WASATCH
ENVIRONMENTAL

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July 8, 2010
Project No.: 1241-026A

SUBJECT: Quarterly Groundwater Sampling Results and Monthly Report of Corrective Action – May/June 2010
C-4 Top Stop
15 South Main Street
Gunnison, Utah
UST Facility No. 2000220
Release Site EMHB

RECEIVED
JUL 19 2010
Environmental Response & Remediation

This monthly report has been prepared pursuant to the reporting requirements set forth in the May 9, 2008, Corrective Action Plan Summary Letter prepared by Wasatch Environmental on behalf of Wind River Petroleum. This report provides a summary of the following:

- Current estimates of contaminant mass removal,
- Building ventilation system readings,
- Groundwater depth and fluctuations,
- Results of May 2010 quarterly groundwater sampling,
- Results pf nitrate amendment and monitoring activities,
- Removal of flame and catalytic oxidizers, and
- Submittal of Corrective Action Plan (CAP) addendum.

SCANNED
DERR-2010-009915

Questions regarding this report from third parties should be submitted to Morgan Atkinson with the Utah Division of Environmental Response and Remediation (DERR), and written responses will be provided.

ESTIMATES OF CONTAMINANT MASS REMOVAL

As of May 25, 2010, the estimated quantity of gasoline removed from the subsurface by six soil vapor extraction (SVE) systems was 12,954 gallons as presented on Table 1 below. This quantity has not changed significantly since August 18, 2009, as presented in the August 2009 Monthly Report. Estimates of contaminant mass removal can no longer be calculated because the flame-ox and catox systems have all been taken off-line ahd replaced with granular activated carbon (GAC) drums. Please refer to the report section titled "Removal of Thermal and Catalytic Oxidizers" for a more detailed discussion.

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Table 1. Estimated Mass Removal							
TIME OF OPERATION	West A SVE CATOX	West B SVE CATOX	East SVE CATOX	Central SVE Flame-OX	South SVE CATOX	West Alley SVE	Gallons Combusted
8/29/07 TO 11/13/07	---	---	887[c]	---	---	---	---
9/21/07 TO 11/21/07	580[c]	---	---	---	---	---	---
STARTUP DATE	11-21-07	12-05-07	11-13-07	3-04-08	12-12-07	5-16-08	
STARTUP TO 06/11/08	3,069	1,293	2,863	3,166	452	---	10,843
06/11/08 TO 07/15/08	49	34	16	117	10	172	398
07/15/08 TO 12/10/08	NM/NC	NM/NC	NM/NC	NM/NC[d]	NM/NC	NC	NM/NC
12/10/08 TO 01/07/09	**System Off**	5	NM/NC	NM/NC[d]	NM/NC	NC	5
01/10/08 TO 02/03/09	**System Off**	13	NM/NC	<1[d]	NM/NC	<1	13
2/03/09 TO 3/10/09	**System Off**	18	NM/NC	NM/NC[d]	NM/NC	<1	18
3/10/09 TO 4/08/09	**System Off**	81	NM/NC	7[d]	NM/NC	4	92
4/08/09 TO 5/01/09	**System Off**	60	NM/NC	7[d]	NM/NC	7	74
5/01/09 TO 5/27/09	**System Off**	35	NM/NC	4[d]	NM/NC	2	41
5/27/09 TO 6/23/09	**System Off**	2	NM/NC	1[d]	NM/NC	<1	3
6/23/09 TO 7/21/09	**System Off**	NM/NC	NM/NC	NC[d]	NM/NC	NC	NM/NC
7/21/09 TO 5/26/10	**System Off**	NM/NC[e]	NM/NC[e]	NC[d]	NM/NC[e]	NC	NM/NC
TOTALS BY SYSTEM	3,118	1,541	2,879	3,302	462	185	**12,954**

a) NM: Not Measurable – No temperature increase across catox and flame-ox units
b) NC: Not calculated due to insignificant concentrations
c) The gallons removed by the east and west SVE systems before catalytic oxidizers were installed has been added.
d) The flame-ox unit was shut down in August 2008. Since this time, effluent from the central SVE system has been treated using granular activated carbon (GAC). Mass removal estimates after the flame-ox unit was shut down are based on PID readings from the central SVE system effluent (before the effluent passes through the GAC drums), effluent flow rates, and time of operation.
e) Catox system was taken off-line and replaced with a GAC drum for treatment of SVE system effluent on May 25, 2010.

BUILDING VENTILATION SYSTEMS

Twelve building ventilation systems are currently operating in two businesses and ten residences across the site. Photo-ionization detector (PID) measurements are taken monthly from the exhaust stacks of the ventilation systems. PID data obtained between May 14, 2008, and May 26, 2010, are presented in Table 2. These data indicate that, with the exception of a few low-level detections, there are no measurable vapors present below any of the monitored structures. With few exceptions, there have been no detectable vapors present in the monitored locations since August 2009. Two rounds of monitoring were performed in May (May 4 and May 26) but no monitoring was performed in June. Wasatch will resume monthly monitoring in early July.

Table 2. Building Ventilation Systems Emissions – PID Data (PPM)												
Date of PID Measurement	26 W 100 S St.	36 W 100 S St.	29 W 100 S St.	39 W 100 S St.	59 W 200 S St. (Side)	59 W 200 S St. (Rear)	60 W 200 S St.	70 W 200 S St.	96 W 200 S St.	255 S 100 W St. (Garage)	His N Hers	White Hills Trading Co
5/14/2008	0.0	10.2	18.3	92	NS	NS	0.0	NS[1]	0.0	NS[2]	16.8	NS
5/23/2008	0.0	0.9	16.8	85	0.0	2.6	0.0	NS[1]	0.0	NS	24.5	NS
6/3/2008	0.1	0.2	11.0	41	0.0	0.9	0.0	NS[1]	0.0	NS	18.0	NS
6/11/2008	0.0	0.2	12.0	35	0.0	1.1	0.0	NS[1]	0.0	NS	19.9	NS
6/18/2008	0.0	0.0	9.0	29	0.0	0.6	0.0	NS[1]	0.0	NS	NS	NS
6/25/2008	0.0	0.4	7.0	20.5	0.0	0.0	0.0	NS[1]	0.0	NS	NS	NS
7/1/2008	0.0	0.0	5.6	16.4	0.0	0.0	0.0	NS[1]	0.0	NS	17	NS
7/8/2008	0.0	0.0	3.0	12.1	0.0	0.0	0.1	NS[1]	0.0	NS	NS	NS
7/16/2008	0.1	0.0	2.2	11.4	0.0	0.0	0.0	NS[1]	0.0	NS	11	NS
7/31/2008	0.0	0.0	1.5	8.3	0.0	0.0	0.0	NS[1]	0.0	NS	7.6	NS
8/26/2008	NS	NS	1.0	8.0	NS	NS	NS	NS[1]	NS	NS	NS	NS
9/16/2008	0.0	0.0	0.0	5.7	0.0	0.0	0.0	NS[1]	0.0	NS	3.7	0.0
10/21/2008	0.0	NS	0.0	3.3	0.0	0.0	0.0	NS[1]	0.0	NS	1.8	0.0
11/13/2008	0.0	0.0	0.0	2.1	0.0	0.0	0.0	NS[1]	0.0	NS	NS	0.0
12/19/2008	0.0	0.0	2.9	6.4	0.0	0.0	0.0	NS[1]	0.0	NS	3.9	0.0
1/20/2009	0.0	0.0	1.5	3.8	0.0	0.0	0.0	NS[1]	0.0	NS	3.6	0.0
2/17/2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	NS	2.2	0.0
3/17/2009	0.0	0.0	4.2	12.0	0.0	0.0	0.0	NS[1]	0.0	NS	3.4	0.0
4/15/2009	0.0	0.0	1.4	1.9	0.0	0.0	0.0	NS[1]	0.0	NS	1.2	0.0
5/20/2009	0.0	0.0	2.7	2.8	0.0	0.0	0.0	NS[1]	0.0	NS	1.9	0.0
6/18/2009	0.0	0.0	0.7	0.0	0.0	0.0	0.0	NS[1]	0.0	NS	1.3	0.0
7/21/2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	1.3	0.36	0.0
8/12/2009	0.03	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	0.1	0.2	0.0
9/16/2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	0.0	0.0	0.0
10/15/2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	0.0	0.0	0.0
11/11/2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	0.0	0.0	0.0
12/23/2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	0.0	0.0	0.0
1/27/2010	0.0	0.0	0.2	0.0	0.0	0.0	0.0	NS[1]	0.0	0.0	0.2	0.0
2/24/2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	NS[3]	0.1	0.0
3/16/2010	0.0	0.0	0.3	0.0	NS[4]	NS[4]	0.0	NS[1]	0.0	NS[3]	0.0	0.0
4/14/2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	NS[3]	0.0	0.0
5/4/2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NS[1]	0.0	NS[3]	0.0	0.0
5/26/2010	0.0	0.0	0.0	0.0	2.02	0.0	0.0	NS[1]	0.0	NS[3]	0.0	0.0

[1] Not sampled because the ventilation piping is inside residence and the discharge is on the roof.

[2] The 255 South 100 West Street Garage Ventilation System was installed in on July 20 and 23, 2009.

[3] The 255 South 100 West Street Garage Ventilation System was turned off on February 2, 2010.

[4] Not sampled because the property owner denied access to the property.

NS - Not sampled

GROUNDWATER DEPTH AND FLUCTUATIONS

Wasatch has periodically monitored groundwater levels in wells WS-2, TW-3, MW-1, MW-5, MW-9, MW-12, MW-14, and MW-23 to track water table fluctuations (see Table 3, Appendix A). Depth-to-water graphs for eight monitoring wells (WS-2, TW-3, MW-1, MW-5, MW-9, MW-12, MW-14, and MW-23), through June 30, 2010, are presented in Appendix B.

Based on measurements collected from select monitoring wells across the site between April 14, 2010 and May 18, 2010, groundwater elevations increased an average of 0.66 feet; and between May 18, 2010, and June 30, 2010, increased another 2.19 feet. The June 30, 2010, groundwater elevation measurements indicated record high groundwater elevations in all of the locations measured in June (since groundwater elevation data collection commenced in November 2007).

QUARTERLY GROUNDWATER SAMPLING

Quarterly monitoring was conducted at 22 monitoring wells across the site on May 19 and 20, 2010. The locations of the monitoring wells, and the benzene concentration detected in each sample, are presented on Figure 1. No free-product was observed in any of the monitoring wells. Groundwater samples were collected from each well using a new, 1½-inch diameter, disposable, polyethylene bailer. A minimum of three bore-hole volumes of groundwater was purged from each monitoring well. Purging continued until the majority of the sediment was cleared from the purge water. Groundwater samples were then obtained and dispensed into 40-milliliter (ml) capacity glass vials with Teflon® septa caps. The vials, which were supplied by the analytical laboratory, contained several drops of hydrochloric acid (HCl) as a preservative. The vials were filled slowly until a meniscus formed at the top of each vial, then each vial was sealed with a septa cap. This procedure eliminates headspace within the vials and, therefore, minimizes the loss of volatiles. The sample vials were each labeled with the sample location, and date and time of sample collection. The samples were placed in a cooler with ice and transported under chain-of-custody protocol to American West Analytical Laboratories for analysis. Groundwater samples were analyzed for total petroleum hydrocarbons as gasoline range organics (TPH-GRO), benzene, toluene, ethylbenzene, xylenes, and naphthalene (BTEXN) using U.S. EPA Method 8260B.

A summary of current and historic groundwater analytical results is presented in Table 4 (Appendix C). The current laboratory analytical results are presented in Appendix D.

Analytical results (Appendix D) from the May 2010 groundwater monitoring event indicate that nine monitoring wells (MW-20, MW-22, MW-23, MW-25, MW-26, MW-27, MW-37, MW-40, and WS-2) exhibited detectable concentrations of benzene, six of which were above Initial Screening Levels (ISLs) (see Appendix C, Table 4). The locations of monitoring wells and current benzene analytical results are presented on Figure 1.

NITRATE AMENDMENT

An Underground Injection Control (UIC) Permit Application was submitted to the Utah Division of Water Quality on October 13, 2009, requesting approval to inject nitrates at nine selected injection locations. Written approval of the UIC permit Application was issued on November 19, 2009.

Baseline nitrate monitoring was conducted on February 16, 2010, in preparation for the initial nitrate injection event. A total of 13 wells were sampled including: MW-2, MW-3, MW-5, MW-20, MW-22, MW-23, MW-26, MW-27, MW-36, MW-37, TW-4, TW-6, and WS-2.

The first injection event was conducted on March 2, 2010. The first injection used a 200:1 dilution (water to Gene's Booster) and a total of 11,000 gallons of injectate. The first injection event involved injection into all of the proposed injection locations. The second injection event was conducted on April 8, 2010. The second injection used a 100:1 dilution (water to Gene's Booster) and a total of 5,000 gallons of injectate. The second

injection event involved injection into the following locations only: The West SVE port, West Alley SVE port, TW-4 and TW-6.

