GW - 052

2011

AGWMR

04/16/2012

Cypress Engineering

7171 Highway 6 North, Suite 102
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April 16, 2012

Mr. Glenn von Gonten
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Report of 2010 Groundwater Remediation Activities
Roswell Station Remediation Site
Transwestern Pipeline Company, LLC
Chavez County, New Mexico
Case # GW-052

Enclosed for your review is the annual Report of 2010 Groundwater Remediation Activities for the Roswell Station remediation site. This report includes the results of groundwater assessment and remediation work completed at the site during 2010. A report for activities completed during 2011 will follow shortly.

If you have any questions or comments regarding this report, please contact me at (281) 797-3420 or Larry Campbell at (575) 625-8022.

Sincerely,

George Robinson

George Robinson
President/Principal Engineer

xc w/attachment:	Dave Cobrain	New Mexico Environment Department
	Thaddeus Kostrubala	New Mexico State Land Office
	Tim Gum	NMOCD Artesia District Office
	Richard Spell	Transwestern Pipeline Company (Houston, TX)
	Larry Campbell	Transwestern Pipeline Company (Roswell, NM)

Report of 2010 Groundwater Remediation Activities

Transwestern Pipeline Company, LLC
Roswell Station Remediation Site
Chaves County, New Mexico

CASE # GW-052

Submitted to:
New Mexico Oil Conservation Division

April 10, 2012

Prepared For:
Transwestern Pipeline Company
6381 North Main Street
Roswell, NM 88201

Prepared by:
Cypress Engineering Services, Inc.
7171 Highway 6 North, Ste. 102
Houston, Texas 77095

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1. Introduction

The last report of groundwater remediation activities covered activities completed through December 2009. This report presents a summary of monitoring and remediation activities completed during calendar year 2010.

2. Groundwater Monitoring Activities

2.1 Semiannual Groundwater Sampling Events

Two semi-annual groundwater sampling events were completed during the reporting period. These events were completed in March 2010 and September 2010.

Prior to sampling, the depth to water, and the depth to hydrocarbon where phase separated hydrocarbon (PSH) was present, was determined for each monitor well and recovery well. The measured depths and the corresponding water table elevation for each monitor well and recovery well is presented in Tables 1 and 2.

In the course of each sample event, groundwater samples were collected from selected monitor wells at the site in accordance with the site sampling analysis plan. As a matter of standard operating procedure, samples were not collected from monitor wells with accumulated PSH in the well casing. Groundwater samples were delivered to a laboratory for analysis for benzene, toluene, ethylbenzene, and xylene (BTEX) by EPA Method 8021B. Samples from three wells located at the north end of the site were submitted for analysis for volatile organic compounds (VOCs) by EPA Method 8260B.

A summary of field measured groundwater quality parameters (pH, temperature, electrical conductivity and dissolved oxygen) obtained in the course of sampling is presented in Table 3. An updated summary of laboratory results for organic compounds (BTEX and other VOCs) is presented in Table 4. Analyses for inorganic constituents were discontinued in 2003, however, for reference, a summary of laboratory results for inorganic constituents measured during prior sampling events is presented in Table 5.

A copy of the laboratory reports for the two semiannual groundwater sampling events are included in Appendix D.

2.2 Results/Conclusions from Groundwater Sampling Events

2.2.1 Occurrence and Direction of Groundwater Flow

A water table elevation map based on measurements obtained in the course of the March 2010 sampling event is included as Figure 2. The information presented in Figure 2 appears to define a complex groundwater system with some areas of low flow and other areas of preferential flow. The apparent direction of groundwater flow is consistent with water table elevation maps previously developed for this site and is also consistent with the distribution of contaminants in the uppermost aquifer.

Hydrographs for selected monitoring wells with no accumulated PSH are included in Appendix A. The hydrographs show a history of water table elevation change since depth to water

measurements were first recorded at the site in 1996. There is a sharp decline in the water table elevation following startup of the groundwater recovery and treatment system in April 2004. The hydrographs indicate about a two to four foot decline in the water table during the 6 year period between April 2004 and March 2010. A continued decline in the water table is anticipated and is beneficial to the remediation effort.

2.2.2 Lateral Extent of Phase Separated Hydrocarbon

Within the "uppermost aquifer", the lateral extent of PSH is currently defined by the occurrence of PSH at the water table in 14 wells and the absence of PSH in all other wells. The thickness of accumulated PSH in monitor wells and multi-phase extraction (MPE) wells is presented in Tables 1 and 2. A figure indicating the estimated area with PSH present at the water table is included as Figure 3. Also indicated in Figure 3 is the estimated maximum extent of PSH measured at the site in March 2005. The current lateral extent of PSH covers an area about 60% the size of the estimated maximum extent indicating that the remediation system is effectively reducing the size of the impacted area.

In March 2005, accumulated PSH was measured in 23 wells within the "uppermost aquifer"; operation of the remediation system has reduced this to 16 wells. In most wells where accumulated PSH has persisted, the measured thickness of PSH has decreased significantly since active remediation efforts began in 2004. This can be seen graphically in the hydrographs presented in Appendix B.

A shallow perched zone was identified during the initial site investigation activities. The perched zone is very limited in lateral extent and occurs at a depth of about 30-35 feet, which is about 30 feet above the depth of the "uppermost aquifer". There are 9 SVE wells completed within the perched zone. In March 2010, depth to water measurements indicated that two of the 9 shallow SVE wells were dry; the remaining shallow SVE wells contained less than five feet of water column. In addition, one of the shallow SVE wells contained a measurable accumulation of PSH and one other contained a sheen of PSH. The estimated lateral extent of PSH in the shallow perched zone is indicated in Figure 4.

2.2.3 Condition of Affected Groundwater

The primary constituent of concern is benzene. Additional constituents of concern are 111-trichloroethane, 11-dichloroethane, and 11-dichloroethene (11-DCE). In March 2010, laboratory results for groundwater samples indicated that only benzene and 11-DCE were measured at concentrations above NMWQCC standards.

A site diagram indicating the distribution of benzene in groundwater is included as Figure 5. The present lateral extent of dissolved phase benzene is contained within an area just slightly greater than the lateral extent of PSH. The maximum historic extent of benzene in groundwater is also indicated in Figure 5. It is apparent that the present lateral extent of benzene is considerably smaller than the maximum historic extent of benzene.

A site diagram indicating the distribution of 11-DCE in groundwater is included as Figure 6. The small plume of dissolved-phase 11-DCE does not appear to be closely associated with the presence of accumulated PSH.

Startup of the groundwater recovery system appears to have accelerated natural attenuation processes and has resulted in a decrease in contaminant concentrations at most sampling

locations. It is anticipated that contaminant concentrations will continue to decline with continued operation of the groundwater remediation system.

3. Status of Remediation Activities

3.1 Remediation Activities Completed through December 2010

The following remediation activities were completed during the reporting period:

1) Two routine semiannual groundwater sampling events were completed on March 22, 2010 and September 23, 2010.
2) The SVE system operated intermittently during 2010 due to mechanical problems with the thermal oxidizers.
3) The groundwater recovery, treatment, and irrigation system operated from mid-June through mid-November 2010.
4) Four monthly water treatment and irrigation system sampling events were completed during the period that the groundwater recovery and irrigation system was in operation. Laboratory results are presented in Table 10. Copies of the laboratory reports are included in Appendix D.

4. Proposed Modifications

4.1 Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan (SAP) will continue on a semi-annual basis. A summary of the sample analysis plan is presented in Table 7.

4.2 Modifications to the Remediation System

There were no planned modifications to the remediation system for 2011.

4.3 Reporting Frequency

Reporting of groundwater monitoring and remediation activities will continue on an annual basis.

5. Progress Toward Project Completion

The Phase I and Phase II components of the remediation system have been installed and are in operation as described in the "Conceptual Remedial Design and Discharge Plan Modification" document dated September 10, 2002. The SVE component of the system has been in operation since March 2003 and the groundwater recovery system has been in operation since April 2004.

Based upon a review of groundwater sample results, operation of the groundwater remediation system appears to have accelerated natural attenuation processes and has resulted in a decrease in contaminant concentrations at most sampling locations.

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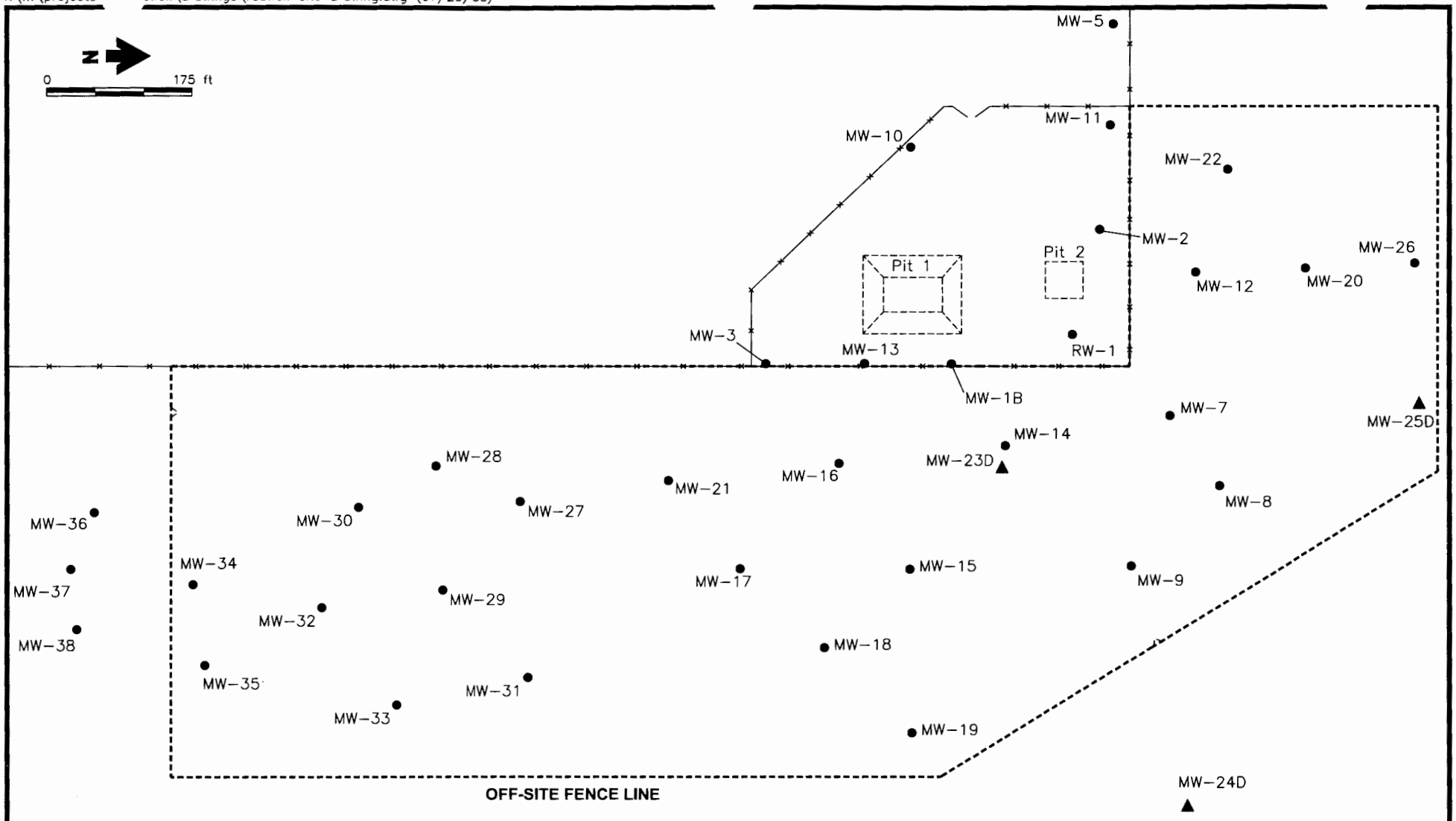

LEGEND

- ● Monitor well
- ▲ Deep monitor well
- ○ Multiphase Extraction Well
- ⊘ MPE & Soil Vaper Extraction Well Cluster

ROSWELL STATION REMEDIATION SITE

Monitor Well Locations

CYPRESS ENGINEERING SERVICES, INC.

Figure 1

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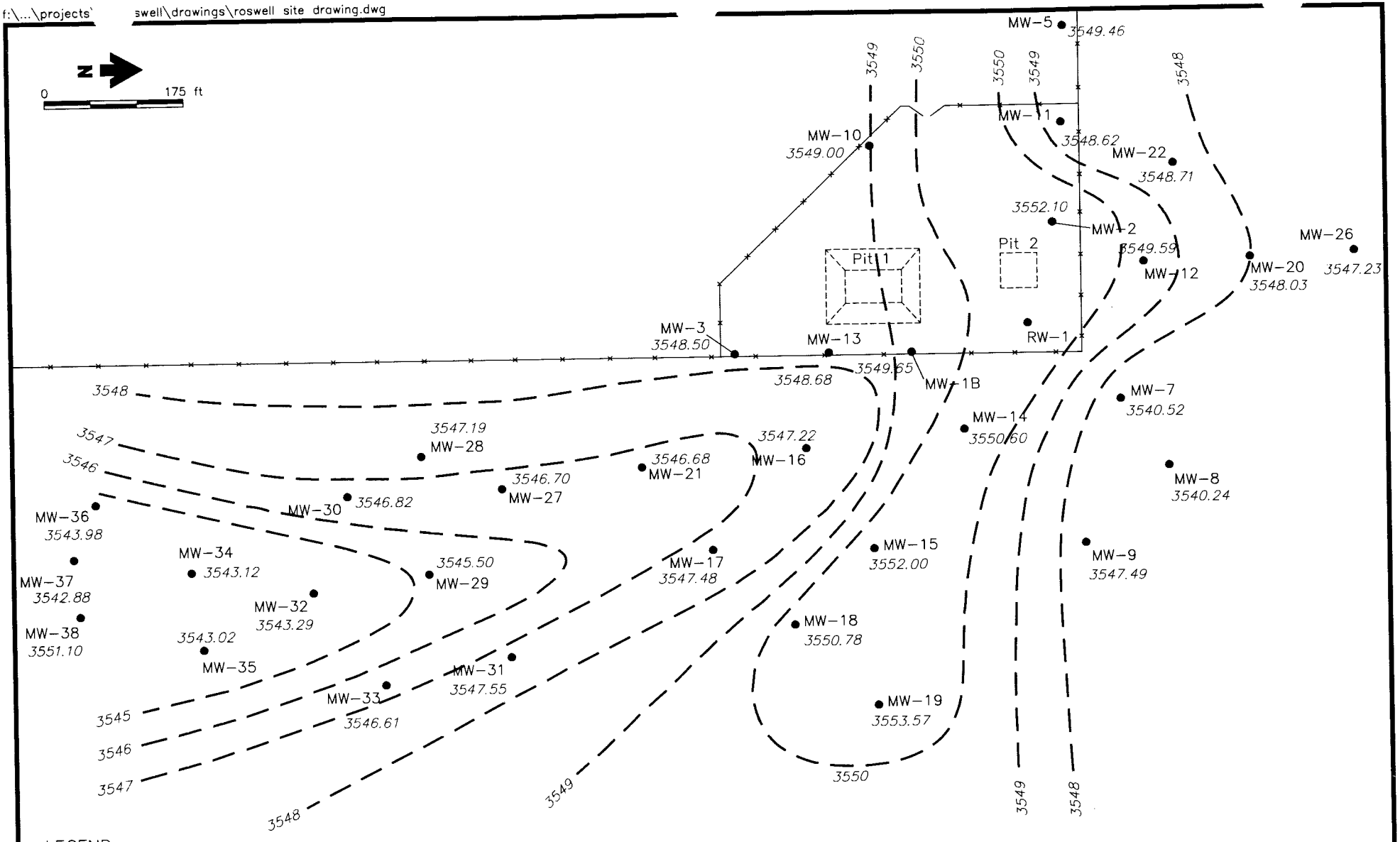

LEGEND

- Monitor well
- Deep monitor well
- Multiphase Extraction Well
- MPE & Soil Vaper Extraction Well Cluster
- 3551.97 Water level elevation (ft msl) (Note: *NM* = Not Measured)
- 3549 Elevation contour (ft msl)

ROSWELL STATION REMEDIATION SITE

Groundwater Surface Elevations in the Uppermost Aquifer

March 22, 2010

CYPRESS ENGINEERING SERVICES, INC.

Figure 2

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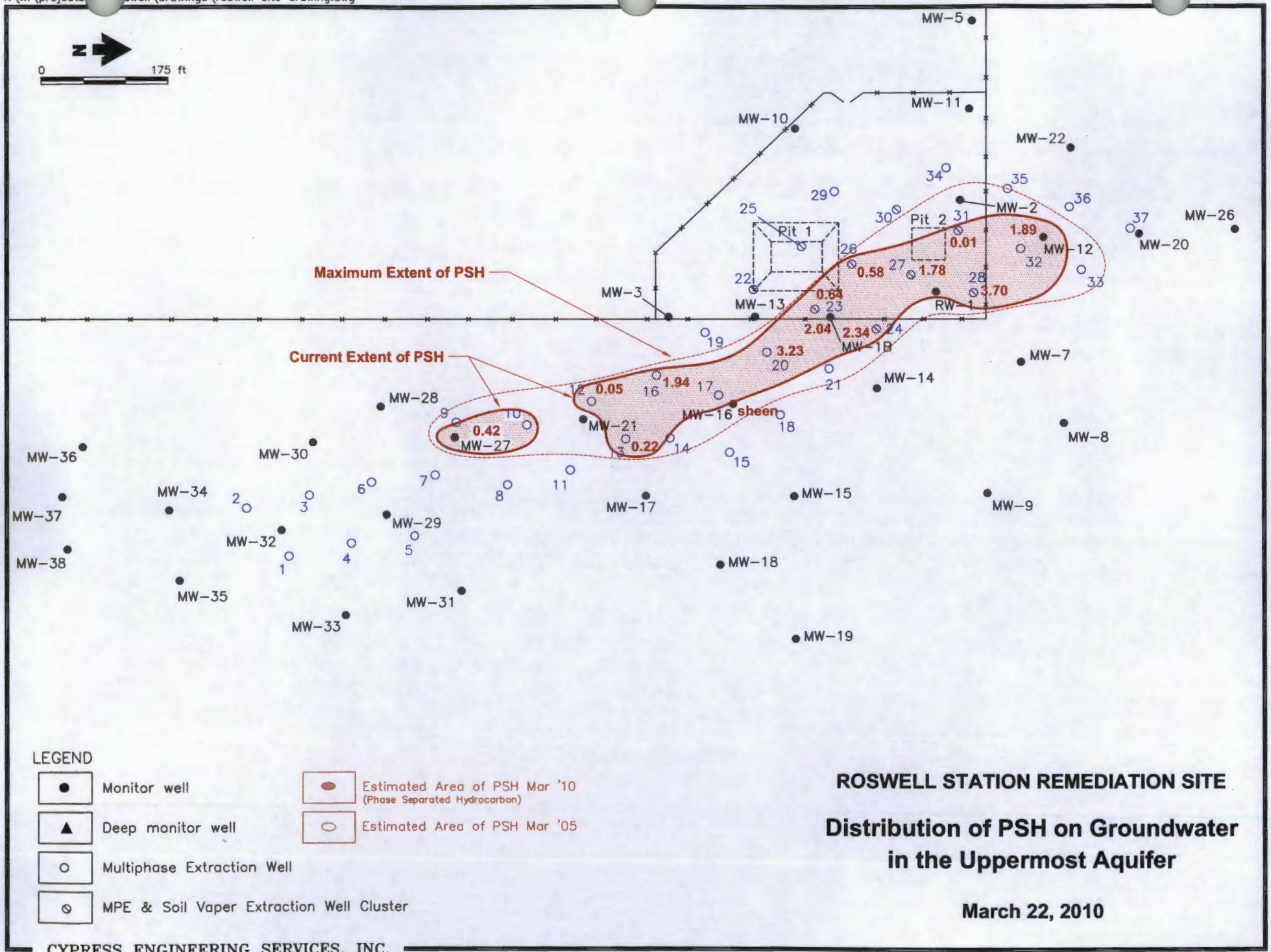

LEGEND

- Monitor well
- Deep monitor well
- Multiphase Extraction Well
- MPE & Soil Vaper Extraction Well Cluster
- Estimated Area of PSH Mar '10 (Phase Separated Hydrocarbon)
- Estimated Area of PSH Mar '05

ROSWELL STATION REMEDIATION SITE

Distribution of PSH on Groundwater in the Uppermost Aquifer

March 22, 2010

CYPRESS ENGINEERING SERVICES, INC.

