.65	0.00	26.65	-0.22	3300		37.9	ND	ND	ND	120		
08/24/0	1 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		
11/16/0	1 36.30	11.19	0.00	25,11	-0.13	2200		28	ND<5.0	ND<5.0	ND<5.0	76		
02/21/0	2 36.30	8.73	0.00	27.57	2.46	2700		33	ND<5.0	ND<5.0	ND<5.0	100		
05/10/0		9.71	0.00	26.59	-0.98	2300		30	ND<5.0	ND<5.0	ND<5.0	ND<50		
										112 -0.0	112 -0.0			

Page 6 of 43

**©**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	Ethy1- 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													
08/26/0	36.30	10.88	0.00	25.42	-1.17		4400	ND<5.0	ND<5.0	ND<5.0	ND<10		ND<20	
11/07/0	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	
02/14/(	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	
05/12/0	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	
08/11/0	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/(	36.30	11.06	0.00	25.24	-0.55		1100	i.2	0.68	0.78	2.6		ND<2.0	
02/17/0	)4 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	
05/20/0	)4 36.30	10.02	0.00	26.28	-0.85		2500	ND<0.50	0.96	i.1	ND<1.0		ND<0.50	
08/25/0	)4 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	
11/02/0	)4 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	
03/17/0	)5 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	
06/13/0	)5 36.30	8.47	0.00	27.83	-0.34		4100	ND<0.50	ND<0.50	i.4	ND<1.0		ND<0.50	
09/27/0	)5 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	
12/20/0	)5 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	
03/10/0	6 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	
06/20/0	)6 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	
09/25/0	6 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	
12/18/0	6 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
03/29/0	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	
06/26/0	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	
09/26/0	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	
12/18/0	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	
03/25/0	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	
								_						

3292

Page 7 of 43

**CTRC** 

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)	(02002) (μg/l)	
<b>MW-2</b>	continued		·											
06/18/0	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	
09/15/0	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	
12/17/0	36.30	11.80	0.00	24.50	-0.05		1100	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-2(SP)			(Scree	en Interval	in feet: 11.	.0-21.0)								
05/08/9	6 35.44	9.12	0.00	26.32		540		0.68	21	I.	İ.7	ND		
08/09/9	6 35.44	9.98	0.00	25.46	-0.86	170		ND	7.8	ND	ND	ND		
11/07/9	6 35.44	10.98	0.00	24.46	-1.00	430		8.9	1.5	ND	ND	10		
02/10/9	35.44	8.63	0.00	26.81	2.35	230		4.6	I	ND	ND	10		
02/11/9	35,44													
05/07/9	35.44	9.58	0.00	25.86		ND		ND	ND	ND	ND	14		
08/05/9	35.44	10.62	0.00	24.82	-1.04	360		5.5	50	ND	ND	ND		
11/04/9	7 35.44	11.06	0.00	24.38	-0.44	280		2.9	13	ND	0.54	ND		
02/12/9	8 35.44	7.71	0.00	27.73	3.35	440		10	1.6	ND	0.69	13		
05/15/9	8 35.44	8.50	0.00	26.94	-0.79	540		10	1.1	ND	1.1	15		
08/12/9	8 35.44	9.43	0.00	26.01	-0.93	ND		ND	ND	ND	ND	ND		
11/12/9	8 35.44	9.98	0.00	25.46	-0.55	300		6.i	ND	ND	4	ND		
03/01/9	9 35.44	8.70	0.00	26.74	1.28	57		ND	ND	ND	ND	4.5		
05/12/9	9 35.44	9.45	0.00	25.99	-0.75	ND		ND	ND	ND	ND	5		
08/11/9	9 35.44	10.08	0.00	25.36	-0.63	337		ND	ND	ND	ND	12.4		
11/04/9	9 35.44	10.91	0.00	24.53	-0.83	317		8.31	ND	ND	ND	7.81		
02/29/0	0 35.44	8.04	0.00	27.40	2.87									Sampled semi-annually
05/08/0	0 35.44	9.10	0.00	26.34	-1.06	131		ND	ND	ND	ND	ND	4.83	
08/08/0	0 35.44	9.91	0.00	25.53	-0.81									

3292

Page 8 of 43



S	Date ampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	Comments
							(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021 <b>B</b> )	(8260B)	
		(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
	MW-2(\$	-													
	11/06/0				25.24	-0.29	183		ND	ND	ND	ND	ND		
	02/07/0			0.00	25.74	0.50									
	05/09/0		9.98	0.00	25,46	-0.28	ND		ND	ND	ND	ND	ND		
	08/24/0	1 35.44	11.15	0.00	24.29	-1.17									Sampled semi-annually
	11/16/0	1 35.44	11.31	0.00	24.13	-0.16	250		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0		
	02/21/0	2 35.44	9.55	0.00	25.89	1.76									
	05/10/0	2 35.44	10.01	0.00	25.43	-0.46	180		ND<0.50	ND<0.50	ND<0.50	0.71	10		
	08/26/0	2 35.44	11.03	0.00	24.41	-1.02									Sampled semi-annually
	11/07/0	2 35.44	11.12	0.00	24.32	-0.09		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		5.4	
	02/14/0	3 35.44	9.60	0.00	25.84	1.52									Sampled semi-annually
	05/12/0	3 35.44	9.21	0.00	26.23	0.39		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		8.4	
	08/11/0	3 35.44	10.87	0.00	24.57	-1.66									Monitored Only
	11/13/0	3 35,44													Covered with asphalt
	02/17/0	4 35.44	9.79	0.00	25.65										Monitored Only
	05/20/0	4 35.44	10.29	0.00	25.15	-0.50		260	ND<0.50	ND<0.50	ND<0.50	ND<1.0		11	
	08/25/0	4 35.44	11.25	0.00	24.19	-0.96									Monitored Only
	11/02/04	4 35.44	10.87	0.00	24.57	0.38		150	ND<0.50	ND<0.50	ND<0.50	ND<1.0		6.i	Monitorea only
	03/17/0	5 35.44	8.91	0.00	26.53	1.96									Sampled Semi-Annually
	06/13/0:	5 35.44	9.10	0.00	26.34	-0.19		260	ND<0.50	ND<0.50	0.64	ND<1.0		10	Sampled Seni-Annually
	09/27/0:	5 35.44	10.34	0.00	25.10	-1,24						ND <1.0			Somplot somi oppuslike
	12/20/0:		10.48	0.00	24.96	-0.14		260	ND<0.50	ND<0.50	 ND<0.50	 ND<1.0		3.6	Sampled semi-annually
	03/10/00		8.50	0.00	26.94	1.98					1010 × 0100	1.0~1.0			Semanlard O2 and O4
	06/20/00		9.26	0.00	26.18	-0,76		ND<50	 ND<0.50	 ND-0.50	 ND<0.50				Sampled Q2 and Q4 only
329					20,10	0.70			Page 9		0.50	ND<1.0		4.9	
14									РИОС Ч	111 (4.3					

**©TRC** 

Page 9 of 43

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	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(μg/l)	(μg/l)	(μg/l)	(µg/l)	(μg/l)	(ug/l)	(8200B) (μg/l)	
MW-2(	SP) cont	tinued												
09/25/0	06 35.4	4 10.11	0.00	25.33	-0.85									Sampled Q2 and Q4 only
12/18/0	35.4	4 9.64	0.00	25.80	0.47		120	ND<0.50	ND<0.50	ND<0.50	ND<0.50		1.6	
03/29/0	07 35.4	4 9.77	0.00	25.67	-0.13									Sampled Q2 and Q4 only
06/26/0	07 35.4	4 10.48	0.00	24.96	-0.71		200	ND<0.50	ND<0.50	ND<0.50	ND<0.50		4.0	
09/26/0		4 11.32	0.00	24.12	-0.84									Sampled Q2 and Q4 only
12/18/0		4 11.15	0.00	24.29	0.17		ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
03/25/(		4 9.02	0.00	26.42	2.13									Sampled Q2 and Q4 only
06/18/0		4 10.75	0.00	24.69	-1.73		170	ND<0.50	ND<0.50	ND<0.50	ND<1.0		4.3	
09/15/0	)8 35.4	4 11.71	0.00	23.73	-0.96									Sampled Q2 and Q4 only
12/17/(	)8 35.4	4 11.85	0.00	23.59	-0.14		190	ND<0.50	ND<0.50	ND<0.50	ND<1.0		4.4	
<b>MW-3</b>			(Scree	en Interval	in feet: 7.0	-22.5)								
05/04/9	)1					9100		2	ND	55	180			
09/19/9	91					7600		ND	13	190	170			
12/18/9						5900		54	6.4	110	64			
03/17/9	92					5800		66	7.5	100	58			
05/19/9	22					3400		25	3.6	66	41			
08/20/9						4500		58	ND	65	35			
09/16/9	36.8	4 13.74	0.00	23.10										
10/12/9		4 14.13	0.00	22.71	-0.39									
11/10/9	2 36.8	4 14.03	0.00	22.81	0.10	3400		37	ND	85	34			
12/10/9	36.8	4 13.15	0.00	23.69	0.88									
01/15/9		4 10.07	0.00	26.77	3.08									
02/20/9	3 36.8	4 9.02	0.00	27.82	1.05	1600	·	12	18	8.9	12			
3292								Page 10	) of 43					

**€**TRC

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-3														
03/18/9		9.50	0.00	27.34	-0.48									
04/20/9		9.02	0.00	27.82	0.48									
05/21/9	3 36.84	9.70	0.00	27.14	-0.68	2600		42	ND	43	15			
06/22/9	3 36.84	10.28	0.00	26.56	-0.58									
07/23/9	3 36.84	10.74	0.00	26.10	-0.46				-					
08/23/9	3 36.84	11.24	0.00	25.60	-0.50	2900		25	ND	50	18			
09/24/9	3 36.42	11.20	0.00	25.22	-0.38									
11/23/9	3 36.42	11.78	0.00	24.64	-0.58	2300		34	ND	24	5.6			
02/24/9	36.42	9.21	0.00	27.21	2.57	3400		46	ND	53	11			
05/25/9	4 36.42	10.34	0.00	26.08	-1.13	1400		20	ND	ND	ND			
08/23/9	4 36.42	11.88	0.00	24.54	-1.54	2900		37	49	14	2.9			
11/23/9	4 36.42	10.98	0.00	25.44	0.90	3200		48	ND	22	ND			
02/03/9	5 36.42	7.82	0.00	28.60	3.16	780		13	ND	2.1	ND			
05/10/9	5 36.42	8.38	0.00	28.04	-0.56	1300		ND	ND	ND	ND			
08/02/9	5 36.42	9.49	0.00	26.93	-1.11	1500		6.3	ND	16	2.1			
11/02/9	5 36.42	11.00	0.00	25,42	-1.51	1100		5.2	2.1	7.4	0.5	15		
02/08/9	6 36.42	7.41	0.00	29.01	3.59	450		ND	ND	ND	ND	ND		
05/08/9	6 36.42	8.20	0.00	28.22	-0.79	590		ND	11	10	ND	ND		
08/09/9	6 36.42	9.53	0.00	26.89	-1.33	ND		ND	ND	ND	ND	ND		
11/07/9	6 36.42	10.96	0.00	25.46	-1.43	140		1.2	ND	ND	ND	5.6		
02/10/9	7 36.42	7.71	0.00	28.71	3.25	89		1.8	ND	ND	ND	ND		
02/11/9	7 36.42													
05/07/9	7 36.42	9.17	0.00	27.25		52		ND	ND	ND	5.1	5.1		
								~						

3292

Page 11 of 43

**©**TRC

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	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
		(1001)	(Icct)	(100)	(100)	(µg/1)	(µg/1)	(µg/1)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3</b> 08/05/9	continued 7 36.42	10.27	0.00	26.15	-1.10	ND		ND	ND	ND	ND	ND		
11/04/9		10.83	0.00	25.59	-0.56	93		i.8	ND	ND	ND	6.2		
02/12/9		6.00	0.00	30.42	4.83	.56		0.59	ND	ND	ND	0.2 2.7		
05/15/9		7.42	0.00	29.00	-1.42	130		0.68	ND	ND	0.63	10		
08/12/9		8.84	0.00	27.58	-1,42	50		ND	ND	ND	0.05 ND	ND		
11/12/9		9.57	0.00	26.85	-0.73	60		ND	ND	ND	ND	3.8		
03/01/9		8,74	0.00	27.68	0.83	66		ND	ND	ND	ND	3.2		
05/12/9		8.92	0.00	27.50	-0.18	ND		ND	ND	ND	ND	3.2 ND		
08/11/9		10.18	0.00	26.24	-1.26	ND		ND	ND	ND	ND	ND		
11/04/9		11.06	0.00	25.36	-0.88	ND		ND	ND	ND			~~	
02/29/0					-0.88						ND	ND		
08/08/0		10.03	0.00	26.39										Not Monitored/Sampled
11/06/0		10.05	0.00	26.32	-0.07									
02/07/0		9.81	0.00	26.61	0.29									
05/09/0		9.51	0.00	26.84	0.23									
08/24/0		11.12	0.00	25.30	-1.54									
11/16/0		10.84	0.00	25.58	0.28									
02/21/0		8.68	0.00	25.58	2.16									
05/10/0		8.08 9.71	0.00	26.71	-1.03									
08/26/0		10.85	0.00	25.57										
11/07/0		10.85	0.00	25.57 25.53	-1.14									
02/14/0		8.72	0.00		-0.04									
05/12/0			0.00	27.70	2.17									
03/12/0	5 50.42	8.25	0.00	28.17	0.47									

Page 12 of 43



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	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)	(0021B) (μg/l)	(0200 <b>Β</b> ) (μg/l)	
<b>MW-3</b>	continued		0.00											
08/11/0				25.78	-2.39									
11/13/0														Covered with asphalt
02/17/0			0.00	27.25										Monitored Only
05/20/0			0.00	26.39	-0.86									Monitored Only
08/25/0				25.16	-1.23									Monitored Only
11/02/0				25.64	0.48									Monitored Only
03/17/0		8.13	0.00	28.29	2.65									Monitored Only
06/13/0	36.42	8.41	0.00	28.01	-0.28									Monitored only
. 09/27/0	36.42	10.13	0.00	26.29	-1.72									Monitored Only
12/20/0	36.42	10.20	0.00	26.22	-0.07									Monitored Only
03/10/0	6 36.42	7.39	0.00	29.03	2.81									Monitored Only
06/20/0	6 36.42	8.17	0.00	28.25	-0.78									Monitored Only
09/25/0	6 36.42	9.53	0.00	26.89	-1.36									Monitored Only
12/18/0	6 36.42	9.01	0.00	27.41	0.52									Monitored Only
03/29/0	36.42	9.19	0.00	27.23	-0.18									Monitored Only
06/26/0	36.42	10.09	0.00	26.33	-0.90									Monitored Only
09/26/0	7 36.42	11.10	0.00	25.32	-1.01									Monitored Only
12/18/0	36.42	11.12	0.00	25.30	-0.02									Monitored only
03/25/0	8 36.42	9.62	0.00	26.80	1.50									Monitored Only
06/18/0	8 36.42	10.27	0.00	26.15	-0.65									Monitored Only
09/15/0	8 36.42	11.89	0.00	24.53	-1.62									Monitored only
12/17/0	8 36.42	11.83	0.00	24.59	0.06									Monitored only
MW-3(SP)			(Scree	en Interval	in feet: 11.	0-21.0)								

Page 13 of 43



3292

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

Date Sampled	TOC Elevatio	Depth to n Water	LPH Thickness	Ground- water	Change in	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	Comments
•					Elevation	(8015M)	(GC/MS)	Benzene	Toluene	benzene	Xylenes	(8021B)	(8260B)	
·	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)							
MW-3(8		tinued												
05/08/9		81 8.73	0.00	27.08		4700		7.9	36	13	4	42		
08/09/9		81 9.73	0.00	26.08	-1.00	2000		ND	14	7.6	ND	ND		
11/07/9		81 10.88	0.00	24.93	-1.15	1800		29	ND	ND	ND	40		
02/10/9	7 35.	81 8.16	0.00	27.65	2.72	3500		70	14	ND	ND	150		
05/07/9	7 35.	81 9.35	0.00	26.46	-1.19	3100		48	ND	ND	ND	110		
08/05/9	7 35.	81 10.44	0.00	25.37	-1.09	3200		43	5.7	ND	ND	61		
11/04/9	7 35.1	81 10.90	0.00	24.91	-0.46	2600		34	ND	ND	ND	53		
02/12/9	8 35.8	81 6.77	0.00	29.04	4.13	3200		62	ND	ND	ND	100		
05/15/9	8 35.8	82 8.02	0.00	27.80	-1.24	ND		ND	ND	ND	ND	2.5		
08/12/9	8 35.8	9.11	0.00	26.71	-1.09	110		ND	4.1	ND	ND	ND		
11/12/9	8 35.8	82 9.81	0.00	26.01	-0.70	1800		37	2.8	ND	ND	55		
03/01/9	9 35.8	82 8.27	0.00	27.55	i.54	2900	~~	12	3.6	ND	ND	110		
05/12/9	9 35.8	82 8.92	0.00	26.90	-0.65	4100		34	ND	ND	ND	45		
08/11/9	9 35.8	32 9.59	0.00	26.23	-0.67	3220		22.8	ND	ND	ND	50.8		
11/04/9	9 35.8	32 10.86	0.00	24.96	-1.27	2460		26.6	ND	ND	ND	52.1		
02/29/0	0 35.8	32 7.92	0.00	27.90	2.94	·								Sampled semi-annuall
05/08/0	0 35.8	32 9.07	0.00	26.75	-1.15	1080		ND	ND	ND	ND	ND	ND	1
08/08/0	0 35.8	9.86	0.00	25.96	-0.79									
11/06/0	0 35.8	32 10.12	0.00	25.70	-0.26	3100		35	ND	ND	ND	95.7		
02/07/0	1 35.8	9,65	0.00	26.17	0.47									
05/09/0	1 35.8	9,79	0.00	26.03	-0.14	3350		34	ND	ND	ND	ND		
08/24/0	1 35.8	32 11.09	0.00	24.73	-1.30									Sampled semi-annuall
11/16/0	1 35.8	11.29	0.00	24.53	-0.20	3300		47	ND<10	ND<10	ND<10	ND<100		
292								Page 14				1120 100		

Page 14 of 43



3292

.

### Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through December 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-3(S	P) conti	nued												
02/21/0	2 35.82	9.19	0.00	26.63	2.10									
05/10/0	2 35.82	9.84	0.00	25.98	-0.65	4700		55	ND<5.0	ND<5.0	ND<5.0	140		
08/26/0	2 35.82	. 10.95	0.00	24.87	-i.11									Sampled semi-annually
11/07/0	2 35.82	11.33	0.00	24.49	-0.38		2600	ND<5.0	ND<5.0	ND<5.0	ND<10		ND<20	
02/14/0	3 35.82	9.92	0.00	25.90	1.41									Sampled semi-annually
05/12/0	3 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	
08/11/0	3 35.82	11.26	0.00	24.56	-1.52									Monitored Only
11/13/0	3 35,82	2												Covered with asphalt
02/17/0	4 35.82	9.54	0.00	26.28										Monitored Only
05/20/0	4 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	-
08/25/04	4 35.82	11.22	0.00	24.60	-1.11									Monitored Only
11/02/04	4 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	
03/17/0	5 35.82	8.55	0.00	27.27	2.30									Sampled Semi-Annually
06/13/0:	5 35.82	8.75	0.00	27.07	-0.20		4100	ND<0.50	ND<0.50	İ.İ	ND<1.0		ND<0.50	······································
09/27/0	5 35.82	10.20	0.00	25.62	-1.45									Sampled semi-annually
12/20/0:	5 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	· · · · · · · · · · · · · · · · · · ·
03/10/0	6 35.82	7.80	0.00	28.02	2.55									Sampled Q2 and Q4 only
06/20/00	6 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	
09/25/00	5 35.82	9.93	0.00	25.89	-1.05									Sampled Q2 and Q4 only
12/18/06	6 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	
03/29/0	7 35.82	9.55	0.00	26.27	-0.15									Sampled Q2 and Q4 only
06/26/01	7 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	Sampron Xa and X + Only
09/26/01	7 35.82	11.33	0.00	24.49	-0.96									Sampled Q2 and Q4 only
202								Daga 14	- 6 42					Sampier Q2 and Q4 only

**CTRC** 

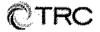
Page 15 of 43

3292

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

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change 1n Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethy1- 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)	(3021B) (μg/l)	(8200B) (μg/l)	
MW-3(S	SP) cont	inued					*****							
12/18/0	07 35.82	2 11.11	0.00	24.71	0.22		2200	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
03/25/0	8 35.82	9.61	0.00	26.21	1.50									Sampled Q2 and Q4 only
06/18/0	8 35.82	2 10.70	0.00	25.12	-1.09		1600	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
09/15/0	8 35.82	2 11.75	0.00	24.07	-1.05									Sampled Q2 and Q4 only
12/17/0	08 35.82	2 11.89	0.00	23.93	-0.14		2000	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	
MW-4			(Scree	en Interval	l in feet: 7.0	-19.5)								
05/04/9	91					6300		ND	ND	2.8	61			
09/19/9						1800		0.83	ND	54	46			
12/18/9						2500		28	2.5	54	22			
03/17/9	22					1800		3.7	1.4	90	21			
05/19/9	2					2000		20	3.5	42	8.3			
08/20/9	2					1000		15	ND	11	3			
09/16/9	2 37.40	14.31	0.00	23.09										
10/12/9	2 37.40	14.72	0.00	22.68	-0.41		·							
11/10/9	2 37.40	14.57	0.00	22.83	0.15	690		9.1	ND	16	2.8			
12/10/9	2 37.40	13.67	0.00	23.73	0.90									
01/15/9	3 37.40	10.62	0.00	26.78	3.05									
02/20/9	3 37.40	9.59	0.00	27.81	1.03	2400		40	2.1	33	ND			
03/18/9	3 37.40	9.97	0.00	27.43	-0.38									
04/20/9	3 37.40	9.67	0.00	27.73	0.30									
05/21/9	3 37.40	10.32	0.00	27.08	-0.65	1900		31	ND	20	4.5			
06/22/9		10.91	0.00	26.49	-0.59									
07/23/9	3 37.40	11.38	0.00	26.02	-0.47									