Nitrate monitoring during the current reporting period was conducted on the following dates: May 5, 2010; May 20, 2010; June 2, 2010; and June 29, 2010. Nitrate monitoring was performed in the same monitoring locations as the baseline monitoring event (MW-2, MW-3, MW-5, MW-20, MW-22, MW-23, MW-26, MW-27, MW-36, MW-37, TW-4, TW-6, and WS-2). Nitrate monitoring involved purging each of the monitoring wells using a new, 1½-inch diameter, disposable, polyethylene bailer. A minimum of three bore-hole volumes of groundwater was purged from each monitoring well. A groundwater sample was then collected from each well and tested for nitrate using a Hach AccuVac® nitrate test kit. The test kit detects nitrate as nitrogen at concentrations ranging from 0 to 50 mg/L which is equivalent to 0 to 220 mg/L nitrate. The maximum contaminant level (MCL) for nitrate is 44.3 mg/L. None of the monitoring wells have exceeded the MCL for nitrate. The highest nitrate concentration observed during the current reporting period was 35.2 mg/L in monitoring well WS-2, on June 29, 2010. The results of the nitrate monitoring are summarized in Table 5.

REMOVAL OF FLAME AND CATALYTIC OXIDIZERS

The thermal oxidizer and catalytic oxidizer units for the Central SVE system were removed from the project site on May 11, 2010. The flame oxidizer has not been used since August 2008. Since the flame oxidizer was taken off-line, the Central SVE system effluent has been treated using drums of GAC. The catalytic oxidizer formerly located at the Central SVE system was never used at the site. The remaining catalytic oxidizers (West A SVE, West B SVE, East SVE, and South SVE) were decommissioned and will be removed from the project site over the next several months. All of the SVE systems that are currently in operation now use GAC to treat the system effluent.

SUBMITTAL OF CORRECTIVE ACTION PLAN ADDENDUM

Wasatch Environmental submitted a Corrective Action Plan (CAP) addendum to the DERR on June 1, 2010. The CAP addendum had been reviewed, in draft form, by the DERR. The final CAP addendum incorporated the majority of the revisions requested by the DERR.

Our services consist of professional opinions and recommendations made in accordance with generally accepted environmental engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied. Should you have any questions, please do not hesitate to contact us.

Sincerely,

WASATCH ENVIRONMENTAL, INC.

Michael Cronin, P.G.
Sr. Geologist and Project Manager

Les Pennington, P.E.
Principal Engineer

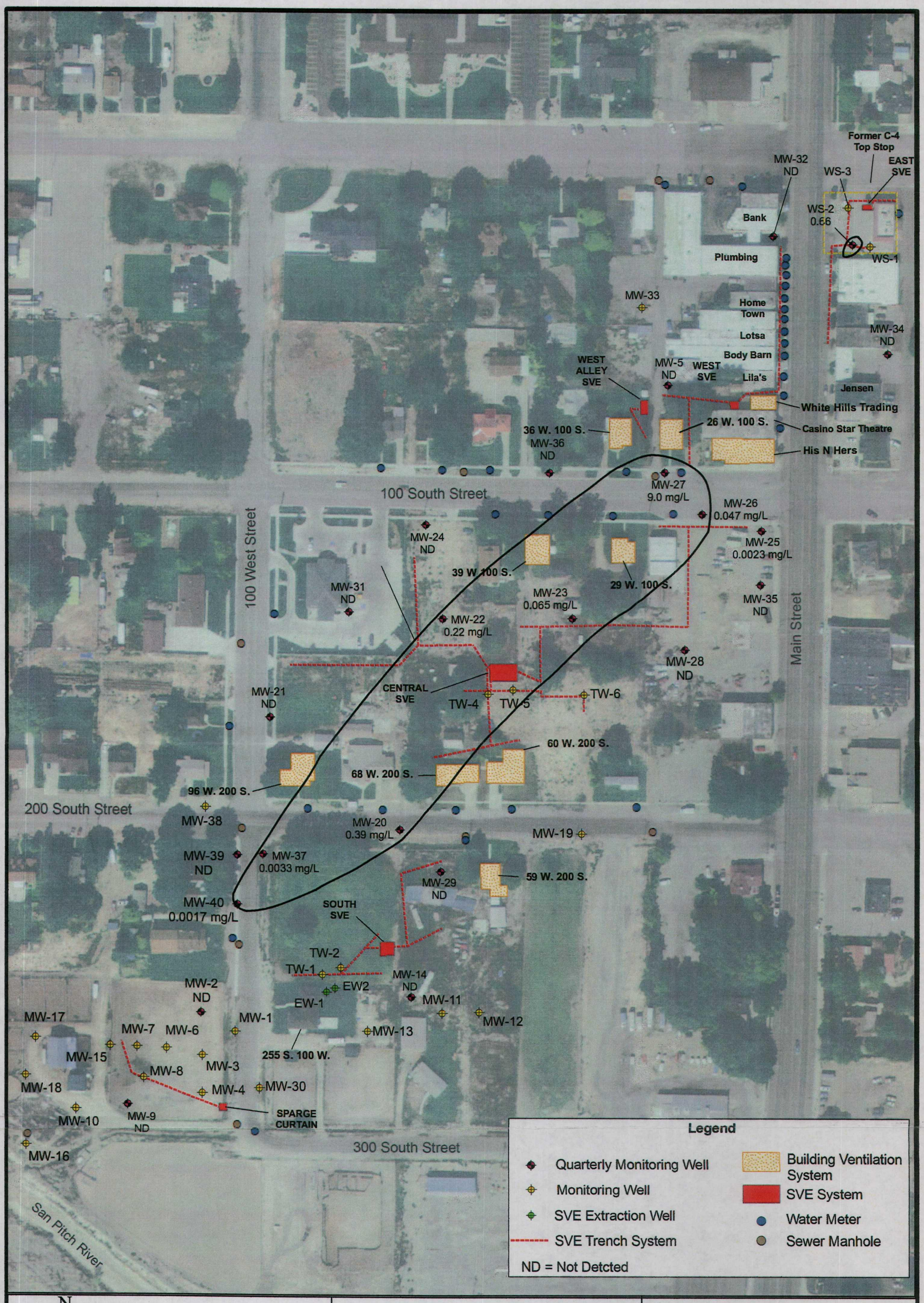
Copies: (2) Addressee
(1) Mr. Morgan Atkinson, Utah DERR
(1) Gunnison City

Figures

Figure 1 – Site Map with Benzene Concentrations from May 2010 Quarterly Analytical Results

Appendices

Appendix A – Table 3 – Historical Depth to Groundwater
Appendix B – Historical Groundwater Depths Graphs
Appendix C – Table 4 – Historical Groundwater Chemistry
Appendix D – May 2010 Quarterly Monitoring – Groundwater Laboratory Analyses
Appendix E – Table 5 – Nitrate Monitoring Data



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Environmental Science and Engineering

May 2010 Benzene Concentrations In Groundwater

Gunnison, Utah

PROJECT NO.	SAMPLING DATE	FIGURE
1241-026A	May 2010	1

APPENDIX A

TABLE 3 – HISTORICAL DEPTH TO GROUNDWATER

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 **South Main Street**
Gunnison, Utah
Facility ID 2000220, **Release ID EMHB**

Sample Identity	Date	Depth to Groundwater (ft)
TW-1	01/11/08	12.50
	02/26/08	12.36
	06/26/08	12.29
TW-2	01/11/08	13.22
	02/26/08	13.06
	06/26/08	12.76
TW-3	01/11/08	12.23
	02/26/08	12.32
	06/26/08	12.03
	08/22/08	10.71
	09/16/08	10.41
	10/22/08	10.44
	12/01/08	11.21
	12/09/08	11.34
	12/19/08	11.51
	12/30/08	11.67
	01/06/09	11.78
	01/20/09	11.43
	01/27/09	11.32
	02/03/09	11.22
	02/10/09	11.19
	02/17/09	11.13
	02/24/09	11.17
	03/10/09	11.75
	03/17/09	11.88
	03/27/09	12.14
	04/02/09	12.25
	04/08/09	12.34
	04/15/09	11.89
	04/28/09	12.10
	05/05/09	11.87
	05/11/09	11.84
	05/20/09	11.62
	05/27/09	11.74
	06/10/09	11.29
	06/18/09	11.03
	06/23/09	10.87

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 **South Main Street**
Gunnison, Utah
Facility ID 2000220, **Release ID EMHB**

TW-3 (cont'd)	07/08/09	11.22
	07/21/09	11.22
	08/04/09	10.59
	08/12/09	10.55
	09/16/09	10.62
	09/30/09	10.38
	10/15/09	10.20
	11/03/09	10.27
	05/18/10	11.78
	06/30/10	9.65
TW-4	01/11/08	17.93
	06/26/08	15.95
	04/03/10	15.97
	04/14/10	15.90
	05/05/10	15.51
	05/18/10	15.34
TW-6	12/19/07	13.86
	06/26/08	13.46
	04/03/10	14.10
	04/14/10	14.01
	05/05/10	13.67
	05/18/10	13.55
WS-1	01/11/08	13.19
	02/26/08	13.59
	06/25/08	11.62
WS-2	01/11/08	12.61
	02/26/08	11.31
	06/25/08	11.23
	11/18/08	9.93
	01/14/09	11.95
	01/20/09	11.94
	01/27/09	11.92
	02/10/09	12.20
	02/24/09	12.19
	03/03/09	12.52
	03/10/09	12.46
	03/17/09	12.75
	04/08/09	13.11
	04/15/09	13.07
	05/11/09	12.41
	05/20/09	12.02
	06/10/09	11.18
	06/18/09	10.68
	06/23/09	10.56
	07/08/09	10.16
	07/21/09	9.86

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

WS-2 (cont'd)	08/04/09	9.34
	08/12/09	9.19
	09/16/09	8.77
	09/30/09	8.77
	10/15/09	8.63
	11/11/09	9.19
	12/23/09	10.85
	01/27/10	11.22
	02/22/10	11.81
	04/03/10	12.16
	04/14/10	13.54
	05/05/10	11.80
	05/18/10	11.61
WS-3	01/11/08	10.50
	02/26/08	10.17
	06/25/08	10.21
MW-1	11/27/07	11.55
	12/19/07	11.89
	01/11/08	11.98
	02/26/08	11.85
	06/26/08	11.64
	08/22/08	10.84
	09/16/08	10.92
	10/22/08	11.06
	11/24/08	11.32
	12/01/08	11.43
	12/09/08	11.51
	12/19/08	11.61
	12/30/08	11.72
	01/06/09	11.78
	01/20/09	11.76
	01/27/09	11.43
	02/03/09	11.54
	02/10/09	11.54
	02/17/09	11.52
	02/24/09	11.52
	03/10/09	11.74
	03/17/09	11.68
	03/27/09	12.01
	04/02/09	12.07
	04/08/09	12.13
	04/15/09	12.00
	04/28/09	11.97

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-1 (cont'd)	05/11/09	11.72
	05/20/09	11.61
	05/27/09	11.50
	06/10/09	10.78
	06/18/09	10.78
	06/23/09	10.71
	07/08/09	11.00
	07/21/09	11.07
	08/04/09	10.99
	08/12/09	10.94
	09/16/09	10.85
	09/30/09	10.82
	10/15/09	10.82
	11/03/09	10.71
	11/11/09	10.80
	12/23/09	11.23
	01/27/10	11.67
	02/02/10	11.78
	03/24/10	11.83
	04/03/10	11.67
	05/18/10	11.65
	06/30/10	9.66
MW-2	11/27/07	11.84
	12/19/07	12.15
	01/11/08	12.28
	02/26/08	12.09
	06/26/08	11.99
	11/18/08	11.70
	02/17/09	11.96
	05/11/09	12.15
	08/04/09	11.62
	11/11/09	11.38
	02/17/10	11.64
	02/22/10	12.16
	03/24/10	12.18
	04/03/10	12.11
	04/14/10	12.20
	05/05/10	12.13
	05/18/10	12.02
MW-3	11/27/07	11.28
	12/19/07	11.64
	01/11/08	11.83
	02/26/08	11.48
	06/26/08	11.40
	11/18/08	11.04

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Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Faciiity ID 2000220, Release ID EMHB