Figure 3

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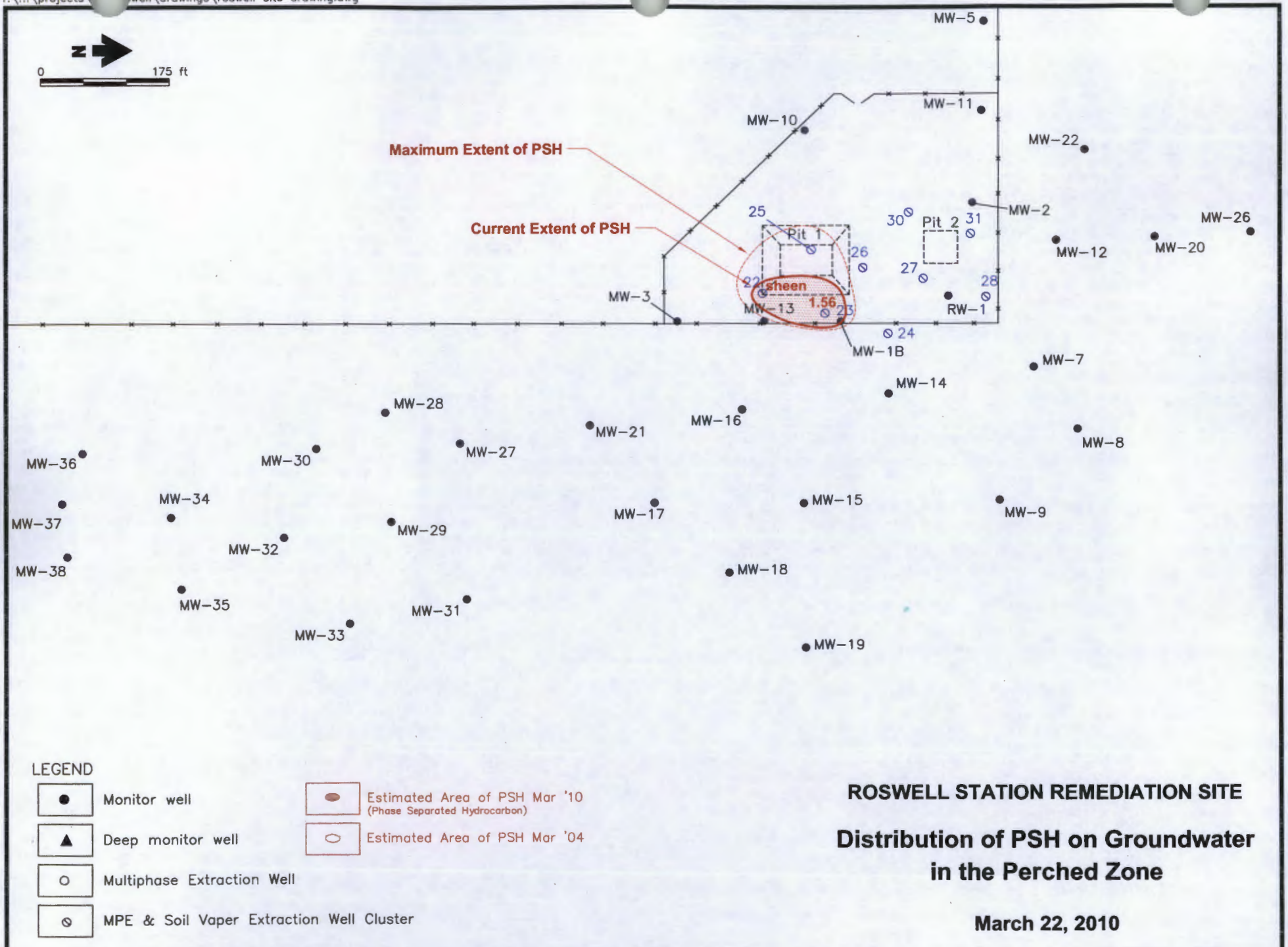


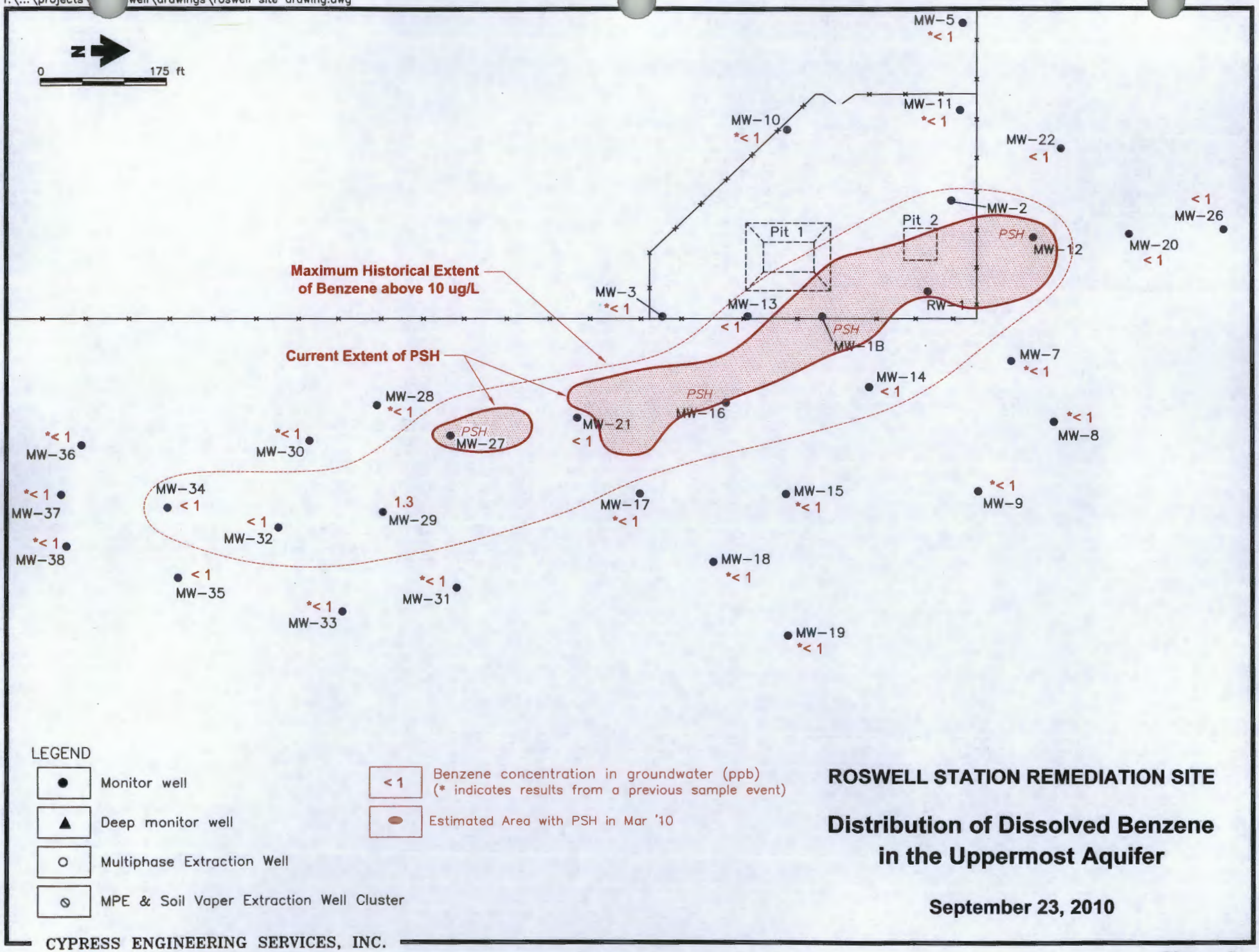
ROSWELL STATION REMEDIATION SITE

Distribution of PSH on Groundwater in the Perched Zone

March 22, 2010

CYPRESS ENGINEERING SERVICES, INC.

Figure 4



ROSWELL STATION REMEDIATION SITE

Distribution of Dissolved Benzene in the Uppermost Aquifer

September 23, 2010

CYPRESS ENGINEERING SERVICES, INC.

Figure 5

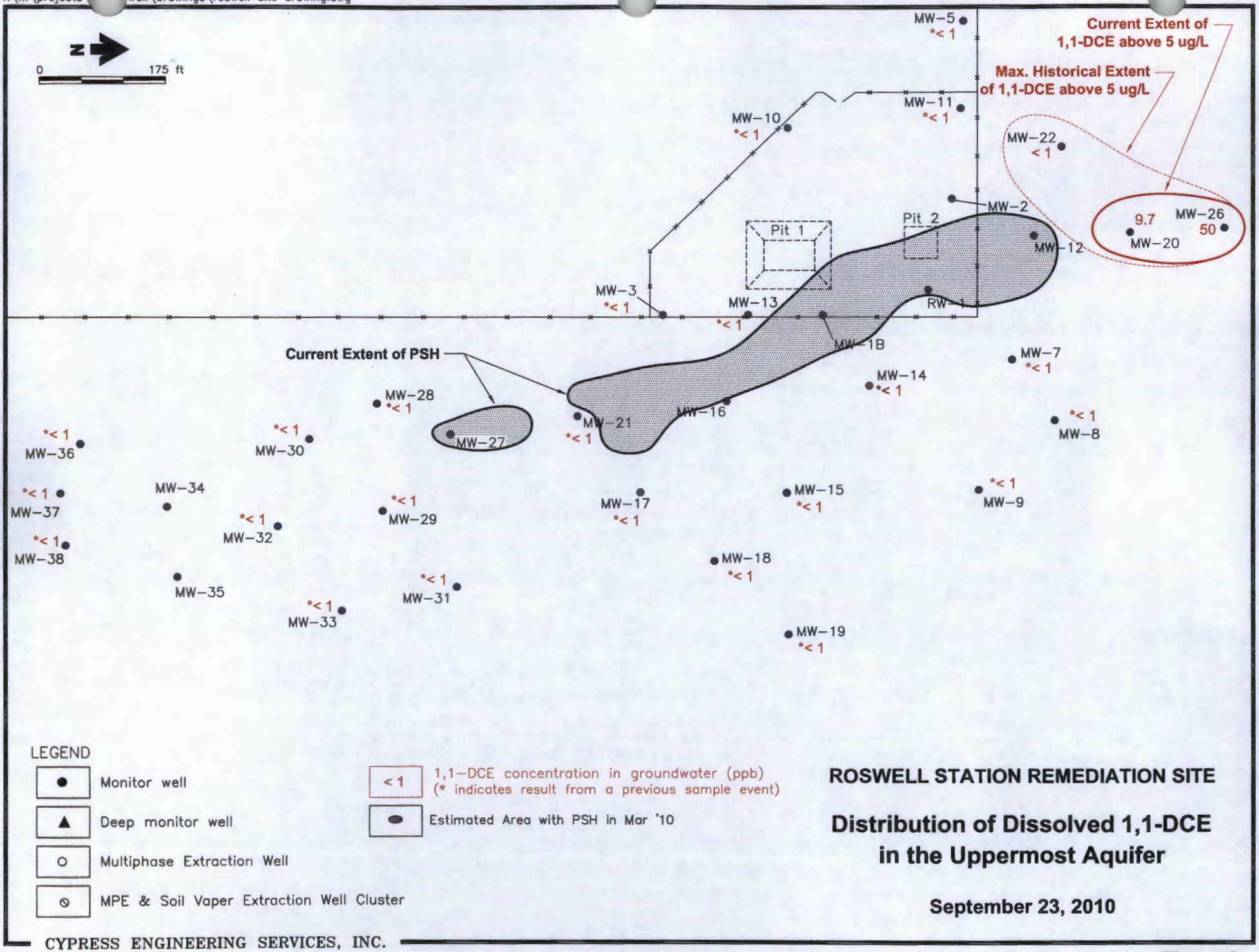
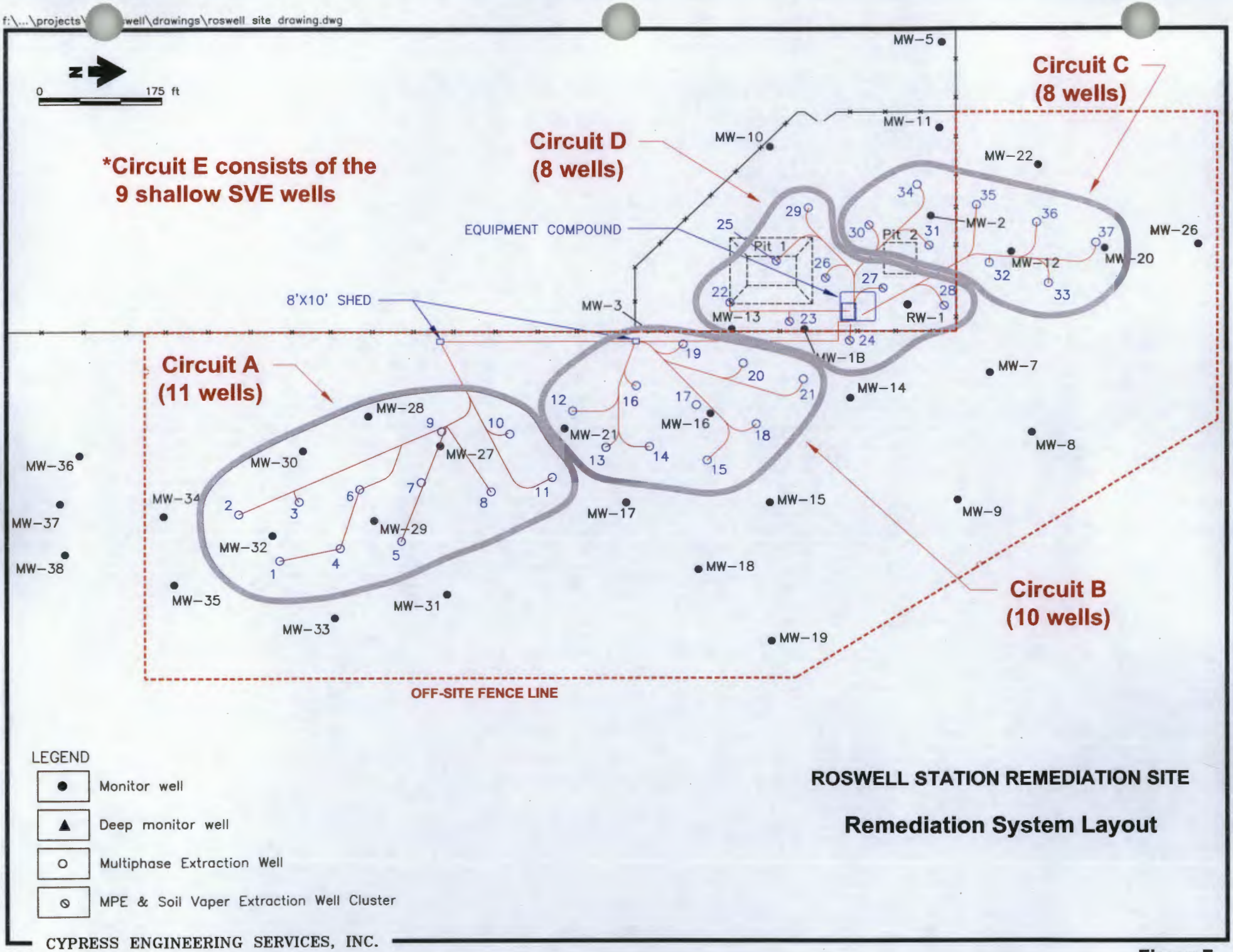

f:\...\projects\ well\drawings\roswell site drawing.dwg
N
0
175 ft
MW-5 *< 1
Current Extent of 1,1-DCE above 5 ug/L
Max. Historical Extent of 1,1-DCE above 5 ug/L
MW-10 *< 1
MW-11 *< 1
MW-22 < 1
MW-2
Pit 1
Pit 2
9.7
MW-26 50
MW-20
MW-12
MW-3 *< 1
MW-13 *< 1
RW-1
MW-1B
Current Extent of PSH
MW-7 *< 1
MW-14 *< 1
MW-28 *< 1
MW-21 *< 1
MW-16
MW-27
*< 1 MW-8
*< 1 MW-36
*< 1 MW-30
MW-34
*< 1 MW-37
*< 1 MW-29
MW-17 *< 1
MW-15 *< 1
*< 1 MW-9
*< 1 MW-32
*< 1 MW-38
MW-18 *< 1
MW-35
*< 1 MW-31
*< 1 MW-33
MW-19 *< 1
LEGEND
Monitor well
Deep monitor well
Multiphase Extraction Well
MPE & Soil Vaper Extraction Well Cluster
< 1
1,1-DCE concentration in groundwater (ppb)
(* indicates result from a previous sample event)
Estimated Area with PSH in Mar '10
ROSWELL STATION REMEDIATION SITE
Distribution of Dissolved 1,1-DCE in the Uppermost Aquifer
September 23, 2010
CYPRESS ENGINEERING SERVICES, INC.

Figure 6



CYPRESS ENGINEERING SERVICES, INC.

Figure 7

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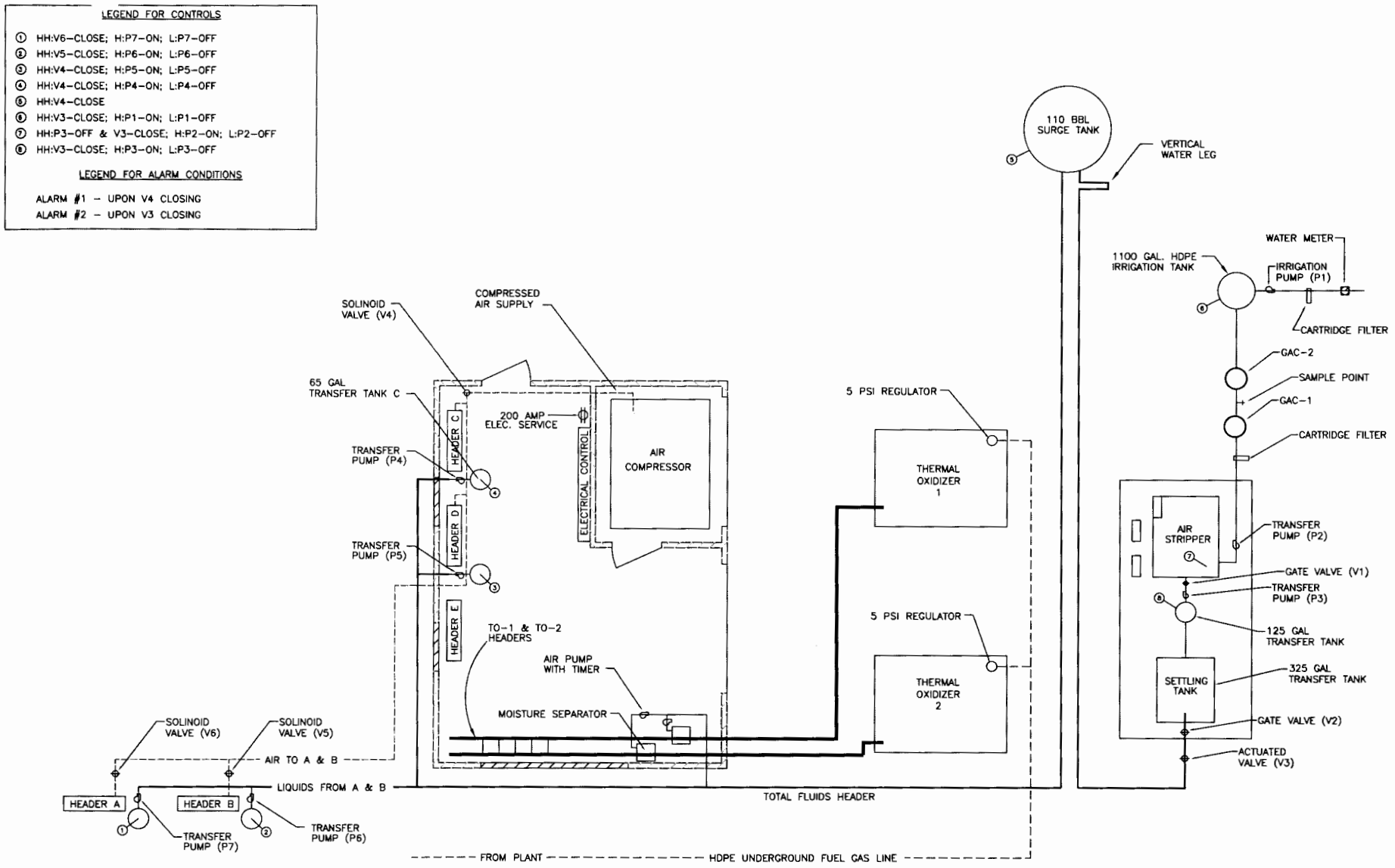

ROSWELL STATION REMEDIATION SITE

0 Not to Scale

Water and Vapor Treatment Equipment, Controls, and Process Details

CYPRESS ENGINEERING SERVICES, INC.