Page 16 of 43



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)	Totai Xyienes (µg/l)	MTBE (8021B) (μg/l)	MTBE (8260B) (µg/l)	Comments
MW-4	continued													
08/23/9		11.86	0.00	25.54	-0.48	1200		5	ND	16	ND			
09/24/9	3 37.04	11.85	0.00	25.19	-0.35									
11/23/9	3 37.04	12.44	0.00	24.60	-0.59	720		10	ND	8.7	ND			
02/24/9	94 37.04	9.89	0.00	27.15	2.55	1300		8.9	ND	20	ND			
05/25/9	94 37.04	11.02	0.00	26.02	-1.13	1700		22	ND	4.5	ND			
08/23/9	4 37.04	12.57	0.00	24.47	-1.55	690		9.2	1.3	7.1	1.9			
11/23/9	94 37.04	11.65	0.00	25.39	0.92	420		5	1.1	4.2	1.2			
02/03/9	5 37.04	8.52	0.00	28.52	3.13	620		6.4	ND	9.3	ND			
05/10/9	5 37.04	9.97	0.00	27.07	-1.45	280		2.8	ND	2.7	2.4			
08/02/9	95 37.04	10.18	0.00	26.86	-0.21	290		3.6	ND	2.8	ND			
11/02/9	5 37.04	11.67	0.00	25.37	-1.49	42000		390	210	2800	6300	270		
02/08/9	6 37.04	8.15	0.00	28.89	3.52	130		2.1	ND	1.5	0.69	ND		
05/08/9	6 37.04													Inaccessible
08/09/9	6 37.04	10.24	0.00	26.80		ND		ND	ND	ND	ND	ND		
11/07/9	6 37.04	11.58	0.00	25.46	-1.34	ND		ND	ND	ND	ND	ND		
02/10/9	7 37.04	8.45	0.00	28.59	3.13	ND		ND	ND	ND	ND	ND		
05/07/9	7 37.04	9.85	0.00	27.19	-1.40	ND		ND	ND	ND	ND	ND		
08/05/9	7 37.04	11.04	0.00	26.00	-1.19	50		0.76	ND	ND	ND	ND		
11/04/9	7 37.04	11.46	0.00	25.58	-0.42	ND		ND	ND	ND	ND	ND		
02/12/9	8 37.04	5.75	0.00	31.29	5.71	ND		ND	ND	ND	ND	ND		
05/15/9	8 37.04	7.28	0.00	29.76	-1.53	ND		ND	ND	ND	ND	ND		
08/12/9	8 37.04	9.85	0.00	27.19	-2.57	ND		ND	ND	ND	ND	ND		
11/12/9	8 37.04	10.28	0.00	26.76	-0.43	ND		ND	ND	ND	ND	ND		

3292

Page 17 of 43

**€**TRC

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
. <u></u>	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-4</b> 03/01/9		8.51	0.00	28.53	i.77	ND		ND	ND	ND	ND	ND		
05/12/9		9.32	0.00	20.55	-0.81	ND		ND	ND	ND	ND	ND		
08/11/9		10.65	0.00	26.39	-1.33	ND		ND	ND	ND	ND	ND		
11/04/9		11.48		25.56	-0.83	ND		ND	ND	ND	ND	ND		
02/29/0														Not Monitored/Sampled
08/08/0		10.67	0.00	26.37										Not Montored Sampled
11/06/0		10.56		26.48	0.11									
02/07/0		10.40	0.00	26.64	0.16									
05/09/0		9.16	0.00	27.88	1.24									
08/24/0		11.80	0.00	25.24	-2.64									
11/16/0		10.46		26.58	1.34									
02/21/0		9.37	0.00	27.67	1.09									
05/10/0		10.41	0.00	26.63	-1.04									
08/26/0		11.55	0.00	25.49	-1.14									
11/07/0		10.44	0.00	26.60	1.11									
02/14/0		9.28	0.00	27.76	i.16									
05/12/0	3 37.04	8.69	0.00	28.35	0.59									
08/11/0	3 37.04	10.83	0.00	26.21	-2.14									
11/13/0	3 37.04													Covered with asphalt
02/17/0	4 37.04	9,84	0.00	27.20								~=		Monitored Only
05/20/0	4 37.04	10.68	0.00	26.36	-0.84									Monitored Only
08/25/0	4 37.04	11.59	0.00	25.45	-0.91									Monitored Only
11/02/0	4 37.04	11.49	0.00	25.55	0.10									Monitored Only
3292								Page 18	of 43					ÂTOC

**©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-4	continued													······································
03/17/0		9.01	0.00	28.03	2.48									Monitored only
06/13/0		9.17	0.00	27.87	-0.16									Monitored only
09/27/0		10.50	0.00	26.54	-1.33									Monitored Only
12/20/0	)5 37.04	10.66	0.00	26.38	-0.16									Monitored Only
03/10/0	6 37.04	8.42	0.00	28.62	2.24									Monitored Only
06/20/0	6 37.04	9.09	0.00	27.95	-0.67									Monitored Only
09/25/0	6 37.04	10.03	0.00	27.01	-0.94									Monitored Only
12/18/0	6 37.04	9.70	0.00	27.34	0.33									Monitored Only
03/29/0	37.04	9.93	0.00	27.11	-0.23									Monitored Only
06/26/0	7 37.04	10.72	0.00	26.32	-0.79									Monitored Only
09/26/0	7 37.04	11.95	0.00	25.09	-1.23									Monitored Only
12/18/0	7 37.04	11.79	0.00	25.25	0.16									Monitored only
03/25/0	8 37.04	10.53	0.00	26.51	1.26									Monitored Only
06/18/0	8 37.04	11.40	0.00	25.64	-0.87									Monitored Only
09/15/0	8 37.04	12.47	0.00	24.57	-1.07						-			Monitored only
12/17/0	8 37.04	12.50	0.00	24.54	-0.03									Monitored only
MW-5			(Scree	en Interval	in feet: 7.0	-22.5)								
05/04/9						69000		1400	2500	3500	15000			
09/19/9						57000		1600	2700	5200	20000			
12/18/9	1					31000		1600	3100	4800	19000			
03/17/9	2					81000		850	1600	4800	18000			
05/19/9	2					84000		760	1500	4000	17000			
08/20/9	2					58000		660	1700	4200	19000			
3292								Page 19	of 43					ATPO

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-5	continued													
09/16/9	92 36.40	13.37	0.00	23.03										
10/12/9	92 36.40	13.75	0.00	22.65	-0.38									
11/10/9	92 36.40	13.68	0.00	22.72	0.07	57000		800	1800	4400	18000			
12/10/9	92 36.40	12.58	0.00	23.82	1.10									
01/15/9	3 36.40	9.71	0.00	26.69	2.87									
02/20/9	3 36.40	8.69	0.00	27.71	1.02	17000		75	ND	1000	620			
03/18/9	36.40	9.16	0.00	27.24	-0.47									
04/20/9	3 36.40	8.88	0.00	27.52	0.28									
05/21/9	3 36.40	9.56	0.00	26.84	-0.68	55000		ND	160	3500	12000			
06/22/9	3 36.40	10.05	0.00	26.35	-0.49									
07/23/9	3 36.40	10.53	0.00	25.87	-0.48									
08/23/9	3 36.40	10.98	0.00	25.42	-0.45	61000		340	380	3600	14000			
09/24/9	3 35.94	10.94	0.00	25.00	-0.42									
11/23/9	3 35.94	11.45	0.00	24.49	-0.51	46000		290	310	4100	15000	·		
02/24/9	35.94	9.02	0.00	26.92	2.43	57000		140	400	4400	16000			
05/25/9	35.94	10.03	0.00	25.91	-1.01	53000		ND	ND	4000	14000			
08/23/9	4 35.94	11.57	0.00	24.37	-1.54	61000		360	380	4800	17000			
11/23/9	35.94	10.71	0.00	25.23	0.86	46000		230	260	3900	14000			
02/03/9	5 35.94	7.69	0.00	28.25	3.02	56000		140	330	3500	13000			
05/10/9	5 35.94	8.20	0.00	27.74	-0.51	27000		160	170	2200	5200			
08/02/9	5 35.94	9.23	0.00	26.71	-1.03	65000		260	300	3500	12000			
11/02/9	5 35.94	10.70	0.00	25.24	-1.47	240		0.76	ND	1.1	ND	ND		
02/08/9	6 35.94	7.36	0.00	28.58	3.34	54000		210	150	3400	12000	170		

3292

Page 20 of 43

**©**TRC

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)	
	continued													
05/08/9		8.25	0.00	27.69	-0.89	52000		170	200	3600	11000	170		
08/09/9		9.37	0.00	26.57	-1.12	25000		54	16	1700	4700	ND		
11/07/9		10.65	0.00	25.29	-1.28	2100		42	ND	9.3	ND	2300		
02/10/9	35.94	7.63	0.00	28.31	3.02	15000		46	29	1400	4100	ND		
05/07/9	35.94	8.98	0.00	26.96	-1.35	38000		120	ND	2000	5100	380		
08/05/9	35.94	11.08	0.00	24.86	-2.10	310		I	ND	17	40	ND		
11/04/9	35.94	10.72	0.00	25.22	0.36	20000		ND	ND	1500	2800	280		
02/12/9	8 35.94	6.08	0.00	29.86	4.64	33000		120	ND	1700	3800	ND		
05/15/9	8 35.92	7.40	0.00	28.52	-1.34	30000		ND	ND	2200	4900	ND		
08/12/9	8 35.92	8.69	0.00	27.23	-1.29	24000		100	ND	ND	3400	1000		
11/12/9	8 35.92	9.48	0.00	26.44	-0.79	13000		65	ND	1100	1400	780		
03/01/9	9 35.92	7.54	0.00	28.38	i.94	29000		75	ND	2000	4100	690		
05/12/9	9 35.92	8.48	0.00	27.44	-0.94	19000		110	ND	990	1900	330		
08/11/9	9 35.92	9.74	0.00	26.18	-1.26	24300		ND	ND	1540	1740	ND		
11/04/9	9 35.92	10.56	0.00	25.36	-0.82	19500		37.1	ND	1300	1030	ND		
02/29/0	0 35.92	7.19	0.00	28.73	3.37									Sampled semi-annually
05/08/0	0 35.92	8.23	0.00	27.69	-1.04	25700		37.6	ND	2020	3500	ND		
08/08/0	0 35.92	9.51	0.00	26.41	-1.28									
11/06/0	0 35.92	10.04	0.00	25.88	-0.53	14100		37.1	ND	1250	497	ND		
02/07/0	1 35.92	9.23	0.00	26.69	0.81									
05/09/0	1 35.92	9.44	0.00	26.48	-0.21	15600		ND	ND	1290	476	ND		
08/24/0	1 35.92	10.75	0.00	25.17	-1.31									Sampled semi-annually
11/16/0	1 35.92	10.93	0.00	24.99	-0.18	15000		40	ND<25	1100	54	ND<250		· · · · · · · · · · · · · · · · · · ·
3292								Page 21	of 43					() TDC

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-5	continued													
02/21/(	)2 35.92	8.52	0.00	27.40	2.41									
05/10/(	)2 35.92	9.47	0.00	26.45	-0.95	23000		86	ND<25	1500	450	ND<250		
08/26/0	)2 35.92	10.60	0.00	25.32	-1.13									Sampled semi-annually
11/07/0	)2 35.92	10.83	0.00	25.09	-0.23		8000	ND<2.5	ND<2.5	650	ND<5.0		ND<10	
02/14/0	3 35.92	8.70	0.00	27.22	2.13									Sampled semi-annually
05/12/0	3 35.92	8.62	0.00	27.30	0.08		10000	ND<25	ND<25	1200	ND<50		ND<100	
08/11/0	3 35.92	10.52	0.00	25.40	-1.90									Monitored Only
11/13/0	35.92	10.82	0.00	25.10	-0.30		31000	ND<20	ND<20	2100	71		ND<80	
02/17/0	35.92	8.96	0.00	26.96	1.86									Monitored Only
05/20/0	35.92	9.80	0.00	26.12	-0.84		23000	ND<20	ND<20	1600	62		ND<20	
08/25/0	35.92	10.95	0.00	24.97	-1.15									Monitored Only
11/02/0	35.92	10.48	0.00	25.44	0.47		21000	ND<20	ND<20	1300	ND<40		ND<20	
03/17/0	5 35.92	7.99	0.00	27.93	2.49									Sampled Semi-Annually
06/13/0	5 35.92	8.31	0.00	27.61	-0.32		27000	ND<10	ND<10	1800	100		11	-
09/27/0	5 35.92	9.90	0.00	26.02	-1.59				~~					Sampled semi-annually
12/20/0	5 35.92	9.16	0.00	26.76	0.74		27000	ND<25	ND<25	1700	ND<50		27	- ·
03/10/0	6 35.92	7.29	0.00	28.63	i.87									Sampled Q2 and Q4 only
06/20/0	6 35.92	8.45	0.00	27.47	-1.16		37000	ND<12	ND<12	1300	25		19	
09/25/0	6 35.92	9.37	0.00	26.55	-0.92									Sampled Q2 and Q4 only
12/18/0	6 35.92	8.90	0.00	27.02	0.47		6400	2.0	ND<0.50	250	ND<0.50		44	
03/29/0	7 35.92	9.14	0.00	26.78	-0.24									Sampled Q2 and Q4 only
06/26/0	7 35.92	10.10	0.00	25.82	-0.96		20000	0.87	ND<0.50	770	12		12	
09/26/0	7 35.92	11.06	0.00	24.86	-0.96									Sampled Q2 and Q4 only
3292								Page 22	of 43					

**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	MTBE	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(μg/l)	(UC/MD) (μg/l)	(µg/l)	(µg/l)	(μg/l)	(μg/l)	(8021B) (µg/l)	(8260B) (µg/l)	
MW-5	continued												(10)	
12/18/0	35.92	10.76	0.00	25.16	0.30		9800	ND<2.5	ND<2.5	420	ND<5.0		6.2	
03/25/0	8 35.92	9.22	0.00	26.70	1.54									Sampled Q2 and Q4 only
06/18/0	8 35.92	10.38	0.00	25.54	-1.16		17000	ND<5.0	ND<5.0	510	ND<10		ND<5.0	
09/15/0	8 35.92	11.49	0.00	24.43	-1.11									Sampled Q2 and Q4 only
12/17/0	8 35.92	11.55	0.00	24.37	-0.06		24000	ND<5.0	ND<5.0	730	ND<10		ND<5.0	
MW-6			(Scree	en Interval	in feet: 8.0	-20.0)								
05/19/9	2					1300		2	2.1	ND	2.7			
08/20/9	2					280		8.4	ND	0.51	0.84			
09/16/9	2 36.03	12.91	0.00	23.12										
10/12/9	2 36.03	13.28	0.00	22.75	-0.37									
11/10/9	2 36.03	13.18	0.00	22.85	0.10	490		7	1.2	1.7	ND			
12/10/9	2 36.03	12.33	0.00	23.70	0.85									
01/15/9	3 36.03	9.25	0.00	26.78	3.08									
02/20/9	3 36.03	8.24	0.00	27.79	1.01	2400		43	ND	33	2			
03/18/9	3 36.03	8.74	0.00	27.29	-0.50									
04/20/9	3 36.03	8.12	0.00	27.91	0.62									
05/21/9		8.83	0.00	27.20	-0.71	940		18	1	7.1	2.7			
06/22/9		9.38	0.00	26.65	-0.55									
07/23/9		9.87	0.00	26.16	-0.49									
08/23/9		10.35	0.00	25.68	-0.48	1000		9.4	2.3	5	2.3			
09/24/9:		10.34	0.00	25.33	-0.35									
11/23/93		10.96	0.00	24.71	-0.62	520		ND	1.7	1.9	0.82			
02/24/94	4 35.67	8.39	0.00	27.28	2.57	810		12	ND	2.6	0.77			
3292								Page 23	of 43					

3292

Page 23 of 43

**CTRC** 

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-6	continued													
05/25/		9.55	0.00	26.12	-1.16	500		11	ND	ND	0.73			
08/23/9	94 35.67	10.97	0.00	24.70	-1.42	570		8.8	2.5	3.2	2.6			
11/23/9	94 35.67	10.21	0.00	25.46	0.76	460		6.4	1.1	i.9	1.1			
02/03/9	95 35.67	6.99	0.00	28.68	3.22	660		4.8	13	1.4	ND			
05/10/9	95 35.67	7.53	0.00	28.14	-0.54	470		ND	0.65	1.4	0.67			
08/02/9	95 35.67	8.68	0.00	26.99	-1.15	360		3.2	ND	1.6	ND			
11/02/9	95 35.67	10.20	0.00	25.47	-1.52	470		ND	0.92	0.89	0.58	5.5		
02/08/9	96 35.67	6.66	0.00	29.01	3.54	450		3.1	ND	1.1	0.68	ND		
05/08/9	96 35.67	7.40	0.00	28.27	-0.74	ND		ND	ND	ND	ND	ND		
08/09/9	96 35.67	8.72	0.00	26.95	-1.32	ND		ND	ND	ND	ND	ND		
11/07/9	96 35.67	10.12	0.00	25.55	-1.40	ND		ND	ND	ND	ND	ND		
02/10/9	97 35.67	6.88	0.00	28.79	3.24	ND		ND	ND	ND	ND	ND		
05/07/9	97 35.67	8.32	0.00	27.35	-1.44	ND		ND	1.1	ND	ND	ND		
08/05/9	97 35.67	9.64	0.00	26.03	-1.32	55		0.79	ND	ND	ND	ND		
11/04/9	97 35.67	10.30	0.00	25.37	-0.66	ND	~~	ND	ND	ND	ND	ND		
02/12/9	98 35.67	5.10	0.00	30.57	5.20	ND		ND	ND	ND	ND	ND		
05/15/9	98 35.68	6.61	0.00	29.07	-1.50	ND		ND	ND	ND	ND	ND		
08/12/9	98 35.68	8.02	0.00	27.66	-1.41	ND		ND	ND	ND	ND	ND		
11/12/9	98 35.68	8.74	0.00	26.94	-0.72	ND		ND	ND	ND	ND	ND		
03/01/9	9 35.68	7.22	0.00	28.46	1.52	ND		ND	ND	ND	ND	ND		
05/12/9	9 35.68	8.05	0.00	27.63	-0.83	ND		ND	ND	ND	ND	ND		
08/11/9	9 35.68	9.53	0.00	26.15	-1.48	ND		ND	ND	ND	ND	ND		
11/04/9	9 35.68	10.44	0.00	25.24	-0.91	ND		ND	ND	ND	ND	ND		

Page 24 of 43



Date Sampled	TOC Elevation (feet)	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
		(leel)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	 
<b>MW-6</b> 02/29/0	continued 0 35.68													
08/08/0		9.16	0.00	26.52										Not Monitored/Sampled
11/06/0		9.28	0.00	26.32	-0.12									
02/07/0		9.28	0.00	26.40	-0.12 0.10									
05/09/0		8.76	0.00											
08/24/0		10.33	0.00	26.92	0.42									
11/16/0			0.00	25.35	-1.57									
		9.97 7.96		25.71	0.36									
02/21/0		7.86	0.00	27.82	2.11									
05/10/0		8.93	0.00	26.75	-1.07									
08/26/0		10.09	0.00	25.59	-1.16									
11/07/0		9.93	0.00	25.75	0.16									
02/14/0		7.90	0.00	27.78	2.03									
05/12/0	3 35.68	7.51	0.00	28.17	0.39									
08/11/0	3 35.68	9.44	0.00	26.24	-1.93									
11/13/0	3 35.68													Covered with asphalt
02/17/0	4 35.68	8.38	0.00	27.30			·							Monitored Only
05/20/0	4 35.68	9.23	0.00	26.45	-0.85									Monitored Only
08/25/0	4 35.68	10.79	0.00	24.89	-1.56									Monitored Only
11/02/0	4 35.68	10.00	0.00	25.68	0.79									Monitored Only
03/17/0	5 35.68	7.27	0.00	28.41	2.73									Monitored only
06/13/0	5 35.68	7.64	0.00	28.04	-0.37									Monitored only
09/27/0	5 35.68	9.36	0.00	26.32	-1.72									Monitored Only
12/20/0	5 35.68	9.43	0.00	26.25	-0.07									Monitored Only
														monitored only

Page 25 of 43

**©**TRC

Date Sampled	TOC Elevation (feet)	Depth to Water	LPH Thickness (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)	MTBE (8260B) (µg/l)	Comments
MW-6					()	(18-)	(1-9)	(16.1)	(#6.1)	(#6/1)	(#6,1)	(µg/1)	(µg/1)	
03/10/			0.00	29.23	2.98									Monitored Only
06/20/	06 35.68	7.74	0.00	27.94	-1.29									Monitored Only
09/25/	06 35.68	8.96	0.00	26.72	-1.22									Monitored Only
12/18/	06 35.68	8.19	0.00	27.49	0.77									Monitored Only
03/29/0	07 35.68	9.52	0.00	26.16	-1.33				. <b></b>					Monitored Only
06/26/0	07 35.68	9.57	0.00	26.11	-0.05									Monitored Only
09/26/0	07 35.68	10.56	0.00	25.12	-0.99									Monitored Only
12/18/0	07 35.68	10.28	0.00	25.40	0.28									Monitored only
03/25/0	08 35.68	8.62	0.00	27.06	1.66									Monitored Only
06/18/0	08 35.68	9.92	0.00	25.76	-1.30									Monitored Only
09/15/0	35.68	11.04	0.00	24.64	-1.12									Monitored only
12/17/0	08 35.68	11.10	0.00	24.58	-0.06									Monitored only
<b>MW-7</b>			(Scre	en Interval	in feet: 11	.0-21.5)								
05/19/9	92		`			17000		540	90	1200	1900			
08/20/9	92					13000		460	54	ND	3100			
09/16/9	92 36.40	13.23	0.00	23.17										
10/12/9	92 36.40	13.65	0.00	22.75	-0.42									
11/10/9	92 36.40	13.54	0.00	22.86	0.11	1800		74	ND	230	350			
12/10/9	92 36.40	12.52	0.00	23.88	1.02									
01/15/9	3 36.40	9.59	0.00	26.81	2.93									
02/20/9	36.40	8.55	0.00	27.85	1.04	1800		37	4.6	11	7.7			
03/18/9	36.40	8.98	0.00	27.42	-0.43									
04/20/9	36.40	8.52	0.00	27.88	0.46									