MW-3 (cont'd)	02/17/09	11.26
	05/11/09	11.50
	08/04/09	10.80
	11/11/09	10.62
	02/17/10	12.16
	02/22/10	11.56
	03/24/10	11.95
	04/03/10	11.42
	04/14/10	11.67
	05/05/10	11.56
	05/18/10	11.33
MW-4	11/27/07	12.36
	12/19/07	12.36
	01/11/08	12.62
	02/26/08	12.15
	06/26/08	11.70
MW-5	01/11/08	15.11
	02/26/08	15.59
	06/26/08	14.77
	08/22/08	12.85
	09/16/08	12.93
	10/22/08	12.82
	10/29/08	12.85
	11/18/08	13.24
	12/01/08	13.51
	12/09/08	13.75
	12/19/08	14.10
	12/30/08	14.26
	01/06/09	14.44
	01/20/09	14.42
	01/27/09	14.38
	02/03/09	14.39
	02/10/09	14.43
	02/17/09	14.51
	02/24/09	14.73
	03/03/09	14.91
	03/10/09	15.13
	03/17/09	15.28
	03/27/09	15.49
	04/02/09	15.58
	04/08/09	15.67
	04/15/09	15.73
	04/28/09	15.67

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-5 (cont'd)	05/11/09	15.35
	05/20/09	15.61
	05/27/09	14.71
	06/10/09	14.64
	06/18/09	14.33
	06/23/09	14.26
	07/08/09	13.67
	07/21/09	13.33
	08/04/09	13.05
	08/12/09	12.78
	09/16/09	12.48
	09/30/09	12.37
	10/15/09	11.85
	11/03/09	12.11
	11/11/09	12.31
	12/23/09	13.44
	02/17/10	14.15
	02/22/10	14.62
	03/24/10	14.73
	04/03/10	14.82
	04/14/10	14.78
	05/05/10	14.31
	05/18/10	13.94
MW-6	01/11/08	12.20
	02/26/08	11.74
	06/26/08	11.62
	04/02/09	12.24
MW-7	01/11/08	12.55
	02/26/08	12.07
	06/26/08	11.91
	04/02/09	12.57
MW-8	01/11/08	12.95
	02/26/08	12.44
	06/26/08	12.04
MW-9	01/11/08	15.05
	02/26/08	14.54
	06/26/08	14.37
	11/18/08	13.61
	01/09/09	14.67
	01/27/09	14.11
	02/03/09	14.28
	02/17/09	14.20
	02/24/09	14.23

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-9 (cont'd)	03/03/09	14.20
	03/10/09	14.13
	03/17/09	14.07
	03/27/09	14.88
	04/02/09	15.02
	04/08/09	15.10
	04/15/09	14.98
	04/28/09	14.87
	05/11/09	14.84
	05/20/09	14.36
	05/27/09	13.74
	06/10/09	13.24
	06/18/09	12.57
	06/23/09	12.66
	07/08/09	13.09
	07/21/09	13.29
	08/04/09	13.34
	08/12/09	13.29
	09/16/09	13.13
	09/30/09	12.90
	10/15/09	13.39
	11/11/09	12.92
	12/23/09	13.91
	02/22/10	14.51
	03/24/10	14.65
	05/18/10	14.03
	06/30/10	11.02
MW-11	01/11/08	10.08
	02/26/08	10.52
	06/26/08	10.35
	10/22/08	9.42
MW-12	01/11/08	10.60
	02/26/08	8.92
	06/26/08	8.72
	02/17/09	7.98
	02/24/09	8.00
	03/10/09	8.45
	03/17/09	8.58
	03/27/09	8.75
	04/02/09	8.86
	04/08/09	8.92
	04/15/09	8.40
	05/05/09	8.26
	05/11/09	8.46

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-12 (cont'd)	05/20/09	8.21
	05/27/09	8.41
	06/10/09	7.75
	06/18/09	7.68
	06/23/09	7.56
	07/08/09	7.96
	07/21/09	7.90
	08/04/09	7.33
	08/12/09	7.26
	09/16/09	7.58
	09/30/09	7.30
	10/15/09	7.13
	11/03/09	7.24
	05/18/10	8.43
	06/30/10	6.59
MW-13	01/11/08	9.94
	02/26/08	8.98
	06/26/08	9.83
MW-14	01/11/08	12.34
	02/26/08	12.23
	06/26/08	12.07
	11/18/08	11.15
	12/01/08	11.31
	12/09/08	11.43
	01/27/09	11.41
	02/03/09	11.41
	02/10/09	11.40
	02/17/09	11.38
	02/24/09	11.39
	03/10/09	11.86
	03/17/09	11.98
	03/27/09	12.31
	04/02/09	12.43
	04/08/09	12.52
	04/15/09	12.16
	04/28/09	12.23
	05/05/09	11.81
	05/11/09	11.96
	05/20/09	11.76
	05/27/09	11.82
	06/10/09	11.25
	06/18/09	11.07
	06/23/09	10.91

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-14 (cont'd)	07/08/09	11.27
	07/21/09	11.27
	08/04/09	10.90
	08/12/09	10.86
	09/16/09	10.87
	09/30/09	10.41
	10/15/09	10.58
	11/03/09	10.59
	05/18/10	11.87
	06/30/10	9.87
MW-15	02/26/08	12.51
MW-17	02/26/08	14.56
	11/18/08	13.19
	02/17/09	14.17
	05/11/09	14.46
	07/21/09	13.20
	08/04/09	13.30
	11/11/09	12.67
	02/22/10	14.41
	05/18/10	14.15
MW-18	02/26/08	18.48
MW-19	10/22/08	14.78
	11/18/08	14.99
	02/17/09	14.67
	05/11/09	16.39
	08/04/09	15.02
	11/11/09	14.54
	02/22/10	16.04
	05/18/10	15.77
MW-20	10/22/08	15.40
	11/18/08	15.68
	02/17/09	15.86
	05/11/09	16.98
	08/04/09	15.72
	11/11/09	15.11
	02/22/10	16.81
	04/03/10	16.87
	04/14/10	16.85
	05/05/10	16.77
	05/18/10	16.55
MW-21	10/22/08	10.05
	11/18/08	10.17
	02/17/09	11.00
	05/11/09	11.52
	08/04/09	9.82

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-21 (cont'd)	11/11/09	9.52
	02/22/10	10.85
	05/18/10	10.30
MW-22	10/22/08	12.70
	11/18/08	10.18
	11/24/08	10.28
	02/17/09	13.20
	05/11/09	10.47
	08/04/09	10.05
	11/11/09	9.35
	02/22/10	11.28
	03/24/10	11.20
	04/03/10	11.26
	04/14/10	11.22
	05/05/10	10.59
	05/18/10	10.30
MW-23	10/22/08	8.61
	11/18/08	12.93
	11/24/08	13.03
	12/09/08	13.30
	02/17/09	13.28
	03/27/09	14.12
	04/08/09	14.28
	04/15/09	14.33
	04/28/09	14.37
	05/11/09	14.29
	05/20/09	14.19
	05/27/09	14.08
	06/10/09	13.94
	06/18/09	13.81
	06/23/09	13.76
	07/08/09	13.56
	07/21/09	13.39
	08/04/09	13.10
	08/12/09	13.02
	09/16/09	12.65
	09/30/09	12.55
	10/15/09	12.33
	11/03/09	12.29
	11/11/09	12.40
	12/23/09	13.01
	01/27/10	13.66
	02/22/10	13.84
	03/24/10	13.89

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-23 (cont'd)	04/03/10	13.92
	04/14/10	13.90
	05/05/10	13.39
	05/18/10	13.24
MW-24	10/22/08	9.99
	11/18/08	8.78
	11/24/08	8.88
	02/17/09	9.96
	05/11/09	11.88
	08/04/09	8.60
	11/11/09	8.07
	02/22/10	9.77
	05/18/10	9.00
MW-25	10/22/08	14.24
	11/18/08	14.48
	02/17/09	15.16
	05/11/09	16.04
	08/04/09	14.29
	11/11/09	14.01
	02/22/10	15.53
	05/18/10	15.15
MW-26	10/22/08	12.61
	11/18/08	13.18
	02/17/09	13.94
	05/11/09	14.82
	08/04/09	13.00
	11/11/09	12.50
	02/22/10	14.30
	03/24/10	14.41
	04/03/10	14.46
	04/14/10	14.45
	05/05/10	13.94
	05/18/10	13.77
MW-27	10/22/08	12.42
	11/18/08	12.74
	02/17/09	13.65
	05/11/09	14.43
	08/04/09	12.52
	11/11/09	11.95
	02/22/10	13.87
	03/24/10	13.97
	04/03/10	14.01
	04/14/10	13.97
	05/05/10	13.44
	05/18/10	13.26

Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

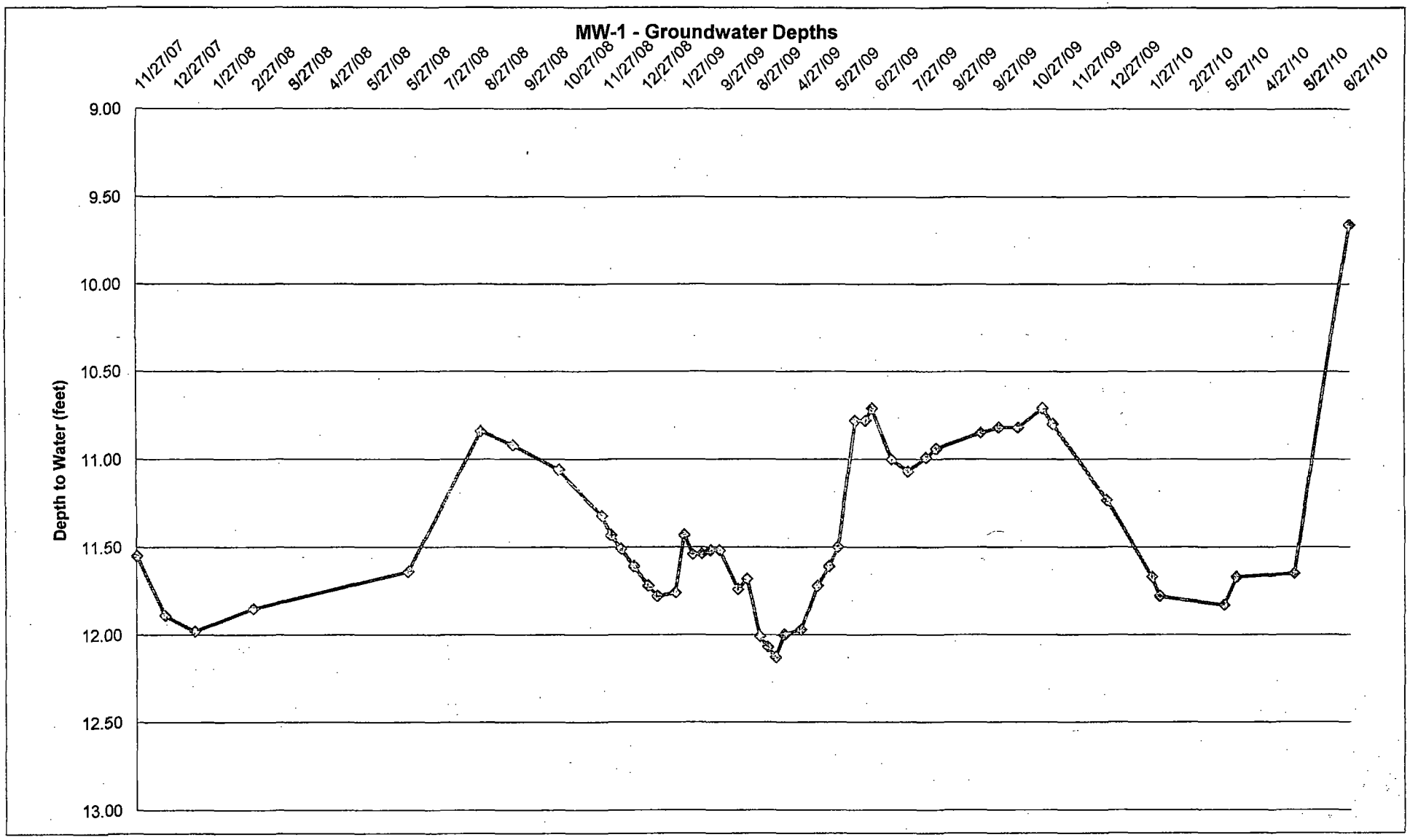
MW-28	10/22/08	13.41
	11/18/08	13.76
	02/17/09	13.47
	05/11/09	15.57
	08/04/09	13.93
	11/11/09	12.93
	02/22/10	14.98
	05/18/10	14.66
MW-29	10/22/08	13.75
	11/18/08	13.99
	02/17/09	14.07
	05/11/09	15.27
	08/04/09	13.75
	05/18/10	14.99
MW-30	10/22/08	10.97
	11/18/08	11.08
	02/17/09	11.31
	05/11/09	11.51
	08/04/09	10.74
	11/11/09	10.63
	02/22/10	11.54
	05/18/10	11.42
MW-31	10/22/08	10.94
	11/18/08	11.15
	02/17/09	12.33
	05/11/09	13.02
	08/04/09	11.04
	11/11/09	10.29
	02/22/10	12.14
	05/18/10	11.34
MW-32	05/11/09	9.25
	08/04/09	8.87
	11/11/09	8.75
	02/22/10	9.08
	05/18/10	8.80
MW-33	05/11/09	14.95
	06/10/09	14.62
	08/04/09	14.92
	11/11/09	15.42
	02/22/10	15.38
	05/18/10	15.04
MW-34	05/11/09	17.93
	08/04/09	14.51
	11/11/09	14.05
	02/22/10	17.31
	05/18/10	16.89