Figure 8

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-1 B	09/27/96	3609.96	-	61.60	2.33	3550.13
	10/31/97		58.37	59.76	1.39	3551.26
	01/26/98		58.20	60.80	2.60	3551.14
	05/25/98		58.28	60.38	2.10	3551.18
	08/10/98		58.64	59.05	0.41	3551.22
	10/11/98		58.20	61.20	3.00	3551.04
	03/21/99		60.45	60.46	0.01	3549.51
	09/07/99		(a)	60.15	(a)	3549.81
	11/19/00		57.87	60.13	2.26	3551.55
	03/27/01		57.42	59.97	2.55	3551.93
	10/03/01*		57.12	60.25	3.13	3552.09
	06/11/02		57.00	60.42	3.42	3552.14
	01/29/03		57.05	60.72	3.67	3552.03
	07/31/03		57.35	60.72	3.37	3551.80
	03/22/04		57.88	61.50	3.62	3551.21
	09/08/04		59.71	63.13	3.42	3549.43
	03/29/05		60.35	63.49	3.14	3548.86
	10/04/05		60.40	63.30	2.90	3548.86
	03/23/06		60.95	63.95	3.00	3548.29
	09/19/06		61.48	64.30	2.82	3547.80
	03/13/07		60.77	62.91	2.14	3548.68
	09/21/07		61.10	63.30	2.20	3548.33
	03/04/08		60.10	62.07	1.97	3549.39
	09/08/08		61.45	64.19	2.74	3547.85
	03/10/09		60.46	62.20	1.74	3549.08
	10/08/09		sheen	64.18	sheen	3545.78
	01/26/10		60.32	60.60	0.28	3549.57
	03/22/10		59.82	61.86	2.04	3549.65

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-2	09/27/96	3611.76	-	62.00	2.33	3551.53
	10/31/97		58.36	59.60	1.24	3553.10
	01/26/98		58.20	59.85	1.65	3553.16
	05/25/98		58.42	58.79	0.37	3553.25
	08/10/98		58.25	58.55	0.30	3553.44
	10/11/98		58.20	59.70	1.50	3553.20
	03/21/99		58.35	58.37	0.02	3553.41
	09/07/99		61.25	61.27	0.02	3550.51
	11/19/00		57.67	57.74	0.07	3554.07
	03/27/01		57.78	58.23	0.45	3553.87
	10/03/01*		58.04	58.35	0.31	3553.65
	06/11/02		58.07	59.20	1.13	3553.42
	01/29/03		58.20	60.61	2.41	3552.98
	07/31/03		58.60	59.30	0.70	3552.99
	03/22/04		58.92	59.50	0.58	3552.70
	09/08/04		59.64	60.99	1.35	3551.80
	03/29/05		(a)	59.28	(a)	3552.48
	10/04/05		59.73	61.24	1.51	3551.67
	03/23/06		60.10	61.22	1.12	3551.39
	09/19/06		60.30	61.27	0.97	3551.23
	03/13/07		59.93	60.60	0.67	3551.67
	09/21/07		59.95	61.22	1.27	3551.51
	03/04/08		60.08	61.14	1.06	3551.43
	09/08/08		(a)	59.93	(a)	3551.83
	03/10/09		(a)	59.10	(a)	3552.66
	10/08/09		(a)	60.39	(a)	3551.37
	03/22/10		(a)	59.66	(a)	3552.10

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-3	09/27/96	3614.87	(a)	64.79	(a)	3550.08
	07/23/97		(a)	64.19	(a)	3550.68
	08/19/97		(a)	64.36	(a)	3550.51
	10/30/97		(a)	64.22	(a)	3550.65
	01/26/98		(a)	64.34	(a)	3550.53
	05/25/98		(a)	64.20	(a)	3550.67
	08/10/98		(a)	64.06	(a)	3550.81
	10/11/98		(a)	64.23	(a)	3550.64
	12/21/98		(a)	64.25	(a)	3550.62
	03/23/99		(a)	64.24	(a)	3550.63
	09/07/99		(a)	63.99	(a)	3550.88
	03/27/00		(a)	63.85	(a)	3551.02
	11/19/00		(a)	63.85	(a)	3551.02
	02/12/01		(a)	63.62	(a)	3551.25
	03/27/01		(a)	63.58	(a)	3551.29
	10/03/01		(a)	63.63	(a)	3551.24
	06/11/02		(a)	63.77	(a)	3551.10
	01/29/03		(a)	63.63	(a)	3551.24
	07/31/03		(a)	63.67	(a)	3551.20
	03/22/04		(a)	64.77	(a)	3550.10
	09/08/04		(a)	65.23	(a)	3549.64
	03/29/05		(a)	65.57	(a)	3549.30
	10/04/05		(a)	66.01	(a)	3548.86
	04/17/06		(a)	66.62	(a)	3548.25
	09/19/06		(a)	66.77	(a)	3548.10
	03/13/07		(a)	66.42	(a)	3548.45
	09/21/07		(a)	66.43	(a)	3548.44
	03/04/08		(a)	65.95	(a)	3548.92
	09/08/08		(a)	66.52	(a)	3548.35
	03/10/09		(a)	66.23	(a)	3548.64
	10/08/09		(a)	66.77	(a)	3548.10
	03/22/10		(a)	66.37	(a)	3548.50

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-5	09/27/96	3612.77	(a)	62.32	(a)	3550.45
	07/23/97		(a)	61.95	(a)	3550.82
	08/19/97		(a)	62.05	(a)	3550.72
	10/30/97		(a)	61.98	(a)	3550.79
	01/26/98		(a)	61.90' Top of Pump	(a)	NA
	05/25/98		(a)	61.97	(a)	3550.80
	08/10/98		(a)	61.81	(a)	3550.96
	10/11/98		(a)	61.85	(a)	3550.92
	12/21/98		(a)	61.89	(a)	3550.88
	03/23/99		(a)	61.80	(a)	3550.97
	09/07/99		(a)	61.59	(a)	3551.18
	03/27/00		(a)	61.45	(a)	3551.32
	11/19/00		(a)	61.43	(a)	3551.34
	03/27/01		(a)	61.18	(a)	3551.59
	10/03/01		(a)	61.17	(a)	3551.60
	06/11/02		(a)	60.99	(a)	3551.78
	01/29/03		(a)	61.02	(a)	3551.75
	07/31/03		(a)	60.98	(a)	3551.79
	03/22/04		(a)	61.13	(a)	3551.64
	09/08/04		(a)	61.38	(a)	3551.39
	03/29/05		(a)	61.55	(a)	3551.22
	10/04/05		(a)	61.84	(a)	3550.93
	03/23/06		(a)	62.05	(a)	3550.72
	09/19/06		(a)	62.30	(a)	3550.47
	03/13/07		(a)	62.41	(a)	3550.36
	09/21/07		(a)	62.63	(a)	3550.14
	03/04/08		(a)	62.67	(a)	3550.10
	09/08/08		(a)	62.79	(a)	3549.98
	03/10/09		(a)	62.93	(a)	3549.84
	10/08/09		(a)	63.15	(a)	3549.62
	03/22/10		(a)	63.31	(a)	3549.46

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-6	09/27/96	3618.62	(a)	61.85	(a)	3556.77
	07/23/97		(a)	61.81	(a)	3556.81
	08/19/97		(a)	61.73	(a)	3556.89
	10/30/97		(a)	61.62	(a)	3557.00
	01/26/98		(a)	61.64	(a)	3556.98
	05/25/98		(a)	61.63	(a)	3556.99
	08/10/98		(a)	61.70	(a)	3556.92
	10/11/98		(a)	61.72	(a)	3556.90
	12/21/98		(a)	61.74	(a)	3556.88
	03/23/99		(a)	61.78	(a)	3556.84
	09/07/99		(a)	61.65	(a)	3556.97
	03/27/00		(a)	61.13	(a)	3557.49
	11/19/00		(a)	61.11	(a)	3557.51
	03/27/01		(a)	60.93	(a)	3557.69
	10/03/01		(a)	60.85	(a)	3557.77
	06/11/02		(a)	60.81	(a)	3557.81
	01/29/03		(a)	60.87	(a)	3557.75
	07/31/03		(a)	60.99	(a)	3557.63
	03/22/04		(a)	61.21	(a)	3557.41
	09/08/04		(a)	62.53	(a)	3556.09
	03/29/05		(a)	61.75	(a)	3556.87
	10/04/05		(a)	62.12	(a)	3556.50
	03/23/06		(a)	62.32	(a)	3556.30
	09/19/06		(a)	62.55	(a)	3556.07
	03/13/07		(a)	62.63	(a)	3555.99
	09/21/07		(a)	62.84	(a)	3555.78
	03/04/08		(a)	62.90	(a)	3555.72
	09/09/08		(a)	63.14	(a)	3555.48
	03/10/09		(a)	63.21	(a)	3555.41
	10/08/09		(a)	63.32	(a)	3555.30
	03/22/10		(a)	63.46	(a)	3555.16

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-7	09/27/96	3599.20	(a)	54.74	(a)	3544.46
	07/23/97		(a)	52.89	(a)	3546.31
	08/19/97		(a)	53.57	(a)	3545.63
	10/30/97		(a)	53.00	(a)	3546.20
	01/26/98		(a)	51.45	(a)	3547.75
	05/25/98		(a)	51.76	(a)	3547.44
	08/10/98		(a)	54.11	(a)	3545.09
	10/11/98		(a)	54.35	(a)	3544.85
	12/21/98		(a)	52.69	(a)	3546.51
	03/23/99		(a)	51.24	(a)	3547.96
	09/07/99		(a)	52.33	(a)	3546.87
	03/27/00		(a)	50.63	(a)	3548.57
	11/19/00		(a)	53.92	(a)	3545.28
	03/27/01		(a)	51.23	(a)	3547.97
	10/03/01		(a)	54.45	(a)	3544.75
	06/11/02		(a)	53.69	(a)	3545.51
	01/29/03		(a)	53.85	(a)	3545.35
	07/31/03		(a)	56.72	(a)	3542.48
	03/22/04		(a)	55.37	(a)	3543.83
	09/08/04		(a)	58.54	(a)	3540.66
	03/29/05		(a)	55.15	(a)	3544.05
	10/04/05		(a)	58.90	(a)	3540.30
	03/23/06		(a)	56.99	(a)	3542.21
	09/19/06		(a)	59.94	(a)	3539.26
	03/13/07		(a)	56.33	(a)	3542.87
	09/21/07		(a)	58.53	(a)	3540.67
	03/04/08		(a)	56.50	(a)	3542.70
	09/09/08		(a)	60.93	(a)	3538.27
	03/10/09		(a)	58.24	(a)	3540.96
	10/08/09		(a)	62.12	(a)	3537.08
	03/22/10		(a)	58.68	(a)	3540.52

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-8	09/27/96	3595.80	(a)	51.98	(a)	3543.82
	07/23/97		(a)	50.14	(a)	3545.66
	08/19/97		(a)	50.92	(a)	3544.88
	10/30/97		(a)	50.18	(a)	3545.62
	01/26/98		(a)	48.52	(a)	3547.28
	05/25/98		(a)	49.02	(a)	3546.78
	08/10/98		(a)	51.40	(a)	3544.40
	10/11/98		(a)	51.60	(a)	3544.20
	12/21/98		(a)	49.84	(a)	3545.96
	03/23/99		(a)	48.30	(a)	3547.50
	09/07/99		(a)	49.42	(a)	3546.38
	03/27/00		(a)	47.63	(a)	3548.17
	11/19/00		(a)	50.97	(a)	3544.83
	02/12/01		(a)	48.85	(a)	3546.95
	03/27/01		(a)	48.21	(a)	3547.59
	10/03/01		(a)	51.45	(a)	3544.35
	06/11/02		(a)	50.90	(a)	3544.90
	01/29/03		(a)	50.81	(a)	3544.99
	07/31/03		(a)	54.00	(a)	3541.80
	03/22/04		(a)	52.24	(a)	3543.56
	09/08/04		(a)	55.76	(a)	3540.04
	03/29/05		(a)	52.56	(a)	3543.24
	10/04/05		(a)	55.96	(a)	3539.84
	03/23/06		(a)	54.21	(a)	3541.59
	09/19/06		(a)	57.00	(a)	3538.80
	03/13/07		(a)	53.34	(a)	3542.46
	09/21/07		(a)	55.75	(a)	3540.05
	03/04/08		(a)	53.90	(a)	3541.90
	09/09/08		(a)	58.00	(a)	3537.80
	03/10/09		(a)	55.36	(a)	3540.44
	10/08/09		(a)	59.04	(a)	3536.76
	03/22/10		(a)	55.56	(a)	3540.24

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-9	09/27/96	3599.35	(a)	50.27	(a)	3549.08
	07/23/97		(a)	50.07	(a)	3549.28
	08/19/97		(a)	50.09	(a)	3549.26
	10/30/97		(a)	50.18	(a)	3549.17
	01/26/98		(a)	50.10	(a)	3549.25
	05/25/98		(a)	50.13	(a)	3549.22
	08/10/98		(a)	50.18	(a)	3549.17
	10/11/98		(a)	50.20	(a)	3549.15
	12/21/98		(a)	50.26	(a)	3549.09
	03/23/99		(a)	50.19	(a)	3549.16
	09/07/99		(a)	50.17	(a)	3549.18
	03/27/00		(a)	50.17	(a)	3549.18
	11/19/00		(a)	50.25	(a)	3549.10
	02/12/01		(a)	50.19	(a)	3549.16
	03/27/01		(a)	50.19	(a)	3549.16
	10/03/01		(a)	50.30	(a)	3549.05
	06/11/02		(a)	50.20	(a)	3549.15
	01/29/03		(a)	50.18	(a)	3549.17
	07/31/03		(a)	50.28	(a)	3549.07
	03/22/04		(a)	50.43	(a)	3548.92
	09/08/04		(a)	50.45	(a)	3548.90
	03/29/05		(a)	50.54	(a)	3548.81
	10/04/05		(a)	50.75	(a)	3548.60
	03/23/06		(a)	50.73	(a)	3548.62
	09/19/06		(a)	50.98	(a)	3548.37
	03/13/07		(a)	51.14	(a)	3548.21
	09/21/07		(a)	51.26	(a)	3548.09
	03/04/08		(a)	51.39	(a)	3547.96
	09/08/08		(a)	51.53	(a)	3547.82
	03/10/09		(a)	51.78	(a)	3547.57
	10/08/09		(a)	51.93	(a)	3547.42
	03/22/10		(a)	51.86	(a)	3547.49

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-10	09/27/96	3617.85	(a)	67.21	(a)	3550.64
	07/23/97		(a)	66.83	(a)	3551.02
	08/19/97		(a)	66.93	(a)	3550.92
	10/30/97		(a)	66.83	(a)	3551.02
	01/26/98		(a)	66.58 Top of Pump	(a)	NA
	05/25/98		(a)	66.91	(a)	3550.94
	08/10/98		(a)	66.65	(a)	3551.20
	10/11/98		(a)	66.59 Top of Pump	(a)	NA
	12/21/98		(a)	66.79	(a)	3551.06
	03/23/99		(a)	66.72	(a)	3551.13
	09/07/99		(a)	66.49	(a)	3551.36
	03/27/00		(a)	66.34	(a)	3551.51
	11/19/00		(a)	66.30	(a)	3551.55
	03/27/01		(a)	66.10	(a)	3551.75
	10/03/01		(a)	66.08	(a)	3551.77
	06/11/02		(a)	65.95	(a)	3551.90
	01/29/03		(a)	66.04	(a)	3551.81
	07/31/03		(a)	66.04	(a)	3551.81
	03/22/04		(a)	66.61	(a)	3551.24
	09/08/04		(a)	67.44	(a)	3550.41
	03/29/05		(a)	67.52	(a)	3550.33
	03/23/06		(a)	68.45	(a)	3549.40
	09/19/06		(a)	68.66	(a)	3549.19
	03/13/07		(a)	68.44	(a)	3549.41
	09/21/07		(a)	68.58	(a)	3549.27
	03/04/08		(a)	68.58	(a)	3549.27
	09/09/08		(a)	69.03	(a)	3548.82
	03/10/09		(a)	68.49	(a)	3549.36
	10/08/09		(a)	69.18	(a)	3548.67
	03/22/10		(a)	68.85	(a)	3549.00

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-11	09/27/96	3613.31	(a)	62.90	(a)	3550.41
	07/23/97		(a)	62.44	(a)	3550.87
	08/19/97		(a)	62.53	(a)	3550.78
	10/30/97		(a)	62.40	(a)	3550.91
	01/26/98		(a)	62.20 Top of Pump	(a)	NA
	05/25/98		(a)	62.22	(a)	3551.09
	08/10/98		(a)	62.18	(a)	3551.13
	10/11/98		(a)	62.21 Top of Pump	(a)	NA
	12/21/98		(a)	62.42	(a)	3550.89
	03/23/99		(a)	62.26	(a)	3551.05
	09/07/99		(a)	62.01	(a)	3551.30
	03/27/00		(a)	61.77	(a)	3551.54
	11/19/00		(a)	61.85	(a)	3551.46
	03/27/01		(a)	61.61	(a)	3551.70
	10/03/01		(a)	61.63	(a)	3551.68
	06/11/02		(a)	61.47	(a)	3551.84
	01/29/03		(a)	61.60	(a)	3551.71
	07/31/03		(a)	61.64	(a)	3551.67
	03/22/04		(a)	62.46	(a)	3550.85
	09/08/04		(a)	63.43	(a)	3549.88
	03/29/05		(a)	63.40	(a)	3549.91
	10/04/05		(a)	64.31	(a)	3549.00
	03/23/06		(a)	64.65	(a)	3548.66
	09/19/06		(a)	64.80	(a)	3548.51
	03/13/07		(a)	64.31	(a)	3549.00
	09/21/07		(a)	64.32	(a)	3548.99
	03/04/08		(a)	63.92	(a)	3549.39
	09/09/08		(a)	64.93	(a)	3548.38
	03/10/09		(a)	64.30	(a)	3549.01
	10/08/09		(a)	65.39	(a)	3547.92
	03/22/10		(a)	64.69	(a)	3548.62

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-12	09/27/96	3606.38	(a)	55.58	(a)	3550.80
	07/23/97		(a)	53.99	(a)	3552.39
	08/19/97		(a)	53.96	(a)	3552.42
	10/30/97		(a)	53.61	(a)	3552.77
	01/26/98		(a)	53.55	(a)	3552.83
	05/25/98		(a)	53.36	(a)	3553.02
	08/10/98		(a)	53.30	(a)	3553.08
	10/11/98		(a)	53.55	(a)	3552.83
	12/21/98		(a)	53.65	(a)	3552.73
	03/23/99		(a)	53.50	(a)	3552.88
	09/07/99		(a)	52.79	(a)	3553.59
	03/27/00		(a)	52.46	(a)	3553.92
	11/19/00		(a)	53.18	(a)	3553.20
	03/27/01		(a)	52.91	(a)	3553.47
	10/03/01		(a)	52.91	(a)	3553.47
	06/11/02		(a)	53.30	(a)	3553.08
	01/29/03		(a)	53.95	(a)	3552.43
	07/31/03		(a)	54.02	(a)	3552.36
	03/22/04		(a)	54.62	(a)	3551.76
	09/08/04		(a)	55.41	(a)	3550.97
	03/29/05		(a)	55.83	(a)	3550.55
	10/04/05		(a)	56.16	(a)	3550.22
	03/23/06		(a)	56.80	(a)	3549.58
	09/19/06		(a)	57.23	(a)	3549.15
	03/13/07		(a)	56.37	(a)	3550.01
	09/21/07		(a)	56.09	(a)	3550.29
	03/04/08		(a)	55.80	(a)	3550.58
	09/09/08		56.70	56.71	0.01	3549.68
	03/10/09		56.16	56.57	0.41	3550.12
	10/08/09		57.17	57.18	0.01	3549.21
	01/26/10		(a)	56.95	(a)	3549.43
	03/22/10		56.34	58.23	1.89	3549.59

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-13	09/27/96	3612.46	(a)	62.30	(a)	3550.16
	07/23/97		(a)	61.85	(a)	3550.61
	08/19/97		(a)	61.95	(a)	3550.51
	10/30/97		(a)	61.68	(a)	3550.78
	01/26/98		(a)	61.90	(a)	3550.56
	05/25/98		(a)	61.79	(a)	3550.67
	08/10/98		(a)	61.78	(a)	3550.68
	10/11/98		(a)	61.88	(a)	3550.58
	12/21/98		(a)	61.71	(a)	3550.75
	03/23/99		(a)	61.83	(a)	3550.63
	09/07/99		(a)	61.64	(a)	3550.82
	03/27/00		(a)	61.33	(a)	3551.13
	11/19/00		(a)	61.48	(a)	3550.98
	03/27/01		(a)	61.05	(a)	3551.41
	10/03/01		(a)	61.10	(a)	3551.36
	06/11/02		(a)	61.05	(a)	3551.41
	01/29/03		(a)	60.99	(a)	3551.47
	07/31/03		(a)	61.33	(a)	3551.13
	03/22/04		(a)	61.77	(a)	3550.69
	09/08/04		(a)	63.02	(a)	3549.44
	03/29/05		(a)	63.29	(a)	3549.17
	10/04/05		(a)	63.61	(a)	3548.85
	03/23/06		(a)	64.25	(a)	3548.21
	09/19/06		(a)	64.65	(a)	3547.81
	03/13/07		(a)	63.96	(a)	3548.50
	09/21/07		(a)	64.14	(a)	3548.32
	03/04/08		(a)	63.34	(a)	3549.12
	09/09/08		(a)	64.30	(a)	3548.16
	03/10/09		(a)	63.76	(a)	3548.70
	10/08/09		(a)	64.35	(a)	3548.11
	01/26/10		(a)	64.05	(a)	3548.41
	03/22/10		(a)	63.78	(a)	3548.68

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-14	09/27/96	3604.83	(a)	53.38	(a)	3551.45
	07/23/97		(a)	53.33	(a)	3551.50
	08/19/97		(a)	53.06	(a)	3551.77
	10/30/97		(a)	53.20	(a)	3551.63
	01/26/98		(a)	53.41	(a)	3551.42
	05/25/98		(a)	53.40	(a)	3551.43
	08/10/98		(a)	53.43	(a)	3551.40
	10/11/98		(a)	53.56	(a)	3551.27
	12/21/98		(a)	53.53	(a)	3551.30
	03/23/99		(a)	53.55	(a)	3551.28
	09/07/99		(a)	53.41	(a)	3551.42
	03/27/00		(a)	53.05	(a)	3551.78
	11/19/00		(a)	52.95	(a)	3551.88
	03/27/01		(a)	52.67	(a)	3552.16
	10/03/01		(a)	52.61	(a)	3552.22
	06/11/02		(a)	52.42	(a)	3552.41
	01/29/03		(a)	52.51	(a)	3552.32
	07/31/03		(a)	52.80	(a)	3552.03
	03/22/04		(a)	53.51	(a)	3551.32
	09/08/04		(a)	53.87	(a)	3550.96
	03/29/05		(a)	54.28	(a)	3550.55
	10/04/05		(a)	54.60	(a)	3550.23
	03/23/06		(a)	54.89	(a)	3549.94
	09/19/06		(a)	55.26	(a)	3549.57
	03/13/07		(a)	55.16	(a)	3549.67
	09/21/07		(a)	55.16	(a)	3549.67
	03/04/08		(a)	54.66	(a)	3550.17
	09/09/08		(a)	54.68	(a)	3550.15
	03/10/09		(a)	54.43	(a)	3550.40
	10/08/09		(a)	54.57	(a)	3550.26
	03/22/10		(a)	54.23	(a)	3550.60

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-15	09/27/96	3610.43	(a)	58.77	(a)	3551.66
	07/23/97		(a)	58.75	(a)	3551.68
	08/19/97		(a)	58.84	(a)	3551.59
	10/30/97		(a)	58.83	(a)	3551.60
	01/26/98		(a)	58.97	(a)	3551.46
	05/25/98		(a)	58.96	(a)	3551.47
	08/10/98		(a)	58.92	(a)	3551.51
	10/11/98		(a)	59.02	(a)	3551.41
	12/21/98		(a)	59.04	(a)	3551.39
	03/23/99		(a)	59.09	(a)	3551.34
	09/07/99		(a)	58.98	(a)	3551.45
	03/27/00		(a)	59.03	(a)	3551.40
	11/19/00		(a)	59.18	(a)	3551.25
	03/27/01		(a)	59.07	(a)	3551.36
	10/03/01		(a)	59.15	(a)	3551.28
	06/11/02		(a)	59.16	(a)	3551.27
	01/29/03		(a)	59.18	(a)	3551.25
	07/31/03		(a)	59.15	(a)	3551.28
	03/22/04		(a)	59.21	(a)	3551.22
	09/08/04		(a)	59.32	(a)	3551.11
	03/29/05		(a)	59.53	(a)	3550.90
	10/04/05		(a)	59.61	(a)	3550.82
	03/23/06		(a)	59.74	(a)	3550.69
	09/19/06		(a)	59.81	(a)	3550.62
	03/13/07		(a)	59.89	(a)	3550.54
	09/21/07		(a)	60.02	(a)	3550.41
	03/04/08		(a)	59.96	(a)	3550.47
	09/09/08		(a)	59.98	(a)	3550.45
	03/10/09		(a)	59.30	(a)	3551.13
	10/08/09		(a)	58.82	(a)	3551.61
	03/22/10		(a)	58.43	(a)	3552.00