3292

Page 26 of 43

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)	
	continued													
05/21/9		9.16	0.00	27.24	-0.64	22000		330	37	2100	2900			
06/22/9	3 36.40	9.66	0.00	26.74	-0.50									
07/23/9		10.15	0.00	26.25	-0.49									
08/23/9	3 36.40	10.65	0.00	25.75	-0.50	33000		360	ND	2500	4300			
09/24/9	3 36.09	10.77	0.00	25.32	-0.43									
11/23/9	3 36.09	11.28	0.00	24.81	-0.51	19000		310	30	2500	2300			
02/24/9	4 36.09	8.95	0.00	27.14	2.33	16000		220	19	2400	3200			
05/25/9	4 36.09	10.00	0.00	26.09	-1.05	14000		200	ND	1500	1800			
08/23/9	4 36.09	11.43	0.00	24.66	-1.43	19000		210	50	2000	2800			
11/23/9	4 36.09	10.69	0.00	25.40	0.74	10000		220	ND	1000	730			
02/03/9	5 36.09	7.49	0.00	28.60	3.20	26000		170	ND	2300	3700			
05/10/9	5 36.09	7.88	0.00	28.21	-0.39	1300		13	i.5	170	230			
08/02/9	5 36.09	9.02	0.00	27.07	-1.14	15000		200	ND	2200	2000			
11/02/9	5 36.09	10.55	0.00	25.54	-1.53	18000		190	9.4	2100	2200	72		
02/08/9	6 36.09	7.13	0.00	28.96	3.42	19000		150	ND	2100	3000	ND		
05/08/9	6 36.09	7.11	0.00	28.98	0.02	13000		130	18	1900	1600	85		
08/09/9	6 36.09	9.07	0.00	27.02	-1.96	11000		67	ND	1700	1800	ND		
11/07/9	6 36.09	10.76	0.00	25.33	-1.69	32000		160	ND	3300	8400	570		
02/10/9	7 36.09	7.22	0.00	28.87	3.54	7100		55	ND	ND	620	ND		
02/11/9	7 36.09						~=							
05/07/9	7 36.09	8.47	0.00	27.62		6000		74	ND	560	330	250		
08/05/9	7 36.09	10.25	0.00	25.84	-1.78	5000		66	ND	420	240	ND		
11/04/9	7 36.09	10.69	0.00	25.40	-0.44	20000		67	ND	2300	4300	430		

Page 27 of 43

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)	
<b>MW-7</b>														
02/12/9	98 36.09	5.02	0.00	31.07	5.67	5500		95	ND	150	110	ND		
05/15/9		6.98	0.00	29.08	-1.99	1300		ND	ND	69	64	88		
08/12/9	98 36.06	8.42	0.00	27.64	-1.44	1400		12	2.3	67	ND	30		
11/12/9	36.06	9.10	0.00	26.96	-0.68	6300		63	ND	230	100	ND		
03/01/9	9 36.06	7.14	0.00	28.92	1.96	1000		24	ND	23	26	39		
05/12/9	9 36.06	8.07	0.00	27.99	-0.93	4700		79	ND	120	210	210		
08/11/9	9 36.06	9.44	0.00	26.62	-1.37	4700		61.6	ND	58.2	23.6	187		
11/04/9	9 36.06	10.38	0.00	25.68	-0.94	5980		56.3	ND	44.5	21.2	194		
02/29/0	0 36.06	7.06	0.00	29.00	3.32									Sampled semi-annually
05/08/0	0 36.06	8.15	0.00	27.91	-1.09	6600		80	ND	99.6	66.5	ND		
08/08/0	0 36.06	9.21	0.00	26.85	-1.06					-				
11/06/0	0 36.06	9.77	0.00	26.29	-0.56	6030		56.3	ND	156	63.1	281		
02/07/0	1 36.06	9.02	0.00	27.04	0.75									
05/09/0	1 36.06	9.38	0.00	26.68	-0.36	7460		45	ND	186	94.4	ND		
08/24/0	1 36.06	10.73	0.00	25.33	-1.35									Sampled semi-annually
11/16/0	1 36.06	10.97	0.00	25.09	-0.24	8000		50	ND<10	61	18	ND<100		
02/21/0	2 36.06	8.60	0.00	27.46	2.37									
05/10/0	2 36.06	9.28	0.00	26.78	-0.68	7100		ND<5.0	ND<5.0	140	63	ND<50		
08/26/0	2 36.06	10.40	0.00	25.66	-1.12									Sampled semi-annually
11/07/0	2 36.06	10.95	0.00	25.11	-0.55		3400	3.1	ND<0.50	25	7.8		ND<2.0	1
02/14/0	3 36.06	8.82	0.00	27.24	2.13									Sampled semi-annually
05/12/0	3 36.06	8.46	0.00	27.60	0.36		4900	3.7	0.74	130	47		ND<2.0	1
08/11/0	3 36.06	10.27	0.00	25.79	-1.81									Monitored Only
3292								Page 28	3 of 43					() TPC



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)	
	continued													
11/13/0	3 36.06	10.82	0.00	25.24	-0.55		20000	10	ND<10	1600	740		ND<40	
02/17/0		10.13	0.00	25.93	0.69									Monitored Only
05/20/0		9.60	0.00	26.46	0.53		12000	ND<10	ND<10	1000	380		ND<10	
08/25/0		10.85		25.21	-1.25									Monitored Only
11/02/0		10.67		25.39	0.18		12000	ND<10	ND<10	860	280		ND<10	
03/17/0		7.65	0.00	28.41	3.02									Sampled Semi-Annually
06/13/0		7.96	0.00	28.10	-0.31		13000	ND<5.0	ND<5.0	840	250		ND<5.0	
. 09/27/0:		9.66	0.00	26.40	-1.70									Sampled semi-annually
12/20/0:		9.67	0.00	26.39	-0.01		19000	2.2	1.2	100	20		ND<0.50	
03/10/0		7.56	0.00	28.50	2.11									Sampled Q2 and Q4 only
06/20/0		8.07	0.00	27.99	-0.51		8300	ND<2.5	ND<2.5	310	80		ND<2.5	
09/25/00		9.27	0.00	26.79	-1.20									Sampled Q2 and Q4 only
12/18/00		9.12	0.00	26.94	0.15		2500	ND<0.50	ND<0.50	2.3	0.58		3.8	
03/29/01		9.61	0.00	26.45	-0.49									Sampled Q2 and Q4 only
06/26/01		9.87	0.00	26.19	-0.26		7800	1.5	1.2	230	34		ND<0.50	
09/26/01		10.85	0.00	25.21	-0.98									Sampled Q2 and Q4 only
12/18/07		10.12	0.00	25.94	0.73		7100	ND<2.5	ND<2.5	310	20		ND<2.5	
03/25/08		9.37	0.00	26.69	0.75									Sampled Q2 and Q4 only
06/18/08		9.98	0.00	26.08	-0.61		10000	ND<2.5	ND<2.5	420	39		ND<2.5	
09/15/08		11.00	0.00	25.06	-1.02									Sampled Q2 and Q4 only
12/17/08	36.06	11.25	0.00	24.81	-0.25		6900	ND<5.0	ND<5.0	330	15		ND<5.0	
MW-8			(Scree	n Interval	in feet: 8.0	-19.0)								
05/19/92	2					5300		28	3.3	2.6	2.1			
3292								Page 29	0 of 43					<b>©TRC</b>

Date Sampled	TOC Elevatio	on	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethy1- 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)	
<b>MW-8</b> 08/20	<b>contin</b> ı /92 -	ued					3500		67	11	ND	ND			
09/16	/92 37	.14	14.13	0.00	23.01										
10/12	/92 37	.14	14.51	0.00	22.63	-0.38									
11/10	/92 37.	.14	14.46	0.00	22.68	0.05	1800		20	ND	ND	ND			
12/10	/92 37.	.14	13.51	0.00	23.63	0.95									
01/15	/93 37.	.14	10.50	0.00	26.64	3.01									
02/20	/93 37.	.14	9.50	0.00	27.64	1.00	2200		32	ND	42	5			
03/18	/93 37.	.14	9.89	0.00	27.25	-0.39									
04/20	/93 37.	.14	9.91	0.00	27.23	-0.02									
05/21	/93 37.	.14	10.40	0.00	26.74	-0.49	2500		44	ND	ND	ND			
06/22	/93 37.	.14	10.86	0.00	26.28	-0.46									
07/23	/93 37.	.14	11.29	0.00	25.85	-0.43									
08/23	/93 37.	.14	11.76	0.00	25.38	-0.47	280		49	4.5	ND	ND			
09/24	/93 36.	.89	12.00	0.00	24.89	-0.49									
11/23	/93 36.	.89	12.38	0.00	24.51	-0.38	1800		ND	3.4	ND	ND			
02/24	/94 36.	.89	10.44	0.00	26.45	1.94	1200		10	2.3	ND	3.2			
05/25	/94 36.	.89	11.12	0.00	25.77	-0.68	14000		29	ND	ND	ND			
08/23	/94 36.	89	12.61	0.00	24.28	-1.49	3200		46	18	2	7.2			
11/23	/94 36.	.89	11.98	0.00	24.91	0.63	1700		34	ND	ND	3.1			
02/03	/95 36.	89	9.16	0.00	27.73	2.82	800		6.1	ND	ND	ND			
05/10	/95 36.	89	9.35	0.00	27.54	-0.19	1400		15	1.5	0.65	0.84			
08/02	/95 36.	89	10.40	0.00	26.49	-1.05	690		8.3	1.9	ND	ND			
11/02	/95 36.	89	11.80	0.00	25.09	-1.40	1200		ND	1.9	0.56	ND	6.4		

3292

Page 30 of 43



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		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-8	continued													
02/08/9		8.98	0.00	27.91	2.82									
02/14/9		9.24	0.00	27.65	-0.26	650		9	i.2	ND	0.52	ND		
05/08/9	96 36.89	9.46	0.00	27.43	-0.22	1200		0.7	35	2.2	3	ND		
08/09/9	96 36.89	10.47	0.00	26.42	-1.01	350		ND	12	0.81	0.95	ND		
11/07/9	96 36.89	11.71	0.00	25.18	-1.24	1000		23	ND	ND	ND	ND		
02/10/9	97 36.89	8.84	0.00	28.05	2.87	630		13	ND	ND	8.1	ND		
05/07/9	97 36.89	10.12	0.00	26.77	-1.28	1200		26	3.4	ND	20	20		
08/05/9	97 36.89	11.26	0.00	25.63	-1.14	590		9.8	ND	ND	ND	ND		
11/04/9	97 36.89	11.58	0.00	25.31	-0.32	640		14	1.9	5.7	11	ND		
02/12/9	98 36.89	7.34	0.00	29.55	4.24	770		20	3	ND	ND	ND		
05/15/9	98 36.87	8.67	0.00	28.20	-1.35	840		10	ND	ND	3.1	ND		
08/12/9	98 36.87	9.78	0.00	27.09	-1.11	240		0.75	ND	ND	ND	ND		
11/12/9	98 36.87	10.62	0.00	26.25	-0.84	300		14	2	ND	ND	ND	·	
03/01/9	9 36.87	9.02	0.00	27.85	1.60	1100		22	4.6	2.1	4.9	12		
05/12/9	9 36.87	9.65	0.00	27.22	-0.63	650		17	ND	ND	ND	ND		
08/11/9	9 36.87	10.85	0.00	26.02	-1.20	168		6.68	ND	0.544	ND	ND		
11/04/9	9 36.87	11.72	0.00	25.15	-0.87	1010		15.8	2.28	ND	ND	16.2		
02/29/0	0 36.87	8.25	0.00	28.62	3.47									Sampled semi-annually
05/08/0	0 36.87	9.21	0.00	27.66	-0.96	199		6.26	ND	ND	ND	ND		
08/08/0	0 36.87	10.35	0.00	26.52	-1.14									
11/06/0	0 36.87	10.76	0.00	26.11	-0.41	797		ND	ND	ND	ND	ND		
02/07/0	36.87	10.16	0.00	26.71	0.60									
05/09/0	1 36.87	10.62	0.00	26.25	-0.46	695		ND	ND	ND	ND	ND		

3292

Page 31 of 43

CTRC

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

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water	Change in	TPH-G	TPH-G			<b>Ed.</b>	<b>T</b>			Comments
				Elevation	Elevation	(8015M)	(GC/MS)	Benzene	Toluene	Ethyl- benzene	Totai Xylenes	MTBE (8021B)	MTBE (8260B)	
	(feet)	(feet)	(feet)	(feet)	(feet)	(μg/l)	(µg/l)	(µg/l)	(μg/l)	(µg/l)	μg/l)	(0021 <b>D</b> ) (μg/l)	(0200 <b>D</b> ) (μg/l)	
MW-8	continued												(10)	
08/24/0		11.97	0.00	24.90	-1.35									Sampled semi-annually
11/16/(	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		
02/21/0	36.87	10.03	0.00	26.84	2.24									
05/10/0	)2 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		
08/26/0	36.87	11.80	0.00	25.07	-1.17									Sampled semi-annually
11/07/(	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	
02/14/(	3 36.87	9.97	0.00	26.90	2.00									Sampled semi-annually
05/12/0	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	
08/11/0	3 36.87	11.33	0.00	25.54	-1.75									Monitored Only
11/13/0	3 36.87													Covered with asphalt
02/17/0	4 36.87													Covered with asphalt
05/20/0	4 36.87													Unable to locate
08/25/0	4 36.87													Unable to locate
11/02/0	4 36.87													Covered with asphalt
03/17/0	5 36.87													Unable to locate-Paved over
06/13/0	5 36.87	9.46	0.00	27.41			430	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
09/27/0	5 36.87	11.00	0.00	25.87	-1.54									Sampled semi-annually
12/20/0	5 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	-
03/10/0	6 36.87	8.73	0.00	28.14	2.36									Sampled Q2 and Q4 only
06/20/0	6 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	
09/25/0	6 36.87	10.66	0.00	26.21	-1.19									Sampled Q2 and Q4 only
12/18/0	6 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	
03/29/0	7 36.87	10.32	0.00	26.55	-0.08									Sampled Q2 and Q4 only
3292								Page 32	2 of 43					

**CTRC** 

Page 32 of 43

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G	TPH-G	b		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)	
	continued						(1-6)	(18-7	(18-1)	(PB-)		(µ8/1)	(µg/1)	
06/26/0		11.15	0.00	25.72	-0.83		200	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
09/26/0	7 36.87	12.21	0.00	24.66	-1.06									Sampled Q2 and Q4 only
12/18/0	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	
03/25/0	8 36.87	10.43	0.00	26.44	1.57									Sampled Q2 and Q4 only
06/18/0	8 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	
09/15/0	8 36.87	12.65	0.00	24.22	-1.15									Sampled Q2 and Q4 only
12/17/0	8 36.87	12.84	0.00	24.03	-0.19		230	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-9			(Scree	en Interval	in feet: 8.0	-19.0)								
05/19/9	2					8100		11	ND	25	5.8			
08/20/9						3800		37	ND	ND	ND			
09/16/9		13.90	0.00	23.02										
10/12/9		14.28	0.00	22.64	-0.38									
11/10/9		14.22	0.00	22.70	0.06	4200		ND	ND	21	23			
12/10/9	2 36.92	13.40	0.00	23.52	0.82									
01/15/9		10.24	0.00	26.68	3.16									
02/20/9		9.22	0.00	27.70	1.02	2300		47	ND	32	ND			
03/18/9		9.55	0.00	27.37	-0.33									
04/20/9		9.62	0.00	27.30	-0.07									
05/21/9		10.16	0.00	26.76	-0.54	3200		32	ND	8.1	ND			
06/22/9		10.62	0.00	26.30	-0.46									
07/23/9		11.07	0.00	25.85	-0.45									
08/23/9		11.54	0.00	25.38	-0.47	3000		29	ND	ND	ND			
09/24/9	3 36.29	11.18	0.00	25.11	-0.27									

Page 33 of 43



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-9	continued													, <u>, , , , , , , , , , , , , , , , , , </u>
11/23/9	93 36.29	11.80	0.00	24.49	-0.62	2500		23	2.1	ND	ND			
02/24/9	94 36.29	9.74	0.00	26.55	2.06	2900		35	ND	ND	ND			
05/25/9	94 36.29	10.48	0.00	25.81	-0.74	ND		ND	ND	ND	ND			
08/23/9	94 36.29	11.99	0.00	24.30	-1.51	2800		28	32	ND	ND			
11/23/9	94 36.29	11.31	0.00	24.98	0.68	2000		24	2.2	2.2	2.5			
02/03/9	95 36.29	8.45	0.00	27.84	2.86	2100		26	2.5	ND	ND			
05/10/9	95 36.29	8.70	0.00	27.59	-0.25	1700		0.81	2.2	1	1.4			
08/02/9	95 36.29	9.75	0.00	26.54	-1.05	1900		26	6.6	ND	3.9			
11/02/9	95 36.29	11.16	0.00	25.13	-1.41	1600		ND	1.3	ND	ND	11		
02/08/9	96 36.29	8.15	0.00	28.14	3.01	1900		ND	ND	ND	ND	ND		
05/08/9	96 36.29	8.75	0.00	27.54	-0.60	1700		1.9	22	1.7	2.7	ND		
08/09/9	96 36.29	9.84	0.00	26.45	-1.09	200		ND	4.5	ND	0.58	ND		
11/07/9	96 36.29	11.10	0.00	25.19	-1.26	920		24	ND	ND	ND	ND		
02/10/9	97 36.29	8.15	0.00	28.14	2.95	580		14	2.4	ND	ND	16		
05/07/9	97 36.29	9.45	0.00	26.84	-1.30	810		11	3.9	1.7	9.9	13		
08/05/9	97 36.29	10.70	0.00	25.59	-1.25	850		21	ND	ND	ND	33		
11/04/9	97 36.29	11.05	0.00	25.24	-0.35	730		11	ND	5.1	11	ND		
02/12/9	98 36.29	6.60	0.00	29.69	4.45	820		23	3.2	ND	ND	18		
05/15/9	98 36.27	8.01	0.00	28.26	-1.43	390		5.5	1.2	ND	13	13		
08/12/9	98 36.27	9.18	0.00	27.09	-1.17	780		14	ND	0.52	ND	12		
11/12/9	98 36.27	9.91	0.00	26.36	-0.73	180		6.3	ND	ND	0.62	8.1		
03/01/9	9 36.27	8.34	0.00	27.93	1.57	790		24	ND	ND	i.7	32		
05/12/9	9 36.27	9.04	0.00	27.23	-0.70	930		13	2.2	1.2	1.5	10		

Page 34 of 43



# Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 1991 Through December 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	MTBE	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(μg/l)	(μg/l)	(µg/l)	(μg/l)	(µg/l)	xylenes (μg/l)	(8021B) (µg/l)	(8260B) (µg/l)	
MW-9	continued													
08/11/9	99 36.27	10.25	0.00	26.02	-1.21	1120		19.7	ND	ND	ND	ND		
11/04/9	9 36.27	11.10	0.00	25.17	-0.85	756		14.2	1.94	ND	ND	22.8		
02/29/0	0 36.27	8.12	0.00	28.15	2.98	955		22.9	ND	ND	ND	ND		
05/08/0	0 36.27	9.09	0.00	27.18	-0.97	895		ND	ND	ND	ND	ND		
08/08/0	0 36.27	10.08	0.00	26.19	-0.99	630		18.2	ND	ND	ND	ND		
11/06/0	0 36.27	10.52	0.00	25.75	-0.44	712		ND	ND	ND	ND	ND		
02/07/0	1 36.27	9.78	0.00	26.49	0.74	750		ND	ND	ND	ND	66		
05/09/0	1 36.27	9.98	0.00	26.29	-0.20	704		ND	ND	ND	ND	ND		
08/24/0	1 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		
11/16/0	1 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		
02/21/0	2 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		
05/10/0	2 36.27	10.00	0.00	26.27	-0.65	300		ND<0.50	0.67	ND<0.50	ND<0.50	ND<5.0		
08/26/0	2 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	
11/07/0	2 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	
02/14/0	3 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	
05/12/0	3 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	
08/11/0		11.18	0.00	25.09	-1.96		170	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<2.0	
11/13/0	3 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	
02/17/0	4 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	
05/20/0	4 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	
08/25/04	4 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	
11/02/04	4 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	
03/17/0:	5 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	
3292								Page 34	5 of 13					* 86.