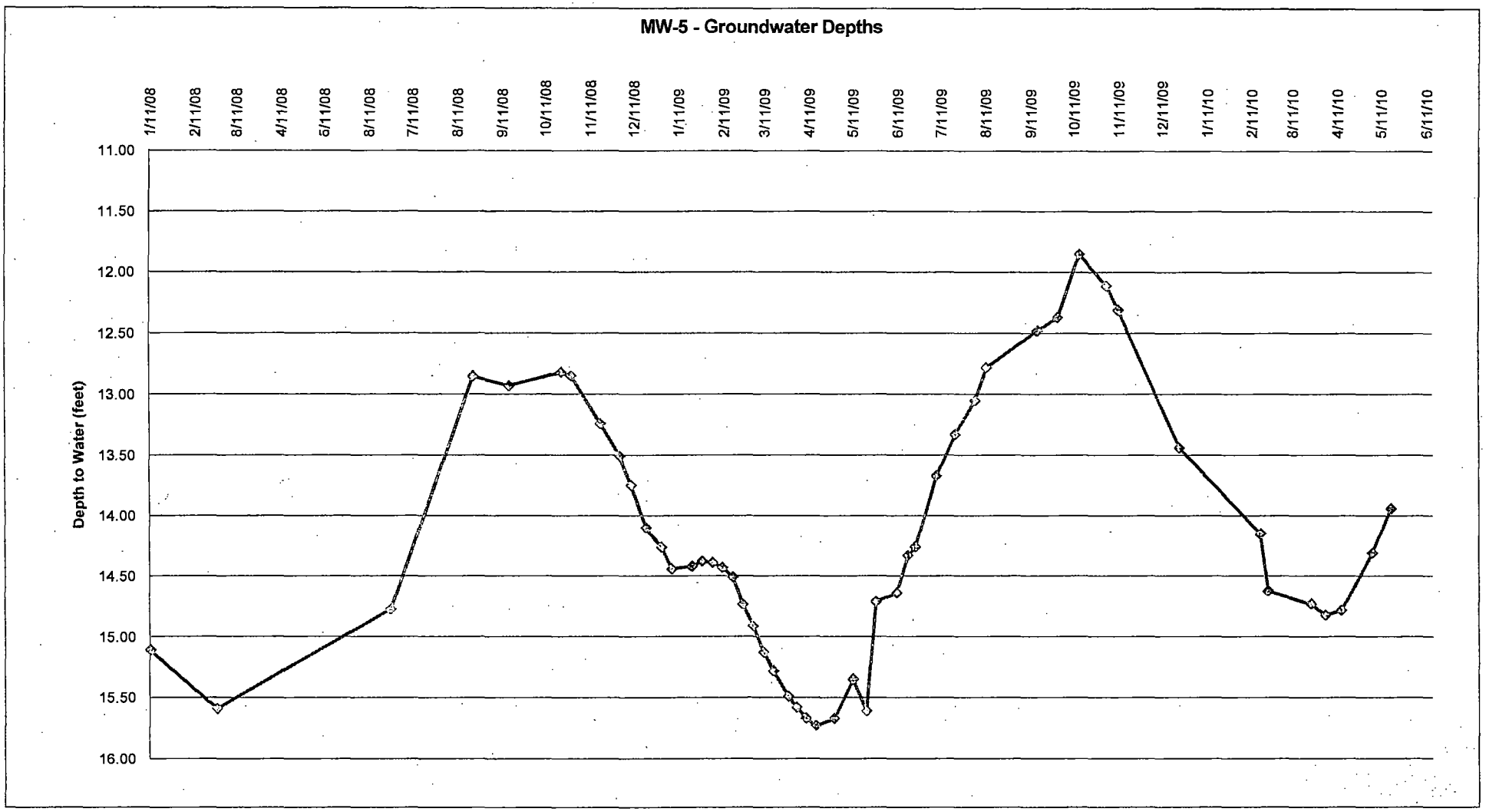
Table 3
Historical Depth to Groundwater
Updated on 06/30/2010
Gunnison Remediation
15 **South Main Street**
Gunnison, Utah
Facility ID 2000220, **Release ID EMHB**

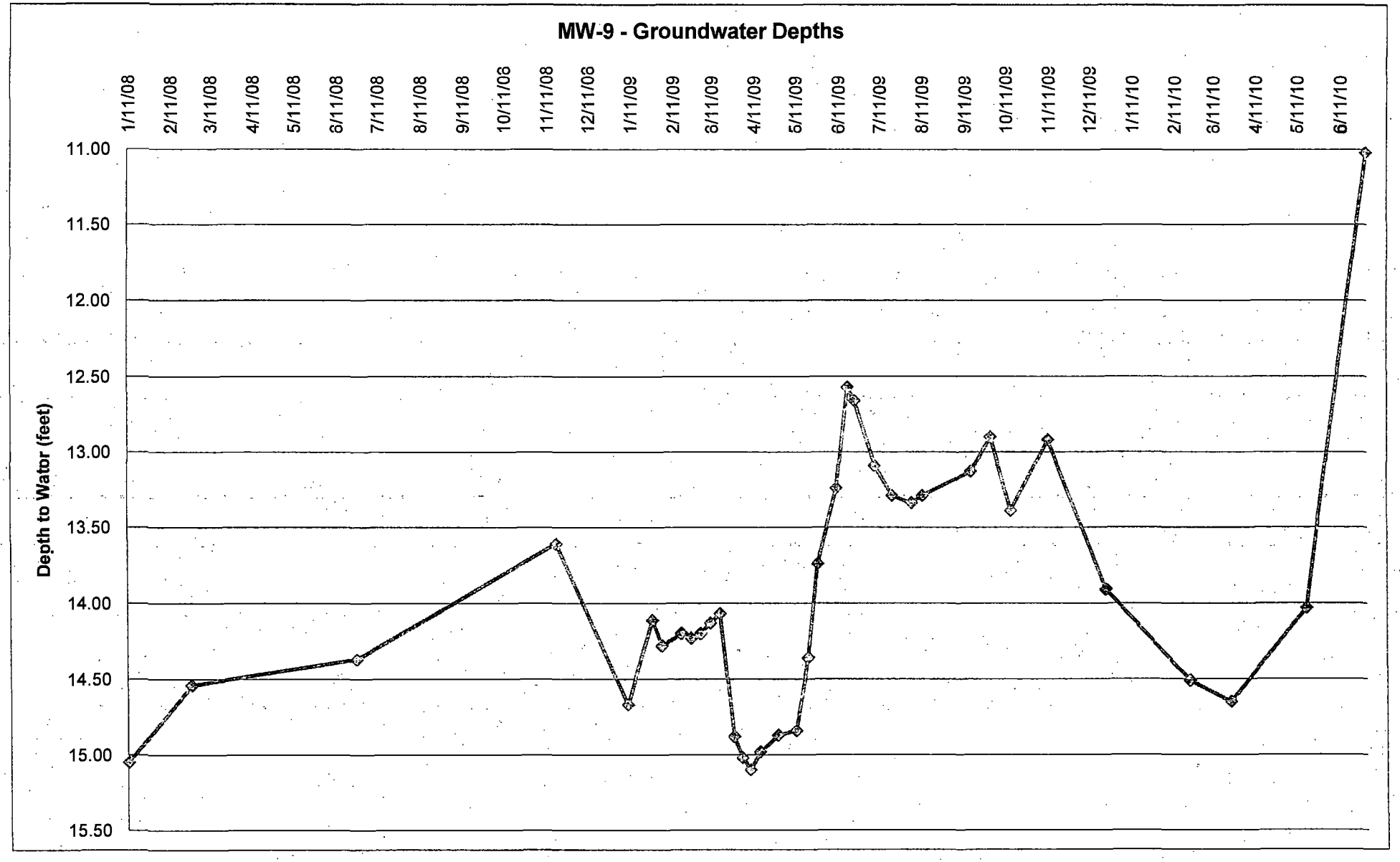
MW-35	05/11/09	15.73
	08/04/09	13.86
	11/11/09	13.14
	02/22/10	15.24
	05/18/10	14.93
MW-36	05/11/09	11.76
	08/04/09	9.37
	11/11/09	9.02
	02/22/10	11.09
	04/03/10	11.18
	04/14/10	10.98
	05/05/10	10.24
	05/18/10	10.08
MW-37	05/11/09	16.64
	08/04/09	14.45
	11/11/09	14.02
	01/27/10	15.15
	02/22/10	15.38
	02/22/10	15.38
	03/24/10	15.44
	04/03/10	15.41
	04/14/10	15.45
	05/05/10	15.32
	05/18/10	15.15
MW-38	11/11/09	15.91
	02/22/10	17.31
	05/18/10	17.05
MW-39	11/11/09	15.59
	02/22/10	16.91
	05/18/10	16.63
MW-40	11/11/09	15.57
	02/22/10	16.71
	05/18/10	16.47

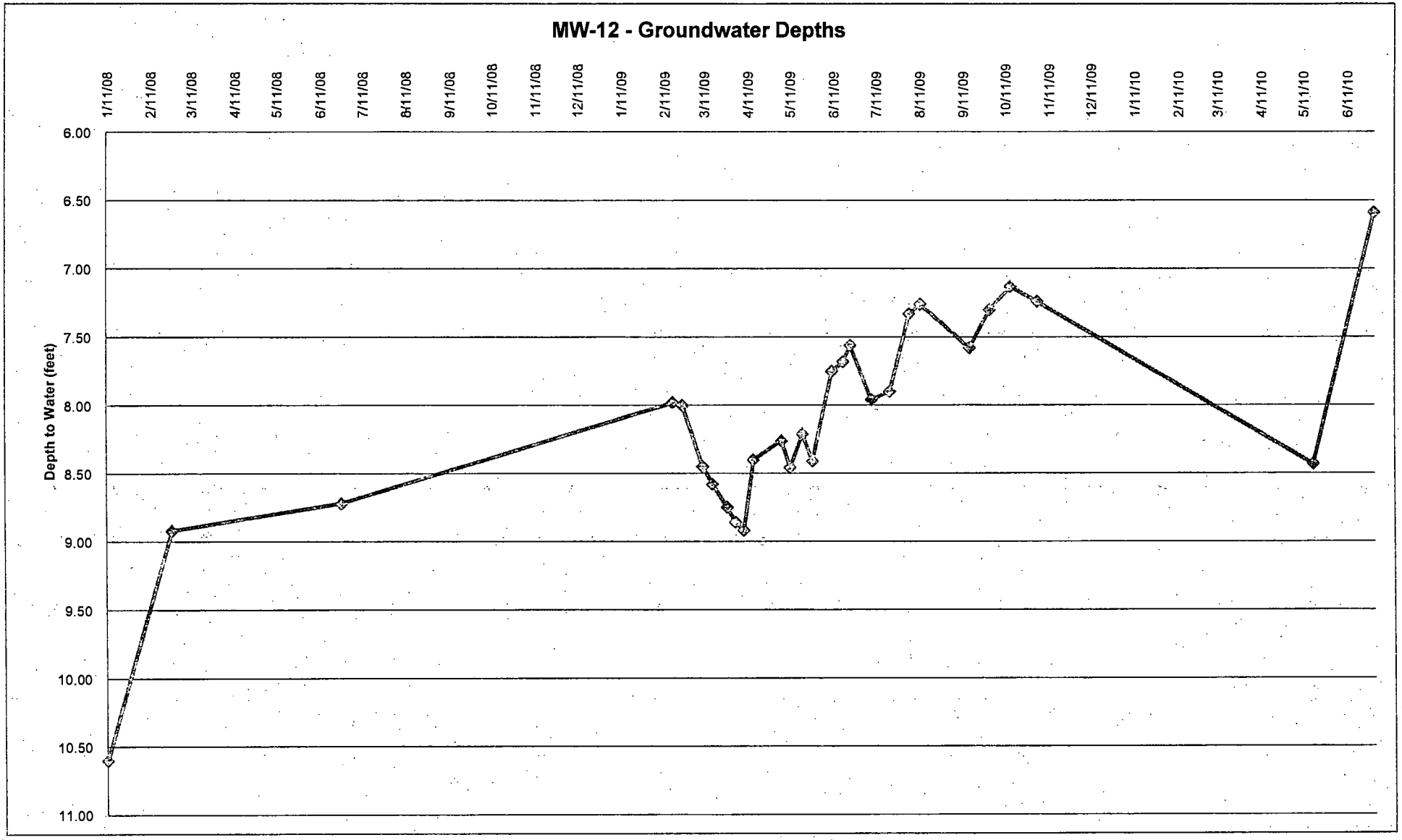
APPENDIX B

HISTORICAL GROUNDWATER DEPTHS GRAPHS


MW-1 - Groundwater Depths
Depth to Water (feet)
9.00
9.50
10.00
10.50
11.00
11.50
12.00
12.50
13.00
11/27/07
12/27/07
1/27/08
2/27/08
3/27/08
4/27/08
5/27/08
5/27/08
7/27/08
8/27/08
9/27/08
10/27/08
11/27/08
12/27/08
1/27/09
3/27/09
3/27/09
4/27/09
5/27/09
6/27/09
7/27/09
9/27/09
9/27/09
10/27/09
11/27/09
12/27/09
1/27/10
2/27/10
5/27/10
4/27/10
5/27/10
6/27/10