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-16	09/27/96	3612.41	-	67.16	4.01	3548.30
	07/23/97		-	66.46	4.87	3549.65
	08/19/97		-	66.54	4.89	3549.59
	10/31/97		61.58	66.32	4.74	3549.69
	01/26/98		61.55	66.12	4.57	3549.76
	05/25/98		61.56	66.09	4.53	3549.76
	08/10/98		61.49	66.31	4.82	3549.76
	10/11/98		61.59	66.38	4.79	3549.67
	12/21/98		61.59	66.17	4.58	3549.72
	03/23/99		61.42	65.97	4.55	3549.90
	09/07/99		61.40	66.14	4.74	3549.87
	03/27/00		61.14	65.71	4.57	3550.17
	11/19/00		61.30	65.79	4.49	3550.03
	02/12/01		61.21	65.65	4.44	3550.13
	03/27/01		61.13	65.57	4.44	3550.21
	10/03/01*		61.15	65.82	4.67	3550.14
	06/11/02		61.12	65.65	4.53	3550.20
	07/31/03		61.68	66.38	4.70	3549.60
	03/22/04		62.67	65.90	3.23	3548.96
	09/08/04		63.68	66.84	3.16	3547.97
	03/29/05		64.82	67.71	2.89	3546.90
	10/05/05		64.73	66.51	1.78	3547.25
	03/23/06		65.60	67.70	2.10	3546.31
	09/19/06		67.91	68.84	0.93	3544.28
	03/13/07		66.37	66.53	0.16	3546.00
	09/21/07		65.95	66.03	0.08	3546.44
	03/04/08		(a)	65.04	(a)	3547.37
	09/09/08		(a)	66.00	(a)	3546.41
	03/10/09		65.25	65.26	0.01	3547.16
	10/08/09		65.91	65.92	0.01	3546.50
	01/26/10		(a)	65.57	(a)	3546.84
	03/22/10		(a)	65.19	sheen	3547.22

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-17	09/27/96	3608.48	(a)	59.30	(a)	3549.18
	07/23/97		(a)	58.79	(a)	3549.69
	08/19/97		(a)	58.94	(a)	3549.54
	10/30/97		(a)	58.85	(a)	3549.63
	01/26/98		(a)	58.90	(a)	3549.58
	05/25/98		(a)	58.83	(a)	3549.65
	08/10/98		(a)	58.78	(a)	3549.70
	10/11/98		(a)	58.93	(a)	3549.55
	12/21/98		(a)	58.97	(a)	3549.51
	03/23/99		(a)	58.87	(a)	3549.61
	09/07/99		(a)	58.72	(a)	3549.76
	03/27/00		(a)	58.56	(a)	3549.92
	11/19/00	3608.43 (d)	(a)	58.76	(a)	3549.67
	02/12/01		(a)	58.55	(a)	3549.88
	03/27/01		(a)	58.49	(a)	3549.94
	10/03/01		(a)	58.50	(a)	3549.93
	06/11/02		(a)	58.45	(a)	3549.98
	01/29/03		(a)	58.45	(a)	3549.98
	07/31/03		(a)	58.87	(a)	3549.56
	03/22/04		(a)	59.15	(a)	3549.28
	09/08/04		(a)	59.54	(a)	3548.89
	03/29/05		(a)	60.09	(a)	3548.34
	10/04/05		(a)	60.45	(a)	3547.98
	03/23/06		(a)	60.71	(a)	3547.72
	09/19/06		(a)	62.16	(a)	3546.27
	03/13/07		(a)	61.54	(a)	3546.89
	09/21/07		(a)	61.74	(a)	3546.69
	03/04/08		(a)	60.83	(a)	3547.60
	09/09/08		(a)	61.55	(a)	3546.88
	03/10/09		(a)	61.20	(a)	3547.23
	10/08/09		(a)	61.64	(a)	3546.79
	03/22/10		(a)	60.95	(a)	3547.48

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-18	09/27/96	3609.73	(a)	dry	(a)	NA
	07/23/97		(a)	58.29	(a)	3551.44
	08/19/97		(a)	64.81	(a)	still recovering
	10/30/97		(a)	58.61	(a)	3551.12
	01/26/98		(a)	58.60	(a)	3551.13
	05/25/98		(a)	58.51	(a)	3551.22
	08/10/98		(a)	58.74	(a)	3550.99
	10/11/98		(a)	59.02	(a)	3550.71
	12/21/98		(a)	58.53	(a)	3551.20
	03/23/99		(a)	58.70	(a)	3551.03
	09/07/99		(a)	58.48	(a)	3551.25
	03/27/00		(a)	58.51	(a)	3551.22
	11/19/00		(a)	58.62	(a)	3551.11
	02/12/01		(a)	58.58	(a)	3551.15
	03/27/01		(a)	58.57	(a)	3551.16
	10/03/01		(a)	58.67	(a)	3551.06
	06/11/02		(a)	58.63	(a)	3551.10
	01/29/03		(a)	58.67	(a)	3551.06
	07/31/03		(a)	58.71	(a)	3551.02
	03/22/04		(a)	58.78	(a)	3550.95
	09/08/04		(a)	58.85	(a)	3550.88
	03/29/05		(a)	58.95	(a)	3550.78
	10/04/05		(a)	59.09	(a)	3550.64
	03/23/06		(a)	59.20	(a)	3550.53
	09/19/06		(a)	58.29	(a)	3551.44
	03/13/07		(a)	59.43	(a)	3550.30
	09/21/07		(a)	59.55	(a)	3550.18
	03/04/08		(a)	59.62	(a)	3550.11
	09/09/08		(a)	59.68	(a)	3550.05
	03/10/09		(a)	59.37	(a)	3550.36
	10/08/09		(a)	59.15	(a)	3550.58
	03/22/10		(a)	58.95	(a)	3550.78

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-19	09/27/96	3608.17	(a)	57.95	(a)	3550.22
	07/23/97		(a)	56.03	(a)	3552.14
	08/19/97		(a)	56.20	(a)	3551.97
	10/30/97		(a)	56.17	(a)	3552.00
	01/26/98		(a)	56.28	(a)	3551.89
	05/25/98		(a)	56.29	(a)	3551.88
	08/10/98		(a)	56.38	(a)	3551.79
	10/11/98		(a)	56.39	(a)	3551.78
	12/21/98		(a)	56.41	(a)	3551.76
	03/23/99		(a)	56.41	(a)	3551.76
	09/07/99		(a)	56.35	(a)	3551.82
	03/27/00		(a)	56.37	(a)	3551.80
	11/19/00		(a)	56.52	(a)	3551.65
	03/27/01		(a)	56.43	(a)	3551.74
	10/03/01		(a)	56.50	(a)	3551.67
	06/11/02		(a)	56.54	(a)	3551.63
	01/29/03		(a)	56.58	(a)	3551.59
	07/31/03		(a)	56.59	(a)	3551.58
	03/22/04		(a)	56.65	(a)	3551.52
	09/08/04		(a)	56.75	(a)	3551.42
	03/29/05		(a)	56.90	(a)	3551.27
	10/04/05		(a)	56.98	(a)	3551.19
	03/23/06		(a)	57.08	(a)	3551.09
	09/19/06		(a)	57.07	(a)	3551.10
	03/13/07		(a)	57.06	(a)	3551.11
	09/21/07		(a)	57.18	(a)	3550.99
	03/04/08		(a)	57.08	(a)	3551.09
	09/09/08		(a)	58.04	(a)	3550.13
	03/10/09		(a)	56.03	(a)	3552.14
	10/08/09		(a)	54.63	(a)	3553.54
	03/22/10		(a)	54.60	(a)	3553.57

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-20	08/19/97	3600.65	(a)	49.50	(a)	3551.15
	10/30/97		(a)	49.47	(a)	3551.18
	01/26/98		(a)	49.37	(a)	3551.28
	05/25/98		(a)	49.21	(a)	3551.44
	08/10/98		(a)	49.41	(a)	3551.24
	10/11/98		(a)	49.68	(a)	3550.97
	12/21/98		(a)	49.62	(a)	3551.03
	03/23/99		(a)	49.38	(a)	3551.27
	09/07/99		(a)	48.55	(a)	3552.10
	03/27/00		(a)	48.21	(a)	3552.44
	11/19/00		(a)	49.10	(a)	3551.55
	03/27/01		(a)	48.62	(a)	3552.03
	10/03/01		(a)	48.82	(a)	3551.83
	06/11/02		(a)	48.98	(a)	3551.67
	01/29/03		(a)	49.31	(a)	3551.34
	07/31/03		(a)	49.50	(a)	3551.15
	03/22/04		(a)	50.35	(a)	3550.30
	09/08/04		(a)	51.23	(a)	3549.42
	03/29/05		(a)	51.75	(a)	3548.90
	10/04/05		(a)	51.95	(a)	3548.70
	03/23/06		(a)	52.81	(a)	3547.84
	09/19/06		(a)	53.41	(a)	3547.24
	03/13/07		(a)	52.11	(a)	3548.54
	09/21/07		(a)	51.96	(a)	3548.69
	03/04/08		(a)	51.53	(a)	3549.12
	09/09/08		(a)	55.17	(a)	3545.48
	03/10/09		(a)	52.08	(a)	3548.57
	10/08/09		(a)	58.30	(a)	3542.35
	10/09/09		(a)	55.57	(a)	3545.08
	03/22/10		(a)	52.62	(a)	3548.03

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-21	08/07/97	3612.01	(a)	63.64	(a)	3548.37
	10/30/97		(a)	62.58	(a)	3549.43
	01/26/98		(a)	62.76	(a)	3549.25
	05/25/98		(a)	62.57	(a)	3549.44
	08/10/98		(a)	62.47	(a)	3549.54
	10/11/98		(a)	62.60	(a)	3549.41
	12/21/98		(a)	62.59	(a)	3549.42
	03/23/99		(a)	62.50	(a)	3549.51
	09/07/99		(a)	62.27	(a)	3549.74
	03/27/00		(a)	62.10	(a)	3549.91
	11/19/00	3611.99 (d)	(a)	62.37	(a)	3549.62
	02/12/01		(a)	62.14	(a)	3549.85
	03/27/01		(a)	61.99	(a)	3550.00
	10/03/01		(a)	61.99	(a)	3550.00
	06/11/02		(a)	62.00	(a)	3549.99
	01/29/03		(a)	61.96	(a)	3550.03
	07/31/03		(a)	61.40	(a)	3550.59
	03/22/04		(a)	61.97	(a)	3550.02
	09/08/04		(a)	63.10	(a)	3548.89
	03/29/05		(a)	63.62	(a)	3548.37
	10/05/05		(a)	64.67	(a)	3547.32
	03/23/06		(a)	64.85	(a)	3547.14
	09/19/06		(a)	65.38	(a)	3546.61
	03/13/07		(a)	64.85	(a)	3547.14
	09/21/07		(a)	65.20	(a)	3546.79
	03/04/08		(a)	64.64	(a)	3547.35
	09/09/08		(a)	65.93	(a)	3546.06
	03/10/09		(a)	65.43	(a)	3546.56
	10/08/09		(a)	66.30	(a)	3545.69
	01/26/10		(a)	65.79	(a)	3546.20
	03/22/10		(a)	65.31	(a)	3546.68

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-22	08/19/97	3606.04	(a)	55.36	(a)	3550.68
	10/30/97		(a)	55.24	(a)	3550.80
	01/26/98		(a)	55.19	(a)	3550.85
	05/25/98		(a)	54.99	(a)	3551.05
	08/10/98		(a)	54.93	(a)	3551.11
	10/11/98		(a)	55.09	(a)	3550.95
	12/21/98		(a)	55.18	(a)	3550.86
	03/23/99		(a)	55.04	(a)	3551.00
	09/07/99		(a)	54.72	(a)	3551.32
	03/27/00		(a)	54.41	(a)	3551.63
	11/19/00		(a)	54.65	(a)	3551.39
	03/27/01		(a)	54.36	(a)	3551.68
	10/03/01		(a)	54.34	(a)	3551.70
	06/11/02		(a)	54.31	(a)	3551.73
	01/29/03		(a)	54.35	(a)	3551.69
	07/31/03		(a)	54.52	(a)	3551.52
	03/22/04		(a)	55.28	(a)	3550.76
	09/08/04		(a)	56.25	(a)	3549.79
	03/29/05		(a)	56.52	(a)	3549.52
	10/04/05		(a)	56.83	(a)	3549.21
	03/23/06		(a)	57.43	(a)	3548.61
	09/19/06		(a)	57.65	(a)	3548.39
	03/13/07		(a)	57.10	(a)	3548.94
	09/21/07		(a)	57.07	(a)	3548.97
	03/04/08		(a)	56.83	(a)	3549.21
	09/09/08		(a)	57.70	(a)	3548.34
	03/10/09		(a)	57.14	(a)	3548.90
	10/08/09		(a)	58.25	(a)	3547.79
	03/22/10		(a)	57.33	(a)	3548.71

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-26	10/11/98	3597.75 (c)	(a)	47.31	(a)	3550.44
	10/29/98		(a)	47.53	(a)	3550.22
	12/21/98		(a)	47.24	(a)	3550.51
	03/23/99		(a)	46.86	(a)	3550.89
	09/07/99		(a)	46.07	(a)	3551.68
	03/27/00		(a)	45.70	(a)	3552.05
	11/19/00		(a)	46.83	(a)	3550.92
	03/27/01		(a)	46.23	(a)	3551.52
	10/03/01		(a)	46.58	(a)	3551.17
	06/11/02		(a)	46.71	(a)	3551.04
	01/29/03		(a)	47.21	(a)	3550.54
	07/31/03		(a)	47.55	(a)	3550.20
	03/22/04		(a)	48.21	(a)	3549.54
	09/08/04		(a)	49.04	(a)	3548.71
	03/29/05		(a)	49.40	(a)	3548.35
	10/04/05		(a)	49.76	(a)	3547.99
	03/23/06		(a)	50.28	(a)	3547.47
	09/19/06		(a)	51.05	(a)	3546.70
	03/13/07		(a)	50.15	(a)	3547.60
	09/21/07		(a)	50.02	(a)	3547.73
	03/04/08		(a)	49.53	(a)	3548.22
	09/09/08		(a)	51.86	(a)	3545.89
	03/10/09		(a)	50.11	(a)	3547.64
	10/08/09		(a)	52.35	(a)	3545.40
	03/22/10		(a)	50.52	(a)	3547.23
MW-27	10/11/98	3615.11 (c)	64.85	68.00	3.15	3549.50
	12/21/98		64.83	68.03	3.20	3549.51
	03/23/99		64.78	67.91	3.13	3549.58
	09/07/99		64.53	67.67	3.14	3549.83
	03/27/00		64.40	67.53	3.13	3549.96
	11/19/00	3615.11 (d)	64.59	67.51	2.92	3549.82
	02/12/01		64.40	67.53	3.13	3549.96
	03/27/01		64.28	67.57	3.29	3550.04
	10/03/01*		64.17	67.39	3.22	3550.17
	06/11/02		64.18	67.23	3.05	3550.20
	01/29/03		64.20	67.30	3.10	3550.17
	07/31/03		64.58	67.43	2.85	3549.85
	03/22/04		65.14	67.95	2.81	3549.30
	09/08/04		65.90	69.62	3.72	3548.32
	03/29/05		66.57	68.87	2.30	3547.99
	10/05/05		67.11	70.30	3.19	3547.23
	03/23/06		67.39	69.55	2.16	3547.20
	09/19/06		67.75	70.43	2.68	3546.72
	03/13/07		67.80	68.12	0.32	3547.23
	09/21/07		67.90	68.44	0.54	3547.08
	03/04/08		67.75	68.11	0.36	3547.27
	09/09/08		67.85	68.28	0.43	3547.16
	03/10/09		67.85	68.18	0.33	3547.18
	10/08/09		68.38	68.89	0.51	3546.61
	01/26/10		68.48	68.88	0.40	3546.53
	03/22/10		68.31	68.73	0.42	3546.70

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-28	11/19/00	3615.90 (d)	(a)	65.91	(a)	3549.99
	02/12/01		(a)	65.84	(a)	3550.06
	03/27/01		(a)	65.77	(a)	3550.13
	10/03/01		(a)	65.75	(a)	3550.15
	06/11/02		(a)	65.68	(a)	3550.22
	01/29/03		(a)	65.64	(a)	3550.26
	07/31/03		(a)	65.83	(a)	3550.07
	03/22/04		(a)	66.35	(a)	3549.55
	09/08/04		(a)	66.85	(a)	3549.05
	03/29/05		(a)	67.35	(a)	3548.55
	10/05/05		(a)	67.83	(a)	3548.07
	03/23/06		(a)	68.03	(a)	3547.87
	09/19/06		(a)	68.41	(a)	3547.49
	03/13/07		(a)	68.35	(a)	3547.55
	09/21/07		(a)	68.51	(a)	3547.39
	03/04/08		(a)	68.20	(a)	3547.70
	09/09/08		(a)	68.60	(a)	3547.30
	03/10/09		(a)	68.70	(a)	3547.20
	10/08/09		(a)	68.94	(a)	3546.96
	03/22/10		(a)	68.71	(a)	3547.19
MW-29	11/19/00	3613.54 (d)	(a)	64.85	(a)	3548.69
	02/12/01		(a)	64.61	(a)	3548.93
	03/27/01		(a)	64.47	(a)	3549.07
	10/03/01		(a)	64.51	(a)	3549.03
	06/11/02		(a)	64.67	(a)	3548.87
	01/29/03		(a)	64.80	(a)	3548.74
	07/31/03		(a)	65.05	(a)	3548.49
	03/22/04		(a)	65.44	(a)	3548.10
	09/08/04		(a)	65.91	(a)	3547.63
	03/29/05		(a)	66.13	(a)	3547.41
	10/05/05		(a)	66.61	(a)	3546.93
	03/23/06		(a)	66.68	(a)	3546.86
	09/19/06		(a)	67.63	(a)	3545.91
	03/13/07		(a)	67.60	(a)	3545.94
	09/21/07		(a)	67.68	(a)	3545.86
	03/04/08		(a)	67.23	(a)	3546.31
	09/09/08		(a)	68.47	(a)	3545.07
	03/10/09		(a)	67.86	(a)	3545.68
	10/08/09		(a)	68.82	(a)	3544.72
	03/22/10		(a)	68.04	(a)	3545.50

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-30	11/19/00	3612.63 (d)	(a)	63.27	(a)	3549.36
	02/12/01		(a)	62.96	(a)	3549.67
	03/27/01		(a)	62.88	(a)	3549.75
	10/03/01		(a)	62.79	(a)	3549.84
	06/11/02		(a)	62.75	(a)	3549.88
	01/29/03		(a)	62.75	(a)	3549.88
	07/31/03		(a)	62.93	(a)	3549.70
	03/22/04		(a)	63.37	(a)	3549.26
	09/08/04		(a)	63.79	(a)	3548.84
	03/29/05		(a)	64.30	(a)	3548.33
	10/05/05		(a)	64.96	(a)	3547.67
	03/23/06		(a)	64.95	(a)	3547.68
	09/19/06		(a)	65.29	(a)	3547.34
	03/13/07		(a)	65.38	(a)	3547.25
	09/21/07		(a)	65.53	(a)	3547.10
	03/04/08		(a)	65.36	(a)	3547.27
	09/08/08		(a)	65.65	(a)	3546.98
	09/09/08		(a)	65.65	(a)	3546.98
	03/10/09		(a)	65.83	(a)	3546.80
	10/08/09		(a)	65.97	(a)	3546.66
	03/22/10		(a)	65.81	(a)	3546.82
MW-31	10/03/01	3611.59 (e)	(a)	62.37	(a)	3549.22
	06/11/02		(a)	62.41	(a)	3549.18
	01/29/03		(a)	62.30	(a)	3549.29
	07/31/03		(a)	62.38	(a)	3549.21
	03/22/04		(a)	62.51	(a)	3549.08
	09/08/04		(a)	62.75	(a)	3548.84
	03/29/05		(a)	62.91	(a)	3548.68
	10/05/05		(a)	63.13	(a)	3548.46
	03/23/06		(a)	63.37	(a)	3548.22
	09/19/06		(a)	63.47	(a)	3548.12
	03/13/07		(a)	63.48	(a)	3548.11
	09/21/07		(a)	63.71	(a)	3547.88
	03/04/08		(a)	63.62	(a)	3547.97
	09/09/08		(a)	63.93	(a)	3547.66
	03/10/09		(a)	64.08	(a)	3547.51
	10/08/09		(a)	64.27	(a)	3547.32
	03/22/10		(a)	64.04	(a)	3547.55

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-32	10/03/01	3608.73 (e)	(a)	60.65	(a)	3548.08
	06/11/02		(a)	60.75	(a)	3547.98
	01/29/03		(a)	61.05	(a)	3547.68
	07/31/03		(a)	61.30	(a)	3547.43
	03/22/04		(a)	61.66	(a)	3547.07
	09/08/04		(a)	62.09	(a)	3546.64
	03/29/05		(a)	62.03	(a)	3546.70
	10/05/05		(a)	62.78	(a)	3545.95
	03/23/06		(a)	62.62	(a)	3546.11
	09/19/06		(a)	63.18	(a)	3545.55
	03/13/07		(a)	63.52	(a)	3545.21
	09/21/07		(a)	64.11	(a)	3544.62
	03/04/08		(a)	63.75	(a)	3544.98
	09/09/08		(a)	65.94	(a)	3542.79
	03/10/09		(a)	65.01	(a)	3543.72
	10/08/09		(a)	66.29	(a)	3542.44
	03/22/10		(a)	65.44	(a)	3543.29
MW-33	10/03/01	3610.55 (e)	(a)	61.87	(a)	3548.68
	06/11/02		(a)	61.85	(a)	3548.70
	01/29/03		(a)	61.83	(a)	3548.72
	07/31/03		(a)	61.95	(a)	3548.60
	03/22/04		(a)	62.19	(a)	3548.36
	09/08/04		(a)	62.41	(a)	3548.14
	03/29/05		(a)	62.66	(a)	3547.89
	10/05/05		(a)	62.87	(a)	3547.68
	03/23/06		(a)	63.06	(a)	3547.49
	09/19/06		(a)	63.21	(a)	3547.34
	03/13/07		(a)	63.27	(a)	3547.28
	09/21/07		(a)	63.45	(a)	3547.10
	03/04/08		(a)	63.46	(a)	3547.09
	09/09/08		(a)	63.66	(a)	3546.89
	03/10/09		(a)	63.81	(a)	3546.74
	10/08/09		(a)	63.95	(a)	3546.60
	03/22/10		(a)	63.94	(a)	3546.61
MW-34	01/29/03	3605.05 (f)	(a)	57.63	(a)	3547.42
	07/31/03		(a)	57.96	(a)	3547.09
	03/22/04		(a)	58.36	(a)	3546.69
	09/08/04		(a)	58.74	(a)	3546.31
	03/29/05		(a)	58.81	(a)	3546.24
	10/05/05		(a)	59.40	(a)	3545.65
	03/23/06		(a)	59.51	(a)	3545.54
	09/19/06		(a)	60.05	(a)	3545.00
	03/13/07		(a)	60.12	(a)	3544.93
	09/21/07		(a)	60.61	(a)	3544.44
	03/04/08		(a)	60.23	(a)	3544.82
	09/09/08		(a)	62.09	(a)	3542.96
	03/10/09		(a)	61.57	(a)	3543.48
	10/08/09		(a)	62.61	(a)	3542.44
	03/22/10		(a)	61.93	(a)	3543.12