3292

Page 35 of 43

Date	TOC	Depth to	LPH	Ground-	Change									Comments
Sampled	Elevation	Water	Thickness	water Elevation	in Elevation	TPH-G	TPH-G	-	_	Ethyl-	Total	MTBE	MTBE	
	(feet)	(faat)	(feet)			(8015M)	(GC/MS)	Benzene	Totuene	benzene	Xylenes	(8021B)	(8260B)	
		(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-9</b>	continued		0.00	07.05	0.05									
06/13/0			0.00	27.35	-0.05		560			ND<0.50	ND<1.0		ND<0.50	
09/27/0				25.96	-1.39		320		ND<0.50		ND<1.0		ND<0.50	
12/20/0				25.86	-0.10		320		ND<0.50		ND<1.0		ND<0.50	
03/10/0		8.22	0.00	28.05	2.19		470	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
06/20/0	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	
09/25/(	6 36.27	9.95	0.00	26.32	-1.06		270	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
12/18/0	)6 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	
03/29/(	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	
06/26/0	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	
09/26/0	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/(	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	
03/25/0	)8 36.27	9.73	0.00	26.54	1.67	'	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
06/18/0	08 36.27	10.90	0.00	25.37	-i.17		220	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
09/15/0	)8 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	
12/17/0	36.27	12.22	0.00	24.05	-0.20		140	ND<0.50	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
MW-10			(Scree	en Interval	in feet: 8.0	-20.0)								
08/20/9	92					15000		230	ND	1000	350			
09/16/9	36.26	13.28	0.00	22.98										
10/12/9	92 36.26	13.67	0.00	22.59	-0.39									
11/10/9	2 36.26	13.59	0.00	22.67	0.08	15000		300	42	3500	330			
12/10/9		12.53	0.00	23.73	i.06									
01/15/9		9.60	0.00	26.66	2.93									
02/20/9		8.57	0.00	27.69	1.03	17000		 74	 ND	1000				
2202	5 50.20	0.27	0.00	21.09	1.05	17000		/4 Page 34		1000	620			

Page 36 of 43



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-10	continued	1												
03/18/9	3 36.26	9.03	0.00	27.23	-0.46									
04/20/9	3 36.26	9.09	0.00	27.17	-0.06									
05/21/92	3 36.26	9.63	0.00	26.63	-0.54	23000		250	ND	3000	240			
06/22/92	3 36.26	10.12	0.00	26.14	-0.49									
07/23/9:	3 36.26	10.54	0.00	25.72	-0.42									
08/23/9:	3 36.26	10.99	0.00	25.27	-0.45	20000		230	13	3200	140			
09/24/9:	3 36.04	11.17	0.00	24.87	-0.40									
11/23/93	3 36.04	11.67	0.00	24,37	-0.50	18000		300	10	2800	110			
02/24/94	4 36.04	9.57	0.00	26.47	2.10	15000		330	19	2000	83			
05/25/94	4 36.04	10.32	0.00	25.72	-0.75	14000		240	ND	230	62			
08/23/94	4 36.04	11.81	0.00	24.23	-1.49	16000		250	41	1800	74			
11/23/94	4 36.04	11.10	0.00	24.94	0.71	16000		260	ND	1600	49			
02/03/9:	5 36.04	8.32	0.00	27.72	2.78	17000		310	ND	1500	93			
05/10/9:	5 36.04	8.70	0.00	27.34	-0.38	12000		260	16	1200	54	-		
08/02/9:	5 36.04	9.55	0.00	26.49	-0.85	8900		240	ND	780	40			
11/02/9:	5 36.04	11.03	0.00	25.01	-1.48	9300		190	ND	470	1.7	110		
02/08/96	5 36.04	8.05	0.00	27.99	2.98	9700		170	ND	440	ND	ND		
05/08/96	5 36.04	8.70	0.00	27.34	-0.65	7100		100	ND	240	ND	43		
08/09/90	5 36.04	9.76	0.00	26.28	-1.06	4400		59	7.5	110	6.5	73		
11/07/96	5 36.04	10.92	0.00	25.12	-1.16	6300		65	ND	110	ND	130		
02/10/97	7 36.04	8.10	0.00	27.94	2.82	6800		91	ND	100	ND	210		
05/07/97	7 36.04	9.28	0.00	26.76	-1.18	4800		76	ND	50	ND	160		
08/05/97	7 36.04	10.51	0.00	25.53	-1.23	4200		52	ND	40	ND	81		

Page 37 of 43

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water	Change in Elevation	TPH-G	TPH-G			Ethyl-	Total	MTBE	MTBE	Comments
		(0)	(2)			(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-10			0.00											
11/04/9		11.02		25.02	-0.51	4500		49	ND	63	ND	84		
02/12/9		6.85	0.00	29.19	4.17	6200		98	ND	91	ND	420		
05/15/9		8.05	0.00	27.97	-1.22	7200		84	ND	84	ND	260		
08/12/9		9.27	0.00	26.75	-1.22	7500		6.9	11	47	ND	130		
11/12/9		10.03	0.00	25.99	-0.76	4200		23	ND	24	ND	130		
03/01/9		8.56	0.00	27.46	1.47	5900		37	ND	50	26	300		
05/12/9	9 36.02	8.92	0.00	27.10	-0.36	7400		37	ND	32	ND	170		
08/11/9	9 36.02	10.10	0.00	25.92	-1.18	5060		38.1	ND	12.9	ND	75.5		
11/04/9	9 36.02	11.03	0.00	24.99	-0.93	6190		76.7	8.01	13.4	ND	234		
02/29/0	0 36.02	9.67	0.00	26.35	1.36	7120		27.8	ND	24.7	ND	208		
05/08/0	0 36.02	10.54	0.00	25.48	-0.87	5830		51.7	10.6	24.7	24.8	142		
08/08/0	0 36.02	10.92	0.00	25.10	-0.38	5010		50.6	ND	13.9	ND	113		
11/06/0	0 36.02	11.34	0.00	24.68	-0.42	6260		47.9	ND	12.5	ND	118		
02/07/0	1 36.02	10.75	0.00	25.27	0.59	4800		56	10	ND	ND	780		
05/09/0	1 36.02	9.84	0.00	26.18	0.91	6810		52.4	ND	ND	ND	161		
08/24/0	1 36.02	11.16	0.00	24.86	-1.32	5600		56	ND<10	ND<10	ND<10	ND<100		
11/16/0	1 36.02	11.38	0.00	24.64	-0.22	5600		49	ND<10	ND<10	ND<10	190		
02/21/0	2 36.02	9.20	0.00	26.82	2.18	5000		38	ND<5.0	8.5	ND<5.0	140		
05/10/0	2 36.02	9.87	0.00	26.15	-0.67	5300		57	6.3	8.2	ND<5.0	ND<50		
08/26/0	2 36.02	11.02	0.00	25.00	-1.15		7000	ND<5.0	ND<5.0	5.4	ND<10		ND<20	
11/07/0	2 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	
02/14/0	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	
05/12/0	3 36.02	9.12	0.00	26.90	0.24		4300	2.6	0.56	2.9	ND<1.0		4.8	
0000									6.40					

Page 38 of 43

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-10	continue	d									·,			
08/11/0	36.02	11.25	0.00	24.77	-2.13		3100	1.9	ND<0.50	1.0	i.0		4.0	
11/13/0	36.02	11.20	0.00	24.82	0.05		7300	ND<25	ND<25	ND<25	ND<50		ND<100	
02/17/0	36.02	10.95	0.00	25.07	0.25		7100	4.1	ND<2.5	3.8	ND<5.0		ND<10	
05/20/0	04 36.02	10.00	0.00	26.02	0.95		7300	3.0	ND<2.5	2.8	ND<5.0		ND<2.5	
08/25/0	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	
11/02/0	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	
03/17/0	36.02	8.75	0.00	27.27	2.20		6700	2.4	ND<0.50	1.0	ND<1.0		3.4	
06/13/0	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	
09/27/0	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	
12/20/0	36.02	10.12	0.00	25.90	-0.04		3700	i.4	ND<0.50	ND<0.50	ND<1.0		ND<0.50	
03/10/0	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	
06/20/0	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	
09/25/0	)6 36.02	9.94	0.00	26.08	-1.13		2800	ND<1.0	ND<1.0	ND<1.0	ND<1.0		ND<1.0	
12/18/0	6 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	
03/29/0	36.02	9.47	0.00	26.55	-0.05	~~	4300	1.2	ND<0.50	ND<0.50	ND<0.50		ND<0.50	
06/26/0	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	
09/26/0	07 36.02	11.43	0.00	24.59	-1.18		3100	1.1	ND<1.0	ND<1.0	ND<1.0		ND<1.0	
12/18/0	36.02	11.20	0.00	24.82	0.23		2500	1.0	i.i	ND<0.50	1.3		ND<0.50	
03/25/0	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	
06/18/0		10.77	0.00	25.25	-1.52		3700	ND<1.0	ND<1.0	ND<1.0	ND<2.0		ND<1.0	
09/15/0	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	
12/17/0	36.02	12.00	0.00	24.02	-0.16		3900	ND<5.0	ND<5.0	ND<5.0	ND<10		ND<5.0	
MW-11			(Scree	en Interval	in feet: 7.0	-19.0)								

Page 39 of 43



Date Sampled	TOC Elevation	Depth to Water	LPH Thickness		Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyi- 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)	
<b>MW-11</b> 08/20/9		d				4600		62	ND	ND	54			
09/16/9	2 35.83	12.93	0.00	22.90										
10/12/9	2 35.83	13.30	0.00	22.53	-0.37									
11/10/9	2 35.83	13.20	0.00	22.63	0.10	5800		130	ND	260	42			
12/10/9	2 35.83	12.24	0.00	23.59	0.96									
01/15/9	3 35.83	9.23	0.00	26.60	3.01									
02/20/9	3 35.83	8.20	0.00	27.63	1.03	18000		76	ND	1000	630			
03/18/9	3 35.83	8.77	0.00	27.06	-0.57									
04/20/9	3 35.83	8.86	0.00	26.97	-0.09									
05/21/9	3 35.83	9.40	0.00	26.43	-0.54	7100		64	ND	340	120			
06/22/9	3 35.83	9.87	0.00	25.96	-0.47				77					
07/23/9	3 35.83	1 <b>0.29</b>	0.00	25.54	-0.42									
08/23/9	3 35.83	10.73	0.00	25.10	-0.44	5400		68	ND	230	43			
09/24/9	3 35.50	10.83	0.00	24.67	-0.43									
11/23/9	3 35.50	11.28	0.00	24.22	-0.45	3400		105	ND	120	43			
02/24/9	4 35.50	9.20	0.00	26.30	2.08	4600		170	ND	140	36			
05/25/9	4 35.50	9.94	0.00	25.56	-0.74	1400		49	ND	26	ND			
08/23/9	4 35.50	11 <b>.39</b>	0.00	24.11	-1.45	7300		250	13	150	42			
11/23/9	4 35.50	10.67	0.00	24.83	0.72	5800		250	10	120	22			
02/03/9	5 35.50	8.02	0.00	27.48	2.65	4400		110	ND	150	37			
05/10/9	5 35.50	8.36	0.00	27.14	-0.34	4200		120	ND	170	38			
08/02/9	5 35.50	9.31	0.00	26.19	-0.95	4200		110	ND	110	22			
11/02/9	5 35.50	10.85	0.00	24.65	-1.54	6100	-	150	ND	78	6.8	6200		

Page 40 of 43

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)	(002111) (μg/l)	(8200 <b>D</b> ) (μg/l)	
MW-11	continue	đ												
02/08/9	6 35.50	7.76	0.00	27.74	3.09									
02/14/9	6 35.50	8.18	0.00	27.32	-0.42	3100		60	ND	98	ND	4000		
05/08/9	6 35.50	8.50	0.00	27.00	-0.32	3500		120	ND	160	ND	6400		
08/09/9	6 35.50	9.46	0.00	26.04	-0.96	1100		42	ND	15	ND	4300		
11/07/9	6 35.50	10.58	0.00	24.92	-1.12	2900		57	ND	13	ND	3400		
02/10/9	7 35.50	7.88	0.00	27.62	2.70	600		9.5	ND	ND	ND	3100		
05/07/9	7 35.50	9.07	0.00	26.43	-1.19	1900		45	ND	31	ND	2400		
08/05/9	7 35.50	10.23	0.00	25.27	-1.16	2100		35	ND	24	ND	1800		
11/04/9	7 35.50	10.51	0.00	24.99	-0.28	98		1.6	ND	ND	ND	ND		
02/12/9	8 35.50	6.59	0.00	28.91	3.92	670		12	ND	ND	ND	1400		
05/15/9	8 35.50	7.73	0.00	27.77	-1.14	1200		7.9	ND	30	ND	1600		
08/12/9	8 35.50	8.85	0.00	26.65	-1.12	1600		ND	ND	ND	'ND	2000		
11/12/9	8 35.50	9.52	0.00	25.98	-0.67	1700		9.3	ND	ND	ND	1700		
03/01/9	9 35.50	8.00	0.00	27.50	1.52	530		4.9	ND	ND	ND	870		
05/12/9	9 35.50	8.64	0.00	26.86	-0.64	900		6.6	ND	ND	ND	840		
08/11/9	9 35.50	9.92	0.00	25.58	-1.28	1660		5.52	ND	ND	ND	764		
11/04/9	9 35.50	10.88	0.00	24.62	-0.96	2600		8.71	ND	2.76	ND	1490		
02/29/0	0 35.50	7.56	0.00	27.94	3.32	420		ND	ND	ND	ND	1010		
05/08/0	0 35.50	8.50	0.00	27.00	-0.94	513		3.56	ND	i.11	ND	1320		
08/08/0	0 35.50	9,39	0.00	26.11	-0.89	960		10.0	1.28	ND	ND	1600		
11/06/0	0 35.50	9.81	0.00	25.69	-0.42	3000		17.7	ND	ND	ND	1280	1360	
02/07/0	1 35.50	9.16	0.00	26.34	0.65	1600		ND	ND	ND	ND	590		
05/09/0	1 35.50	9.51	0.00	25.99	-0.35	1010		11.4	ND	1.24	ND	586		

3292

Page 41 of 43



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)	(0021 <b>Β</b> ) (μg/l)	(8200 <b>D</b> ) (μg/l)	
MW-11	continued	1					·····							a providencia de la constancia de la consta
08/24/0													870	
08/29/0	1 35.50	10.78	0.00	24.72		3100		23	ND<5.0	ND<5.0	ND<5.0	840	870	
11/16/0	1 35.50	10.95	0.00	24.55	-0.17	1000		9.2	ND<2.0	ND<2.0	ND<2.0	600		
02/21/0	2 35.50	8.85	0.00	26.65	2.10	1100		7.4	ND<2.5	ND<2.5	ND<2.5	270		
05/10/0	2 35.50	9.51	0.00	25.99	-0.66	910		7.4	i.4	2.8	ND<12	330	270	
08/26/0	2 35.50	10.62	0.00	24.88	-1.11		1900	ND<0.50	ND<0.50	0.87	ND<1.0		170	
11/07/0	2 35.50	10.77	0.00	24.73	-0.15		550	ND<2.5	ND<2.5	ND<2.5	ND<5.0		330	
02/14/0	3 35.50	8.97	0.00	26.53	1.80		2600	1.8	0.51	1.7	ND<1.0		ND<2.0	
05/12/0	3 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	
08/11/0	3 35.50	11.04	0.00	24.46	-2.14		930	ND<2.5	ND<2.5	ND<2.5	ND<5.0		320	
11/13/0	3 35.50	10.79	0.00	24.71	0.25		1300	ND<2.5	ND<2.5	5.0	ND<5.0		300	
02/17/0	4 35.50	9.19	0.00	26.31	1.60		830	ND<2.5	ND<2.5	3.8	ND<5.0		170	
05/20/0	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	
08/25/0	4 35.50	10.90	0.00	24.60	-1.09		1100	ND<1.0	ND<1.0	2.1	ND<2.0		210	
11/02/0	4 35.50	10.47	0.00	25.03	0.43		850	ND<1.0	ND<1.0	1.4	ND<2.0		180	
03/17/0	5 35.50	8.22	0.00	27.28	2.25		1500	0.63	ND<0.50	2.9	ND<1.0		120	
06/13/0	5 35.50	8.48	0.00	27.02	-0.26		1100	ND<0.50	ND<0.50	3.5	ND<1.0		120	
09/27/0	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	
12/20/0	5 35.50	9.96	0.00	25.54	-0.08		290	ND<0.50	ND<0.50	ND<0.50	ND<1.0		92	
03/10/0	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	
06/20/0		8.63	0.00	26.87	-0.98		680	ND<2.5	ND<2.5	ND<2,5	ND<5.0		88	
09/25/0		9.64	0.00	25.86	-1.01		180	ND<0.50	ND<0.50	ND<0.50	ND<0.50		65	
12/18/0	6 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	
0000								D 4/	C 4 2					44.

3292

Page 42 of 43

**CTRC** 

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (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
MW-11	continue	d												
03/29/0	7 35.50	9.31	0.00	26.19	-0.21		810	ND<0.50	ND<0.50	1.0	ND<0.50		47	
06/26/0	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	
09/26/0	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	
12/18/0	7 35.50	10.74	0.00	24.76	0.26		ND<50	ND<0.50	0.64	ND<0.50	ND<1.0		23	
03/25/0	8 35.50	9.29	0.00	26.21	1.45		320	ND<0.50	0.84	ND<0.50	1.2		31	
06/18/0	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	
09/15/0	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	
12/17/0	8 35.50	11.53	0.00	23.97	-0.11		810	ND<0.50	ND<0.50	ND<0.50	ND<1.0		22	

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-1												
11/02/95			·				-				2.83	
02/08/96											2.58	
05/08/96		<b>a w</b>								1.92		
08/09/96											2.14	
11/07/96										2.18	2.11	
02/10/97										2.05		
02/11/97										2.05		
05/07/97										1.88		
08/05/97										1.88		
11/04/97										2.67		
02/12/98											2.38	
05/15/98											2.12	
08/12/98											1.77	
11/12/98											i.55	
03/01/99											1,77	
05/12/99											1.86	
08/11/99											1.93	
11/04/99											2.1	
02/29/00											2.88	
05/08/00	ND	ND	ND	ND	ND	ND	ND				3.11	
08/08/00											3.27	
11/06/00											3.67	
02/07/01											3.62	
05/09/01	ND	ND	ND	ND	ND	ND	ND				3.29	
08/24/01											1.97	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

Page 1 of 24

**CTRC** 

Date Sampled	TBA	Ethanot (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	
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
MW-1 co												
11/16/01	380	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0				2.56	
02/21/02	ND<50	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5				1.84	
05/10/02											0.7	
08/26/02											0.9	
11/07/02	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.84	
02/14/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				2.21	
05/12/03											2.01	
08/11/03		ND<500										
11/13/03		ND<5000										
02/17/04		ND<2500										
05/20/04		ND<500										
08/25/04		ND<250									0.25	
11/02/04		ND<500							6.71	-	2.60	
03/17/05		ND<500									0.60	
06/13/05		ND<500	~~								5.37	
09/27/05		ND<2500									0.76	
12/20/05		ND<250									0.93	
03/10/06		ND<1200									0.50	
06/20/06		ND<1200									.30	
09/25/06		ND<500									0.33	
12/18/06		ND<250									1.83	
03/29/07	<b></b> ·	ND<250									0.84	
06/26/07		ND<250									5.48	
09/26/07	ND<50	ND<1200			ND<2.5	ND<2.5	ND<2.5				0.93	
12/18/07		ND<1200									3.61	
											0.01	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292



							-					
Date Sampled	TBA (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)	l,2- Dichloro- benzene (μg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	
		(18-7	(16/1)	(#61)	(#5/1)	(#8/1)	(µg/1)	(µg/1)	(pr)	(mg/l)	(mg/l)	
<b>MW-1 c</b> 03/25/08	ontinued 	ND<1200									3.93	
06/18/08		ND<250									i.19	
09/15/08		ND<1200									1.34	
12/17/08		ND<500									0.71	
MW-2											0.71	
11/02/95											2.8	
02/08/96											2.21	
05/08/96										3.89		
08/09/96											3.36	
11/07/96										1.98	1.96	
02/10/97										2.12		
02/11/97										2.12		
05/07/97										2.38		
08/05/97										2.18		
11/04/97										2.18		
02/12/98											2.04	
05/15/98											2.33	
08/12/98											2.50	
11/12/98		-									1.90	
03/01/99	<del></del>										1.90	
05/12/99	-										1.82	
08/11/99											1.98 1.98	
11/04/99											1.98	
02/29/00												
05/08/00											2.41	
											2.14	

Page 3 of 24

**©**TRC

### Table 2 aADDITIONAL HISTORIC ANALYTICAL RESULTS76 Station 3292

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-2 co	ntinued							<u> </u>		(	(8)	
08/08/00											2.57	
11/06/00											1.94	
02/07/01											2.49	
05/09/01											2.66	
08/24/01											2.11	
11/16/01											2.34	
02/21/02											1.90	
05/10/02											0.80	
08/26/02											1.00	
11/07/02	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.13	
02/14/03											1.27	
05/12/03											2.18	
08/11/03		ND<500										
11/13/03		ND<500										
02/17/04		ND<500				<u>.</u>						
05/20/04		ND<50										
08/25/04		ND<50		~~							0.22	
11/02/04		ND<50							6.77		2.79	
03/17/05		ND<50									1.02	
06/13/05		ND<50									0.97	
09/27/05		ND<250					-				0.90	
12/20/05		ND<250									0.95	
03/10/06		ND<1200									0.55	
06/20/06		ND<250									.75	
09/25/06		ND<250								-	0.81	

Table 2
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292



					~ ~ ~	5 Station 5272	ſ					
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)	i,2- Dichloro- benzene (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	
MW-2 co	ntinued											
12/18/06		ND<250									1.13	
03/29/07		ND<250									1.89	
06/26/07		ND<250									5.30	
09/26/07	ND<10	ND<250			ND<0.50	ND<0.50	ND<0.50				1.61	
12/18/07		ND<250									4.39	
03/25/08		ND<250								<u></u>	4.03	
06/18/08	A0 10-	ND<250									1.24	
09/15/08		ND<250									1.12	
12/17/08		ND<250									1.06	
MW-2(SP)												
11/07/96										2.8	2.85	
02/10/97										2.73		
02/11/97										2.73		
08/05/97										3.99		
11/04/97										3.06		
02/12/98											3.11	
05/15/98											3.97	
08/12/98											3.62	
11/12/98											4.19	
03/01/99											4.56	
05/12/99											3.92	
08/11/99											4.19	
11/04/99											3.85	
02/29/00											3.21	
05/08/00	ND	ND	ND	ND	ND	ND	ND				3.96	
3292						Page 5 of 24					Ôte	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

MW-2(3P)         continued         continued <thcontinued< th=""> <thcontinued< th=""> <thco< 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>l,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></thco<></thcontinued<></thcontinued<>	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)	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	MW-2(SP)									<u>u</u> /	(	(&)	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$												3,55	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	11/06/00												
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	02/07/01												
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	05/09/01												
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	08/24/01												
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	11/16/01												
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	02/21/02												
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	05/10/02												
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	08/26/02												
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	11/07/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0					
05/12/03             2.62         05/20/04        ND<50	02/14/03												
05/20/04ND<500.61 $11/02/04$ ND<50	05/12/03						-						
11/02/04        ND<50	05/20/04		ND<50					-					
11/02/04        ND<50	08/25/04											0.61	
06/13/05        ND<50	11/02/04		ND<50							6.87			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	06/13/05		ND<50										
03/10/06             0.55         06/20/06        ND<250	12/20/05		ND<250					-					
06/20/06        ND<250	03/10/06												
09/25/06            0.71         12/18/06        ND<250	06/20/06		ND<250										
12/18/06 ND<250 5.15 03/29/07 5.15 0/26/07 1.12	09/25/06												
03/29/07 1.12	12/18/06		ND<250										
	03/29/07												
	06/26/07		ND<250									4.56	
12/18/07 ND<250 7.49	12/18/07		ND<250										
03/25/08 7.22	03/25/08												

3292

					•		-					
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-2(SP)	continued								<u> </u>			
06/18/08		ND<250									1.10	
09/15/08											1.61	
12/17/08		ND<250									1.11	
4W-3												
11/02/95											4.98	
02/08/96											2.78	
05/08/96										3.73		
08/09/96			·				-				3.29	
11/07/96										3.98	3.15	
02/10/97										3.59		
02/11/97										2.55		
08/05/97										2.86		
11/04/97										2.95		
02/12/98											3.12	
05/15/98											3.97	
08/12/98											4.21	
11/12/98											4.21	
03/01/99												
05/12/99											4.56	
08/11/99											3.87	
11/04/99											4.i	
08/25/04									-		4.41	
11/02/04											0.38	
06/13/05											3.82	
12/20/05											1.12	
											1.41	