MW-5 - Groundwater Depths
Depth to Water (feet)
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00
1/11/08
2/11/08
8/11/08
4/11/08
5/11/08
8/11/08
7/11/08
8/11/08
9/11/08
10/11/08
11/11/08
12/11/08
1/11/09
2/11/09
3/11/09
4/11/09
5/11/09
6/11/09
7/11/09
8/11/09
9/11/09
10/11/09
11/11/09
12/11/09
1/11/10
2/11/10
8/11/10
4/11/10
5/11/10
6/11/10


MW-9 - Groundwater Depths
Depth to Water (feet)
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
1/11/08
2/11/08
3/11/08
4/11/08
5/11/08
6/11/08
7/11/08
8/11/08
9/11/08
10/11/08
11/11/08
12/11/08
1/11/09
2/11/09
6/11/09
4/11/09
5/11/09
6/11/09
7/11/09
8/11/09
9/11/09
10/11/09
11/11/09
12/11/09
1/11/10
2/11/10
6/11/10
4/11/10
5/11/10
6/11/10


MW-12 - Groundwater Depths
Depth to Water (feet)
6.00
6.50
7.00
7.50
8.00
8.50
9.00
9.50
10.00
10.50
11.00
1/11/08
2/11/08
3/11/08
4/11/08
5/11/08
6/11/08
7/11/08
8/11/08
9/11/08
10/11/08
11/11/08
12/11/08
1/11/09
2/11/09
3/11/09
4/11/09
5/11/09
6/11/09
7/11/09
8/11/09
9/11/09
10/11/09
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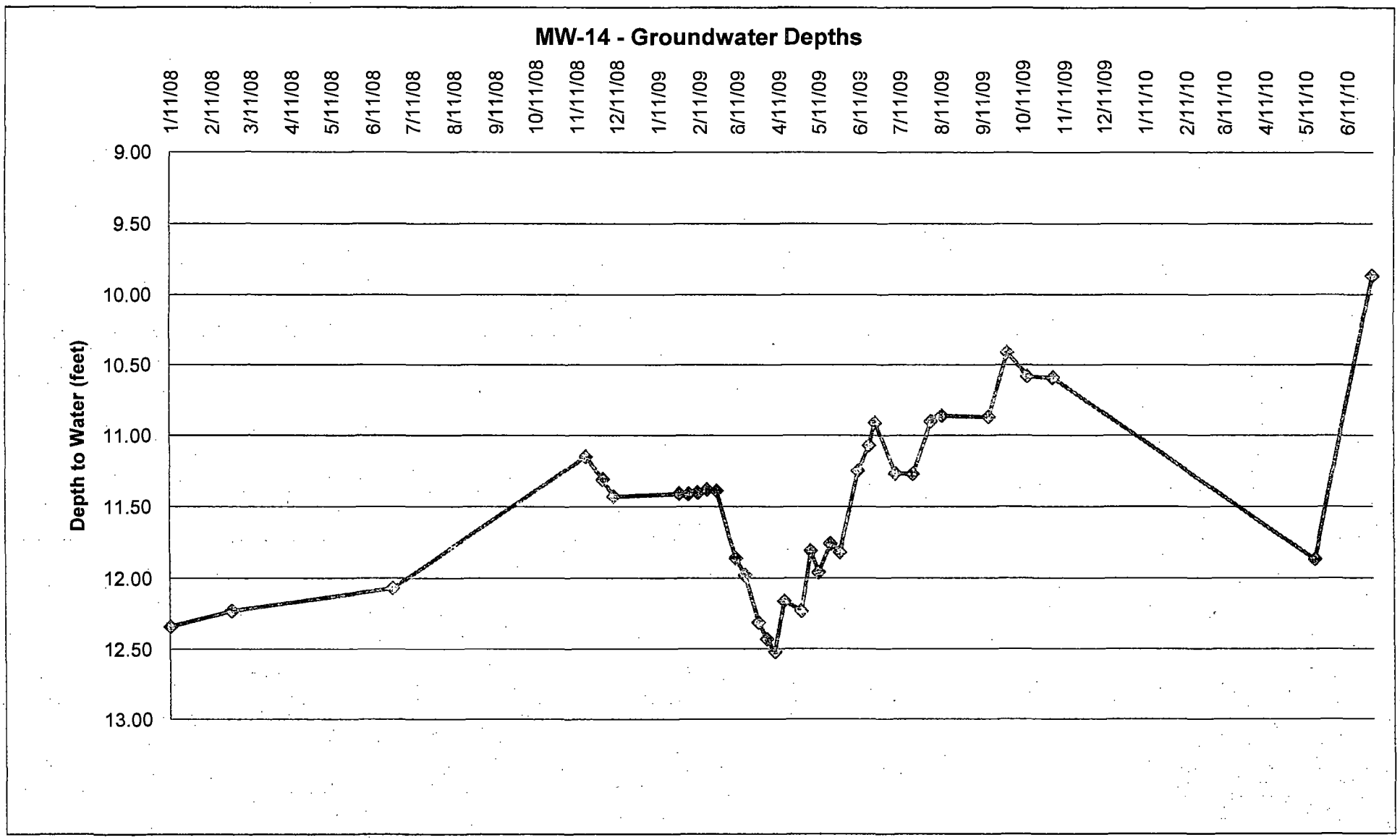
12/11/09
1/11/10
2/11/10
3/11/10
4/11/10
5/11/10
6/11/10


MW-14 - Groundwater Depths
Depth to Water (feet)
9.00
9.50
10.00
10.50
11.00
11.50
12.00
12.50
13.00
1/11/08
2/11/08
3/11/08
4/11/08
5/11/08
6/11/08
7/11/08
8/11/08
9/11/08
10/11/08
11/11/08
12/11/08
1/11/09
2/11/09
3/11/09
4/11/09
5/11/09
6/11/09
7/11/09
8/11/09
9/11/09
10/11/09
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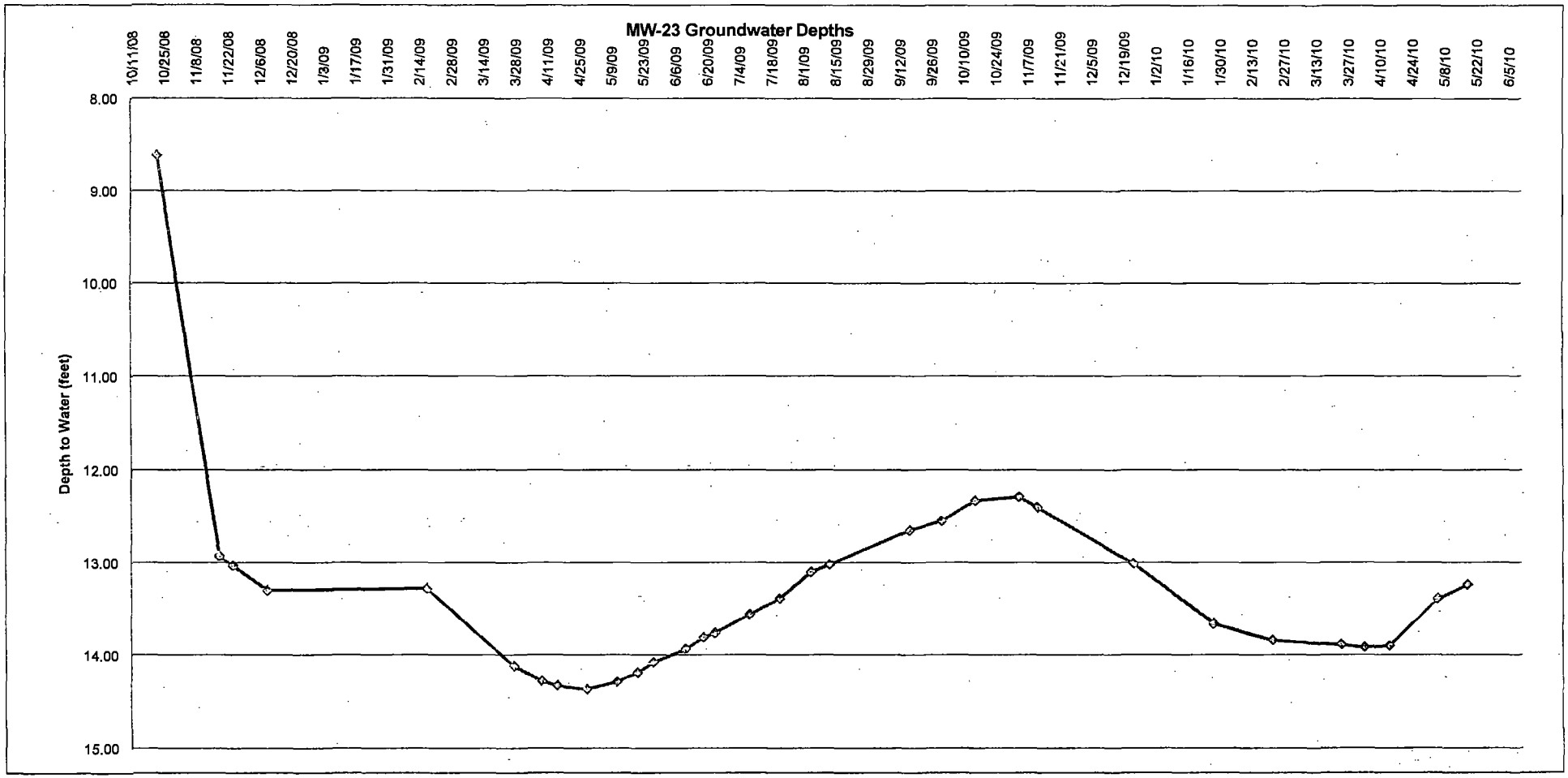
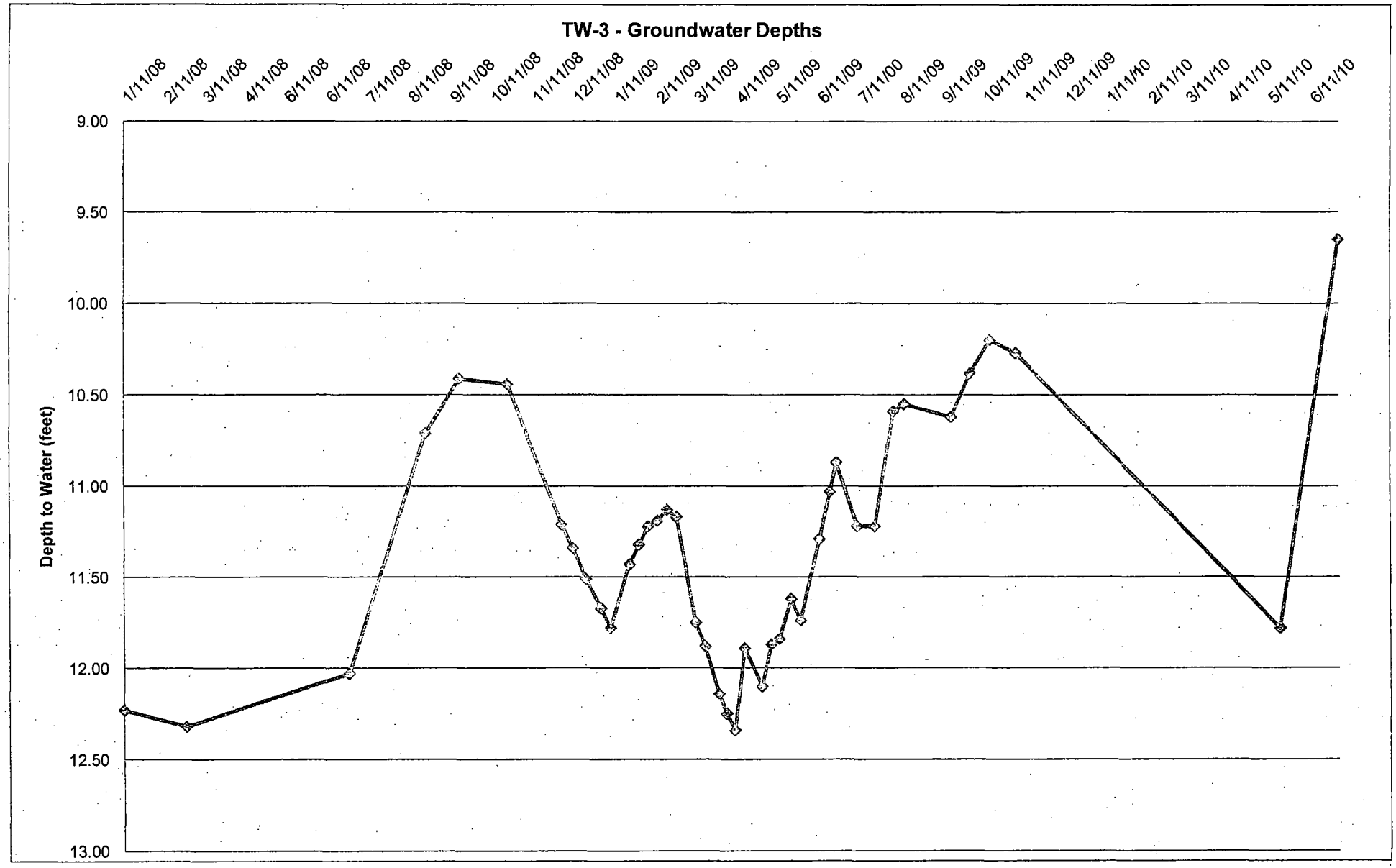
2/11/10
3/11/10
4/11/10
5/11/10
6/11/10