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-35	01/29/03	3601.87 (f)	(a)	54.56	(a)	3547.31
	07/31/03		(a)	54.93	(a)	3546.94
	03/22/04		(a)	55.29	(a)	3546.58
	09/08/04		(a)	55.73	(a)	3546.14
	03/29/05		(a)	55.69	(a)	3546.18
	10/05/05		(a)	56.38	(a)	3545.49
	03/23/06		(a)	56.50	(a)	3545.37
	09/19/06		(a)	57.04	(a)	3544.83
	03/13/07		(a)	56.97	(a)	3544.90
	09/21/07		(a)	57.48	(a)	3544.39
	03/04/08		(a)	57.11	(a)	3544.76
	09/09/08		(a)	58.69	(a)	3543.18
	03/10/09		(a)	58.40	(a)	3543.47
	10/08/09		(a)	59.42	(a)	3542.45
	03/22/10		(a)	58.85	(a)	3543.02
MW-36	03/22/04	3601.97 (g)	(a)	54.72	(a)	3547.25
	09/08/04		(a)	55.02	(a)	3546.95
	03/29/05		(a)	55.14	(a)	3546.83
	10/05/05		(a)	55.60	(a)	3546.37
	03/23/06		(a)	55.93	(a)	3546.04
	09/19/06		(a)	56.28	(a)	3545.69
	03/13/07		(a)	56.30	(a)	3545.67
	09/21/07		(a)	56.61	(a)	3545.36
	03/04/08		(a)	56.49	(a)	3545.48
	09/09/08		(a)	57.26	(a)	3544.71
	03/10/09		(a)	57.51	(a)	3544.46
	10/08/09		(a)	58.05	(a)	3543.92
	03/22/10		(a)	57.99	(a)	3543.98
MW-37	03/22/04	3599.86 (g)	(a)	53.45	(a)	3546.41
	09/08/04		(a)	53.82	(a)	3546.04
	03/29/05		(a)	53.81	(a)	3546.05
	10/05/05		(a)	54.46	(a)	3545.40
	03/23/06		(a)	54.59	(a)	3545.27
	09/19/06		(a)	55.21	(a)	3544.65
	03/13/07		(a)	55.09	(a)	3544.77
	09/21/07		(a)	55.59	(a)	3544.27
	03/04/08		(a)	55.21	(a)	3544.65
	09/09/08		(a)	56.78	(a)	3543.08
	03/10/09		(a)	56.53	(a)	3543.33
	10/08/09		(a)	57.46	(a)	3542.40
	03/22/10		(a)	56.98	(a)	3542.88

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-38	03/22/04	3598.11 (g)	(a)	43.80	(a)	3554.31
	09/08/04		(a)	45.11	(a)	3553.00
	03/29/05		(a)	45.06	(a)	3553.05
	10/05/05		(a)	48.18	(a)	3549.93
	03/23/06		(a)	46.38	(a)	3551.73
	09/19/06		(a)	44.25	(a)	3553.86
	03/13/07		(a)	43.30	(a)	3554.81
	09/21/07		(a)	41.54	(a)	3556.57
	03/04/08		(a)	42.48	(a)	3555.63
	09/09/08		(a)	44.75	(a)	3553.36
	03/10/09		(a)	45.91	(a)	3552.20
	10/08/09		(a)	46.07	(a)	3552.04
	03/22/10		(a)	47.01	(a)	3551.10
MW-23 D	08/19/97	3605.16	(a)	62.05	(a)	3543.11
	10/30/97		(a)	59.11	(a)	3546.05
	01/26/98		(a)	56.19	(a)	3548.97
	05/06/98	3605.23 (b)	(a)	59.01	(a)	3546.22
	05/07/98		(a)	59.08	(a)	3546.15
	05/25/98		(a)	60.35	(a)	3544.88
	08/10/98		(a)	63.46	(a)	3541.77
	10/11/98	3605.00 (c)	(a)	61.26	(a)	3543.74
	10/19/98		(a)	60.92	(a)	3544.08
	12/21/98		(a)	57.68	(a)	3547.32
	03/23/99		(a)	56.42	(a)	3548.58
	09/07/99		(a)	61.13	(a)	3543.87
	03/27/00		(a)	57.14	(a)	3547.86
	11/19/00		(a)	59.80	(a)	3545.20
	03/27/01		(a)	56.89	(a)	3548.11
	10/03/01		(a)	62.57	(a)	3542.43
	06/11/02		(a)	62.93	(a)	3542.07
	01/29/03		(a)	59.51	(a)	3545.49
	07/31/03		(a)	66.97	(a)	3538.03
	03/22/04		(a)	62.15	(a)	3542.85
	09/08/04		(a)	67.11	(a)	3537.89
	03/29/05		(a)	61.75	(a)	3543.25
	10/04/05		(a)	67.34	(a)	3537.66
	03/23/06		(a)	64.32	(a)	3540.68
	09/19/06		(a)	67.23	(a)	3537.77
	03/13/07		(a)	62.70	(a)	3542.30
	09/21/07		(a)	67.03	(a)	3537.97
	03/04/08		(a)	63.47	(a)	3541.53
	09/09/08		(a)	69.47	(a)	3535.53
	03/10/09		(a)	65.10	(a)	3539.90
	10/08/09		(a)	70.13	(a)	3534.87
	03/22/10		(a)	65.02	(a)	3539.98

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-24 D	10/11/98	3595.95 (c)	(a)	52.70	(a)	3543.25
	10/19/98		(a)	52.39	(a)	3543.56
	10/29/98		(a)	51.51	(a)	3544.44
	12/21/98		(a)	49.24	(a)	3546.71
	03/23/99		(a)	47.80	(a)	3548.15
	09/07/99		(a)	52.21	(a)	3543.74
	03/27/00		(a)	48.19	(a)	3547.76
	11/19/00		(a)	51.19	(a)	3544.76
	03/27/01		(a)	48.07	(a)	3547.88
	10/03/01		(a)	53.99	(a)	3541.96
	06/11/02		(a)	53.81	(a)	3542.14
	01/29/03		(a)	50.73	(a)	3545.22
	07/31/03		(a)	57.65	(a)	3538.30
	03/22/04		(a)	53.20	(a)	3542.75
	09/08/04		(a)	58.11	(a)	3537.84
	03/29/05		(a)	52.70	(a)	3543.25
	10/04/05		(a)	57.99	(a)	3537.96
	03/23/06		(a)	55.11	(a)	3540.84
	09/19/06		(a)	57.88	(a)	3538.07
	03/13/07		(a)	53.75	(a)	3542.20
	09/21/07		(a)	57.90	(a)	3538.05
	03/04/08		(a)	54.57	(a)	3541.38
	09/09/08		(a)	60.44	(a)	3535.51
	03/10/09		(a)	56.62	(a)	3539.33
	10/08/09		(a)	61.13	(a)	3534.82
	03/22/10		(a)	56.22	(a)	3539.73
MW-25 D	10/11/98	3592.99 (c)	(a)	48.59	(a)	3544.40
	10/19/98		(a)	48.55	(a)	3544.44
	10/29/98		(a)	48.19	(a)	3544.80
	12/21/98		(a)	47.01	(a)	3545.98
	03/23/99		(a)	45.42	(a)	3547.57
	09/07/99		(a)	46.46	(a)	3546.53
	03/27/00		(a)	44.73	(a)	3548.26
	11/19/00		(a)	47.96	(a)	3545.03
	03/27/01		(a)	45.36	(a)	3547.63
	10/03/01		(a)	48.48	(a)	3544.51
	06/11/02		(a)	47.65	(a)	3545.34
	01/29/03		(a)	47.94	(a)	3545.05
	07/31/03		(a)	50.63	(a)	3542.36
	03/22/04		(a)	49.41	(a)	3543.58
	09/08/04		(a)	52.55	(a)	3540.44
	03/29/05		(a)	49.31	(a)	3543.68
	10/04/05		(a)	53.14	(a)	3539.85
	03/23/06		(a)	51.05	(a)	3541.94
	09/19/06		(a)	54.13	(a)	3538.86
	03/13/07		(a)	50.55	(a)	3542.44
	09/21/07		(a)	53.03	(a)	3539.96
	03/04/08		(a)	51.05	(a)	3541.94
	09/09/08		(a)	55.20	(a)	3537.79
	03/10/09		(a)	52.59	(a)	3540.40
	10/08/09		(a)	56.59	(a)	3536.40
	03/22/10		(a)	52.89	(a)	3540.10

Table 1. Summary of Groundwater Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
Well #2	05/06/98	3615.28 (b)	(a)	65.48	(a)	3549.80
	05/07/98		(a)	65.51	(a)	3549.77
Well #5	05/06/98	3635.39 (b)	(a)	83.75	(a)	3551.64
	05/07/98		(a)	83.79	(a)	3551.60

NOTES:
PSH - Phase separated hydrocarbon
Corrections to ground water surface elevation for PSH is calculated assuming a specific gravity of 0.76
(NA) Information not available
(a) Not applicable since no measurable thickness of PSH is present
(b) Elevation based on survey by Wagener Engineering dated 5/6/98
(c) Elevation based on survey by Wagener Engineering dated 9/17/98
(d) Elevation based on survey by Wagener Engineering dated 11/29/00
(e) Elevation based on survey by Wagener Engineering dated 10/03/01
(f) Elevation based on survey by Cypress Engineering dated 03/14/03
(g) Elevation based on survey by Cypress Engineering dated 06/23/07