Table 2   a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

-----



							-				
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)
MW-3 co	ntinued										
03/10/06					~ ~						0.59
06/20/06											.85
09/25/06											0.84
12/18/06											2.69
03/29/07											0.75
06/26/07											6.73
12/18/07							'				3.02
03/25/08											2.84
09/15/08											0.71
12/17/08											i.09
MW-3(SP)											
11/07/96										2.4	2.41
02/10/97										2.55	
08/05/97										3.74	
11/04/97										2.95	
02/12/98											3.17
05/15/98											4.06
08/12/98											3.98
11/12/98											3.39
03/01/99											3.08
05/12/99											2.77
08/11/99											2.84
11/04/99											2.84
											2.43
02/29/00											2 2 2

3292

Page 8 of 24

**CTRC** 

							-				
Date Sampled	TBA (µg/l)	Ethanoι (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)
MW-3(SP)	continued										
08/08/00											2.76
11/06/00		'									2.59
02/07/01											2.61
05/09/01											2.36
08/24/01					<b>~~</b>						1.98
11/16/01											2.29
02/21/02											2.1
05/10/02											0.6
08/26/02											0.8
11/07/02	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20				1.1
02/14/03											0.96
05/12/03											1.55
05/20/04		ND<50									
08/25/04											0.58
11/02/04		ND<50							6.85		3.82
06/13/05		ND<50									1.12
12/20/05		ND<250									0.90
03/10/06											0.46
06/20/06		ND<250									.56
09/25/06											0.54
12/18/06		ND<250									2.59
03/29/07											0.83
06/26/07		ND<250			<b></b>						4.05
12/18/07		ND<250									2.98
03/25/08											2.61

3292



**CTRC** 

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)	
<b>MW-3(SP)</b> 06/18/08	continued	ND<250									1.30	
09/15/08											0.70	
12/17/08		ND<500									0.89	
<b>MW-4</b> 11/02/95											7.91	
02/08/96			~~								2.66	
08/09/96											2.92	
11/07/96										4.38	4.32	
02/10/97										3.87		
05/07/97										5.12		
08/05/97										5.12		
02/12/98								<u>~</u> _			4.88	
05/15/98											5.13	
08/12/98											5.62	
11/12/98											5.76	
03/01/99											5.55	
05/12/99											5.64	
08/11/99										-	5.36	
11/04/99											4.95	
08/25/04											0.32	
12/20/05											1.08	
03/10/06											0.45	
06/20/06											1.23	
09/25/06											1.20	
12/18/06											2.30	

3292

Page 10 of 24

a produced



							-					
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)	l,2- Dichloro- benzene (μg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	
MW-4 co	ntinued											
03/29/07											1.61	
06/26/07											6.67	
12/18/07											19.37	
03/25/08											19.37	
09/15/08											1.35	
12/17/08											1.55	
											1.17	
MW-5												
11/02/95											2.3	
02/08/96											2.35	
05/08/96	-									1.29		
08/09/96			75 85								2.19	
11/07/96										1.82	1.84	
02/10/97										2.07		
08/05/97										2.36		
11/04/97										1.99		
02/12/98											1.79	
05/15/98	. <u></u>										1.66	
08/12/98											1.71	
11/12/98											1.81	
03/01/99											1.67	
05/12/99											1.07	
08/11/99												
11/04/99											1.83	
02/29/00						~=					1.77	
05/08/00											2.23	
05/06/00											2.58	

3292

Page 11 of 24

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)	
MW-5 co							(1-0-7	(1.9)	(1)	(8,-)	(116,1)	
08/08/00											2.19	
11/06/00											1.85	
02/07/01											2.36	
05/09/01											2.18	
08/24/01											i.28	
11/16/01											1.89	
02/21/02							· <b></b>	~~			1.45	
05/10/02											0.5	
08/26/02											0.6	
11/07/02	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.04	
02/14/03											1.41	
05/12/03											1.69	
11/13/03		ND<20000										
05/20/04		ND<2000										
08/25/04											0.27	
11/02/04		ND<2000							6.60	~~	~~	
06/13/05		ND<1000									2.32	
12/20/05		ND<12000									1.40	
03/10/06											0.43	
06/20/06		ND<6200									.53	
09/25/06											0.57	
12/18/06		ND<250						<b>ar</b>			3.03	
03/29/07											2.77	
06/26/07		ND<250									4.70	
12/18/07		ND<1200									2.99	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

**CTRC** 

					-		-					
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)	1,2- Dichloro- benzene (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	
MW-5 cc	ontinued											
03/25/08											2.76	
06/18/08		ND<2500									.96	
09/15/08											1.22	
12/17/08		ND<2500									0.90	
MW-6											0130	
11/02/95											4.55	
02/08/96											4.55	
05/08/96										3.4	3.77	
08/09/96												
11/07/96											3.53	
02/10/97										4.06	3.99	
08/05/97										3.85		
11/04/97										5.37		
02/12/98		·	~~							3.67		
05/15/98											4.05	
03/13/98											5.28	
11/12/98											4.96	
											5.36	
03/01/99											4.97	
05/12/99											5.47	
08/11/99											5.19	
11/04/99											5.38	
08/25/04											0.43	
12/20/05											1.16	
03/10/06		<u> </u>									2.78	
06/20/06											2.69	

Table 2   a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

Page 13 of 24

							-					
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-6 cc	ontinued											
09/25/06											2.64	
12/18/06											3.01	
03/29/07											2.41	
06/26/07											8.90	
12/18/07										·	4.51	
03/25/08						·					3.98	
09/15/08											1.26	
12/17/08											1.08	
3.4337.M												
<b>MW-7</b> 02/08/96											2 (7	
05/08/96											2.67	
08/09/96										2.20		
11/07/96											2.37	
02/11/97										2.28	2.22	
08/05/97										2.33		
11/04/97										2.69		
02/12/98										2.82		
02/12/98											3.24	
03/13/98											2.95	
11/12/98				~~							3.19	
											2.04	
03/01/99											2.64	
05/12/99											3.05	
08/11/99											2.69	
11/04/99											2.47	
02/29/00											2.31	

# Table 2 aADDITIONAL HISTORIC ANALYTICAL RESULTS76 Station 3292

3292

Page 14 of 24



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)	
<b>MW-7 co</b> 05/08/00	ontinued 								<b>R</b> .		2.16	
08/08/00											1.88	
11/06/00								, 			1.96	
02/07/01											2.08	
05/09/01												
08/24/01											1.81	
11/16/01									-		1.53	
02/21/02											1.92	
02/21/02								<b>T B</b>			1.79	
											0.7	
08/26/02											0.8	
11/07/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0				1.26	
02/14/03											1.16	
05/12/03											1.84	
11/13/03		ND<10000		<u> </u>	<b></b>							
05/20/04		ND<1000										
08/25/04											0.49	
11/02/04		ND<1000							6.73		2.84	
06/13/05		ND<500									3.73	
12/20/05		ND<250									1.20	
03/10/06											0.41	
06/20/06		ND<1200									.61	
09/25/06							-				0.63	
12/18/06		ND<250									3.03	
03/29/07											2.63	
06/26/07		ND<250									6.81	

Page 15 of 24

**©**TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

					•		-					
Date Sampled	TBA (µg/l)	Ethanol (8260В) (µg/l)	Ethylene- dibromide (EDB) (μg/l)	1,2-DCA (EDC) (μg/l)	DIPE (µg/l)	ETBE	TAME	1,2- Dichloro- benzene	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	
		(µg/1)	(µg/I)	(µg/1)	(µg/1)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	
<b>MW-7 co</b> 12/18/07	ontinued	ND<1200									4.75	
03/25/08											5.02	
06/18/08		ND<1200									1.25	
09/15/08			_ <u>_</u>								0.67	
12/17/08		ND<2500					~~				0.79	
MW-8												
02/08/96											3.85	
05/08/96										2.09		
08/09/96											2.56	
11/07/96										i.84	1.67	
02/10/97										2.1		
08/05/97										3.04		
11/04/97										2.11		
02/12/98											1.98	
05/15/98											2.44	
08/12/98				·							2.83	
11/12/98								~~			3.16	
03/01/99											2.81	
05/12/99											2,74	
08/11/9 <b>9</b>											3.04	
11/04/99											3.41	
02/29/00											3.77	
05/08/00											3.97	
08/08/00											3.59	
11/06/00											3.71	

# Table 2 aADDITIONAL HISTORIC ANALYTICAL RESULTS76 Station 3292

3292

Page 16 of 24



Date Sampled	TBA (µg/l)	Ethanoi (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 co	ontinued									<u>`````````````````````````````````</u>	
02/07/01		<b></b>									3.19
05/09/01											3.59
08/24/01											2.67
11/16/01											2.64
02/21/02											2.88
05/10/02			·								0.7
08/26/02											1
11/07/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0				1.74
02/14/03											1.88
05/12/03											2.16
06/13/05		ND<50									2.28
12/20/05		ND<250									i.15
03/10/06											0.47
06/20/06		ND<250									5.54
09/25/06		·							· 		3.62
12/18/06		ND<250									2.72
03/29/07											0.76
06/26/07		ND<250									6.07
12/18/07		ND<250									4.75
03/25/08											4.41
06/18/08		ND<250		-							1.13
09/15/08											0.69
12/17/08		ND<250									0.70
. <b>W-9</b> 02/08/96	-										3.62
92						 age 17 of 24					

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

**CTRC** 

							-					
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)	l,2- Dichloro- benzene (μg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	
MW-9 co	ontinued		-									
05/08/96										2.2		
08/09/96											2.51	
11/07/96										2.02	2.06	
02/10/97										1.96		
08/05/97										2.57		
11/04/97										2.6	~~	
02/12/98											2.27	
05/15/98											2.62	
08/12/98											1.9	
11/12/98											1.38	
03/01/99											1.78	
05/12/99											2.26	
08/11/99											2.42	
11/04/99											2.71	
02/29/00											3.05	
05/08/00											3.77	
08/08/00											3.39	
11/06/00											4.06	
02/07/01											3.46	
05/09/01											4.33	
08/24/01											2.36	
11/16/01											2.48	
02/21/02											2.8	
05/10/02											0.6	
08/26/02											0.8	

Table 2   a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292



					<i>,</i> (	/ Station SE/2	r					
Date Sampled	TBA	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	
	(µg/l)	(µg/l)	(µg/l)	(μg/l)	(μg/l)	(µg/l)	(μg/l)	(μg/l)	(pH)	(mg/l)	(mg/l)	
MW-9 co	ontinued			(1-8-7	(1-0-7	(1-0)	(10-1)	(18-7)	(p11)	(119,1)	(ing/1)	
11/07/02	ND<100		ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0				1.32	
02/14/03											2.17	
05/12/03											1.94	
08/11/03		ND<500										
11/13/03		ND<500										
02/17/04		ND<500										
05/20/04		ND<50										
08/25/04		ND<50									0.52	
11/02/04		ND<50							6.77		2.54	
03/17/05		ND<50									0.78	
06/13/05	·	ND<50									7.04	
09/27/05		ND<250									i.44	
12/20/05		ND<250									1.40	
03/10/06		ND<250									0.63	
06/20/06		ND<250	·								5.54	
09/25/06		ND<250									5.38	
12/18/06		ND<250									3.01	
03/29/07		ND<250									3.35	
06/26/07		ND<250									5.10	
09/26/07	ND<10	ND<250			ND<0.50	ND<0.50	ND<0.50				1.38	
12/18/07		ND<250									4.28	
03/25/08		ND<250									3.87	
06/18/08		ND<250			~-						0.63	
09/15/08		ND<250									5.08	
12/17/08		ND<250									1.22	

Table 2 aADDITIONAL HISTORIC ANALYTICAL RESULTS76 Station 3292

3292



					/	5 Station 527	-				
Date Sampled	TBA (µg/l)	Ethanol (8260 <b>Β)</b> (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											
11/02/95											3.96
02/08/96											2.88
05/08/96					~~					2.71	
08/09/96											2.63
11/07/96										1.84	1.81
02/10/97										2.03	
08/05/97										2.78	
11/04/97					<b>1</b> -10					2.11	
02/12/98											2.63
05/15/98	<u> </u>										2.24
08/12/98											2.43
11/12/98		. <b></b>									2.66
03/01/99											3.11
05/12/99											2.77
08/11/99						<b>**</b> *					3.21
11/04/99											3.12
02/29/00											2.97
05/08/00											2.63
08/08/00											2.73
11/06/00											3.1
02/07/01										<b>-</b>	3.05
05/09/01								-			3.38
08/24/01											1.74
11/16/01											2.27
02/21/02											2.07

Table 2   a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

Page 20 of 24

11

**©TRC** 

						5 Station 5292	1					
Date Sampled	TBA	Ethanol	Ethylene- dibromide	I,2-DCA	DIDE			1,2- Dichloro-	pH	Post-purge Dissolved	Pre-purge Dissolved	
		(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)	
	continued											
05/10/02											0.6	
08/26/02											0.9	
11/07/02	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	~~			0.97	
02/14/03											1.36	
05/12/03											1.84	
08/11/03		ND<500										
11/13/03		ND<25000						~~				
02/17/04		ND<2500										
05/20/04		ND<250										
08/25/04		ND<250									0.57	
11/02/04		ND<250							7.08		2.44	
03/17/05		ND<250									0.53	
06/13/05		ND<250		-							1.38	
09/27/05		ND<2500									1.85	
12/20/05		ND<250								·	1.20	
03/10/06		ND<250									0.52	
06/20/06		ND<1200									.72	
09/25/06		ND<500									0.81	
12/18/06		ND<250									2.31	
03/29/07		ND<250				·					0.83	
06/26/07		ND<250									6.20	
09/26/07	ND<20	ND<500			ND<1.0	ND<1.0	ND<1.0				1.38	
12/18/07		ND<250									5.75	
03/25/08		ND<1200									6.17	
06/18/08		ND<500	·								1.60	
											1.00	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

Page 21 of 24



							-					
Date Sampled	TBA (µg/l)	Ethanoi (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	continued	·										
09/15/08		ND<250									1.24	
12/17/08		ND<2500									0.87	
MW-11												
11/02/95											3.55	
02/08/96											2.19	
05/08/96										2.06		
08/09/96											2.11	
11/07/96										2.36	2.35	
02/10/97										2.18		
08/05/97										3.19		
11/04/97										2.01		
02/12/98											2.44	
05/15/98											1.8	
08/12/98											2.05	
11/12/98											1.67	
03/01/99									~~		2.03	
05/12/99											2.14	
08/11/99											2.66	
11/04/99											2.6	
02/29/00											2.47	
05/08/00											2.47	
08/08/00					75						2.7	
11/06/00						-					3.16	
02/07/01											2.56	
05/09/01											2.30	
											2.04	

Table 2   a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 3292

3292

Page 22 of 24

**©TRC** 

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)	
<b>MW-11</b> 08/24/01	continued ND<500	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10					
08/29/01	ND<500	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10				2.4	
11/16/01											2.17	
02/21/02											2.72	
05/10/02	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0		-		0.5	
08/26/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0				0.7	
11/07/02	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.17	
02/14/03											1.08	
05/12/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10				1.48	
08/11/03	ND<500	ND<2500	ND<10		ND<10	ND<10	ND<10	ND<10				
11/13/03		ND<2500										
02/17/04	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10					
05/20/04	ND<25	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5					
08/25/04	18	ND<100	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5				0.55	
11/02/04		ND<100		~~					7.08		3.0	
03/17/05	13	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0				0.58	
06/13/05	15	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50				6.78	
09/27/05		ND<250									1.40	
12/20/05	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50				1.46	
03/10/06	ND<50	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5				0.45	
06/20/06	ND<50	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5				.85	
09/25/06		ND<250									0.72	
12/18/06		ND<250									1.08	
03/29/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50				1.59	
06/26/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50				5.51	

# Table 2 aADDITIONAL HISTORIC ANALYTICAL RESULTS76 Station 3292

3292

Page 23 of 24

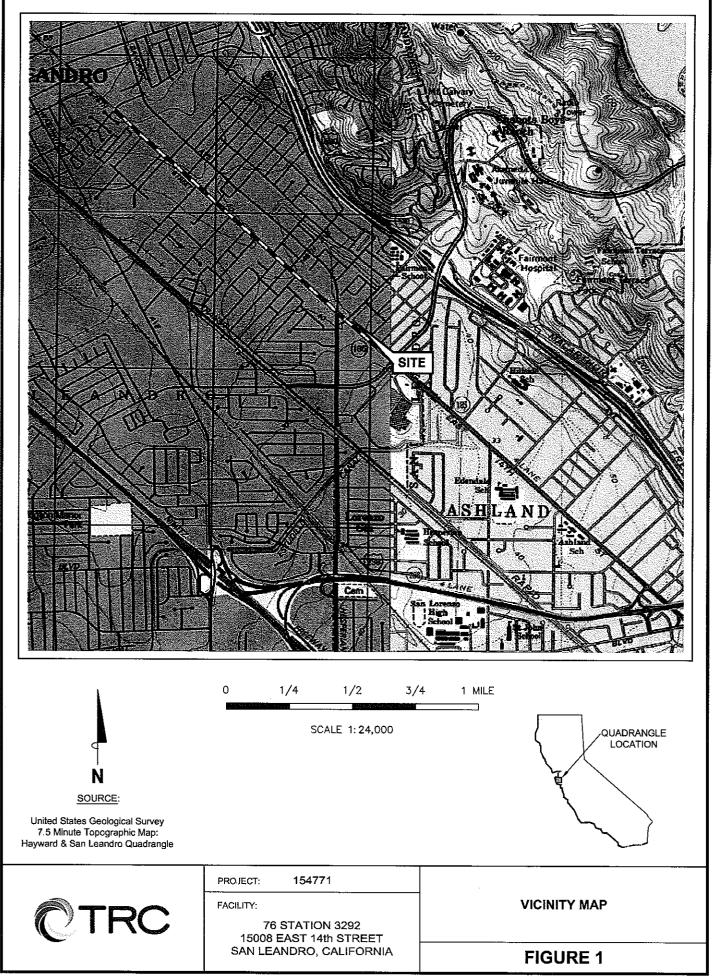
**CTRC** 

Date Sampled	TBA (µg/l)	EthanoI (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										
09/26/07	ND<10	ND<250			ND<0.50	ND<0.50	ND<0.50				1.58
12/18/07		ND<250			<b>**</b> **						4.15
03/25/08		ND<250									3.82
06/18/08		ND<250									1.00
09/15/08		ND<250									4.90
12/17/08		ND<250									1.36

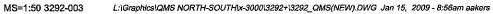
# Table 2 aADDITIONAL HISTORIC ANALYTICAL RESULTS76 Station 3292