MW-23 Groundwater Depths
Depth to Water (feet)
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
10/11/08
10/25/08
11/8/08
11/22/08
12/6/08
12/20/08
1/3/09
1/17/09
1/31/09
2/14/09
2/28/09
3/14/09
3/28/09
4/11/09
4/25/09
5/9/09
5/23/09
6/6/09
6/20/09
7/4/09
7/18/09
8/1/09
8/15/09
8/29/09
9/12/09
9/26/09
10/10/09
10/24/09
11/7/09
11/21/09
12/5/09
12/19/09
1/2/10
1/16/10
1/30/10
2/13/10
2/27/10
3/13/10
3/27/10
4/10/10
4/24/10
5/8/10
5/22/10
6/5/10


TW-3 - Groundwater Depths
Depth to Water (feet)
9.00
9.50
10.00
10.50
11.00
11.50
12.00
12.50
13.00
1/11/08
2/11/08
3/11/08
4/11/08
6/11/08
6/11/08
7/11/08
8/11/08
9/11/08
10/11/08
11/11/08
12/11/08
1/11/09
2/11/09
3/11/09
4/11/09
5/11/09
6/11/09
7/11/00
8/11/09
9/11/09
10/11/09
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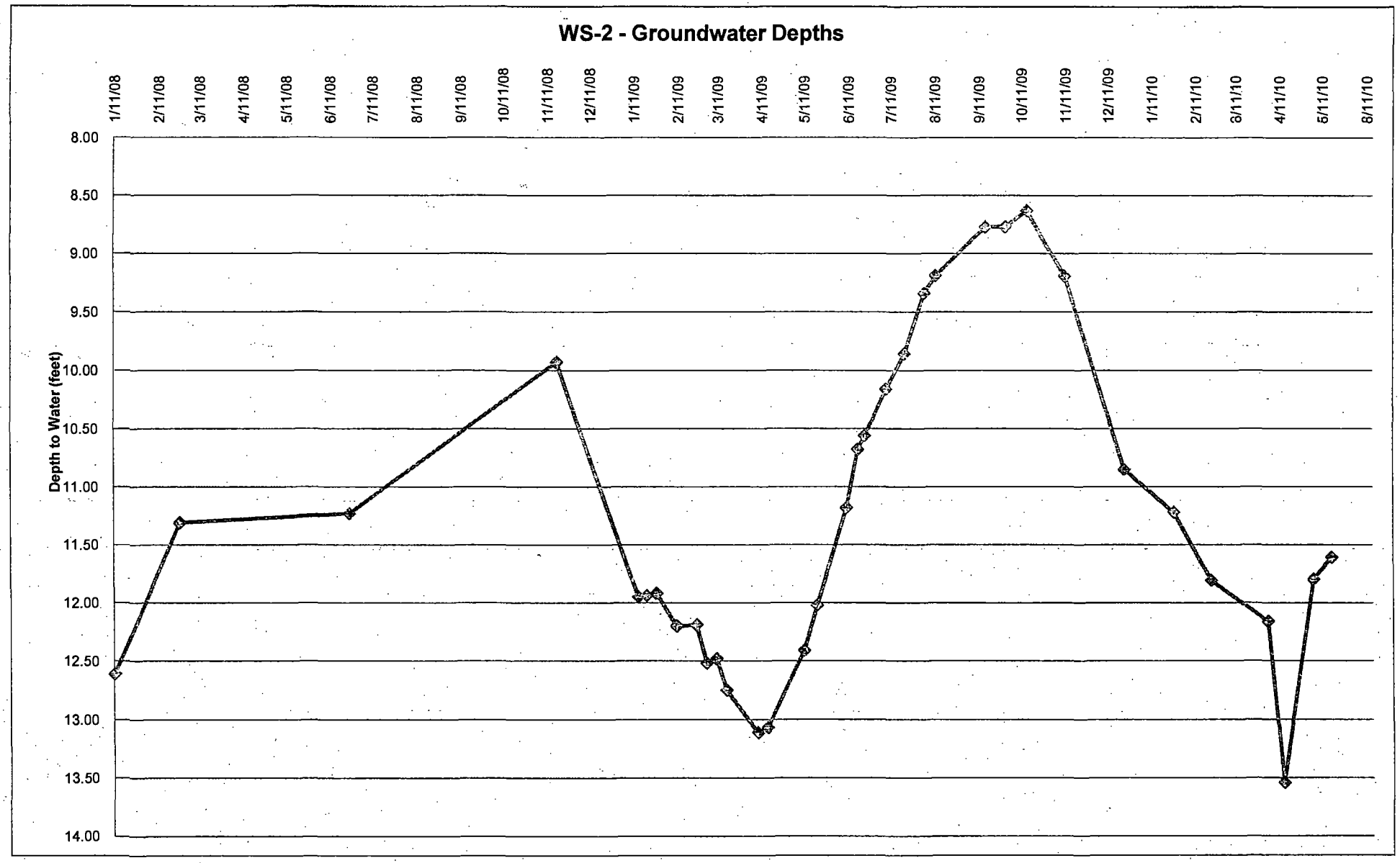
4/11/10
5/11/10
6/11/10


WS-2 - Groundwater Depths
Depth to Water (feet)
8.00
8.50
9.00
9.50
10.00
10.50
11.00
11.50
12.00
12.50
13.00
13.50
14.00
1/11/08
2/11/08
3/11/08
4/11/08
5/11/08
6/11/08
7/11/08
8/11/08
9/11/08
10/11/08
11/11/08
12/11/08
1/11/09
2/11/09
3/11/09
4/11/09
5/11/09
6/11/09
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11/11/09
12/11/09
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2/11/10
3/11/10
4/11/10
5/11/10
8/11/10

APPENDIX C

TABLE 4 – HISTORICAL GROUNDWATER CHEMISTRY

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
Initial Screening Levels		1	1	0.005	1	0.7	10	0.7	
MW-1	11/27/07	7.8	0.032	2.8	0.85	0.02	3.8	0.048	11.55
	1/11/08	4.6	<0.020	1.3	0.4	<0.020	1.6	0.051	11.98
	6/26/08	0.082	<0.020	0.029	0.003	<0.002	<0.002	0.039	11.64
MW-2	11/27/07	5.9	0.022	2.4	0.96	0.027	2.3	0.037	11.84
	6/26/08	0.46	0.025	0.13	0.0031	0.0028	0.063	0.054	11.99
	11/19/08	0.052	<0.020	0.01	<0.0020	<0.0020	<0.0020	0.0079	11.70
	2/18/09	0.47	<0.020	0.0047	<0.0020	<0.0020	<0.0020	0.0048	11.96
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.41
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.62
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	11.38
	2/23/2010	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.16
	5/20/2010	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.02
MW-3	11/27/07	9.7	0.041	2.6	2.5	0.2	3.9	0.071	11.28
	6/26/08	0.23	0.067	0.012	0.002	<0.002	0.015	0.065	11.40
	11/19/08	<0.020	<0.020	0.001	<0.0020	<0.0020	<0.020	0.0048	11.04
	2/18/09	0.027	<0.020	<0.010	<0.020	<0.020	<0.020	<0.020	11.26
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.50
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.80
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	10.62
	2/23/2010	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.56
MW-4	11/27/07	<0.020	<0.020	<0.002	<0.020	<0.020	<0.002	<0.002	12.36
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	11.70
MW-5	11/27/07	6.3	0.036	4	0.62	0.057	1.0	0.089	**NM**
	1/11/08	8.2	0.021	4.1	0.88	0.11	0.49	0.15	15.11
	6/26/08	0.73	0.099	0.043	<0.002	0.071	0.023	0.11	14.77
	11/19/08	1	0.260	0.0097	0.0026	0.19	0.0027	0.017	13.24
	2/18/09	4.8	0.130	0.0025	<0.0020	0.2	<0.0020	<0.0020	14.51

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
MW-5 (continued)	5/12/09	0.084	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	15.35
	8/6/09	0.086	---	0.001	<0.0020	<0.0020	0.0075	<0.0020	13.05
	11/11/09	<0.020	---	<0.0020	<0.0020	0.0032	<0.0020	<0.0020	12.31
	2/23/10	0.036	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.62
	5/20/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.94
MW-6	6/26/08	0.035	<0.020	<0.002	<0.002	<0.002	0.0034	0.0026	11.62
MW-7	1/11/08	3.9	<0.020	1.4	0.32	<0.020	1.5	<0.020	12.55
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	11.91
MW-8	1/11/08	4.7	0.020	0.9	0.21	<0.0020	1.8	0.081	12.95
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	12.04
MW-9	1/11/08	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	15.05
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	14.37
	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.61
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.20
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.84
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.34
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	12.92
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.51
MW-10		---	---	---	---	---	---	---	Dry
MW-11	1/11/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.08
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	10.35
MW-12	1/11/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.60
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	8.72
MW-13	1/11/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.94
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	9.83

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
MW-14	1/11/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.34
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	12.07
	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.15
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.38
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.96
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.90
	5/19/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.87
MW-15	2/27/08	1.1	<0.020	0.49	0.039	<0.0020	0.45	0.0043	12.51
	6/26/08*	---	---	---	---	---	---	---	---
MW-16	---	---	---	---	---	---	---	---	Dry
MW-17	2/27/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.56
	6/26/08	0.22	<0.020	0.089	<0.002	<0.002	0.024	0.0056	NM
	11/18/08	0.56	<0.020	0.28	0.0023	<0.0020	0.0034	0.0082	13.19
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.17
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.46
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.30
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	12.67
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.41
MW-18	6/26/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	NM
MW-19	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.99
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.67
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	16.39
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	15.02
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	14.54
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	16.04

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
MW-20	11/18/08	4.1	0.130	2.7	0.014	0.21	0.6	0.18	15.68
	2/19/09	14	0.170	2.6	0.068	0.6	0.72	0.16	15.86
	5/13/09	3	0.084	1.4	0.026	0.25	0.056	0.18	16.98
	8/5/09	2.7	---	1.3	0.037	0.33	0.035	0.2	15.72
	11/11/09	5.3	---	1.3	0.028	0.3	0.027	0.22	15.11
	2/23/10	1.6	---	0.67	0.015	0.19	0.0066	0.053	16.81
	5/20/10	1.3	---	0.39	0.0089	0.076	0.0065	0.032	16.55
MW-21	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.17
	2/19/09	<0.020	<0.020	<0.0010	0.0025	<0.0020	<0.0020	<0.0020	11.00
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.52
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.82
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	9.52
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.85
	5/19/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.30
MW-22	11/18/08	1.2	0.044	0.42	0.013	<0.0020	0.0034	0.11	10.18
	2/19/09	2.3	0.034	0.21	0.0069	0.003	0.004	0.0094	13.20
	5/13/09	0.42	<0.020	0.24	0.0035	<0.0020	<0.0020	<0.0020	10.47
	8/5/09	0.32	---	0.19	0.003	0.0035	<0.0020	0.0089	10.05
	11/11/09	1.7	---	0.44	0.0074	0.0027	0.0024	0.027	9.35
	2/23/10	0.22	---	0.11	0.0027	0.018	<0.0020	0.0020	11.28
	5/20/10	0.58	---	0.22	0.023	0.013	0.16	0.0089	10.30
MW-23	11/18/08	11	<1.0	1.2	0.4	0.9	2.1	0.22	12.93
	2/19/09	16	<0.40	1.3	0.091	1.6	2.9	0.49	13.28
	5/12/09	2.7	<0.20	0.47	0.046	0.72	0.78	0.063	14.29
	8/5/09	2.8	---	0.57	0.025	0.81	0.7	0.22	13.10
	11/11/09	2.5	---	0.2	0.0094	0.4	0.31	0.21	12.40