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-1	01/29/03	NA	(a)	60.39	(a)	NA
	07/31/03		(a)	60.66	(a)	NA
	03/22/04		(a)	60.07	(a)	NA
	09/08/04		(a)	61.38	(a)	NA
	03/29/05		(a)	61.26	(a)	NA
	10/05/05		(a)	62.03	(a)	NA
	03/23/06		(a)	61.85	(a)	NA
	09/19/06		(a)	62.31	(a)	NA
	03/13/07		(a)	62.77	(a)	NA
	09/21/07		(a)	63.45	(a)	NA
	03/05/08		(a)	63.32	(a)	NA
	09/09/08		(a)	65.51	(a)	NA
	03/10/09		(a)	64.40	(a)	NA
	10/08/09		(a)	65.90	(a)	NA
	03/22/10		(a)	64.85	(a)	NA
MPE-2	01/29/03	NA	(a)	59.18	(a)	NA
	07/31/03		(a)	59.82	(a)	NA
	03/22/04		(a)	60.88	(a)	NA
	09/08/04		(a)	60.45	(a)	NA
	03/29/05		(a)	60.27	(a)	NA
	10/05/05		(a)	61.17	(a)	NA
	03/23/06		(a)	61.20	(a)	NA
	09/19/06		(a)	61.75	(a)	NA
	03/13/07		(a)	61.88	(a)	NA
	09/21/07		(a)	62.52	(a)	NA
	03/05/08		(a)	62.40	(a)	NA
	09/09/08		(a)	64.12	(a)	NA
	03/10/09		(a)	63.39	(a)	NA
	10/08/09		(a)	64.51	(a)	NA
	03/22/10		(a)	63.73	(a)	NA
MPE-3	01/29/03	NA	(a)	62.33	(a)	NA
	07/31/03		(a)	62.85	(a)	NA
	03/22/04		(a)	63.10	(a)	NA
	09/08/04		(a)	63.60	(a)	NA
	03/29/05		(a)	63.57	(a)	NA
	10/05/05		(a)	64.90	(a)	NA
	03/23/06		(a)	64.10	(a)	NA
	09/19/06		(a)	64.65	(a)	NA
	03/13/07		(a)	65.05	(a)	NA
	09/21/07		(a)	65.62	(a)	NA
	03/05/08		(a)	65.48	(a)	NA
	09/09/08		(a)	67.48	(a)	NA
	03/10/09		(a)	66.50	(a)	NA
	10/08/09		(a)	67.85	(a)	NA
	03/22/10		(a)	66.94	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-4	01/29/03	NA	(a)	63.37	(a)	NA
	07/31/03		(a)	63.54	(a)	NA
	03/22/04		(a)	63.81	(a)	NA
	09/08/04		(a)	64.30	(a)	NA
	03/29/05		(a)	64.29	(a)	NA
	10/05/05		(a)	64.29	(a)	NA
	03/23/06		(a)	64.78	(a)	NA
	09/19/06		(a)	65.45	(a)	NA
	03/13/07		(a)	62.77	(a)	NA
	09/21/07		(a)	66.15	(a)	NA
	03/05/08		(a)	65.92	(a)	NA
	09/09/08		(a)	67.41	(a)	NA
	03/10/09		(a)	66.25	(a)	NA
	10/08/09		(a)	67.94	(a)	NA
	03/22/10		(a)	66.87	(a)	NA
MPE-5	01/29/03	NA	(a)	63.78	(a)	NA
	07/31/03		(a)	63.95	(a)	NA
	03/22/04		(a)	64.19	(a)	NA
	09/08/04		(a)	64.80	(a)	NA
	03/29/05		(a)	64.84	(a)	NA
	10/05/05		(a)	65.39	(a)	NA
	03/23/06		(a)	65.60	(a)	NA
	09/19/06		(a)	66.36	(a)	NA
	03/13/07		(a)	65.86	(a)	NA
	09/21/07		(a)	66.83	(a)	NA
	03/05/08		(a)	66.42	(a)	NA
	09/09/08		(a)	67.41	(a)	NA
	03/10/09		(a)	66.88	(a)	NA
	10/08/09		(a)	67.95	(a)	NA
	03/22/10		(a)	67.08	(a)	NA
MPE-6	01/29/03	NA	(a)	65.00	(a)	NA
	07/31/03		(a)	65.17	(a)	NA
	03/22/04		(a)	65.44	(a)	NA
	09/08/04		(a)	66.02	(a)	NA
	03/29/05		(a)	65.91	(a)	NA
	10/05/05		(a)	66.66	(a)	NA
	03/23/06		(a)	66.53	(a)	NA
	09/19/06		(a)	67.07	(a)	NA
	03/13/07		(a)	67.40	(a)	NA
	09/21/07		(a)	67.98	(a)	NA
	03/05/08		(a)	67.81	(a)	NA
	09/09/08		(a)	69.54	(a)	NA
	03/10/09		(a)	68.74	(a)	NA
	10/08/09		(a)	70.16	(a)	NA
	03/22/10		(a)	69.19	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-7	01/29/03	NA	(a)	63.93	(a)	NA
	07/31/03		(a)	63.88	(a)	NA
	03/22/04		(a)	64.45	(a)	NA
	09/08/04		(a)	65.25	(a)	NA
	03/29/05		(a)	65.71	(a)	NA
	10/05/05		(a)	66.20	(a)	NA
	03/23/06		(a)	66.36	(a)	NA
	09/19/06		(a)	66.93	(a)	NA
	03/13/07		(a)	66.58	(a)	NA
	09/21/07		(a)	67.16	(a)	NA
	03/05/08		(a)	66.47	(a)	NA
	09/09/08		(a)	69.08	(a)	NA
	03/10/09		(a)	67.79	(a)	NA
	10/08/09		(a)	69.75	(a)	NA
	03/22/10		(a)	67.62	(a)	NA
MPE-8	01/29/03	NA	(a)	62.43	(a)	NA
	07/31/03		(a)	62.74	(a)	NA
	03/22/04		(a)	63.14	(a)	NA
	09/08/04		(a)	63.70	(a)	NA
	03/29/05		(a)	64.00	(a)	NA
	10/05/05		(a)	64.35	(a)	NA
	03/23/06		(a)	64.85	(a)	NA
	09/19/06		(a)	66.20	(a)	NA
	03/13/07		(a)	66.45	(a)	NA
	09/21/07		(a)	65.25	(a)	NA
	03/05/08		(a)	65.02	(a)	NA
	09/09/08		(a)	65.40	(a)	NA
	03/10/09		(a)	65.06	(a)	NA
	10/08/09		(a)	65.79	(a)	NA
	03/22/10		(a)	65.53	(a)	NA
MPE-9	01/29/03	NA	63.96	66.65	2.69	NA
	07/31/03		64.05	67.46	3.41	NA
	03/22/04		63.47	67.30	3.83	NA
	09/08/04		65.51	68.41	2.90	NA
	03/29/05		66.35	68.40	2.05	NA
	10/05/05		66.93	69.29	2.36	NA
	03/23/06		67.50	68.00	0.50	NA
	09/19/06		(a)	68.05	(a)	NA
	03/13/07		67.30	67.35	0.05	NA
	09/21/07		67.43	67.60	0.17	NA
	03/05/08		67.31	67.32	0.01	NA
	09/09/08		(a)	67.15	(a)	NA
	03/10/09		(a)	67.24	(a)	NA
	10/08/09		(a)	67.79	(a)	NA
	01/26/10		67.92	67.93	0.01	NA
	03/22/10		(a)	67.82	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-10	01/29/03	NA	(a)	62.90	(a)	NA
	07/31/03		(a)	63.08	(a)	NA
	03/22/04		(a)	63.85	(a)	NA
	09/08/04		64.45	66.87	2.42	NA
	03/29/05		65.5	65.70	0.20	NA
	10/05/05		65.62	67.65	2.03	NA
	03/23/06		65.87	67.35	1.48	NA
	09/19/06		66.35	Tagged pump	NA	NA
	03/13/07		65.58	66.42	0.84	NA
	09/21/07		(a)	66.00	(a)	NA
	03/05/08		65.51	65.87	0.36	NA
	09/09/08		66.48	66.90	0.42	NA
	03/10/09		65.58	66.45	0.87	NA
	03/22/10		(a)	66.20	(a)	NA
MPE-11	01/29/03	NA	(a)	60.20	(a)	NA
	07/31/03		(a)	60.52	(a)	NA
	03/22/04		(a)	60.93	(a)	NA
	09/08/04		(a)	61.60	(a)	NA
	03/29/05		(a)	61.89	(a)	NA
	10/05/05		(a)	62.30	(a)	NA
	03/23/06		(a)	62.81	(a)	NA
	09/19/06		(a)	64.61	(a)	NA
	03/13/07		(a)	63.45	(a)	NA
	03/05/08		(a)	62.85	(a)	NA
	09/09/08		(a)	63.57	(a)	NA
	03/10/09		(a)	63.02	(a)	NA
	10/08/09		(a)	63.81	(a)	NA
MPE-12	01/29/03	NA	(a)	61.54	(a)	NA
	07/31/03		61.29	63.31	2.02	NA
	03/22/04		61.98	64.40	2.42	NA
	09/08/04		63.55	64.54	0.99	NA
	03/29/05		64.46	64.95	0.49	NA
	10/05/05		64.55	65.26	0.71	NA
	03/23/06		64.42	65.52	1.10	NA
	09/19/06		64.82	66.70	1.88	NA
	03/13/07		64.22	64.94	0.72	NA
	09/21/07		64.42	65.23	0.81	NA
	03/05/08		(a)	64.21	(a)	NA
	09/09/08		64.70	65.60	0.90	NA
	03/10/09		64.30	64.60	0.30	NA
	10/08/09		65.24	65.45	0.21	NA
	01/26/10		64.75	65.12	0.37	NA
	03/22/10		64.55	64.60	0.05	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-13	01/29/03	NA	(a)	60.31	(a)	NA
	07/31/03		(a)	60.72	(a)	NA
	03/22/04		(a)	61.07	(a)	NA
	09/08/04		(a)	61.95	(a)	NA
	03/29/05		62.35	62.47	0.12	NA
	10/05/05		62.44	63.57	1.13	NA
	03/23/06		63.05	63.90	0.85	NA
	09/19/06		(a)	65.23	(a)	NA
	03/13/07		63.15	65.80	2.65	NA
	09/21/07		63.05	65.50	2.45	NA
	03/05/08		62.39	64.75	2.36	NA
	09/09/08		63.15	65.55	2.40	NA
	03/10/09		62.93	63.90	0.97	NA
	10/08/09		63.65	64.00	0.35	NA
	01/26/10		63.44	63.75	0.31	NA
	03/22/10		62.93	63.15	0.22	NA
MPE-14	01/29/03	NA	(a)	60.95	(a)	NA
	07/31/03		(a)	61.38	(a)	NA
	03/22/04		(a)	61.77	(a)	NA
	09/08/04		(a)	62.65	(a)	NA
	03/29/05		62.06	66.34	4.28	NA
	10/05/05		62.37	65.90	3.53	NA
	03/23/06		62.90	66.64	3.74	NA
	09/19/06		65.72	66.15	0.43	NA
	03/13/07		63.71	66.25	2.54	NA
	09/21/07		64.19	64.55	0.36	NA
	03/05/08		63.43	63.85	0.42	NA
	09/09/08		(a)	64.58	(a)	NA
	03/10/09		63.70	63.83	0.13	NA
	10/08/09		(a)	64.27	(a)	NA
	01/26/10		(a)	64.08	(a)	NA
	03/22/10		(a)	63.57	(a)	NA
MPE-15	01/29/03	NA	(a)	61.10	(a)	NA
	07/31/03		(a)	61.20	(a)	NA
	03/22/04		(a)	61.29	(a)	NA
	09/08/04		(a)	61.60	(a)	NA
	03/29/05		(a)	61.58	(a)	NA
	10/05/05		(a)	62.16	(a)	NA
	09/19/06		(a)	62.83	(a)	NA
	03/13/07		(a)	62.78	(a)	NA
	09/21/07		(a)	62.95	(a)	NA
	03/05/08		(a)	62.83	(a)	NA
	09/09/08		(a)	62.71	(a)	NA
	03/10/09		(a)	62.40	(a)	NA
	10/08/09		(a)	62.59	(a)	NA
	03/22/10		(a)	62.36	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-16	01/29/03	NA	61.10	64.91	3.81	NA
	07/31/03		61.53	65.55	4.02	NA
	03/22/04		62.15	65.50	3.35	NA
	09/08/04		63.60	65.75	2.15	NA
	03/29/05		65.24	65.25	0.01	NA
	10/05/05		64.24	66.51	2.27	NA
	03/23/06		64.58	67.32	2.74	NA
	09/19/06		65.75	Tagged pump	NA	NA
	09/21/07		--	Tagged pump	NA	NA
	03/05/08		64.16	Tagged pump	NA	NA
	09/09/08		64.85	66.50	1.65	NA
	03/10/09		64.32	65.75	1.43	NA
	10/08/09		65.63	Tagged pump	NA	NA
	01/26/10		64.64	66.30	1.66	NA
	03/22/10		64.27	66.21	1.94	NA
MPE-17	01/29/03	NA	60.86	65.50	4.64	NA
	07/31/03		61.40	66.69	5.29	NA
	03/22/04		62.20	65.69	3.49	NA
	09/08/04		63.45	65.92	2.47	NA
	03/29/05		64.85	66.64	1.79	NA
	10/05/05		64.51	65.64	1.13	NA
	03/23/06		65.70	67.01	1.31	NA
	09/19/06		67.30	Tagged pump	NA	NA
	03/13/07		65.78	66.55	0.77	NA
	09/21/07		65.50	65.55	0.05	NA
	03/05/08		(a)	64.62	(a)	NA
	09/09/08		(a)	65.60	(a)	NA
	03/10/09		64.80	65.07	0.27	NA
	10/08/09		65.48	65.55	0.07	NA
	01/26/10		65.19	65.22	0.03	NA
	03/22/10		(a)	64.77	(a)	(a)
MPE-18	01/29/03	NA	(a)	59.42	(a)	NA
	07/31/03		(a)	59.75	(a)	NA
	03/22/04		(a)	60.18	(a)	NA
	09/08/04		(a)	60.75	(a)	NA
	03/29/05		(a)	61.14	(a)	NA
	10/05/05		(a)	61.40	(a)	NA
	03/23/06		(a)	62.18	(a)	NA
	09/19/06		(a)	62.95	(a)	NA
	03/13/07		(a)	62.32	(a)	NA
	09/21/07		(a)	62.29	(a)	NA
	03/05/08		(a)	61.69	(a)	NA
	09/09/08		(a)	62.20	(a)	NA
	03/10/09		(a)	61.65	(a)	NA
	10/08/09		(a)	61.93	(a)	NA
	03/22/10		(a)	61.44	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-19	01/29/03	NA	(a)	62.40	(a)	NA
	07/31/03		(a)	62.73	(a)	NA
	03/22/04		(a)	63.25	(a)	NA
	09/08/04		(a)	64.35	(a)	NA
	03/29/05		(a)	64.40	(a)	NA
	10/05/05		(a)	64.99	(a)	NA
	03/23/06		(a)	65.40	(a)	NA
	09/19/06		(a)	65.85	(a)	NA
	03/13/07		(a)	65.15	(a)	NA
	09/21/07		(a)	65.35	(a)	NA
	03/05/08		(a)	64.92	(a)	NA
	09/09/08		(a)	65.29	(a)	NA
	03/10/09		(a)	65.02	(a)	NA
	10/08/09		(a)	65.54	(a)	NA
	03/22/10		(a)	65.14	(a)	NA
MPE-20	01/29/03	NA	58.21	65.10	6.89	NA
	07/31/03		58.70	65.08	6.38	NA
	03/22/04		59.28	65.68	6.40	NA
	09/08/04		62.01	65.43	3.42	NA
	03/29/05		63.20	66.02	2.82	NA
	10/04/05		63.07	64.77	1.70	NA
	03/23/06		64.81	66.55	1.74	NA
	09/19/06		66.25	67.26	1.01	NA
	03/13/07		63.25	64.70	1.45	NA
	09/21/07		62.90	64.55	1.65	NA
	03/05/08		61.92	63.88	1.96	NA
	09/09/08		62.75	64.99	2.24	NA
	03/10/09		62.58	64.52	1.94	NA
	10/08/09		62.45	65.34	2.89	NA
	01/26/10		62.28	65.10	2.82	NA
	03/22/10		61.58	64.81	3.23	NA
MPE-21	01/29/03	NA	(a)	55.64	(a)	NA
	07/31/03		54.78	55.30	0.52	NA
	03/22/04		55.20	55.75	0.55	NA
	09/08/04		56.78	56.85	0.07	NA
	03/29/05		(a)	57.11	(a)	NA
	10/04/05		57.63	57.66	0.03	NA
	03/23/06		57.64	57.65	0.01	NA
	09/19/06		58.25	58.50	0.25	NA
	03/13/07		(a)	57.45	(a)	NA
	09/21/07		57.78	57.90	0.12	NA
	03/05/08		57.75	57.77	0.02	NA
	09/09/08		57.00	57.10	0.10	NA
	03/10/09		(a)	56.57	(a)	NA
	10/08/09		(a)	57.13	(a)	NA
	01/26/10		(a)	57.71	(a)	NA
	03/22/10		(a)	57.68	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-22	01/29/03	NA	(a)	64.50	(a)	NA
	07/31/03		(a)	64.51	(a)	NA
	03/22/04		(a)	65.16	(a)	NA
	09/08/04		(a)	66.06	(a)	NA
	03/29/05		(a)	66.40	(a)	NA
	10/04/05		(a)	66.61	(a)	NA
	03/23/06		(a)	67.33	(a)	NA
	09/19/06		(a)	67.30	(a)	NA
	03/13/07		(a)	66.90	(a)	NA
	09/21/07		(a)	67.01	(a)	NA
	03/05/08		(a)	66.69	(a)	NA
	09/09/08		(a)	67.35	(a)	NA
	03/10/09		(a)	67.17	(a)	NA
	10/08/09		(a)	67.68	(a)	NA
	01/26/10		(a)	67.33	(a)	NA
	03/22/10		(a)	66.99	(a)	NA
MPE-23	01/29/03	NA	(a)	59.86	(a)	NA
	07/31/03		60.05	60.10	0.05	NA
	03/22/04		60.64	61.30	0.66	NA
	09/08/04		61.62	64.90	3.28	NA
	03/29/05		62.7	64.45	1.75	NA
	10/04/05		(a)	62.13	(a)	NA
	03/23/06		63.92	64.84	0.92	NA
	09/19/06		63.78	65.28	1.50	NA
	03/13/07		62.28	65.20	2.92	NA
	09/21/07		63.02	64.80	1.78	NA
	03/05/08		61.82	64.33	2.51	NA
	09/09/08		64.30	tag top of pump	(a)	NA
	03/10/09		62.85	64.00	1.15	NA
	10/08/09		62.58	64.90	2.32	NA
	01/26/10		62.84	63.98	1.14	NA
	03/22/10		61.94	62.58	0.64	NA
MPE-24	01/29/03	NA	(a)	55.83	(a)	NA
	07/31/03		55.08	55.60	0.52	NA
	03/22/04		55.90	56.91	1.01	NA
	09/08/04		56.80	61.23	4.43	NA
	03/29/05		57.50	59.49	1.99	NA
	10/04/05		57.93	60.79	2.86	NA
	03/23/06		59.43	59.90	0.47	NA
	09/19/06		60.09	60.15	0.06	NA
	03/13/07		58.40	60.15	1.75	NA
	09/21/07		58.15	61.01	2.86	NA
	03/05/08		57.58	59.43	1.85	NA
	09/09/08		57.92	60.25	2.33	NA
	03/10/09		57.55	58.93	1.38	NA
	10/08/09		57.20	59.52	2.32	NA
	01/26/10		57.65	59.92	2.27	NA
	03/22/10		57.41	59.75	2.34	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-25	01/29/03	NA	(a)	64.51	(a)	NA
	07/31/03		(a)	64.53	(a)	NA
	03/22/04		(a)	65.19	(a)	NA
	09/08/04		(a)	66.12	(a)	NA
	03/29/05		(a)	66.44	(a)	NA
	10/04/05		(a)	66.71	(a)	NA
	03/23/06		(a)	67.42	(a)	NA
	09/19/06		67.30	67.31	0.01	NA
	03/13/07		(a)	66.88	(a)	NA
	09/21/07		(a)	66.90	(a)	NA
	03/05/08		(a)	66.66	(a)	NA
	09/09/08		(a)	67.40	(a)	NA
	03/10/09		(a)	67.13	(a)	NA
	10/08/09		(a)	67.79	(a)	NA
	01/26/10		(a)	67.40	(a)	NA
	03/22/10		(a)	67.07	(a)	NA
MPE-26	01/29/03	NA	(a)	61.89	(a)	NA
	07/31/03		61.65	62.95	1.30	NA
	03/22/04		62.68	62.71	0.03	NA
	09/08/04		63.60	63.64	0.04	NA
	03/29/05		63.80	64.26	0.46	NA
	10/04/05		64.15	64.25	0.10	NA
	03/23/06		64.90	64.92	0.02	NA
	09/19/06		64.82	65.10	0.28	NA
	03/13/07		64.35	64.65	0.30	NA
	09/21/07		(a)	64.34	(a)	NA
	03/05/08		64.03	64.40	0.37	NA
	09/09/08		64.90	65.30	0.40	NA
	03/10/09		64.54	64.86	0.32	NA
	10/08/09		65.30	65.70	0.40	NA
	01/26/10		64.84	65.32	0.48	NA
	03/22/10		64.46	65.04	0.58	NA
MPE-27	01/29/03	NA	59.20	63.98	4.78	NA
	07/31/03		59.25	64.13	4.88	NA
	03/22/04		60.95	63.55	2.60	NA
	09/08/04		62.05	64.50	2.45	NA
	03/29/05		62.49	65.28	2.79	NA
	10/04/05		62.57	65.33	2.76	NA
	03/23/06		64.22	64.30	0.08	NA
	09/19/06		63.90	64.41	0.51	NA
	03/13/07		62.40	65.40	3.00	NA
	09/21/07		62.53	64.85	2.32	NA
	03/05/08		62.05	63.74	1.69	NA
	09/09/08		62.68	69.55	6.87	NA
	03/10/09		62.65	64.96	2.31	NA
	10/08/09		63.05	69.05	6.00	NA
	01/26/10		(a)	62.92	(a)	NA
	03/22/10		62.60	64.38	1.78	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-28	01/29/03	NA	53.69	55.57	1.88	NA
	07/31/03		53.69	56.90	3.21	NA
	03/22/04		55.59	57.75	2.16	NA
	09/08/04		56.43	59.52	3.09	NA
	03/29/05		58.95	60.20	1.25	NA
	10/04/05		(a)	57.68	(a)	NA
	03/23/06		59.70	59.95	0.25	NA
	09/19/06		59.52	60.20	0.68	NA
	03/13/07		56.85	58.75	1.90	NA
	09/21/07		56.48	57.00	0.52	NA
	03/05/08		55.28	57.43	2.15	NA
	09/09/08		56.25	59.95	3.70	NA
	03/10/09		55.01	59.20	4.19	NA
	10/08/09		56.72	60.21	3.49	NA
	01/26/10		56.12	59.78	3.66	NA
	03/22/10		55.50	59.20	3.70	NA
MPE-29	01/29/03	NA	(a)	64.75	(a)	NA
	07/31/03		(a)	64.79	(a)	NA
	03/22/04		(a)	65.58	(a)	NA
	09/08/04		(a)	66.51	(a)	NA
	03/29/05		(a)	66.79	(a)	NA
	10/04/05		(a)	67.06	(a)	NA
	03/23/06		(a)	67.78	(a)	NA
	09/19/06		(a)	67.82	(a)	NA
	03/13/07		(a)	67.35	(a)	NA
	09/21/07		(a)	67.30	(a)	NA
	03/05/08		(a)	67.01	(a)	NA
	09/09/08		(a)	67.97	(a)	NA
	03/10/09		(a)	67.35	(a)	NA
	10/08/09		(a)	68.38	(a)	NA
	03/22/10		(a)	67.58	(a)	NA
MPE-30	01/29/03	NA	(a)	63.61	(a)	NA
	07/31/03		(a)	63.35	(a)	NA
	03/22/04		(a)	63.92	(a)	NA
	09/08/04		(a)	64.92	(a)	NA
	03/29/05		(a)	64.97	(a)	NA
	10/04/05		(a)	65.24	(a)	NA
	03/23/06		(a)	65.65	(a)	NA
	09/19/06		(a)	65.50	(a)	NA
	03/13/07		(a)	64.85	(a)	NA
	09/21/07		(a)	64.65	(a)	NA
	03/05/08		(a)	64.38	(a)	NA
	09/09/08		(a)	64.93	(a)	NA
	03/10/09		(a)	64.92	(a)	NA
	10/08/09		(a)	66.20	(a)	NA
	03/22/10		(a)	65.41	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-31	01/29/03	NA	(a)	60.61	(a)	NA
	07/31/03		(a)	60.63	(a)	NA
	03/22/04		61.55	61.73	0.18	NA
	09/08/04		62.35	63.45	1.10	NA
	03/29/05		63.10	63.11	0.01	NA
	10/04/05		(a)	62.83	(a)	NA
	03/23/06		(a)	64.19	(a)	NA
	09/19/06		64.10	64.25	0.15	NA
	03/13/07		62.90	64.40	1.50	NA
	09/21/07		63.18	63.20	0.02	NA
	03/05/08		62.73	63.15	0.42	NA
	09/09/08		64.79	66.40	1.61	NA
	03/10/09		63.22	63.24	0.02	NA
	10/08/09		(a)	65.28	(a)	NA
	01/26/10		(a)	63.99	(a)	NA
	03/22/10		63.46	63.47	0.01	NA
MPE-32	01/29/03	NA	55.02	55.10	0.08	NA
	07/31/03		53.85	59.27	5.42	NA
	03/22/04		54.89	59.92	5.03	NA
	09/08/04		56.68	58.60	1.92	NA
	03/29/05		58.12	58.42	0.30	NA
	10/04/05		57.67	58.12	0.45	NA
	03/23/06		59.55	59.60	0.05	NA
	09/19/06		59.70	59.92	0.22	NA
	03/13/07		57.88	58.10	0.22	NA
	09/21/07		57.32	58.77	1.45	NA
	03/05/08		56.73	59.35	2.62	NA
	09/09/08		61.68	61.78	0.10	NA
	03/10/09		57.01	59.81	2.80	NA
	10/08/09		(a)	62.21	(a)	NA
	01/26/10		57.90	61.23	3.33	NA
	03/22/10		(a)	57.30	(a)	NA
MPE-33	01/29/03	NA	50.50	52.13	1.63	NA
	07/31/03		50.03	54.50	4.47	NA
	03/22/04		51.60	54.09	2.49	NA
	09/08/04		53.32	54.02	0.70	NA
	03/29/05		54.30	54.90	0.60	NA
	10/04/05		54.01	55.21	1.20	NA
	03/23/06		(a)	55.80	(a)	NA
	09/19/06		(a)	56.92	(a)	NA
	03/13/07		(a)	54.75	(a)	NA
	09/21/07		(a)	54.45	(a)	NA
	03/05/08		(a)	53.48	(a)	NA
	09/09/08		(a)	55.65	(a)	NA
	03/10/09		(a)	53.82	(a)	NA
	10/08/09		(a)	56.63	(a)	NA
	03/22/10		(a)	54.56	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-34	01/29/03	NA	(a)	62.80	(a)	NA
	07/31/03		(a)	62.74	(a)	NA
	03/22/04		(a)	63.23	(a)	NA
	09/08/04		(a)	63.86	(a)	NA
	03/29/05		(a)	64.33	(a)	NA
	10/04/05		(a)	64.51	(a)	NA
	03/23/06		(a)	65.08	(a)	NA
	09/19/06		(a)	65.20	(a)	NA
	03/13/07		(a)	65.03	(a)	NA
	09/21/07		(a)	64.90	(a)	NA
	03/05/08		(a)	64.69	(a)	NA
	09/09/08		(a)	65.22	(a)	NA
	03/10/09		(a)	65.24	(a)	NA
	10/08/09		(a)	65.78	(a)	NA
	03/22/10		(a)	65.56	(a)	NA
MPE-35	01/29/03	NA	(a)	56.74	(a)	NA
	07/31/03		(a)	56.84	(a)	NA
	03/22/04		57.30	57.31	(a)	NA
	09/08/04		(a)	58.04	(a)	NA
	03/29/05		(a)	58.57	(a)	NA
	10/04/05		(a)	58.79	(a)	NA
	03/23/06		(a)	59.42	(a)	NA
	09/19/06		(a)	59.60	(a)	NA
	03/13/07		(a)	59.15	(a)	NA
	09/21/07		(a)	59.00	(a)	NA
	03/05/08		(a)	58.93	(a)	NA
	09/09/08		(a)	49.41	(a)	NA
	03/10/09		(a)	59.29	(a)	NA
	10/08/09		(a)	59.96	(a)	NA
	03/22/10		(a)	59.36	(a)	NA
MPE-36	01/29/03	NA	(a)	51.98	(a)	NA
	07/31/03		(a)	52.00	(a)	NA
	03/22/04		(a)	52.48	(a)	NA
	09/08/04		(a)	53.45	(a)	NA
	03/29/05		(a)	53.92	(a)	NA
	10/04/05		(a)	54.25	(a)	NA
	03/23/06		(a)	54.91	(a)	NA
	09/19/06		(a)	55.55	(a)	NA
	03/13/07		(a)	54.30	(a)	NA
	09/21/07		(a)	54.05	(a)	NA
	03/05/08		(a)	54.05	(a)	NA
	09/09/08		(a)	55.93	(a)	NA
	03/10/09		(a)	54.45	(a)	NA
	10/08/09		(a)	57.35	(a)	NA
	03/22/10		(a)	55.09	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MPE-37	01/29/03	NA	(a)	49.18	(a)	NA
	07/31/03		(a)	49.27	(a)	NA
	03/22/04		(a)	49.98	(a)	NA
	09/08/04		(a)	50.95	(a)	NA
	03/29/05		(a)	51.48	(a)	NA
	10/04/05		(a)	51.67	(a)	NA
	03/23/06		(a)	52.54	(a)	NA
	09/19/06		(a)	53.18	(a)	NA
	03/13/07		(a)	51.30	(a)	NA
	09/21/07		51.70	51.71	0.01	NA
	03/05/08		(a)	51.40	(a)	NA
	09/09/08		(a)	54.58	(a)	NA
	03/10/09		(a)	51.90	(a)	NA
	10/08/09		(a)	56.51	(a)	NA
	03/22/10		(a)	52.40	(a)	NA
SVE-1A	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
	03/29/05		(a)	dry	(a)	NA
	10/04/05		(a)	dry	(a)	NA
	03/23/06		(a)	dry	(a)	NA
	03/05/08		(a)	dry	(a)	NA
SVE-2A	01/29/03	NA	(a)	29.65	(a)	NA
	07/31/03		(a)	29.70	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
	03/29/05		(a)	29.85	(a)	NA
	10/04/05		(a)	29.00	(a)	NA
	03/23/06		(a)	dry	(a)	NA
SVE-3	04/01/01	NA	(a)	60.35	(a)	NA
	01/29/03		(a)	60.57	(a)	NA
	07/31/03		(a)	61.42	(a)	NA
	03/22/04		(a)	61.48	(a)	NA
	09/08/04		(a)	61.48	(a)	NA
	03/29/05		(a)	60.68	(a)	NA
	10/04/05		(a)	61.01	(a)	NA
	03/23/06		(a)	61.32	(a)	NA
SVE-22	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
	03/29/05		(a)	dry	(a)	NA
	03/23/06		(a)	dry	(a)	NA
	09/19/06		(a)	dry	(a)	NA
	03/13/07		33.00	33.10 (TD)	0.10	NA
	09/21/07		32.90	33.10 (TD)	0.20	NA
	03/05/08		32.99	33.20 (TD)	0.21	NA
	09/09/08		32.91	33.08	0.17	NA
	03/10/09		33.00	33.20	0.20	NA
	10/08/09		32.92	33.10	0.18	NA
	01/26/10		33.05	33.05 (TD)	0.00	NA
	03/22/10		33.02	33.02 (TD)	0.00	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-23	01/29/03	NA	32.70	33.85	1.15	NA
	07/31/03		34.00	36.75	2.75	NA
	03/22/04		33.95	36.70 (TD)	2.75	NA
	09/08/04		33.00	36.80 (TD)	3.80	NA
	03/23/06		33.20	34.70	1.50	NA
	09/19/06		33.05	34.75	1.70	NA
	03/13/07		32.70	33.42	0.72	NA
	09/21/07		32.37	32.90	0.53	NA
	03/05/08		32.52	33.44	0.92	NA
	09/09/08		32.51	33.15	0.64	NA
	03/10/09		32.78	36.75	3.97	NA
	10/08/09		33.01	33.79	0.78	NA
	01/26/10		33.12	36.98 (TD)	3.86	NA
	03/22/10		32.09	33.65	1.56	NA
SVE-24	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
	03/29/05		(a)	dry	(a)	NA
	03/23/06		(a)	dry	(a)	NA
	09/19/06		(a)	dry	(a)	NA
	03/13/07		(a)	dry	(a)	NA
	09/21/07		(a)	dry	(a)	NA
	03/05/08		(a)	dry	(a)	NA
	09/09/08		(a)	dry	(a)	NA
	03/10/09		(a)	dry	(a)	NA
	10/08/09		(a)	dry	(a)	NA
	01/26/10		(a)	dry	(a)	NA
	03/22/10		(a)	dry	(a)	NA
SVE-25	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		32.86	33.10	0.24	NA
	03/22/04		28.00	33.15 (TD)	5.15	NA
	09/08/04		33.20	33.20 (TD)	0.00	NA
	03/23/06		31.60	32.75	1.15	NA
	03/13/07		(a)	31.55	(a)	NA
	09/21/07		31.60	33.00 (TD)	1.40	NA
	03/05/08		(a)	32.19	(a)	NA
	09/09/08		(a)	31.57	(a)	NA
	03/10/09		(a)	32.70	(a)	NA
	10/08/09		(a)	31.40	(a)	NA
	01/26/10		(a)	dry	(a)	NA
	03/22/10		(a)	32.80	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-26	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
	03/29/05		(a)	dry	(a)	NA
	03/23/06		(a)	dry	(a)	NA
	09/19/06		(a)	32.50	(a)	NA
	03/13/07		(a)	dry	(a)	NA
	09/21/07		(a)	dry	(a)	NA
	03/05/08		(a)	dry	(a)	NA
	09/09/08		(a)	dry	(a)	NA
	03/10/09		(a)	dry	(a)	NA
	10/08/09		(a)	dry	(a)	NA
	01/26/10		(a)	dry	(a)	NA
	03/22/10		(a)	dry	(a)	NA
SVE-27	01/29/03	NA	(a)	33.45	(a)	NA
	07/31/03		(a)	33.80	(a)	NA
	03/22/04		(a)	32.02	(a)	NA
	09/08/04		(a)	33.25	(a)	NA
	03/29/05		(a)	34.19	(a)	NA
	03/23/06		(a)	32.65	(a)	NA
	09/19/06		(a)	23.20	(a)	NA
	03/13/07		(a)	32.83	(a)	NA
	09/21/07		(a)	32.88	(a)	NA
	03/05/08		(a)	33.20	(a)	NA
	09/09/08		(a)	32.85	(a)	NA
	03/10/09		(a)	32.92	(a)	NA
	10/08/09		(a)	33.63	(a)	NA
	01/26/10		(a)	dry	(a)	NA
	03/22/10		(a)	33.70	(a)	NA
SVE-28	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	35.70	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
	03/29/05		(a)	29.10	(a)	NA
	03/23/06		(a)	28.82	(a)	NA
	09/19/06		(a)	28.74	(a)	NA
	03/13/07		(a)	28.45	(a)	NA
	09/21/07		(a)	28.20	(a)	NA
	03/05/08		(a)	28.39	(a)	NA
	09/09/08		(a)	28.38	(a)	NA
	03/10/09		(a)	28.60	(a)	NA
	10/08/09		(a)	28.95	(a)	NA
	01/26/10		(a)	dry	(a)	NA
	03/22/10		(a)	29.07	(a)	NA

Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-30	01/29/03	NA	(a)	43.67	(a)	NA
	07/31/03		(a)	43.61	(a)	NA
	03/22/04		(a)	43.60	(a)	NA
	09/08/04		(a)	43.62	(a)	NA
	03/23/06		(a)	42.66	(a)	NA
	09/19/06		(a)	42.71	(a)	NA
	03/13/07		(a)	40.42	(a)	NA
	09/21/07		(a)	39.60	(a)	NA
	03/05/08		(a)	39.56	(a)	NA
	09/09/08		(a)	36.95	(a)	NA
	03/10/09		(a)	39.32	(a)	NA
	10/08/09		(a)	39.29	(a)	NA
	03/22/10		(a)	40.28	(a)	NA
SVE-31	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
	03/29/05		(a)	30.30	(a)	NA
	03/23/06		(a)	30.09	(a)	NA
	09/19/06		(a)	30.15	(a)	NA
	03/13/07		(a)	32.20	(a)	NA
	09/21/07		(a)	30.10	(a)	NA
	03/05/08		(a)	30.21	(a)	NA
	09/09/08		(a)	30.18	(a)	NA
	03/10/09		(a)	30.45	(a)	NA
	10/08/09		(a)	30.43	(a)	NA
	01/26/10		(a)	30.55	(a)	NA
	03/22/10		(a)	31.49	(a)	NA
RW-1	01/29/03	NA	(a)	34.48	(a)	NA
	07/31/03		(a)	34.95	(a)	NA
	09/08/04		(a)	34.21	(a)	NA
	10/04/05		(a)	33.46	(a)	NA
	03/23/06		(a)	33.49	(a)	NA
	09/19/06		(a)	33.30	(a)	NA
	03/13/07		(a)	33.00	(a)	NA
	09/21/07		(a)	32.65	(a)	NA
	03/05/08		(a)	32.83	(a)	NA
	09/09/08		(a)	32.82	(a)	NA
	03/10/09		(a)	33.17	(a)	NA
	10/08/09		(a)	33.48	(a)	NA
	03/22/10		(a)	33.62	(a)	NA

NOTES:
PSH - Phase separated hydrocarbon
(NA) Information not available
(a) Not applicable since no measurable thickness of PSH is present

Table 3. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-3	11/03/97	4.50	7.21	19.2	3,620	1.31	Clear
	01/27/98	5.00	7.28	18.5	3,630	4.31	Clear
	05/26/98	5.60	7.18	21.4	3,980	8.04	Clear
	08/13/98	6.10	7.19	22.2	3,930	5.06	Clear
	12/24/98	4.90	7.26	16.5	3,940	5.34	Clear
	03/24/99	--/6.0	7.13	19.7	3,980	7.34	Clear
	09/07/99	9.0/7.0	7.17	20.6	3,800	--	Clear
	03/27/00	6.80	7.30	19.0	3,930	--	Clear
	03/27/01	5.90	7.21	19.3	3,930	--	Clear
	07/03/02	5.30	6.81	21.8	3,820	--	Clear
	08/01/03	6.90	7.20	23.8	3,940	--	Clear
	09/10/04	7.50	7.10	19.6	3,830	--	Turbid, brown
	10/07/05	5.20	7.03	19.0	3,110	--	Turbid, red
	09/22/06	7.88	7.08	19.6	3,489	--	Turbid
	09/27/07	6.34	6.42	19.4	3,551	--	Turbid
	09/16/08	6.16	7.31	19.4	3,254	--	Turbid
MW-5	10/31/97	7.00	7.12	19.9	4,020	--	Clear
	01/27/98	7.80	7.38	17.7	1,980	7.82	Clear
	05/26/98	10.00	7.13	24.4	4,100	6.80	Clear
	08/11/98	8.30	7.18	20.7	4,210	5.99	Clear
	12/22/98	6.5/7.0	7.17	14.6	4,680	5.36	Clear
	03/23/99	8.40	7.10	19.4	4,360	3.37	Clear
MW-6	10/31/97	6.90	7.21	21.6	3,180	--	Clear
	01/26/98	6.40	7.23	17.3	3,200	6.08	Clear
	05/26/98	8.20	7.19	21.2	3,450	4.67	Clear
	08/11/98	9.0/8.0	7.24	22.4	3,430	8.03	Clear
	12/22/98	6.70	7.29	15.7	3,740	13.72	Clear
	03/23/99	8.0/7.0	7.20	19.9	3,460	4.93	Clear
MW-7	11/03/97	2.50	7.28	18.1	3,540	11.30	Clear
	01/29/98	1.80	7.25	18.4	3,540	5.68	Clear
	05/28/98	3.60	7.14	23.5	3,820	9.35	Clear
	08/14/98	3.6/2.6	7.23	21.7	3,770	6.89	Clear
	12/27/98	2.70	7.20	17.5	3,790	6.09	Clear
	03/25/99	3.0/3.4	7.14	17.6	3,780	4.40	Clear, Bailed down
	09/07/99	2.50	7.18	20.0	3,810	--	Clear
	03/28/00	2.60	7.21	19.1	3,780	13.63	Clear
	11/18/00	--/3.8	7.31	18.6	3,430	--	Clear
	03/28/01	3.90	7.21	19.5	3,810	4.88	Clear
	10/08/01	4.60	7.20	19.8	3,990	--	Clear
	07/01/02	6.90	6.67	21.2	3,690	--	Clear
	08/02/03	4.00	7.24	22.4	3,780	--	Clear
	09/09/04	4.21	7.05	20.7	3,191	--	Clear
	10/07/05	3.20	7.09	18.6	3,000	--	Clear
	09/22/06	3.55	7.23	20.3	3,408	--	Clear
	09/26/07	4.14	7.31	20.1	3,445	--	Clear
	09/11/08	5.15	7.08	20.1	3,019	--	Clear
MW-8	11/02/97	4.40	7.16	18.5	3,730	6.91	Clear
	01/29/98	4.20	7.17	19.8	3,730	2.41	Clear
	05/28/98	4.70	7.11	19.8	4,000	4.66	Clear
	08/14/98	4.30	7.10	20.6	3,970	4.62	Clear
	12/27/98	4.70	7.14	19.1	4,010	5.54	Clear
	03/25/99	4.0/3.8	7.07	18.4	4,040	4.15	Clear
MW-9	11/02/97	5.50	7.32	18.6	4,110	180	Cloudy
	01/29/98	3.90	7.35	16.9	4,090	--	Slightly Turbid
	05/28/98	6.00	7.25	20.8	4,440	62	Cloudy
	08/14/98	5.30	7.23	21.4	4,400	91/80	Cloudy, (80 FTU dissolved metals reading)
	12/27/98	5.30	7.35	17.9	4,400	97	Cloudy
	03/24/99	--/7.0	7.31	18.9	4,430	84	Cloudy, Bailed down

Table 3. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-10	11/01/97	6.90	7.14	19.7	3,600	3.40	Clear
	01/27/98	5.90	7.20	19.6	3,570	0.31	Clear
	05/26/98	7.20	7.16	22.7	3,900	2.60	Clear
	08/13/98	6.1/6.0	7.12	20.1	3,840	0.92	Clear
	12/22/98	5.90	7.18	14.7	4,190	3.18	Clear
	03/23/99	6.1/6.0	7.09	18.9	3,900	2.38	Clear
	09/07/99	6.2/6.0	7.05	20.1	3,400	--	Clear
	03/27/00	5.8/5.5	7.17	19.4	3,860	--	Clear
	03/27/01	5.5/5.2	7.13	18.9	3,830	--	Clear
	07/03/02	4.70	6.88	20.4	3,760	--	Clear
	08/01/03	6.70	7.10	23.5	3,860	--	Clear
	09/09/04	4.16	6.94	20.1	3,227	--	Clear
	10/07/05	3.60	7.04	19.3	3,100	--	Clear
	09/22/06	4.58	6.90	19.4	3,396	--	Clear
	09/27/07	5.62	7.64	20.2	3,495	--	Clear
	09/16/08	3.47	7.23	20.0	3,226	--	Cloudy
MW-11	11/01/97	7.10	7.21	19.5	3,640	4.40	Clear
	01/27/98	6.70	7.25	17.8	3,610	2.71	Clear
	05/26/98	7.90	7.24	21.6	3,950	30.01	Clear
	08/13/98	7.90	7.26	20.3	3,890	5.52	Clear
	12/22/98	5.40	7.25	15.6	3,610	10.19	Clear
	03/24/99	--/7.0	7.25	20.1	3,030	8.68	Clear
	09/07/99	6.70	7.27	19.5	3,200	--	Clear
	03/27/00	6.40	7.29	19.0	3,500	--	Clear
	03/27/01	5.8/5.4	7.22	19.1	3,780	--	Clear
	07/03/02	3.60	6.92	20.6	3,780	--	Clear
	08/01/03	7.40	7.21	22.4	3,870	--	Clear
	09/09/04	7.04	6.94	20.0	3,287	--	Clear
	10/07/05	3.20	7.05	19.1	3,140	--	Clear
	09/22/06	8.32	6.64	19.5	3,582	--	Turbid
	09/27/07	6.05	6.28	19.2	3,570	--	Turbid
	09/11/08	7.11	7.11	19.2	3,291	--	Turbid
MW-12	11/04/97	3.40	7.29	20.1	3,790	1.77	Clear, Odor
	01/30/98	1.20	7.16	18.7	3,540	--	Clear, Odor
	05/28/98	2.40	7.19	20.8	3,850	2.83	Clear
	08/15/98	2.50	7.19	20.6	3,900	3.87	Clear, Odor
	12/28/98	0.70	7.24	17.8	3,820	2.83	Clear
	03/26/99	1.7/1.2	7.11	18.2	3,930	1.55	Clear, Odor
	09/07/99	0.70	7.45	20.6	3,960	--	Clear
	03/29/00	2.2/1.8	7.18	19.5	3,920	2.34	Clear, Odor
	11/18/00	--	7.26	19.0	3,470	--	Clear
	03/29/01	1.70	7.18	20.1	3,920	2.62	Clear, Slight odor
	10/08/01	2.40	7.22	19.3	4,190	--	Clear
	07/01/02	2.10	6.98	20.4	3,770	--	Clear
	02/03/03	1.10	7.34	18.1	3,840	--	Clear
	08/02/03	0.80	7.22	22.5	3,890	--	Clear
	03/23/04	1.07	6.95	19.1	3,190	--	Clear, Slight odor
	09/09/04	1.20	6.99	20.2	2,835	--	Clear
	04/01/05	5.70	7.22	18.7	4,430	--	Clear
	10/07/05	0.90	7.01	19.1	2,760	--	Clear
	03/25/06	2.40	7.23	18.4	2,588	--	Clear
	09/22/06	2.35	7.26	21.4	3,363	--	Clear
	03/15/07	2.60	6.86	19.4	3,102	--	Clear
	09/26/07	1.42	7.35	19.9	2,499	--	Clear, turns black, odor
	03/07/08	1.79	7.49	17.6	2,760	--	Clear, Odor

Table 3. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-13	11/04/97	1.10	7.10	19.8	3,840	1.76	Clear, Odor
	01/30/98	0.20	6.99	18.7	3,780	--	Clear, Odor
	05/28/98	2.40	6.98	21.8	4,070	10.24	Clear, Sewage Odor
	08/15/98	1.1/0	6.92	20.8	4,140	6.89	Clear, Sewage Odor
	12/27/98	0.90	6.98	19.2	3,940	10.47	Clear, Odor
	03/26/99	0.6/0.4	--	18.8	3,980	7.96	Clear, Odor, turns black in air
	09/08/99	1.5/2.0	6.90	20.1	4,020	--	Clear, Odor
	03/29/00	1.8/0	6.89	19.5	4,130	11.28	Clear, Odor
	11/18/00	--/0.6	6.81	18.9	3,730	--	Strong sulfur smell
	03/29/01	0.90	6.89	20.1	4,120	7.99	Clear, Odor
	10/09/01	1.60	6.81	20.4	4,390	--	Clear with odor
	07/01/02	2.00	6.72	21.4	3,540	--	Clear turns black, sulfer odor
	02/04/03	0.60	7.02	18.3	4,250	--	Clear with sulfur smell
	08/02/03	0.50	6.99	23.5	4,060	--	Clear
	03/23/04	0.92	6.76	20.2	3,560	--	Clear, odor
	09/09/04	2.14	6.87	21.5	3,481	--	Clear
	04/02/05	4.10	7.19	20.2	4,930	--	Clear
	10/07/05	1.30	6.94	21.2	3,440	--	Clear
	03/25/06	2.20	7.19	20.7	3,129	--	Clear
	09/22/06	3.11	7.11	21.6	3,728	--	Clear
	03/15/07	2.18	7.07	20.9	3,660	--	Clear
	09/26/07	2.12	7.38	22.8	3,867	--	Clear
	03/08/08	2.90	7.40	20.6	3,990	--	Clear
	09/16/08	1.76	7.23	22.4	3,387	--	Clear
	03/11/09	2.75	7.05	20.4	3,839	--	Clear
	10/07/09	1.41	6.79	22.1	4,059	--	Clear
	09/23/10	0.51	6.93	23.2	4,128	--	Clear
MW-14	11/02/97	2.10	7.16	18.5	3,620	1.09	Clear
	01/29/98	3.20	7.20	17.9	3,600	2.32	Clear
	05/27/98	5.00	7.18	24.8	3,890	2.11	Clear
	08/11/98	5.00	7.17	25.1	3,880	4.76	Clear
	12/23/98	2.40	7.15	18.4	3,890	2.10	Clear
	03/25/99	3.70	7.13	18.7	3,900	1.17	Clear
	09/07/99	5.80	7.09	21.0	3,930	--	Clear
	03/28/00	2.70	7.20	19.2	3,850	--	Clear
	03/28/01	2.10	7.17	19.6	3,850	--	Clear
	07/03/02	2.90	6.90	19.7	3,750	--	Clear
	08/01/03	1.80	7.19	22.5	3,860	--	Clear
	09/09/04	2.21	7.01	20.2	3,247	--	Clear
	10/07/05	1.60	7.05	18.9	3,110	--	Clear
	09/22/06	1.40	7.20	20.1	3,456	--	Clear
	09/27/07	1.13	7.69	20.5	3,530	--	Clear
	09/11/08	1.21	7.00	19.7	3,071	--	Clear
	10/07/09	0.35	7.00	19.9	3,866	--	Clear
	09/23/10	1.63	6.97	20.1	3,926	--	Clear
MW-15	11/02/97	3.60	7.32	20.1	3,970	1.54	Clear
	01/28/98	3.60	7.41	17.7	3,930	2.36	Clear
	01/27/98	4.10	7.28	22.1	4,330	1.82	Clear
	08/13/98	4.40	7.24	20.7	4,270	1.57	Clear
	12/24/98	5.40	7.24	15.5	4,160	1.49	Clear
	03/24/99	--/6.0	7.16	19.9	4,310	1.71	Clear
	09/07/99	6.20	7.20	20.6	3,900	--	Clear
	03/28/00	5.0/4.6	7.25	19.2	4,240	--	Clear
	03/28/01	4.20	7.23	19.5	4,280	--	Clear
	07/03/02	6.40	7.00	19.7	4,170	--	Clear
	08/01/03	5.40	7.27	22.4	4,290	--	Clear
	09/09/04	4.92	7.05	20.0	3,591	--	Clear
	10/07/05	3.80	7.04	18.6	3,390	--	Clear
	09/22/06	4.10	7.22	19.6	3,792	--	Clear
	09/27/07	4.50	7.57	19.9	3,841	--	Clear
	09/11/08	5.08	7.04	19.4	3,384	--	Clear

Table 3. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-17	11/02/97	5.80	7.26	18.5	3,910	1.20	Clear
	01/28/98	4.90	7.01	18.2	3,880	2.71	Clear
	05/27/98	6.30	7.25	21.9	4,250	1.95	Clear
	08/13/98	6.70	7.28	20.1	4,210	1.65	Clear
	12/24/98	4.50	7.25	17.7	4,220	3.30	Clear
	03/25/99	5.60	7.21	18.6	4,260	1.32	Clear w/ flec's, Sewage Odor
	09/07/99	7.5/7.0	7.26	20.4	4,000	--	Clear
	03/28/00	5.7/4.8	7.26	19.3	4,190	--	Clear
	03/27/01	5.40	7.28	19.3	4,210	--	Clear
	07/03/02	5.90	7.03	19.6	4,110	--	Clear
	08/01/03	6.40	7.28	22.2	4,230	--	Clear
	09/10/04	6.98	7.14	19.4	3,545	--	Clear
	10/07/05	3.80	7.10	18.6	3,380	--	--
	09/22/06	7.54	7.20	19.4	3,839	--	Turbid
	09/27/07	6.30	7.76	19.5	3,759	--	Cloudy
	09/11/08	6.51	7.08	19.2	3,316	--	Clear
MW-18	11/01/97	7.60	7.41	18.6	3,850	0.73	Clear
	01/28/98	7.60	7.36	17.6	3,810	0.63	Clear
	05/27/98	8.20	7.55	21.1	4,170	2.81	Clear
	08/13/98	8.3/8.0	7.55	21.8	4,130	1.08	Clear
	12/24/98	6.00	7.44	14.5	4,030	0.72	Clear
	03/24/99	--/8.0	7.45	19.8	4,180	1.47	Clear, Bailed down
MW-19	11/01/97	8.00	7.33	19.1	4,080	0.85	Clear
	01/27/98	6.20	7.31	18.2	4,030	4.03	Clear
	05/27/98	7.20	7.20	19.4	4,400	3.06	Clear
	08/13/98	8.00	7.28	20.8	4,370	2.25	Clear
	12/23/98	6.80	7.41	16.2	4,390	6.97	Clear
	03/24/99	--/7.2	7.23	18.7	4,380	9.08	Clear
MW-20	11/03/97	1.40	6.90	18.6	3,750	12.6	Clear
	11/03/97	1.00	6.86	18.2	3,710	--	Clear
	05/29/98	3.90	6.81	20.8	4,000	4.11	Clear, Slightly cloudy at end
	08/15/98	2.60	6.86	20.5	4,060	13.57	Clear
	12/28/98	2.2/1.8	6.88	18.5	4,060	9.30	Clear
	03/26/99	1.50	6.78	18.1	4,130	3.23	Clear
	09/08/99	1.50	6.79	19.2	4,040	--	Clear
	03/29/00	1.80	6.82	19.0	4,070	1.89	Clear
	11/15/00	1.80	6.76	18.5	3,680	--	Clear
	03/29/01	1.90	6.82	19.6	4,070	1.99	Clear
	10/08/01	2.30	6.71	19.0	4,280	--	Clear
	07/01/02	3.00	6.66	19.8	3,880	--	Clear
	02/03/03	1.50	6.88	17.8	3,930	--	Clear
	08/03/03	1.40	6.87	21.9	3,980	--	Clear
	03/23/04	1.13	6.76	18.5	3,380	--	Clear, trace of yellow
	09/09/04	2.01	6.73	19.6	3,414	--	Clear
	04/01/05	4.60	6.87	19.4	4,800	--	Clear
	10/07/05	2.10	6.78	18.4	3,190	--	Clear
	03/25/06	6.75	7.11	18.6	2,959	--	Clear
	09/22/06	5.10	7.16	19.4	3,454	--	Clear
	03/15/07	6.01	6.85	19.0	3,368	--	Clear
	09/26/07	3.12	7.23	19.2	3,581	--	Clear
	03/07/08	1.80	7.03	20.5	3,900	--	Clear
	09/16/08	6.15	7.23	19.2	3,398	--	Clear
	03/12/09	4.11	6.98	18.0	3,820	--	Clear
	10/07/09	7.60	6.65	20.0	3,796	--	Clear
	03/30/10	1.90	6.63	18.8	3,822	--	Clear
	09/24/10	6.90	7.06	19.3	4,022	--	Turbid