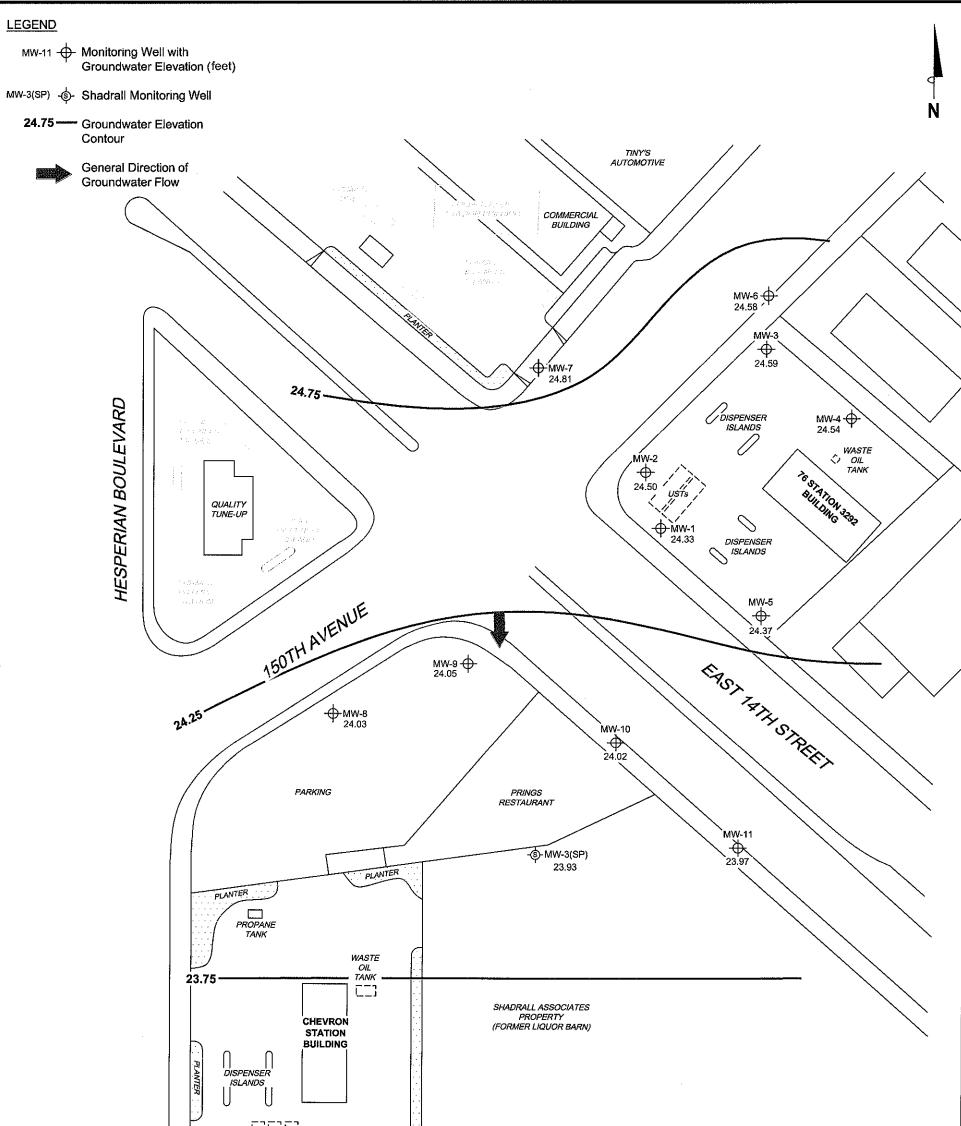
**©**TRC

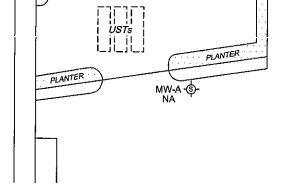
## FIGURES



PS=1:1 L:\QMS V I C I N I T Y M A P S\3292VM.DWG Oct 14, 2008 - 9:04om bschmidt





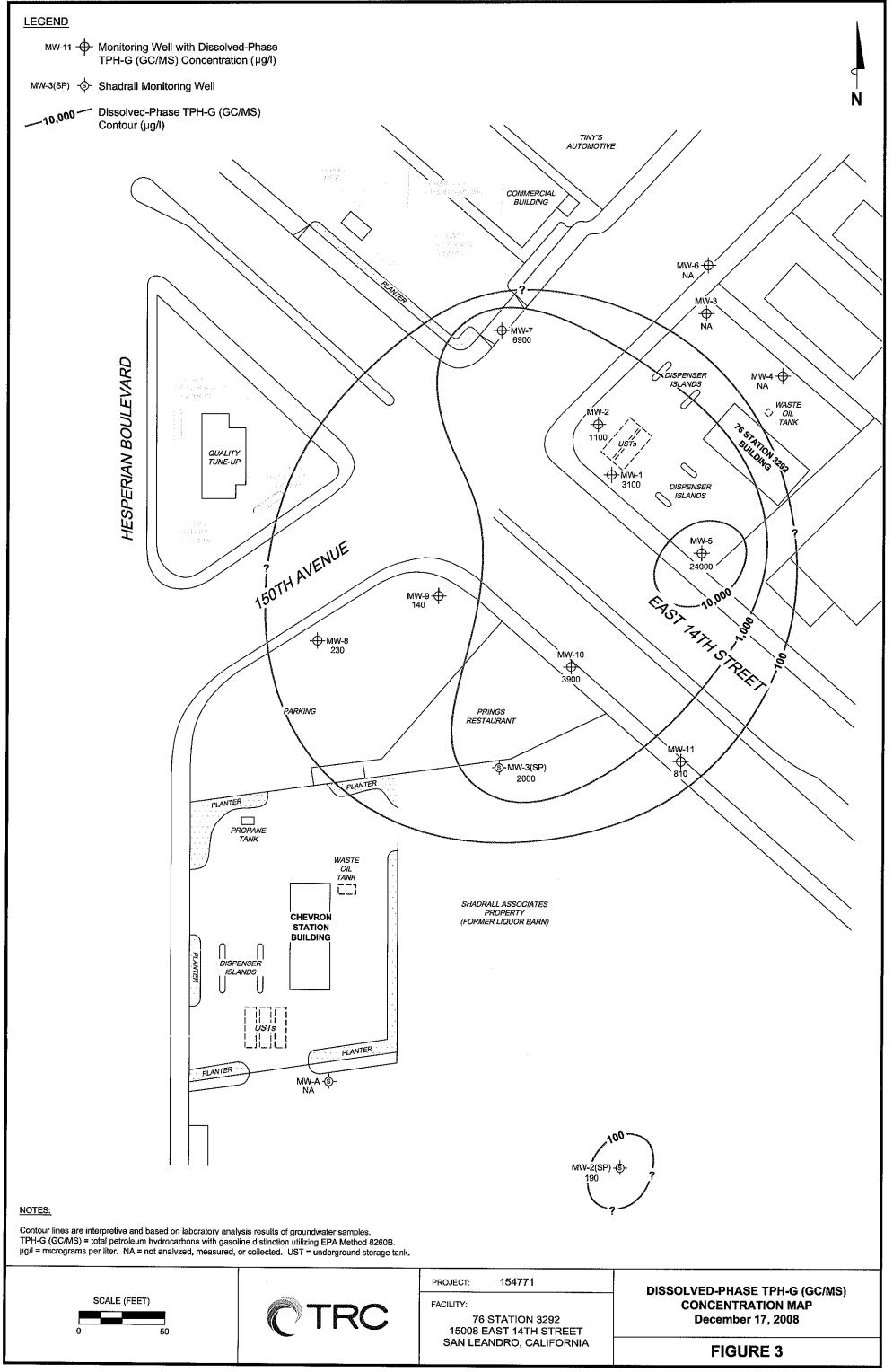


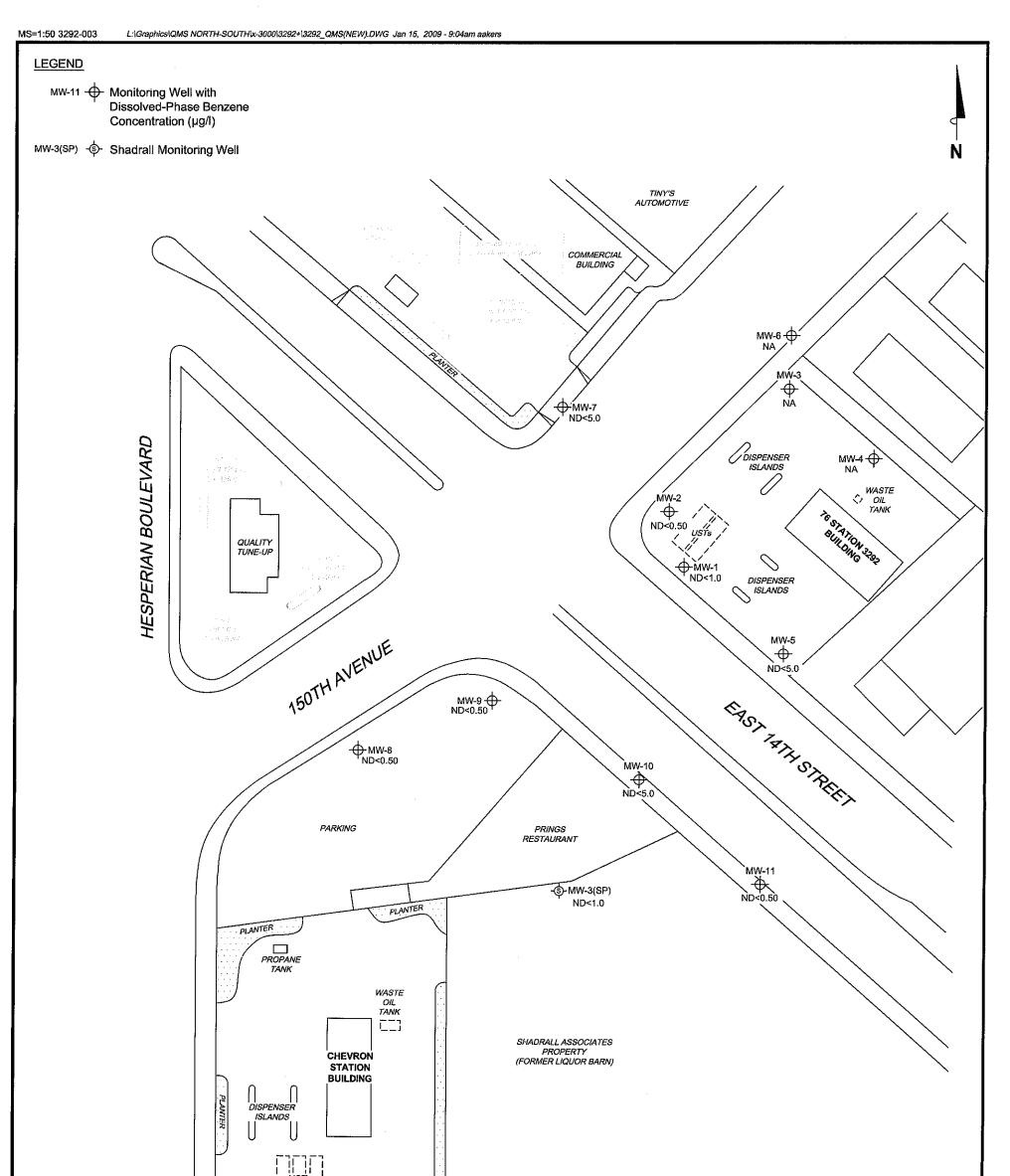


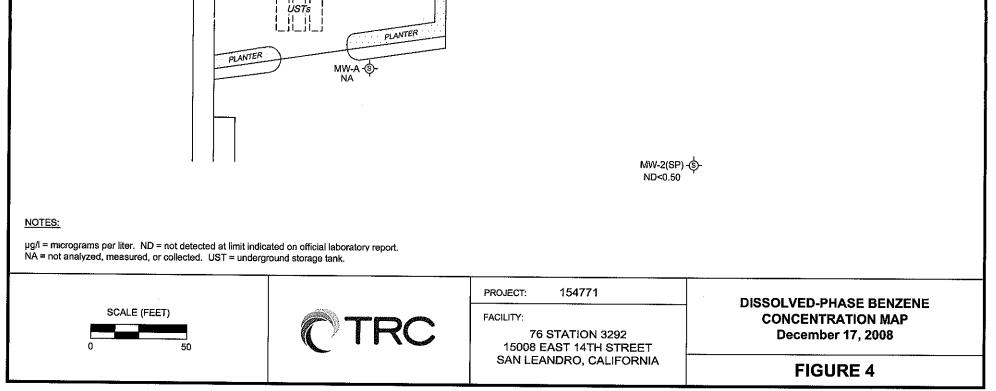
#### NOTES:

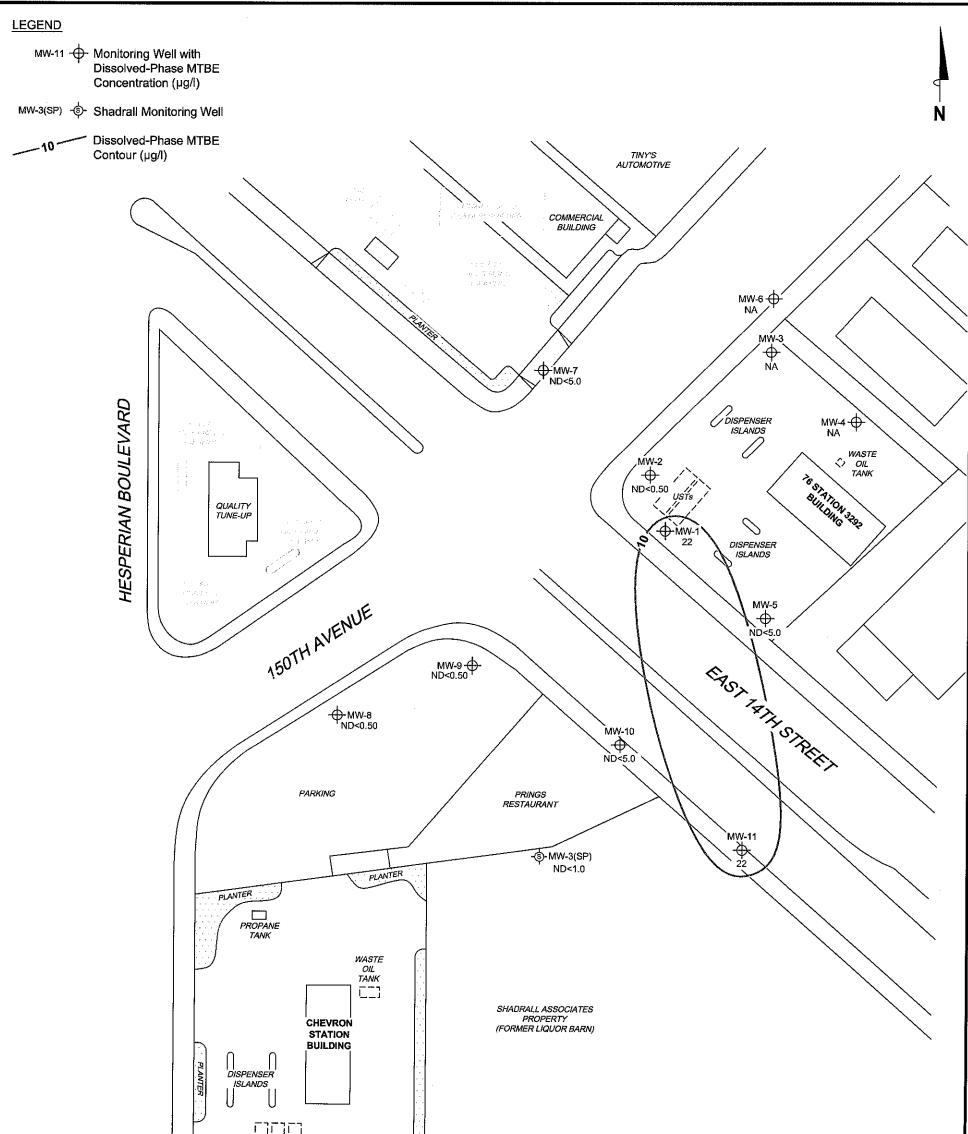
Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected. UST = underground storage tank.

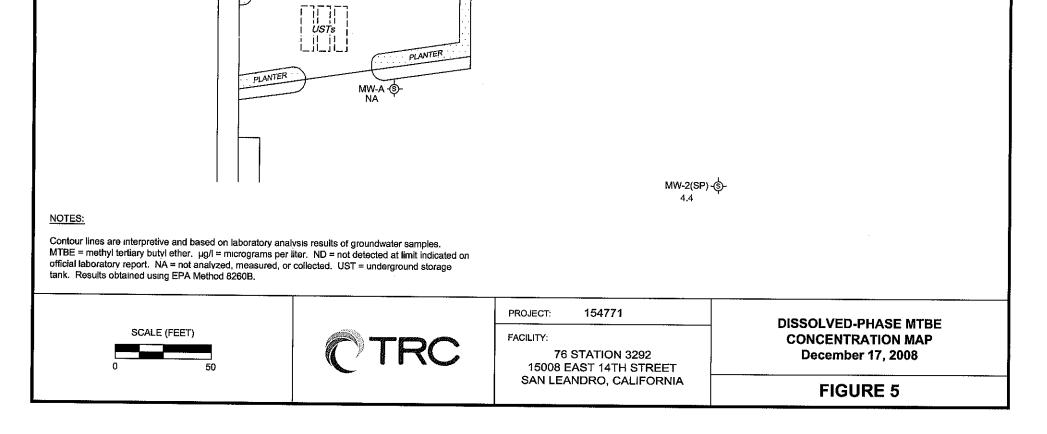
		PROJECT: 154771	GROUNDWATER ELEVATION
SCALE (FEET)	<b>CTRC</b>	FACILITY: 76 STATION 3292 15008 EAST 14TH STREET	CONTOUR MAP December 17, 2008
		SAN LEANDRO, CALIFORNIA	FIGURE 2





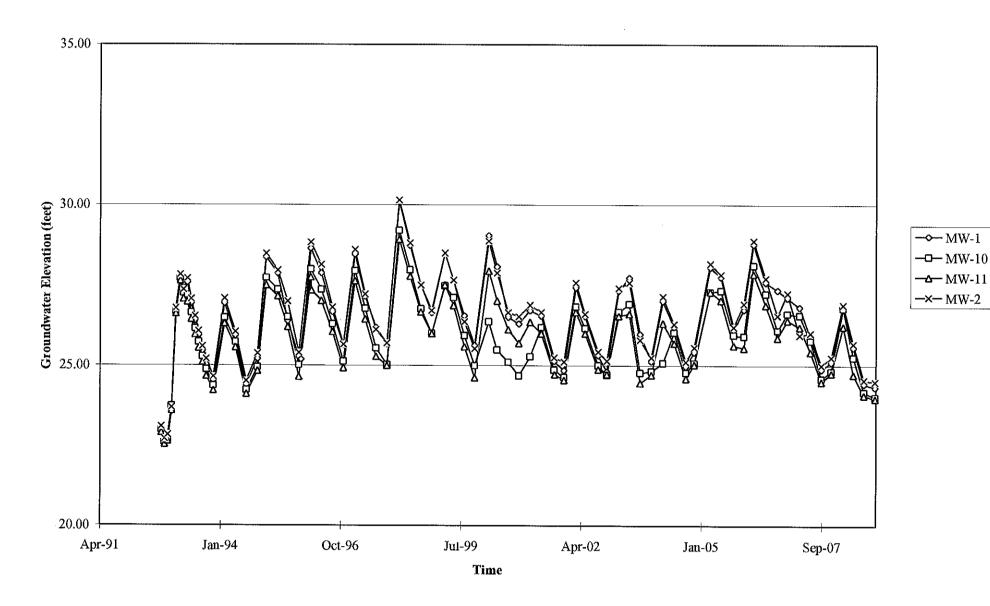




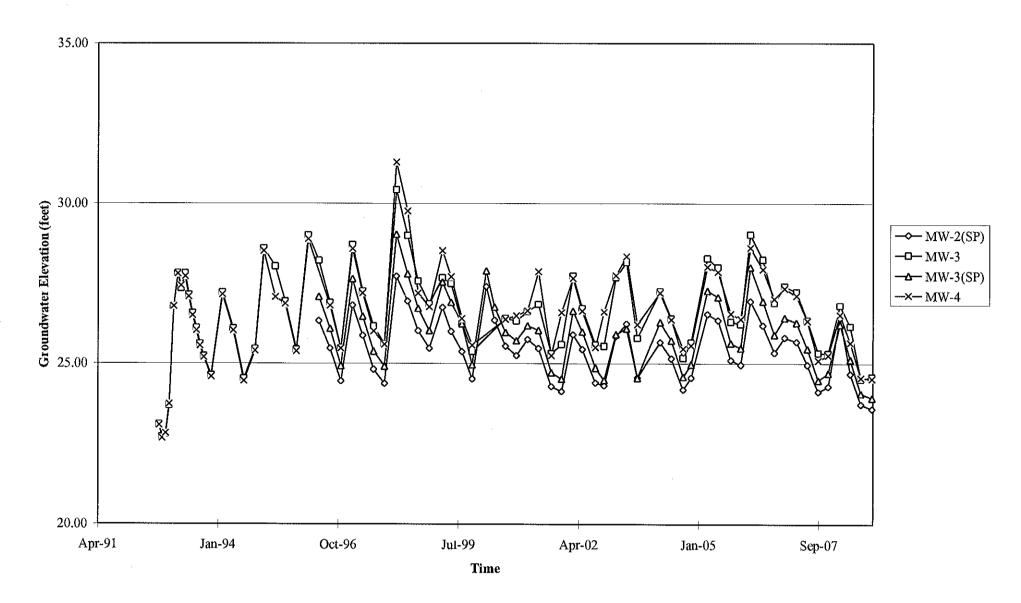


# GRAPHS

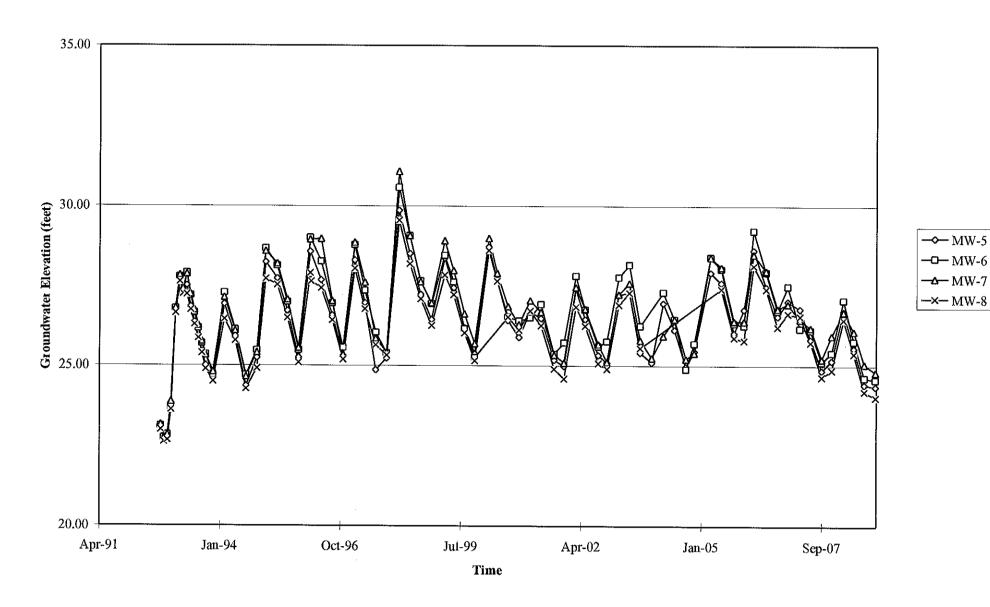
;



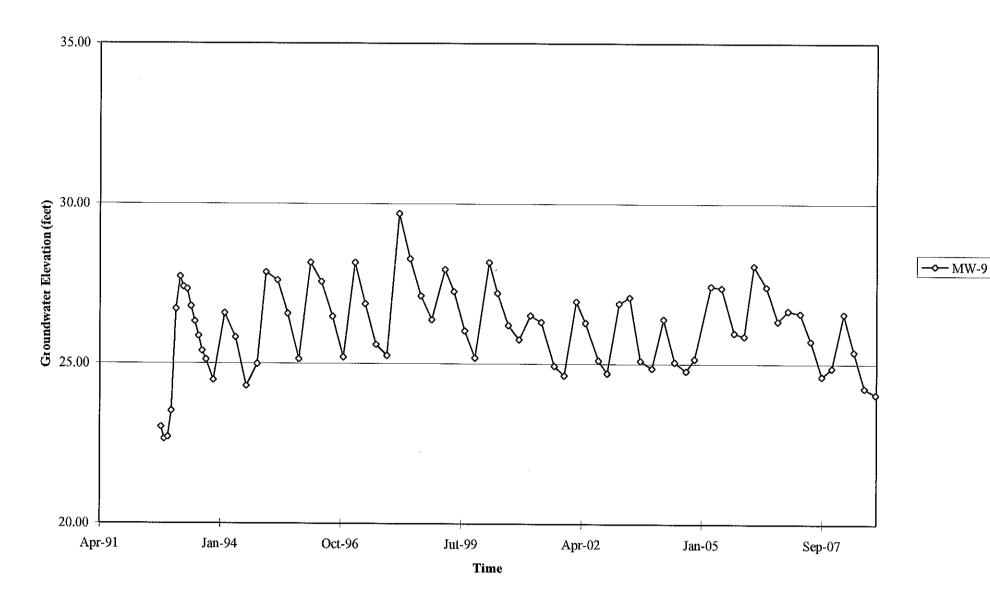
Elevations may have been corrected for apparent changes due to resurvey