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
MW-23 (continued)	2/23/10	1.7	---	0.090	0.0021	0.39	0.40	0.17	13.84
	5/20/10	0.73	---	0.065	0.0050	0.25	0.029	0.11	13.24
MW-24	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	8.78
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.96
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.88
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	8.60
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	6.07
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.77
	5/19/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.00
MW-25	11/18/08	2	0.380	0.42	0.021	0.24	0.29	0.17	14.48
	2/19/09	13	0.220	0.19	0.012	0.28	0.25	0.12	15.16
	5/12/09	0.61	0.028	0.031	<0.0020	0.033	0.0052	0.044	16.04
	8/5/09	0.61	---	0.029	0.0022	0.055	0.0054	0.059	14.29
	11/11/09	0.5	---	0.0052	<0.0020	0.0094	<0.0020	0.0086	14.01
	2/23/10	0.45	---	0.0024	<0.0020	0.036	<0.0020	0.033	15.53
	5/19/10	0.32	---	0.0023	<0.0020	0.0023	<0.0020	0.0078	15.15
MW-26	11/18/08	4.9	<0.40	1.1	0.044	0.19	0.27	0.061	13.18
	2/19/09	9.9	0.570	1.2	0.064	0.71	1	0.62	13.94
	5/12/09	1.9	0.130	0.38	0.015	0.2	0.087	0.076	14.82
	8/5/09	0.7	---	0.21	0.008	0.059	0.021	0.086	13.00
	11/11/09	2.3	---	0.24	0.15	0.15	0.14	0.092	12.50
	2/24/10	1.3	---	0.10	0.0066	0.23	0.17	0.12	14.30
	5/20/10	0.65	---	0.047	0.0063	0.053	0.037	0.029	13.77
MW-27	11/18/08	94	<2.0	26	36	2.9	16	0.26	12.74
	2/19/09	100	<4.0	35	41	3.2	21	<0.40	13.65
	5/12/09	44	<0.40	13	18	1.0	7.8	0.2	14.43

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
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Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
MW-27 (continued)	8/5/09	51	---	13	24	1.8	10	0.3	12.52
	11/11/09	120	---	22	54	4.1	34	0.57	11.95
	2/24/09	41	---	9.0	19	1.5	9.0	0.27	13.87
	5/20/10	43	---	9.0	20	1.4	9.7	0.23	13.26
MW-28	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.76
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.47
	5/12/09	<0.020	<0.020	0.0036	<0.0020	<0.0020	<0.0020	<0.0020	15.57
	8/5/09	<0.020	---	<.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.93
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	12.93
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.98
	5/19/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.66
MW-29	11/18/08	20	<0.20	0.1	<0.020	0.56	2.7	0.28	13.99
	2/19/09	11	0.410	0.022	<0.020	0.24	0.55	0.22	14.07
	5/13/09	2.1	0.220	<0.010	<0.020	0.076	0.13	0.094	15.27
	8/6/09	1.2	---	<0.0010	<0.0020	0.025	0.014	0.057	13.75
	5/19/10	1.1	---	<0.0010	<0.0020	0.0054	<0.0020	0.011	14.99
MW-30	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.08
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.002	<0.0020	11.31
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.51
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.74
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	10.63
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.54
MW-31	11/18/08	<0.020	<0.020	<0.0010	<0.0020	0.0027	0.0056	0.0034	11.15
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.33
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.02
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.04

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
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Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
MW-31 (continued)	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	10.29
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.14
	5/19/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.34
MW-32	5/13/09	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	9.25
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	8.87
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	8.75
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.08
	5/19/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	8.80
MW-33	5/13/09	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	14.95
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.92
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	15.42
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	15.38
MW-34	5/13/09	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	17.93
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.51
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	14.05
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	17.31
	5/19/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	16.89
MW-35	5/12/09	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	15.73
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.86
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	13.14
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	15.24
	5/19/10	<0.0020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.93
MW-36	5/13/09	0.047	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	11.76
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.6020	9.37
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	9.02
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.09
	5/20/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.08

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
MW-37	5/13/09	2.3	0.064	0.67	0.011	0.13	0.0027	0.11	16.64
	8/5/09	1.2	---	0.46	0.0086	<0.0020	<0.0020	0.027	14.45
	11/11/09	1.3	---	0.078	<0.0020	0.0021	0.0043	<0.0020	14.02
	2/24/10	0.55	---	0.085	0.0034	0.0071	<0.0020	<0.0020	15.38
	5/20/10	0.19	---	0.0033	<0.0020	<0.0020	<0.0020	<0.0020	15.15
MW-38	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	15.91
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	17.31
MW-39	11/11/09	<0.020	---	0.0021	<0.0020	<0.0020	0.003	<0.0020	15.59
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	16.91
	5/19/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	16.63
MW-40	11/11/09	0.69	---	0.026	<0.0020	<0.0020	0.0041	<0.0020	15.57
	2/24/10	0.29	---	0.022	<0.0020	0.0021	<0.0020	<0.0020	16.71
	5/19/10	0.12	---	0.0017	<0.0020	<0.0020	<0.0020	<0.0020	16.47
TW-1	11/27/07	8.6	0.041	3	0.96	0.0046	3.9	0.097	16.24
	1/4/08	5.8	<0.020	1.2	0.50	<0.0020	2.4	0.11	NM
	6/26/08	0.081	<0.020	0.0071	<0.002	<0.002	0.027	0.01	12.29
TW-2	6/26/08	0.92	0.092	0.038	0.0068	<0.002	0.44	0.056	12.76
TW-3	11/27/07	1.6	<0.020	0.42	0.16	<0.020	0.62	0.032	NM
	1/4/08	0.56	<0.020	0.059	0.0093	<0.002	0.25	0.019	NM
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	12.03
TW-4	1/11/08	27	0.110	6	3.8	0.6	6.4	0.26	17.93
	6/26/08	50	0.930	4.3	11	3.3	27	1.3	15.95
TW-6	6/26/08	27	0.930	0.6	2.9	1.7	18	1.1	13.46
WS-1	8/14/2007	0.12	NS	0.018	0.0071	<0.0020	0.0022	<0.0020	NM
	12/13/2007	19	0.200	2.4	2.2	0.6	3.7	0.17	NM
	1/11/2008	37	<0.200	5.7	3.2	1.1	5.6	0.23	13.19
	6/25/2008	12	<0.020	2.2	3.6	0.32	4.9	0.12	11.62

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylenes (mg/L)	Naph-thalene (mg/L)	Depth to Groundwater (ft)
WS-2	8/14/2007	<0.020	NS	0	<0.0020	<0.0020	<0.0020	<0.0020	NM
	12/13/2007	7	0.025	2.1	1.9	0.14	0.96	0.02	NM
	1/11/2008	0.088	<0.020	0.058	0.011	0.012	0.043	0.0021	12.61
	6/25/2008	7.4	<0.020	3.8	0.41	0.23	2.5	<0.02	11.23
	11/19/2008	3.1	0.082	0.39	0.21	0.11	0.32	0.063	9.93
	2/19/2009	12	0.073	0.82	0.58	0.19	0.85	0.077	12.19
	5/12/2009	18	<.40	2.4	3.3	1.5	7	0.97	12.41
	8/6/2009	<0.020	---	<0.0010	<0.0020	<0.0020	0.0024	<0.0020	9.34
	11/11/2009	13	---	1.9	1.5	0.81	3	0.2	9.19
	2/23/2010	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.81
	5/20/2010	3.4	---	0.66	0.52	0.20	1.3	0.091	11.61
WS-3	12/13/2007	6.9	0.500	0.12	<0.020	0.28	<0.020	0.1	NM
	1/11/2008	9.2	<0.020	0.22	<0.020	0.38	0.049	0.084	10.50
	6/25/2008	0.25	0.077	0.081	<0.002	0.017	0.0073	<0.002	10.21
INITIAL SCREENING LEVEL		1	1	0.005	1	0.7	10	0.7	

TPH (GRO) = Total Petroleum Hydrocarbons (Gasoline Range C6 to C10)
TPH (DRO) = Total Petroleum Hydrocarbons (Diesel Range C11 to C15)
< = Concentrations less than the given instrument detection level
SHADED = Measured concentration exceeds Utah Initial Screening Level

*** Note: MW-15 could not be located**
*** Note: MW-10 was dry**
NS - Not Sampled
NM - Not Measured

APPENDIX D

MAY 2010 QUARTERLY MONITORING – GROUNDWATER LABORATORY ANALYSES

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Les Pennington
Wasatch Environmental
2410 West California Avenue
Salt Lake City, UT 84104
TEL: (801) 972-8400

RE: Gunnison Remediation / 1241-026A

Dear Les Pennington: Lab Set ID: 1005396

American West Analytical Laboratories received 22 sample(s) on 5/21/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

Thank You,

Approved by: _____
Laboratory Director or designee

All analysas applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-001A
Client Sample ID: MW-2
Collection Date: 5/20/2010 2:22:00 PM
Analyzed: 5/21/2010 1:01:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	99.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.9	
Surr: Dibromofluoromethane	1868-53-7	80-124	99.2	
Surr: Toluene-d8	2037-26-5	80-125	101	

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Jose Rocha
QA Officer

Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-002A
Client Sample ID: MW-5
Collection Date: 5/20/2010 9:40:00 AM
Analyzed: 5/21/2010 1:20:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	99.4	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	101	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	101	

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Jose Rocha
QA Officer

Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-003A
Chent Sample ID: MW-14
Collection Date: 5/19/2010 9:05:00 AM
Analyzed: 5/21/2010 1:56:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.7	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.0	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	99.9	

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-004A
Client Sample ID: MW-20
Collection Date: 5/20/2010 3:30:00 PM
Analyzed: 5/21/2010 2:15:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.010	0.39	D
Ethylbenzene	100-41-4	0.0020	0.076	
Naphthalene	91-20-3	0.0020	0.032	
Toluene	108-88-3	0.0020	0.0089	
Xylenes, Total	1330-20-7	0.0020	0.0065	
TPH C6-C10 (GRO)		0.020	1.3	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.8	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	97.6	
Surr: Dibromofluoromethane	1868-53-7	80-124	94.5	
Surr: Toluene-d8	2037-26-5	80-125	98.5	

D - This analyte was obtained from a 1:10 dilution.

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-005A
Client Sample ID: MW-21
Collection Date: 5/19/2010 12:12:00 PM
Analyzed: 5/21/2010 3:52:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.7	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.4	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	101	

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-006A
Client Sample ID: MW-22
Collection Date: 5/20/2010 10:15:00 AM
Analyzed: 5/21/2010 4:21:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.22	
Ethylbenzene	100-41-4	0.0020	0.013	
Naphthalene	91-20-3	0.0020	0.0089	
Toluene	108-88-3	0.0020	0.023	
Xylenes, Total	1330-20-7	0.0020	0.16	
TPH C6-C10 (GRO)		0.020	0.58	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.8	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.9	
Surr: Dibromofluoromethane	1868-53-7	80-124	97.7	
Surr: Toluene-d8	2037-26-5	80-125	99.5	

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-007A
Client Sample ID: MW-23
Collection Date: 5/20/2010 3:20:00 PM
Analyzed: 5/21/2010 5:41:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.065	
Ethylbenzene	100-41-4	0.0020	0.25	
Naphthalene	91-20-3	0.0020	0.11	
Toluene	108-88-3	0.0020	0.0050	
Xylenes, Total	1330-20-7	0.0020	0.029	
TPH C6-C10 (GRO)		0.020	0.73	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.6	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.7	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.1	
Surr: Toluene-d8	2037-26-5	80-125	102	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-008A
Client Sample ID: MW-24
Collection Date: 5/19/2010 12:30:00 PM
Analyzed: 5/21/2010 6:00:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.0	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.2	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.7	
Surr: Toluene-d8	2037-26-5	80-125	101	

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Jose Rocha
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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-009A
Client Sample ID: MW-25
Collection Date: 5/19/2010 1:20:00 PM
Analyzed: 5/21/2010 6:19:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.0023	
Ethylbenzene	100-41-4	0.0020	0.0023	
Naphthalene	91-20-3	0.0020	0.0078	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	0.32	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.8	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	97.8	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.8	
Surr: Toluene-d8	2037-26-5	80-125	99.9	

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Jose Rocha
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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-010A
Client Sample ID: MW-26
Collection Date: 5/20/2010 12:00:00 PM
Analyzed: 5/21/2010 6:53:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.047	
Ethylbenzene	100-41-4	0.0020	0.053	
Naphthalene	91-20-3	0.0020	0.029	
Toluene	108-88-3	0.0020	0.0063	
Xylenes, Total	1330-20-7	0.0020	0.037	
TPH C6-C10 (GRO)		0.020	0.65	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.7	
Surr: Dibromofluoromethane	1868-53-7	80-124	97.9	
Surr: Toluene-d8	2037-26-5	80-125	98.6	

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-011A
Client Sample ID: MW-27
Collection Date: 5/20/2010 11:40:00 AM
Analyzed: 5/24/2010 9:58:00 AM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 50

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.050	9.0	
Ethylbenzene	100-41-4	0.10	1.4	
Naphthalene	91-20-3	0.10	0.23	
Toluene	108-88-3	1.0	20	
Xylenes, Total	1330-20-7	0.10	9.7	
TPH C6-C10 (GRO)		1.0	43	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	95.9	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	105	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.3	
Surr: Toluene-d8	2037-26-5	80-125	101	

The reporting limits were raised due to high analyte concentrations.