Elevations may have been corrected for apparent changes due to resurvey

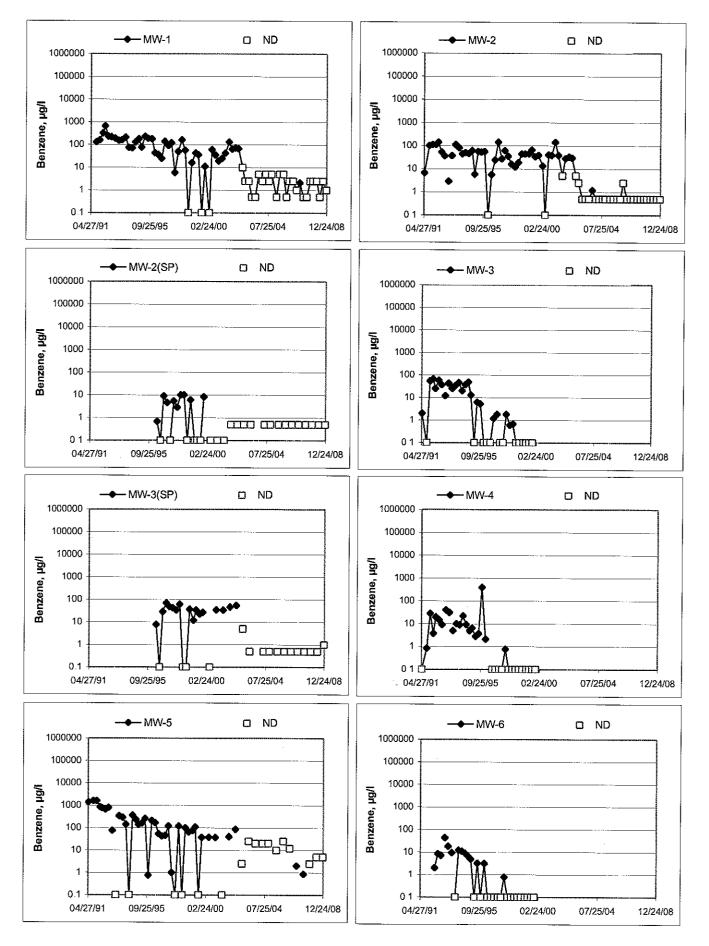


Elevations may have been corrected for apparent changes due to resurvey

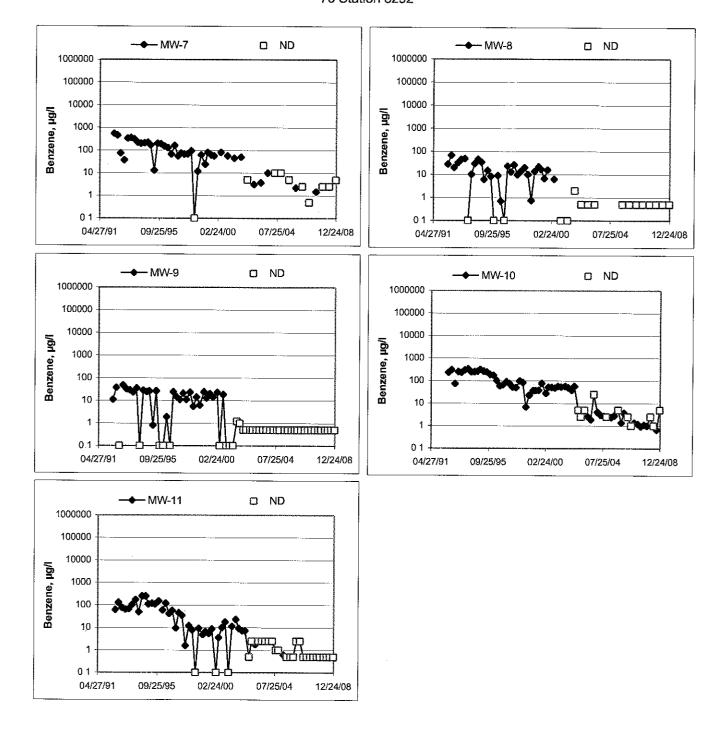


Elevations may have been corrected for apparent changes due to resurvey

#### 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, TRC 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 TSR 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 ISR 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 TSR. 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 TSR, samples are taken from the sample ports of actively pumping remediation wells.

#### Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

#### Decontamination

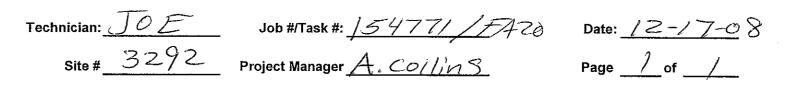
In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging, and sampling activities. Gloves are changed between wells 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

3/7/08 version

## FIELD MONITORING DATA SHEET



		<b>T</b>	<b>T</b> . 4 . 3	Depth	Depth	Product		
Well #	тос	Time Gauged	Total Depth	to Water	to Product	Thickness (feet)	Time Sampled	Misc. Well Notes
MW-6	X	0637	20.09	11.10	**		NS	Z" MONITON ONLY
MW-4	X	0655	19,58	12,50			NS	2" MONITOR ONLY
MW-3	X	0710	22.08	11.83			NS	2" Monitor only
MW-2	X	0721	19.05	11.30	<b></b>		1041	2"
MW-5	X			11,55	¢	. منصوب <del>ین م</del> رجو <sub>-</sub>	1123	Z''
MW-7	$\times$	0803	21.16	11.25			1207	2″
MW-9	X	0823	19.04	12,22	·		1237	211
MW-8	X	0832	18,96	12.84			1255	2″
MW-35P	X		20.50				1316	2"
MW-25P	X	0904	20.76	11.85	en		1335	211
MW-1	X	0920	18.92	12.01			1103	21'
MW-11				11,53		~	1359	2″
MW-10	X	0947	19.83	12.00	$\sim$		1422	2"
		х. 						
	$\Lambda$							
FIELD DATA	COMPLE	ETE	QAIQC		coc	WE	ELL BOX CO	ONDITION SHEETS
MANIFEST		DRUM IN	VENTOR	(	TRAFFIC C	ONTROL		
	<u></u>	/						

Purge Method:

Technician: JoE

Site:	3	2	9	2

Project No : 154771

Date: 12-17-08

Well No. MW-2

Depth to Water (feet): \_\_\_\_\_ 19.05 Total Depth (feet) Water Column (feet): 7, 25 80% Recharge Depth(feet): 13, 25 Depth to Product (feet):\_ LPH & Water Recovered (gallons): Casing Diameter (Inches): 2''1 Well Volume (gallons):

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature	pН	D.O. (mg/L)	ORP	Turbidity
pre	purge					·	1.06	White and the second second second second second second second second second second second second second second	
1033	1		2	723,5	16:6	7.83			
			4	725.7	17.8	7.55			
	1034		6	724,8	18,2	7.33			
Stat	ic at Time Sa	ampled	Tota	l al Gallons Pur	ged	1	Sample	I Time	I
1	1.83		6				1041		
Comments	;;;		. <u></u>						

MW-5Well No. Depth to Water (feet): 11.55 Total Depth (feet)\_\_\_\_ 22.09 Water Column (feet): 10.53 80% Recharge Depth(feet): 13, 65

ΝΙΤΑ Purge Method:\_\_\_

Depth to Product (feet):

LPH & Water Recovered (gallons):\_\_\_\_\_

Casing Diameter (Inches): <u>Z</u><sup>#</sup> 1 Well Volume (gallons): 2

Start	Stop	Water (feet)	Purged (gallons)	tivity (uS/cm)		рН	(mg/L)	ORP	Turbidity
pre	purge	**************************************		No. of Street St	We wanted and the state of the		0,90		
1114			2	8651	16.8	7.55			
<b>j</b>			4	\$60.8	18.4	7.02			
	1115		6	359.8	18,3	6.85			
					<u> </u>			<u> </u>	
Sta	tic at Time S	ampled	Tota	al Gallons Pu	rged		Sample	Time	
	11.79		6				1/23		
Comment	s:								



Technician: JOE

Site: 3	2	9	2
---------	---	---	---

Project No : 154771

Date: 12-17-08

Well No.\_\_\_\_ MW-7

Depth to Water (feet): 11, 25 21.16 Total Depth (feet)\_\_\_\_ 9.91 Water Column (feet): 80% Recharge Depth(feet): 13.23

Purge Method:\_\_\_\_\_HB Depth to Product (feet): LPH & Water Recovered (gallons): Casing Diameter (Inches): 2" 1 Well Volume (gallons):

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	Pinse				services dynamic party -		0,79	,		
1149	1		2	7013	20,7	7,50				
++++-			4	675,0	21.1	7,23				
	1157		6	660.7	21.2	7.11		1		
Static at Time Sampled		ampled	Tota	al Gallons Pu	rged	Sample Time				
	13,23		6				120	7		
Comment										

Well No. <u>MW-9</u> Depth to Water (feet): <u>12, 22</u> Total Depth (feet) 19.04 Water Column (feet): 6.82 80% Recharge Depth(feet): 13.58

Depth to Product (feet):

LPH & Water Recovered (gallons):

Casing Diameter (Inches): Z<sup>#</sup> 1 Well Volume (gallons):

Conduc-Depth to Volume Temperature D.O. Time Time Water рH ORP Turbidity Purged tivity ( F (mg/L) /Ĉ Stop Start (uS/cm) (feet) (gallons) 122 Purge Pre 226 7.96 2 9*39,*3 7. 8.06 8.10 4 , Z 19.2 1230 (n Sample Time Static at Time Sampled **Total Gallons Purged** 237 12,42 6 Volume recharges quickly Comments: DIV AT Each weit



Technician: JoE

Site:	3	2	9	2

Project No : 154771

Date: 12-17-08

Well No. <u>M</u>W-8

Depth to Water (feet): 12.84 Total Depth (feet) \_\_\_\_ / 4.96 Water Column (feet): 6,12 80% Recharge Depth(feet): 14,06 Purge Method: DIADepth 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 (FC)	рН	D.O. (mg/L)	ORP	Turbidity
Pre	Purge						0,70		
1247	ļ		2	899.9	20,3	7.70			
			4	402,3	20,4	7.48			
	1248		6	904,3	20:3	7.35			
Stat	ic at Time Sa	ampled	Tota	l al Gallons Pu	ged		Sample	I Time	<u> </u>
	12.85	, <b></b>	6			12:	55		
Comments	;;								

Well No. MW-3SP Depth to Water (feet): \_\_\_\_\_\_9 Total Depth (feet) 20,50 Water Column (feet): 8.6/ 80% Recharge Depth(feet): 13.61

Purge Method:

Depth to Product (feet):

LPH & Water Recovered (gallons):

DIA

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

Time Start	Timė Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature (F,C)	pН	D.O. (mg/L)	ORP	Turbidity
Pre	PURGE		·				0,34		
1307	······		2	928.5	19.8	7.61			
			4	916.3	20,9	7.19			
	1308	· · · · · · · · · · · · · · · · · · ·	6	919.7	21.4	7.04			
Stat	ic at Time Sa	ampled	Tota	i al Gallons Pur	ged	1	Sample	I Time	
	11.91		6				1316	>	
Comments	;						,		
						······································			



Technician: JOE

Site: 3292

Project No : 15477/

Well No. MW-2SP

Purge Method:\_\_\_\_\_\_

Depth to Water (feet): 11,85 20.76 Total Depth (feet) Water Column (feet): 9.91 80% Recharge Depth(feet): 13.63

Depth to Product (feet): LPH & Water Recovered (gallons): Casing Diameter (Inches): 2" 1 Well Volume (gallons): 2

Date: 12-17-08

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature (FC)	рН	D.O (mg/L)	ORP	Turbidity
pre	Purge	<u></u>					1.11		
1326			2	1000	20.5	7.28			
			4	1007	20:5	7.08			
<u>.</u>	327		6	1009	20.5	7.00			
Stat	ic at Time Sa	ampled	Tota	l al Gallons Pu	rged		Sample	I Time	ł
	11.85		6				1330	5	
Comments		·····	<u> </u>					<u></u>	

Well No. MW-/ Depth to Water (feet): 12.01 18,92 Total Depth (feet)\_\_\_ Water Column (feet): \_\_\_\_\_\_ 80% Recharge Depth(feet): 3,39

Purge Method: DTA-HB
----------------------

Depth to Product (feet):\_\_\_\_\_

LPH & Water Recovered (gallons):

Casing Diameter (Inches): 2''1 Well Volume (gallons):\_\_\_\_

Depth to Volume Conduc-Time Temperature D.O. Time pН ORP Turbidity Water Purged tivity (mg/L) (F (C)) Start Stop (feet) (gallons) (uS/cm) Pre\_ 0.71 Purge 2 794.1 86 7.47 1050 741.2 7.3 7.17 7.09 1058 780.0 Static at Time Sampled **Total Gallons Purged** Sample Time 12.24 6 1103 Comments:



Technician:

JOE

Project No: 15477/

Date: 12-17-08

Depth to Water (feet)://,53Total Depth (feet)/8,92Water Column (feet):7,3980% Recharge Depth(feet):13,00

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature	рН	DO (mg/L)	ORP	Turbidity
pre	purge						1.36		
1346	1		2	881.3	19.9	7.80			
			4	874.2	19.6	7,86			
	1348		6	878.4	19.4	7.88			
Stat	tic at Time Sa	impled	Tota	l al Gallons Pu	rged		I Sample	i Time	<b></b>
ĺ	1.98		6				/35	59	
Comments	Dry A	T Each		101ume	Recharge	s qu	richiy	/	

Well No. MW-10

Depth to Water (feet): 12,00

Total Depth (feet) 19-83

Water Column (feet): 7.43

80% Recharge Depth(feet): 13,56

Purge Method: \_\_\_\_\_\_\_

Depth to Product (feet):

LPH & Water Recovered (gallons):

Casing Diameter (Inches): <u>2</u>

1 Well Volume (gallons): 2

Time Start	Timé Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature (F, E)	pН	D.O. (mg/L)	ORP	Turbidity
pre	purse						0,87		
1411	1		2	899.1	17,7	8,00			
			4	909,8	16.9	7.70			
	1412		6	403.5	17.1	7.65			
				_					
Stat	ic at Time Sa	ampled	Tota	al Gallons Pu	rged		Sample	Time	
	12.01	,	6			10	122		
Comments									
		-		_					

### FIELD MEASUREMENTS

Site ID: <u>3292</u> Technician: <u>JoE 2</u> Date: <u>12-17-08</u>

Well ID	рН	Cond	Temp.	DO	ORP	Turbidity		
	units	us/cm	deg.C	mg/l	mv	ntu		
MW-6				1.08				
MW-6 MW-4 MW-3				1.08				
MW-3				1.09				
•		1				-		
								<u> </u>
				· · ·				
								·
<b>.</b> .	1						<u> </u>	
	·			-				
		<u> </u>						
			<b>_</b>					
				{				
				1	·			<b> </b>
						· · · · · · · · · · · · · · · · · · ·		
			1					
	······································				··			
			· · · · · · · · · · · · · · · · · · ·					
	<u>_l</u>	<u> </u>	L					

(CTRC



Date of Report: 12/30/2008

Anju Farfan

TRC

21 Technology Drive Irvine, CA 92618

RE:	3292
BC Work Order:	0816782
Invoice ID:	B055138

Enclosed are the results of analyses for samples received by the laboratory on 12/19/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

i mayers

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 Laboratores, 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 1 of 18



#### TRC 21 Technology Drive

Irvine, CA 92618

Project: 3292 Project Number: Inonei

Reported: 12/30/2008 8:26

Project Manager: Anju Fartan

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	00			
0816782-01	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-2 Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 10:41  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-2 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0816782-02	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-5 Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 11:23  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-5 Matrix: W Sample QC Type (SACode): CS Cooler ID;
0816782-03	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-7 Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 12:07  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-7 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0816782-04	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-9 Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 12:37  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-9 Matrix: W Sample QC Type (SACode): CS Cooler ID:

Page 2 of 18



TRC 21 Technology Drive

Irvine, CA 92618

Project: 3292

Reported: 12/30/2008 8:26

Project Number: Inonel Project Manager: Anju Farfan

- Toleocimanagel: Anju Panan

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on			
0816782-05	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-8 Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 12:55  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-8 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0816782-06	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-3SP Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 13:16  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-3SP Matrix: W Sample QC Type (SACode): CS Cooler ID:
0816782-07	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-2SP Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 13:35  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-2SP Matrix: W Sample QC Type (SACode): CS Cooler ID:
0816782-08	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-1 Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 11:03  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-1 Matrix: W Sample QC Type (SACode): CS Cooler ID;

Laboratories, Inc.	
Environmental Testing Laboratory Since 1949	

 TRC
 Project:
 3292
 Reported:
 12/30/2008
 8:26

 21 Technology Drive
 Project Number:
 Inonel

 Irvine, CA 92618
 Project Manager:
 Anju Farfan

# Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informatio	9n			
0816782-09	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-11 Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 13:59  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-11 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0816782-10	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 3292  MW-10 Joe L. of TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/19/2008 21:56 12/17/2008 14:22  Water	Delivery Work Order: Global ID: T0600101450 Location ID (FieldPoint): MW-10 Matrix: W Sample QC Type (SACode): CS Cooler ID:

Page 4 of 18



21 Technology Drive

Irvine, CA 92618

Project: 3292

Reported: 12/30/2008 8:26

Project Number: Inonei Project Manager: Anju Farfan

# Volatile Organic Analysis (EPA Method 8260)

		e Name:	3292, MW-2,	12/17/2	2008 10:41:0	)0AM, Joe L	•						
	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
	ND	ug/L	0.50		EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	i	BRL1692	ND	- dualo
	ND	ug/L	0.50		EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	1	BRL1692	ND	
	ND	ug/L	0.50		EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	1	BRL1692	ND	
	ND	ug/L	0.50		EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	1	BRL1692	ND	
	ND	ug/L	1.0		EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	í	BRL1692	ND	
	ND	ug/L	250		EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	i	BRL1692	ND	
	1100	ug/L	50		EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	1	BRL1692	ND	
rogate)	106	%	76 - 114 (LCL - U	JCL)	EPA-8260	12/23/08	12/24/08 04:45	KEA	MS-V10	1	BRL1692		
	96.9	%	88 - 110 (LCL - U	JCL)	EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	i	BRL1692		
rrogate)	98.9	%	86 - 115 (LCL - U	JCL)	EPA-8260	12/23/08	12/24/08 04:46	KEA	MS-V10	·i	BRL1692		
	rogate)	ND           ND           ND           ND           ND           ND           1100           rogate)         106           96.9	ND         ug/L           ND         ug/L           ND         ug/L           ND         ug/L           ND         ug/L           ND         ug/L           ND         ug/L           ND         ug/L           1100         ug/L           106         %           96.9         %	ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         1.0           ND         ug/L         250           1100         ug/L         50           rogate)         106         %         76 - 114 (LCL - L           96.9         %         88 - 110 (LCL - L	ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         0.50           ND         ug/L         1.0           ND         ug/L         250           1100         ug/L         50           rogate)         106         %         76 - 114 (LCL - UCL)           96.9         %         88 - 110 (LCL - UCL)	ND         ug/L         0.50         EPA-8260           ND         ug/L         0.50         EPA-8260           ND         ug/L         0.50         EPA-8260           ND         ug/L         0.50         EPA-8260           ND         ug/L         0.50         EPA-8260           ND         ug/L         0.50         EPA-8260           ND         ug/L         1.0         EPA-8260           ND         ug/L         250         EPA-8260           1100         ug/L         50         EPA-8260           rogate)         106         %         76 - 114 (LCL - UCL)         EPA-8260           96.9         %         88 - 110 (LCL - UCL)         EPA-8260	Result         Units         PQL         MDL         Method         Date           ND         ug/L         0.50         EPA-8260         12/23/08           ND         ug/L         1.0         EPA-8260         12/23/08           ND         ug/L         50         EPA-8260         12/23/08           1100         ug/L         50         EPA-8260         12/23/08           rogate)         106         %         76 - 114 (LCL - UCL)         EPA-8260         12/23/08           96.9         %         88 - 110 (LCL - UCL)         EPA-8260         12/23/08	Result         Units         PQL         MDL         Method         Date         Date/Time           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46           ND         ug/L         250         EPA-8260         12/23/08         12/24/08         04:46           1100         ug/L         50         EPA-8260         12/23/08         12/24/08         04:46           rogate)         106         %         76 - 114 (LCL - UCL)         EPA-8260         12/23/08         12/24/08         04:46 </td <td>Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst           ND         Ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA           ND         Ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA           ND         Ug/L         250         EPA-8260         12/23/08         12/24/08         04:46         KEA           1100         Ug/L         50         EPA-8260         12/23/08         12/24/08         04:46         KEA     &lt;</td> <td>Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment ID           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         250         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           1100         ug/L         50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V1</td> <td>Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment ID         Dilution           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i           ND         ug/L         250         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i           rogate)         106<td>Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment ID         Dilution         Batch ID           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692           1100         ug/L         50         EPA-8260         12/23/08</td><td>Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment/ID         Dilution         Bath ID         Bias           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692         N</td></td>	Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst           ND         Ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA           ND         Ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA           ND         Ug/L         250         EPA-8260         12/23/08         12/24/08         04:46         KEA           1100         Ug/L         50         EPA-8260         12/23/08         12/24/08         04:46         KEA     <	Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment ID           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           ND         ug/L         250         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10           1100         ug/L         50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V1	Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment ID         Dilution           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i           ND         ug/L         250         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i           rogate)         106 <td>Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment ID         Dilution         Batch ID           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692           1100         ug/L         50         EPA-8260         12/23/08</td> <td>Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment/ID         Dilution         Bath ID         Bias           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692         N</td>	Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment ID         Dilution         Batch ID           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692           1100         ug/L         50         EPA-8260         12/23/08	Result         Units         PQL         MDL         Method         Date         Date/Time         Analyst         ment/ID         Dilution         Bath ID         Bias           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         0.50         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         1         BRL1692         ND           ND         ug/L         1.0         EPA-8260         12/23/08         12/24/08         04:46         KEA         MS-V10         i         BRL1692         N



21 Technology Drive

Irvine, CA 92618

Project: 3292 Project Number: Inonej

Reported: 12/30/2008 8:26

## Project Manager: Anju Farfan Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 08167	82-02	Client Sample	e Name:	3292, MW-5, 12	/17/2008 11:23	00AM, Joe L							
Constituent		Result	Units	PQL MI	DL Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene		ND	ug/L	5.0	EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692	ND	A01
Ethylbenzene		730	ug/L	5.0	EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692	ND	A01
Methyl t-butyl ether		ND	ug/L	5.0	EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692	ND	A01
Toluene		ND	ug/L	5.0	EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692	ND	A01
Total Xylenes		ND	ug/L	10	EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692	ND	A01
Ethanol		ND	ug/L	2500	EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692	ND	A01
Total Purgeable Petroleum Hydrocarbons		24000	ug/L	500	EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692	ND	A01
1,2-Dichloroethane-d4 (Surrogate	)	102	%	76 - 114 (LCL - UCL	.) EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692		
Toluene-d8 (Surrogate)		102	%	88 - 110 (LCL - UCL	.) EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692		
4-Bromofluorobenzene (Surrogate	e)	88.4	%	86 - 115 (LCL - UCL	) EPA-8260	12/23/08	12/24/08 12:06	KEA	MS-V10	10	BRL1692		



21 Technology Drive

Irvine, CA 92618

Project: 3292 Project Number: Inonel

Reported: 12/30/2008 8:26

Project Manager: Anju Farfan Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0816782-03	Client Sampl	e Name:	3292, MW-7, 12	2/17/200	8 12:07:0	0PM, Joe L							
Constituent		Result	Units	PQL M		Aethod	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quais
Benzene		ND	ug/L	5,0	E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692	ND	A01
Ethvibenzene		330	ug/L	5.0	E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692	ND	A01
Methyl t-butyl ether		ND	ug/L	5.0	E	PA-8260	12/23/08	12/24/08_11:49	KEA	MS-V10	10	BRL1692	ND	A01
Toluene		ND	ug/L	5.0	E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692	ND	A01
Total Xvlenes		15	ug/L	10	E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692	ND	A01
Ethanol		ND	ug/L	2500	E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692	ND	A01
Total Purgeable Petroleu Hvdrocarbons	im	6900	ug/L	500	E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692	ND	A01
1,2-Dichloroethane-d4 (S	Surrogate)	102	%	76 - 114 (LCL - UC	L) E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692		
Toluene-d8 (Surrogate)		99.1	%	88 - 110 (LCL - UC	L) E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692		
4-Bromofluorobenzene (	Surrogate)	94.5	%	86 - 115 (LCL - UC	L) E	PA-8260	12/23/08	12/24/08 11:49	KEA	MS-V10	10	BRL1692		

Page 7 of 18



21 Technology Drive

Irvine, CA 92618

Project: 3292

Reported: 12/30/2008 8:26

Project Manager: Anju Farfan Volatile Organic Analysis (EPA Method 8260)

Project Number: Inonei

BCL Sample (D: 081	16782-04	Client Sampl	e Name:	3292, MW-9, 12/1	7/2008 12:37:0	00PM, Joe L							
Constituent		Result	Units	PQL MDI	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	12/23/08	12/24/08 04:28	KEA	MS-V10	i	BRL1692	ND	
Ethylbenzene		ND	ug/L	0.50	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	ï	BRL1692	ND	
Methyl t-butyl ether		ND	ug/L	0.50	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	1	BRL1692	ND	
Toluene		ND	ug/L	0.50	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	1	BRL1692	ND	
Total Xylenes		ND	ug/L.	1.0	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	1	BRL1692	ND	
Ethanol		ND	ug/L	250	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	1	BRL1692	ND	
Total Purgeable Petroleum Hydrocarbons		140	ug/L	50	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	1	BRL1692	ND	
1,2-Dichloroethane-d4 (Surrog	jate)	109	%	76 - 114 (LCL - UCL)	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	i	BRL1692		
Toluene-d8 (Surrogate)		97.6	%	88 - 110 (LCL - UCL)	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	i	BRL1692		
4-Bromofluorobenzene (Surrog	gate)	97.8	%	86 - 115 (LCL - UCL)	EPA-8260	12/23/08	12/24/08 04:28	KEA	MS-V10	i	BRL1692		
							1221000 04.20		10/0-010		01/11/092		

Page 8 of 18



21 Technology Drive

Irvine, CA 92618

Project: 3292

Reported: 12/30/2008 8:26

# Project Manager: Anju Farfan Volatile Organic Analysis (EPA Method 8260)

Project Number: Inonei

BCL Sample ID: 0816782-05	Client Sampl	e Name:	3292, MW-8, 12/1	7/2008 12:55:0	)0PM, Joe L							
Constituent	Result	Units	PQL MDI	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	12/23/08	12/24/08 04:11	KEA	MS-V10	i	BRL1692	ND	quuis
Ethylbenzene	ND	ug/L	0,50	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	1	BRL1692	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	1	BRL1692	ND	
Toluene	ND	ug/L	0.50	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	1	BRL1692	ND	
Total Xvlenes	ND	ug/L	1.0	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	1	BRL1692	ND	
Ethanol	ND	ug/L	250	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	í	BRL1692	ND	
Total Purgeable Petroleum Hydrocarbons	230	ug/L	50	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	1	BRL1692	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	1	BRL1692		
Toluene-d8 (Surrogate)	95.6	%	88 - 110 (LCL - UCL)	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	1	BRL1692		
4-Bromofluorobenzene (Surrogate)	98.0	%	86 - 115 (LCL - UCL)	EPA-8260	12/23/08	12/24/08 04:11	KEA	MS-V10	i	BRL1692		

Page 9 of 18



21 Technology Drive

Irvine, CA 92618

Project: 3292 Project Number: Inonei

Reported: 12/30/2008 8:26

# Project Manager: Anju Farfan Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0816782-06	Client Sampl	e Name:	3292, MW-3S	P, 12/1	7/2008 1:10	3:00PM, Joe	϶L.						
Constituent	Result	Units	PQL I	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	1.0		EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692	ND	A01
Ethylbenzene	ND	ug/L	1.0		EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692	ND	A01
Methvl t-butvl ether	ND	ug/L	1.0	٩	EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692	ND	A01
Toluene	ND	ug/L	1.0		EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692	ND	A01
Total Xvlenes	ND	ug/L	2.0		EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692	ND	A01
Ethanol	ND	ug/L	500		EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692	ND	A01
Total Purgeable Petroleum Hvdrocarbons	2000	ug/L	100		EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - U	CL)	EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692		
Toluene-d8 (Surrogate)	95,3	%	88 - 110 (LCL - U	CL)	EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692		
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - U	CL)	EPA-8260	12/23/08	12/24/08 11:31	KEA	MS-V10	2	BRL1692		



21 Technology Drive

Irvine, CA 92618

Project: 3292 Project Number: Inonel

Reported: 12/30/2008 8:26

Prolect Manager: Anju Farfan Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 08167	82-07	Client Sample	e Name:	3292, MW-2SP,	12/17/2008 1:3	5:00PM, Jo	e L.						
Constituent		Result	Units	PQL MI	DL 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	12/23/08	12/24/08 03:53	KEA	MS-V10	1	BRL1692	ND	
Ethylbenzene		ND	ug/L	0.50	EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	. 1	BRL1692	ND	
Methyl t-butyl ether		4.4	ug/L	0.50	EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	1	BRL1692	ND	
Toluene		ND	ug/L	0.50	EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	1	BRL1692	ND	
Total Xvienes		ND	ug/L	1.0	EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	1	BRL1692	ND	
Ethanol		ND	ug/L	250	EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	1	BRL1692	ND	
Total Purgeable Petroleum Hydrocarbons		190	ug/L	50	EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	i	BRL1692	ND	
1,2-Dichloroethane-d4 (Surrogate	;)	109	%	76 - 114 (LCL - UCL	) EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	í	BRL1692		
Toluene-d8 (Surrogate)		95.0	%	88 - 110 (LCL - UCL	) EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	1	BRL1692		
4-Bromofluorobenzene (Surrogate	e)	97.4	%	86 - 115 (LCL - UCL	) EPA-8260	12/23/08	12/24/08 03:53	KEA	MS-V10	1	BRL1692		

Page 11 of 18



21 Technology Drive

Irvine, CA 92618

Reported: 12/30/2008 8:26

Volatile Organic Analysis (EPA Method 8260)

Project Number: Inonei

Project: 3292

Project Manager: Anju Farfan

BCL Sample ID:	0816782-08	Client Sample	e Name:	3292, MW-1, 12/	17/2008 11:03:	DOAM, Joe	L.						
Constituent		Result	Units	PQL MD	L. Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene		ND	ug/L	1.0	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692	ND	A01
Ethvlbenzene		1.7	ug/L	1.0	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692	ND	A01
Methvl t-butvl ether		22	ug/L	1.0	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692	ND	A01
Toluene		ND	ug/L	1.0	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692	ND	A01
Total Xylenes		ND	ug/L	2.0	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692	ND	A01
Ethanol		ND	ug/L	500	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692	ND	A01
Total Purgeable Petroleum Hydrocarbons		3100	ug/L	100	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692	ND	A01
1,2-Dichloroethane-d4 (Su	rogate)	105	%	76 - 114 (LCL - UCL	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692		
Toluene-d8 (Surrogate)		92.2	%	88 - 110 (LCL - UCL)	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692		
4-Bromofluorobenzene (Su	rrogate)	93.4	%	86 - 115 (LCL - UCL)	EPA-8260	12/23/08	12/24/08 11:13	KEA	MS-V10	2	BRL1692		

Page 12 of 18



21 Technology Drive

Irvine, CA 92618

Protect: 3292

Reported: 12/30/2008 8:26

# Project Manager: Anju Farfan Volatile Organic Analysis (EPA Method 8260)

Project Number: Inonel

BCL Sample ID: 0816782-09	Client Sampl	e Name:	3292, MW-11,	12/17/	2008 1:59:	00PM, Joe I							
Constituent	Result	Units	PQL N	/IDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quais
Benzene	ŃD	ug/L	0.50		EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	1	BRL1692	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	1	BRL1692	ND	
Methvl t-butyl ether	22	ug/L	0.50		EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	i	BRL1692	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	i	BRL1692	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	1	BRL1692	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	1	BRL1692	ND	
Total Purgeable Petroleum Hydrocarbons	810	ug/L	50		EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	1	BRL1692	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UC	CL)	EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	1	BRL1692		
foluene-d8 (Surrogate)	96.7	%	88 - 110 (LCL - UC	CL)	EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10	1	BRL1692		
4-Bromofluorobenzene (Surrogate)	96.2	%	86 - 115 (LCL - UC	CL)	EPA-8260	12/23/08	12/24/08 03:35	KEA	MS-V10		BRL1692		



21 Technology Drive

Irvine, CA 92618

Project: 3292 Project Number: Inonej

Reported: 12/30/2008 8:26

## Project Manager: Anju Fartan Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0816782-10	Client Sampl	e Name:	3292, MW-10	, 12/17	/2008 2:22:	00PM, Joe I	L.						
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	5.0		EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692	ND	A01
Ethylbenzene	ND	ug/L	5.0		EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692	ND	A01
Methyl t-butyl ether	ND	ug/L	5.0		EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692	ND	A01
Toluene	ND	ug/L	5.0		EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692	ND	A01
Total Xylenes	ND	ug/L	10		EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692	ND	A01
Ethanol	ND	ug/L	2500		EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692	ND	A01
Total Purgeable Petroleum Hydrocarbons	3900	ug/L	500		EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - U	CL)	EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692		
Toluene-d8 (Surrogate)	96.3	%	88 - 110 (LCL - U	CL)	EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692		
4-Bromofluorobenzene (Surrogate)	97.6	%	86 - 115 (LCL - U	CL)	EPA-8260	12/23/08	12/24/08 10:56	KEA	MS-V10	10	BRL1692		



TRC 21 Technology Drive

Irvine, CA 92618

Project: 3292 Project Number: Inonel

Project Manager: Anju Farfan

Reported: 12/30/2008 8:26

Volatile Organic Analysis (EPA Method 8260)

**Quality Control Report - Precision & Accuracy** 

										Contr	ol Limits
Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike	Unito	000	Percent	000	Percent
						Added	Units	RPD	Recovery	RPD	Recovery Lab Quals
Benzene	BRL1692	Matrix Spike	0814857-94	0	25.000	25.000	ug/L		100		70 - 130
		Matrix Spike Duplicate	0814857-94	0	23,690	25.000	ug/L	5,3	94.8	20	70 - 130
Toluene	BRL1692	Matrix Spike	0814857-94	0	24.540	25.000	ug/L		98.2		70 - 130
		Matrix Spike Duplicate	0814857-94	0	23.330	25.000	ug/L	5.1	93,3	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRL1692	Matrix Spike	0814857-94	ND	10.250	10.000	ug/L		102		76 - 114
		Matrix Spike Duplicate	0814857-94	ND	10.120	10.000	ug/L		101		76 - 114
Toluene-d8 (Surrogate)	BRL1692	Matrix Spike	0814857-94	ND	9.9000	10.000	ug/L		99.0		88 - 110
		Matrix Spike Duplicate	0814857-94	ND	9.8200	10.000	ug/L		98.2		88 - 110
4-Bromofluorobenzene (Surrogate)	BRL1692	Matrix Spike	0814857-94	ND	9.3800	10.000	ug/L		93.8		86 - 115
		Matrix Spike Duplicate	0814857-94	ND	9.7100	10.000	ug/L		97.1		86 - 115



21 Technology Drive Irvine, CA 92618 Project: 3292 Project Number: Inonei

Reported: 12/30/2008 8:26

Project Manager: Anju Fartan Volatile Organic Analysis (EPA Method 8260)

#### **Quality Control Report - Laboratory Control Sample**

Constituent										Control	Limits	
	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quais
Benzene	BRL1692	BRL1692-BS1	LCS	23.990	25.000	0.50	ug/L	96.0		70 - 130		
Toluene	BRL1692	BRL1692-BS1	LCS	24.050	25.000	0.50	ug/L	96.2		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRL1692	BRL1692-BS1	LCS	10.180	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BRL1692	BRL1692-BS1	LCS	9.9000	10.000		ug/L	99.0		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRL1692	BRL1692-BS1	LCS	9.8200	10.000		ug/L	98.2		86 - 115		

Page 16 of 18



Irvine, CA 92618

Reported: 12/30/2008 8:26

21 Technology Drive

Project: 3292 Project Number: Inonei

Project Manager: Anju 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 Quais
Benzene	BRL1692	BRL1692-BLK1	ND	ug/L	0.50	······································
Ethylbenzene	BRL1692	BRL1692-BLK1	ND	ug/L	0.50	
Methyl t-butyl ether	BRL1692	BRL1692-BLK1	ND	ug/∟	0.50	
Toluene	BRL1692	BRL1692-BLK1	ND	ug/L	0.50	
Total Xylenes	BRL1692	BRL1692-BLK1	ND	ug/L	1.0	
Ethanol	BRL1692	BRL1692-BLK1	ND	ug/L	250	
Total Purgeable Petroleum Hydrocarbons	BRL1692	BRL1692-BLK1	ND	ug/L	50	
1,2-Dichloroethane-d4 (Surrogate)	BRL1692	BRL1692-BLK1	105	%	76 - 114 (LCL - UCL)	
Toluene-d8 (Surrogate)	BRL1692	BRL1692-BLK1	98.2	%	88 - 110 (LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BRL1692	BRL1692-BLK1	96.4	%	86 - 115 (LCL - UCL)	

Page 17 of 18



TRC		Project:	3292	Reported:	12/30/2008 8:26
	ology Drive	Project Number:	Inone		
Irvine, CA	A 92618	Project Manager:	Anju Farfan		
Notes Ar	nd 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 18 of 18

BC LABORATORIES INC.		SAMPLE	E RECEIF	T FORM	Re	v. No. 12	06/24/08	Page		
Submission#: 08-1078	2		_							
SHIPPING INFO	RMATION						ING CON	TAINER		*
Federal Express □ UPS □ BC Lab Field Service □ Other	Hand Deli ⊒ (Specify				lce Chest Bóx ′			ie ⊡ er ⊡ (Spe	cify)	
Refrigerant: Ice Blue Ice	None	Oti	ner 🗆 🕠	Commen	ts:					
Custody Seals Ice Chest	Containe Intact? Yes		None 🗆	Comme	ents:			<u> </u>		
All samples received? Yes 🖉 No 🗆	All samples	containers	s intact? Y	es 🗹 No I		Descrip	tion(s) mat			
	missivity:						63		220 ne <u>(R-19</u> Init <u>Alin</u>	
						NUMBERS				
SAMPLE CONTAINERS	1	- 2	3	4,	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	·					ļ	ļ,	<u> </u>	<u> </u>	ļ
PT PE UNPRESERVED										
OT INORGANIC CHEMICAL METALS		· · · · · · · · · · · · · · · · · · ·			<u> </u>	ļ		<u> </u>	<u> </u>	
PT INORGANIC CHEMICAL METALS	1					ļ	<u> </u>	<u> </u>		
PT CYANIDE					<u> </u>	ļ		<b> </b>		
PT NITROGEN FORMS	<u> </u>						<u> </u>	<b> </b>	<u>                                      </u>	
PT TOTAL SULFIDE					<u> </u>			<b> </b>	<u> </u>	<b></b>
202, NITRATE / NITRITE	<u> </u>				<u> </u>	<u> </u>		ļ		· · ·
PT TOTAL ORGANIC CARBON					<u> </u>		<u> </u>	<u> </u>	·	<b>├</b> ───┤
PT TOX				<del></del>				·	<u> </u>	<u> </u>
PT CHEMICAL OXYGEN DEMAND	· · · ·						<u> </u>			
PtA PHENOLICS					·					<u> </u>
40ml VOA VIAL TRAVEL BLANK	Q.2	D-Z	A 12	A Z	AZ,	22	A 2	42	42	A B
40ml VOA VIAL OT EPA 413.1, 413.2, 418.1		1.17		<u>n D</u>	1121	RD	יעה דיוי	_ ה וי	1 1 7	
PT ODOR						Tab.	<u> </u>		<u> </u>	<u> </u>
RADIOLOGICAL										·
BACTERIOLOGICAL				·		<u> </u>	<u></u>			
40 ml VOA VIAL- 504					<u> </u>	<u>}</u>		<u>.                                    </u>	· · · · · · · · · · · · · · · · · · ·	
QT EPA 508/608/8080						<u> </u> -	<b> </b>		<u> </u>	
OT EPA 515.1/8150						1			<u> </u>	
OT EPA 525						ì	<u> </u>		1	
OT EPA 525 TRAVEL BLANK					-		ĺ			
100mI EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
OT AMBER		······				L			<u> </u>	
8 07. JAR									L	
32 OZ. JAR	<u> </u>					L			<u> </u>	
SOIL SLEEVE							L			
PCB VIAL					·		ļ		ļ	
PLASTIC BAG						<u> </u>	ļ		┞	
FERROUS IRON		·				L				
ENCORE			<u></u>			L	<u> </u>		<u> </u> _	

Comments: Sample Numbering Completed By: A = Actual / C = Corrected JNW Date/Time: 12-22-08

[H:IDOCSIWPBOILAB\_DOCSIFORMSISAMREC2 WPD]

BC LAB	ORATORIES, INC.	4100 Atlas Court (661) 327-4911				СНА		F CU	ST(	ODY	
		08-10	0782		· 读书:	Ana	ysis	Re	que	ested	
Bill to: Co	noco Phillips/ TRC	Consultant Firm: TR		MATRIX (GW)	6				instancios trate		
STREET Irvine, CA 92618-2 Attn: Anju Farfan City: San Jeandro 4-digit site#: 3		Irvine, CA 92618-230	I Technology DriveGrovine, CA 92618-2302wat		Gas by 8015		lates	8260B			lested
		4-digit site#: 32 Workorder#01160		(WW)	3TEX/MTBE by 8021B,	TPH GAS by 8015M	3260 full list w/ oxygenates	<del>XYS</del> BY	8260B	GC/MS	Turnaround Time Requested
State: CA	Zip:	Project #: 1547-		(SL)	ы Ш		st w	ШQ Q	à		
Conoco P	hillips Mgr: Ted moise	Sampler Name: JOE	2 2	Sludge	MTE	SAS IFSI	ull li	MTE	NOL	l b l	Lour
Lab#	Sample Description	Field Point Name	Date & Time Sampled		BTEX	TPH GAS by TPH DIFSFI	8260 f	BTEX/MTBE/OXYS	ETHANOL	HdT	Turna
	1	MW-Z	12-17-08 1041	GW				$\mathbb{X}$	$\mathbb{X}$		5
	-2	MW-5	1123								
	-3	MW-7	1207								
	-4	mw-9	1237								
BY INTE	STRIBUTION -5	mu-8	1255								
U		MW- 35P	13/6								
and all the state of the state		MW-25P	1335								
	-8	Mw-1	1103					$\mathbb{N}$	$\mathbb{V}$	$\Lambda H$	
RWN & OXYS BY 8260 on the Relinquished by: (Signature) Comments: highest 8260 MTBE			2		Receiv refr	-	VC, TC	v v	Date & Time 12-17-08	152	
	1.70600101450	Relinquished by: (Si	gnature)			Receiv				Date & Time /2/19/08	BYD
		Relinquished by (Si	E\ '# /	19/05		Receiv Receiv	ed by: -\	J)		Date & Time 1719 09	
		Riking	-l-12-19-0	8 2150	6	-LC	$\cap W$	d.	-	12-19.0	3 2

Bill to: Cor	Sill to: Conoco Phillips/ TRC Consultant Firm: TRC			MATRIX (GW)	eve egyadessaut				Re					
Address:/:	5008 East 1471 Street		21 Technology DriveIrvine, CA 92618-2302Attn: Anju Farfan		Gas by 8015			ates	8260B					lested
City: Sou	n Leandro	4-digit site#: 32 Workorder # <i>Cl160</i>		Soll (WW) Waste- water	BTEX/MTBE by 8021B,	15M	TPH DIESEL by 8015	3260 full list w/ oxygenates	BTEX/MTBE/ <del>OXYS</del> BY	260B	MS			Time Requested
State: CA	Zip:		Project #: 154771			by 80	EL by	st w/	3E/0)	by 8	GC/MS			d Tin
Conoco Ph	nillips Mgr: Ted Mois	Se Sampler Name: J7	\$E	Sludge	MTE	SAS	OIESI	full li	/MTE	NOL	G by			roun
Lab#	Sample Description	Field Point Name	Date & Time Sampled		BTEX	TPH GAS by 8015M	ЦРН	8260	BTEX	ETHANOL by 8260B	- HqT			Turnaround
	- 9	MW-11	12-17-08 1359	GW					$\mathbf{X}$	$\left \times\right $	X		1	57.[
	-16	MW-10	12-17-08 1422	Gui					K,	X	X			ST
	·····													
	······································													
Run 3 c	XXS 6X 8260,00 GWEST 8260 MTB	the Relinquistication by: (S	ignature) D. Seuie	).			eivec Eri		era 7	ar		& Time 17-08		20
	70600101450	Relinquished by: (S	ignature)	i i		Rec /// Rec		l by:- Wrc	log	~ •	Date 12/	& Time <i>(G) 0</i> & Time	BY	

#### 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.