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-012A
Client Sample ID: MW-28
Collection Date: 5/19/2010 1:49:00 PM
Analyzed: 5/21/2010 7:12:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.3	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.6	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	99.9	

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Jose Rocha
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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-013A
Client Sample ID: MW-29
Collection Date: 5/19/2010 2:10:00 PM
Analyzed: 5/21/2010 7:31:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	0.0054	
Naphthalene	91-20-3	0.0020	0.011	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	1.1	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.4	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.4	
Surr: Dibromofluoromethane	1868-53-7	80-124	99.0	
Surr: Toluene-d8	2037-26-5	80-125	99.3	

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-014A
Client Sample ID: MW-31
Collection Date: 5/19/2010 2:40:00 PM
Analyzed: 5/21/2010 8:04:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.7	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.2	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.9	
Surr: Toluene-d8	2037-26-5	80-125	100	

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Jose Rocha
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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-015A
Client Sample ID: MW-32
Collection Date: 5/19/2010 5:20:00 PM
Analyzed: 5/21/2010 8:23:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.9	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.7	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	100	

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-016A
Client Sample ID: MW-34
Collection Date: 5/19/2010 3:20:00 PM
Analyzed: 5/21/2010 8:55:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.0	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	101	

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-017A
Client Sample ID: MW-35
Collection Date: 5/19/2010 1:35:00 PM
Analyzed: 5/21/2010 9:14:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	99.2	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	100	
Surr: Dibromofluoromethane	1868-53-7	80-124	101	
Surr: Toluene-d8	2037-26-5	80-125	100	

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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-018A
Client Sample ID: MW-36
Collection Date: 5/20/2010 3:10:00 PM
Analyzed: 5/21/2010 9:41:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.7	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.1	
Surr: Dibromofluoromethane	1868-53-7	80-124	99.8	
Surr: Toluene-d8	2037-26-5	80-125	100	

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Jose Rocha
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Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-019A
Client Sample ID: MW-37
Collection Date: 5/20/2010 1:10:00 PM
Analyzed: 5/21/2010 10:00:00 PM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.0033	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	0.19	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.9	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.8	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.4	
Surr: Toluene-d8	2037-26-5	80-125	100	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

ORGANIC ANALYTICAL REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-020A
Client Sample ID: MW-39
Collection Date: 5/19/2010 10:30:00 AM
Analyzed: 5/22/2010 1:38:00 AM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroetbane-d4	17060-07-0	77-144	99.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.7	
Surr: Dibromofluoromethane	1868-53-7	80-124	99.1	
Surr: Toluene-d8	2037-26-5	80-125	100	

The pH of the sample was >2. Analysis was performed within the 7 day holding time.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-021A
Client Sample ID: MW-40
Collection Date: 5/19/2010 10:15:00 AM
Analyzed: 5/22/2010 1:57:00 AM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.0017	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	0.12	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.9	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.0	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.7	
Surr: Toluene-d8	2037-26-5	80-125	101	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Wasatch Environmental
Contact: Les Pennington
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1005396-022A
Client Sample ID: WS-2
Collection Date: 5/20/2010 11:15:00 AM
Analyzed: 5/22/2010 2:16:00 AM
Received Date: 5/21/2010
Method Used: SW8260C

Analytical Results — VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.010	0.66	D
Ethylbenzene	100-41-4	0.0020	0.20	
Naphthalene	91-20-3	0.0020	0.091	
Toluene	108-88-3	0.020	0.52	D
Xylenes, Total	1330-20-7	0.020	1.3	§
TPH C6-C10 (GRO)		0.020	3.4	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.2	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	98.4	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.7	
Surr: Toluene-d8	2037-26-5	80-125	101	

D - *This analyte was obtained from a 1:10 dilution.*
§ - *One or more constituents of this analyte were obtained from a 1:10 dilution.*

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American West Analytical Laboratories

WORK ORDER Summary

21-May-10

Work Order: 1005396
WO Type: Standard

Client ID:	WAS580	**Contact:**	Les Pemington
Project ID:		**PM:**	
Project:	Gunnison Remediation / 1241-026A	**QC Level:**	LEVEL I
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	HDK-DB HDK-DB

COMMENTS :
PA Rush;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hid	MS	SEL	Sub	Storage
1005396-001A	MW-2	5/20/2010 2:22:00 PM	5/21/2010 10:03:00 AM	6/2/2010	Aqueous	8260-W-PPM	☐	☐	☑	☐	Purge
1005396-002A	MW-5	5/20/2010 9:40:00 AM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-003A	MW-14	5/19/2010 9:05:00 AM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-004A	MW-20	5/20/2010 3:30:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-005A	MW-21	5/19/2010 12:12:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-006A	MW-22	5/20/2010 10:15:00 AM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-007A	MW-23	5/20/2010 3:20:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-008A	MW-24	5/19/2010 12:30:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-009A	MW-25	5/19/2010 1:20:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-010A	MW-26	5/20/2010 12:00:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-011A	MW-27	5/20/2010 11:40:00 AM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-012A	MW-28	5/19/2010 1:49:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-013A	MW-29	5/19/2010 2:10:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-014A	MW-31	5/19/2010 2:40:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-015A	MW-32	5/19/2010 5:20:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-016A	MW-34	5/19/2010 3:20:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-017A	MW-35	5/19/2010 1:35:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-018A	MW-36	5/20/2010 3:10:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-019A	MW-37	5/20/2010 1:10:00 PM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-020A	MW-39	5/19/2010 10:30:00 AM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge
1005396-021A	MW-40	5/19/2010 10:15:00 AM		6/2/2010		8260-W-PPM	☐	☐	☑	☐	Purge

WORK ORDER Summary

21-May-10

Work Order: 1005396
WO Type: Standard

Client ID:	WAS580	**Contact:**	Les Pennington
Project ID:		**PM:**	
Project:	Gunnison Remediation / 1241-026A	**QC Level:**	LEVEL I
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS :
PA Rush;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1005396-022A	WS-2	5/20/2010 11:15:00 AM	5/21/2010 10:03:00 AM	6/2/2010	Aqueous	8260-W-PPM	☐	☐	☑	☐	Purge

Client Wasatch Environmental, Inc.
Address 2410 W CA Ave.
SLC UT 84104
City State Zip
Phone 801-972-8400 Fax 801-972-8459
Contact Les Pennington
E-mail lp@wasatch-environmental.com
Project Name Gunnison Remediation
Project Number/P.O.# 1241-026A
Sampler Name Troy Smith

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115

CHAIN OF CUSTODY

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Lab Sample Set # 1005396
Page 1 of 2

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard

	Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	BTEXN 8260B	TPH-GRO 8260B										COMMENTS
1	MW-2	5-20-10 1422	W	3	✓	✓										
2	MW-5	" 1940	W	3	✓	✓										
3	MW-14	5-19-10 9:05	W	3	✓	✓										
4	MW-20	5-20-10 1530	W	3	✓	✓										
5	MW-21	5-19-10 1212	W	3	✓	✓										
6	MW-22	5-20-10 1015	W	3	✓	✓										
7	MW-23	" 1520	W	3	✓	✓										
8	MW-24	5-19-10 1230	W	3	✓	✓										
9	MW-25	" 1320	W	3	✓	✓										
10	MW-26	5/20/10 1200	W	3	✓	✓										
11	MW-27	" 1140	W	3	✓	✓										
12	MW-28	5/19/10 1349	W	3	✓	✓										

QC LEVEL
1 2 2+
3 3+ 4

Relinquished By: Signature	Date	Received By: Signature
Troy Smith	5/21/10	[illegible]
PRINT NAME: Troy Smith	Time: 1503	PRINT NAME: [illegible]
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes: n/a
3 Temperature 14°
4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:
5 Properly Preserved
Y N
Notes:
6 Received Within Holding Times
Y N
Notes:

COC Tape Was:
1 Present on Outer Package
Y N NA
2 Unbroken on Outer Package
Y N NA
3 Present on Sample
Y N NA
4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

Client Wasatch Environmental, Inc.
Address 2410 W CA Ave
SLC UT 84104
City State Zip
Phone 801-972-8400 Fax 801-972-8459
Contact Les Pennington
E-mail lp@wasatch-environmental.com
Project Name Gunnison Remediation
Project Number/P.O.# 1241-026A
Sampler Name Troy Smith

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Salt Lake City, Utah 84115

CHAIN OF CUSTODY

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Lab Sample Set # 1005396
Page 2 of 2

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard

QC LEVEL
1 2 2+
3 3+ 4

	Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	BTEXN 8260B	TPH-GRO 8260B	COMMENTS
13	MW-29	5/19/10 1410	W	3	✓	✓	
14	MW-31	" 1440	W	3	✓	✓	
15	MW-32	" 1720	W	3	✓	✓	
16	MW-34	" 1520	W	3	✓	✓	
17	MW-35	" 1335	W	3	✓	✓	
18	MW-36	5/20/10 1510	W	3	✓	✓	
19	MW-37	" 1310	W	3	✓	✓	
20	MW-39	5/19/10 1030	W	3	✓	✓	
21	MW-40	" 1015	W	3	✓	✓	
22	WS-2	5/20/10 1115	W	3	✓	✓	

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes:
3 Temperature 14°
4 Received Broken/Leaking (Improperly Sealed)
Y
Notes:
5 Properly Preserved
Y N
Notes:
6 Received Within Holding Times
Y N
Notes:

COC Tape Was:
1 Present on Outer Package
Y N NA
2 Unbroken on Outer Package
Y N NA
3 Present on Sample
Y N NA
4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

Relinquished By: Signature	Date	Received By: Signature
Troy Smith	5/21/10	Elma Hayward
PRINT NAME: Troy Smith	Time: 1002	PRINT NAME: Elma Hayward
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

APPENDIX E

TABLE 5 – NITRATE MONITORING DATA

Table 5
Nitrate Monitoirng Data
Nitrate Concentrations (mg/L) - compare to MCL of 44.3 mg/L
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Date of Sampling	Monitoring Well													
	MW-2	MW-3	MW-5	MW-20	MW-22	MW-23	MW-26	MW-27	MW-29	MW-36	MW-37	TW-4	TW-6	WS-2
2/16/2010	15.4	0.0	0.0	0.0	0.0	0.0	0.0	8.8	NM	0.0	0.0	13.2	4.4	4.4
3/2/2010	First Injection Event													
3/9/2010	NS	NS	0.0	NS	0.0	0.0	0.0	8.8	NM	11.0	NS	NS	NS	35.2
3/16/2010	4.4	13.2	0.0	0.0	0.0	0.0	0.0	13.2	NM	13.2	0.0	8.8	0.0	30.8
3/24/2010	0.0	13.2	0.0	0.0	8.8	0.0	0.0	8.8	NM	15.4	0.0	13.2	0.0	44.0
4/3/2010	4.4	13.2	0.0	0.0	4.4	0.0	0.0	8.8	NM	13.2	0.0	4.4	0.0	13.2
4/8/2010	Second Injection Event													
4/14/2010	4.4	8.8	0.0	4.4	8.8	0.0	0.0	13.2	NM	15.4	0.0	8.8	22.0	26.4
5/5/2010	6.6	8.8	0.0	0.0	0.0	0.0	4.4	11.0	NM	6.6	4.4	8.8	24.2	15.4
5/20/2010	4.4	8.8	0.0	0.0	0.0	0.0	4.4	8.8	NM	17.6	0.0	4.4	4.4	14.0
6/2/2010	4.4	13.2	8.8	0.0	4.4	0.0	4.4	11.0	NM	17.6	0.0	4.4	0.0	4.4
6/29/2010	13.2	17.6	13.2	0.0	6.6	0.0	4.4	13.2	0.0	19.8	4.4	6.6	4.4	35.2

Notes:
1. TW-4 and TW-6 are also Injection locations
2. NM - not monitored due to refusal of property owner to grant access to the property
3. MCL - maximum contaminant level
4. NS - not sampled because wells upgradient of these locations did not exhibit detectable nitrate concentrations