Table 3. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-21	11/04/97	3.40	7.29	20.1	3,790	1.77	Clear, Odor
	01/30/98	1.40	7.20	17.6	3,690	2.78	Clear, Odor
	05/28/98	2.70	7.21	20.6	3,990	3.57	Clear, Odor
	08/15/98	2.7/2.2	7.16	20.8	4,000	2.32	Clear w/ dark flec's, Odor
	12/28/98	0.80	7.25	18.0	3,990	4.39	Clear, Odor, turns black in air
	03/26/99	0.60	7.17	18.4	0	3.81	Clear, Odor, turns black in air
	09/07/99	0.00	7.29	20.5	3,890	--	Clear, Odor, turns black in air
	03/29/00	0.8/0.6	7.30	19.3	3,970	4.38	Clear, Odor, turns black in air
	11/18/00	--/0.3	7.43	19.0	3,570	--	Clear, strong sulfur smell
	03/29/01	0.9/0.0	7.31	19.6	3,960	2.09	Clear, Odor, turns black in air
	10/08/01	1.40	7.31	19.6	4,230	--	Strong odor
	07/01/02	2.00	6.80	20.1	3,820	--	Gray/black, slight odor
	02/03/03	0.80	7.42	18.3	3,910	--	Clear, sulfur smell
	08/02/03	0.90	7.28	22.4	3,960	--	Clear
	03/23/04	1.12	7.07	18.6	3,290	--	Clear
	09/10/04	2.68	6.96	19.4	3,366	--	Clear
	04/01/05	5.30	7.29	19.9	4,690	--	Clear
	10/07/05	4.30	7.11	18.5	3,210	--	Clear
	03/25/06	4.98	7.44	18.9	2,950	--	Clear
	09/22/06	3.76	7.33	20.7	3,542	--	Clear
	03/14/07	1.68	7.08	19.4	3,475	--	Clear
	09/27/07	4.89	7.37	20.1	3,548	--	Clear
	03/07/08	2.30	7.36	20.3	3,910	--	Clear
	09/11/08	4.30	7.11	19.9	3,153	--	Clear
	03/12/09	2.22	7.15	18.1	3,685	--	Clear
	10/07/09	0.97	6.88	19.6	3,801	--	Clear
	09/23/10	1.02	7.08	21.0	3,882	--	Clear
MW-22	11/03/97	7.00	7.22	18.5	3,700	260.0	Cloudy
	01/29/98	6.50	7.22	18.2	3,660	10.35	Clear
	05/28/98	8.60	7.18	22.8	3,940	48.03	Clear
	08/14/98	8.60	7.20	20.5	3,970	168.0	Cloudy
	12/27/98	8.00	7.25	19.9	3,940	12.00	Clear
	03/25/99	7.00	7.19	17.4	3,980	1.19	Clear
	09/08/99	7.60	7.20	19.4	3,900	--	Clear
	03/28/00	8.40	7.26	18.9	3,930	5.36	Clear
	11/15/00	6.50	7.20	16.7	1,343	--	Clear
	03/29/01	7.60	7.21	19.8	3,930	4.55	Clear
	10/08/01	8.10	7.28	19.5	4,190	--	Clear
	07/01/02	7.20	6.91	20.2	3,740	--	Clear
	02/03/03	6.10	7.55	17.6	3,910	--	Clear
	08/02/03	7.90	7.27	22.1	3,880	--	Cloudy
	03/23/04	4.77	6.89	19.1	3,280	--	Clear
	09/09/04	6.88	7.05	20.2	3,259	--	Cloudy
	04/01/05	6.80	6.99	19.3	4,440	--	Clear
	10/07/05	5.10	7.06	18.7	3,100	--	Turbid
	03/25/06	6.55	7.28	18.7	2,865	--	Turbid
	09/22/06	5.25	7.22	20.9	3,544	--	Turbid
	03/14/07	5.14	6.96	19.2	3,387	--	Turbid
	09/26/07	5.45	7.06	20.0	3,516	--	Clear
	03/07/08	5.40	7.38	19.8	3,620	--	Clear
	09/16/08	5.78	7.38	20.3	3,240	--	Cloudy
	03/12/09	6.06	7.12	17.6	3,657	--	Turbid
	10/07/09	6.85	6.69	19.8	3,779	--	Slightly Turbid
	03/30/10	4.77	6.64	19.2	3,667	--	Cloudy
	09/23/10	4.52	7.00	20.0	3,932	--	Cloudy

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Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-23D	11/05/97	2.80	7.55	18.1	2,550	87.5	Slightly to Mod. Milky, Sulfur Smell
	01/28/98	4.80	8.06	18.6	3,820	>200	Silty
	05/27/98	7.10	7.61	23.2	4,150	--	Turbid
	08/11/98	4.20	7.22	19.9	4,130	17.81	Clear
	12/23/98	4.60	7.50	16.6	4,210	43.94	Clear
	04/05/99	5.60	7.18	18.8	4,160	--	Clear
	05/02/00	4.30	7.41	19.5	3,920	--	Silty
	04/19/01	3.20	7.67	20.2	3,780	--	Slightly silty
	06/20/01	5.50	7.36	19.3	3,550	--	Slightly w/Sulfur Smell
	06/12/02	--	--	--	--	--	--
	08/02/03	4.20	7.71	21.4	3,140	--	Clear
	09/09/04	3.70	7.34	19.7	4,120	--	Turbid, Bailed down
	10/16/05	4.10	7.30	19.7	--	--	Turbid, Bailed down
	09/22/06	5.53	10.07	22.6	3,753	--	Slightly turbid, bailed down
	09/27/07	4.43	7.57	19.4	3,694	--	Turbid
	09/11/08	2.01	8.71	21.9	3,216	--	Clear
	10/07/09	1.71	7.76	25.1	3,538	--	Clear
	09/26/10	0.08	7.68	21.3	3,701	--	Clear
MW-24D	10/29/98	5.44	7.43	18.5	2,930	--	Silty
	12/23/98	4.20	7.49	16.7	3,840	>1000	Turbid, Bailed down
	03/30/99	4.60	6.98	18.4	3,750	--	Turbid, Bailed down
	05/02/00	4.20	7.28	19.9	3,610	--	Very Silty
	04/19/01	5.80	7.29	19.6	3,610	--	Silty
	06/20/01	6.20	7.35	21.2	3,130	--	Silty
	06/12/02	--	--	--	--	--	--
	08/02/03	5.90	7.21	20.7	2,950	--	Slightly Silty
	09/09/04	3.90	7.21	19.5	3,760	--	Turbid, Bailed down
	10/16/05	4.10	7.22	19.4	3,720	--	Turbid, Bailed down
	09/22/06	1.58	7.18	20.5	3,383	--	Clear, Bailed down
	09/27/07	4.68	7.04	18.6	3,477	--	Turbid
	09/10/08	1.92	7.62	21.4	3,164	--	Clear
	10/07/09	1.55	6.97	21.5	3,427	--	Clear
	09/26/10	0.46	6.85	20.7	3,701	--	Clear
MW-25D	10/29/98	4.87	7.80	18.6	3,370	--	Silty
	12/23/98	4.60	7.67	16.9	3,820	77	Clear, Bailed down
	03/30/99	4.10	7.36	18.1	3,790	--	Turbid, Bailed down
	05/02/00	4.50	7.52	19.2	3,510	--	Turbid, Bailed down
	04/19/01	3.70	7.50	19.1	3,600	--	Silty
	06/20/01	6.30	7.59	21.4	3,280	--	Very Silty
	06/12/02	--	--	--	--	--	--
	08/02/03	3.70	7.48	20.8	2,900	--	Silty
	09/09/04	4.90	7.37	19.6	3,690	--	Turbid, gray/brown
	10/16/05	4.60	7.30	19.5	3,720	--	Turbid, Bailed down
	09/22/06	1.84	7.28	20.7	3,508	--	Clear, Bailed down
	09/27/07	4.87	7.06	19.0	3,489	--	Clear, Bailed down
	09/10/08	2.43	7.75	20.6	3,194	--	Clear
	10/07/09	2.44	7.14	20.2	3,436	--	Clear
	09/26/10	0.24	8.03	20.6	3,671		Clear

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Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-26	10/29/98	4.61	7.20	18.8	3,620	--	Clear
	12/27/98	4.90	7.13	19.4	4,130	83	Cloudy/Turbid
	03/25/99	4.80	7.09	18.4	4,170	35.38	Clear initial/cloudy last
	07/25/99	3.30	7.17	20.3	4,220	--	Clear, no odor
	09/07/99	8.4/7.0	7.11	19.7	4,170	--	Clear
	03/28/00	6.1/6.2	7.13	18.7	4,090	46.91	Clear
	11/15/00	6.8/7.0	7.11	18.4	3,730	--	Clear
	03/28/01	5.1/5.0	7.09	19.0	4,110	16.43	Clear
	10/08/01	5.50	7.06	19.2	4,340	--	Clear
	07/01/02	5.00	6.79	19.3	3,910	--	Clear
	02/03/03	4.10	7.10	17.5	4,030	--	Clear
	08/03/03	3.40	7.08	21.4	3,950	--	Clear
	03/23/04	3.42	6.89	18.3	3,380	--	Yellow
	09/09/04	4.52	6.88	19.2	3,436	--	Clear
	04/01/05	4.70	7.00	19.2	4,740	--	Clear
	10/07/05	3.70	6.91	18.3	3,200	--	Clear
	03/25/06	3.94	7.14	18.5	2,991	--	Clear
	09/22/06	3.72	7.08	19.2	3,577	--	Clear
	03/14/07	3.71	6.78	18.5	3,502	--	Clear
	09/26/07	4.08	7.58	19.1	3,596	--	Clear
	03/07/08	2.60	7.19	20.1	3,710	--	Clear
	09/16/08	3.92	7.17	19.1	3,364	--	Clear
	03/11/09	4.05	7.00	17.5	3,814	--	Clear
	10/08/09	4.37	6.62	19.4	3,952	--	Cloudy
	03/30/10	3.18	6.59	18.7	3,814	--	Clear
	09/24/10	2.74	6.83	19.3	4,096	--	Cloudy
MW-28	11/18/00	--	7.28	17.0	3,510	--	Silty
	02/13/01	4.70	7.30	17.4	3,480	--	Silty
	03/28/01	5.30	7.20	19.5	3,880	31.55	Clear
	06/20/01	4.80	7.11	20.0	3,300	--	Slightly silty to clear
	10/09/01	5.00	7.12	19.7	4,120	--	Clear
	07/03/02	3.70	6.92	20.6	3,750	--	Clear
	08/02/03	5.10	7.19	22.2	3,840	--	Clear
	09/10/04	5.28	7.03	20.0	3,246	--	Clear
	10/06/05	3.70	7.19	18.0	3,070	--	Clear
	09/22/06	4.00	7.13	19.9	3,425	--	Turbid
	09/27/07	4.90	7.12	19.4	3,389	--	Turbid
	09/10/08	4.61	7.49	20.2	3,097	--	Turbid
MW-29	11/19/00	--	7.60	17.9	2,320	--	Brown silty
	02/13/01	3.00	7.06	17.0	2,300	--	Silty
	03/28/01	2.70	7.17	19.5	2,610	8.51	Clear, bailing down
	06/20/01	1.80	7.03	21.4	2.25	--	Clear
	10/09/01	2.60	7.07	20.1	2,700	--	Clear
	07/03/02	2.20	6.66	23.8	2,390	--	Clear
	02/03/03	2.10	7.49	18.4	2,580	--	Clear, sulfur smell
	08/03/03	0.40	7.15	21.6	2,640	--	Turbid
	03/23/04	1.04	7.12	18.4	2,070	--	Turbid, slight odor
	09/10/04	3.10	7.17	19.2	2,540	--	Turbid, brown
	04/01/05	2.40	7.28	20.0	2,890	--	Turbid, odor
	10/06/05	0.80	7.09	18.6	2,060	--	Turbid, odor
	03/24/06	1.10	7.24	18.7	2,684	--	Turbid, odor
	09/22/06	2.32	6.86	19.3	2,210	--	Turbid, odor
	03/14/07	1.64	6.81	19.0	2,227	--	Turbid, odor
	09/25/07	0.93	8.17	19.6	2,272	--	Clear
	03/08/08	0.70	7.31	20.2	2,440	--	Clear, slight odor
	09/10/08	1.90	7.41	20.2	2,072	--	Clear
	03/11/09	1.28	7.03	18.4	2,330	--	Clear
	10/07/09	0.43	6.84	19.6	2,986	--	Clear
	03/30/10	0.24	6.62	19.5	2,589	--	Clear
	09/23/10	0.27	6.98	20.1	2,917	--	Clear

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MW-30	11/18/00	--	7.54	18.6	3,350	--	Silty
	02/13/01	4.80	7.27	17.3	3,480	--	Slightly silty
	03/28/01	4.80	7.18	19.6	3,880	36.52	Slightly cloudy
	06/20/01	4.70	7.06	20.4	3,300	--	Clear
	10/09/01	5.50	7.23	19.7	4,130	--	Clear
	07/04/02	3.50	7.04	19.2	3,800	--	Clear
	08/02/03	5.00	7.20	22.9	3,850	--	Clear
	09/10/04	5.75	7.05	19.9	3,252	--	Clear
	10/06/05	3.50	7.10	18.4	3,120	--	Clear
	09/21/06	5.79	7.19	20.0	3,449	--	Turbid
	09/27/07	4.74	7.72	20.4	3,511	--	Slightly Turbid
	09/16/08	5.49	7.32	20.0	3,224	--	Turbid
MW-31	10/04/01	7.50	7.49	18.5	4,260	--	Red/Silty
	02/26/02	6.30	7.31	19.6	4,340	--	Clear
	07/04/02	5.10	7.08	19.5	4,070	--	Clear
	08/02/03	6.30	7.34	22.7	4,150	--	Clear
	09/10/04	6.65	7.15	19.6	3,482	--	Clear
	10/06/05	4.20	7.21	18.0	3,270	--	Clear
	09/22/06	5.12	7.25	19.7	3,685	--	Clear
	09/25/07	5.48	8.38	20.2	3,790	--	Clear
	09/10/08	5.15	7.62	20.6	3,369	--	Clear
MW-32	10/04/01	3.80	7.41	19.0	3,800	--	Silght odor
	02/26/02	1.20	7.21	20.5	3,770	--	Cloudy
	07/04/02	1.30	7.06	19.3	3,500	--	Cloudy
	02/03/03	0.80	7.56	18.3	3,590	--	Cloudy
	08/02/03	1.00	7.23	22.5	3,520	--	Cloudy
	03/23/04	0.64	7.10	18.3	2,910	--	Clear, slight odor
	09/10/04	1.07	7.08	19.8	3,109	--	Clear
	04/01/05	1.70	7.20	20.1	4,230	--	Clear
	10/06/05	2.60	7.22	18.3	3,100	--	Clear
	03/26/06	1.12	7.30	19.5	2,698	--	Clear
	09/21/06	1.29	7.16	19.3	3,201	--	Clear
	03/14/07	1.22	6.93	19.4	3,179	--	Clear
	09/27/07	0.96	7.05	19.0	3,217	--	Clear
	03/07/08	1.40	7.36	20.4	3,410	--	Clear
	09/10/08	2.93	7.48	20.1	3,050	--	Clear
	03/11/09	1.05	7.10	18.8	3,704	--	Clear
	10/07/09	0.19	6.88	19.4	3,948	--	Clear
	03/30/10	0.43	6.65	19.6	3,731	--	Clear
	09/23/10	0.13	6.99	19.8	3,994	--	Clear
MW-33	10/04/01	7.60	7.56	19.0	4,360	--	Red/Silty
	02/26/02	5.40	7.31	19.2	4,280	--	Clear
	07/04/02	4.40	7.11	19.9	4,040	--	Clear
	08/02/03	5.60	7.31	22.4	4,130	--	Clear
	09/10/04	6.34	7.17	20.0	3,471	--	Clear
	10/06/05	3.90	7.28	18.3	3,210	--	Clear
	09/21/06	6.20	7.25	19.6	3,639	--	Clear
	09/27/07	5.45	7.21	19.8	3,669	--	Clear
	09/10/08	4.88	7.63	20.5	3,317	--	Clear

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Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-34	01/21/03	2.30	7.42	19.5	3,380	--	Slightly silty
	02/04/03	2.20	7.54	17.9	3,910	--	Turbid
	08/03/03	1.50	7.26	21.7	3,980	--	Turbid
	03/22/04	1.16	7.10	19.6	3,340	--	Slightly Turbid
	09/10/04	4.90	7.25	19.2	3,840	--	Turbid, brown
	04/01/05	3.20	7.28	19.4	4,600	--	Slightly Turbid, red
	10/06/05	1.50	7.12	18.5	3,190	--	Clear
	03/26/06	1.67	7.32	19.2	2,928	--	Clear
	09/21/06	3.19	7.20	19.7	3,497	--	Clear
	03/14/07	3.30	6.93	19.3	3,443	--	Clear
	09/26/07	6.38	7.37	19.5	3,521	--	Clear
	03/08/08	6.00	7.42	20.4	3,840	--	Clear
	09/10/08	6.09	7.52	19.7	3,143	--	Clear
	03/11/09	5.30	7.13	18.7	3,723	--	Clear
	10/07/09	6.58	6.95	19.4	3,951	--	Clear
	03/30/10	5.17	6.65	19.3	3,730	--	Clear
	09/23/10	3.81	7.04	19.6	4,005	--	Clear
MW-35	01/21/03	3.50	7.33	19.8	3,480	--	Silty
	02/03/03	5.40	7.72	18.3	3,770	--	Turbid
	08/03/03	6.10	7.29	21.7	4,120	--	Turbid
	03/22/04	4.58	7.17	19.4	3,390	--	Slightly silty
	09/10/04	7.30	7.23	19.0	4,050	--	Turbid, brown
	04/01/05	6.40	7.33	19.9	4,870	--	Clear
	10/06/05	4.80	7.20	18.5	3,300	--	Clear
	03/26/06	6.64	7.41	19.5	3,098	--	Clear
	09/21/06	7.74	7.24	19.8	3,669	--	Clear
	03/14/07	6.10	6.99	19.6	3,626	--	Clear
	09/26/07	6.56	7.34	19.6	3,685	--	Clear
	07/08/08	5.90	7.43	20.4	3,930	--	Clear
	09/10/08	6.28	7.58	20.3	3,331	--	Clear
	03/11/09	5.65	7.21	18.7	3,887	--	Clear
	10/07/09	6.99	7.03	19.6	4,120	--	Clear
	03/30/10	5.46	6.75	19.7	3,891	--	Clear
	09/23/10	5.45	7.09	20.2	4,178	--	Clear
MW-36	11/11/03	2.09	7.31	20.1	2,960	--	Turbid/Silty
	03/22/04	4.12	7.11	19.6	3,120	--	Slightly Turbid
	09/10/04	4.77	7.11	19.6	3,143	--	Cloudy
	04/02/05	3.90	7.39	19.7	4,540	--	Clear
	10/06/05	3.20	7.27	17.8	2,960	--	Clear
	03/26/06	4.06	7.17	18.7	2,727	--	Clear
	09/21/06	4.46	7.20	19.6	3,309	--	Clear
	03/14/07	3.09	6.41	18.9	3,220	--	Cloudy
	09/26/07	3.61	7.52	19.4	3,323	--	Cloudy
	03/07/08	3.60	7.48	20.3	3,650	--	Clear
	09/10/08	3.75	7.52	19.0	2,917	--	Clear
	03/11/09	2.86	7.18	18.2	3,514	--	Clear
MW-37	11/11/03	2.09	7.43	20.2	2,930	--	Slightly Silty
	03/22/04	2.83	7.09	18.8	3,290	--	Slightly Turbid
	09/10/04	4.89	7.04	19.5	3,364	--	Clear
	04/02/05	3.40	7.26	18.8	4,690	--	Clear
	10/06/05	3.40	7.11	17.6	3,180	--	Clear
	03/26/06	4.10	7.25	18.5	2,911	--	Clear
	09/21/06	4.74	7.11	19.3	3,508	--	Clear
	03/14/07	3.73	6.73	18.8	3,439	--	Clear
	09/26/07	4.95	7.40	19.5	3,567	--	Clear
	03/07/08	3.80	7.34	20.3	3,880	--	Clear
	09/10/08	4.90	7.47	18.9	3,119	--	Clear
	03/11/09	4.31	7.13	18.3	3,745	--	Clear

Table 3. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-38	11/11/03	4.48	7.68	20.4	3,290	--	Turbid/Silty
	03/22/04	5.20	7.18	19.4	3,510	--	Slightly Turbid
	09/10/04	7.90	7.16	20.2	3,510	--	Clear
	04/02/05	6.70	7.40	18.9	4,980	--	Clear
	10/06/05	4.80	7.08	17.8	3,220	--	Clear
	03/26/06	6.91	7.41	19.0	3,092	--	Clear
	09/21/06	7.93	7.05	20.2	3,755	--	Clear
	03/14/07	6.55	6.93	19.3	3,641	--	Clear
	09/26/07	6.34	7.45	20.4	3,802	--	Clear
	03/07/08	5.70	7.48	19.6	4,100	--	Clear
	09/10/08	6.68	7.62	19.5	3,311	--	Clear
	03/11/09	6.26	7.26	18.3	3,933	--	Clear
MPE-1	08/02/03	3.80	7.33	21.4	3,100	--	Turbid
MPE-2	08/02/03	3.20	7.29	21.0	2,940	--	Turbid
	03/22/04	4.33	7.14	19.5	3,420	--	Clear
	09/10/04	5.70	7.27	19.1	3,840	--	Turbid, brown
	04/02/05	3.60	7.34	19.1	4,740	--	Turbid, silty, red
	10/16/05	6.00	7.20	19.3	3,760	--	Turbid, brown
	03/24/06	5.96	7.33	18.6	4,432	--	Turbid, brown
MPE-11	08/02/03	1.50	7.39	20.8	2,040	--	Black w/ Sulfur odor
	03/22/04	0.67	7.04	19.7	2,580	--	Gray w/ Strong sulfur odor
	09/10/04	2.20	7.26	20.0	3,230	--	Black w/odor
	04/02/05	3.10	7.39	19.1	3,840	--	Black w/odor
	10/16/05	2.90	7.15	19.4	3,580	--	Black w/odor
	03/24/06	1.88	7.29	19.9	4,081	--	Turbid, gray/black
MPE-15	08/03/03	3.00	7.17	22.6	2,020	--	Black w/ Odor
	03/22/04	3.77	7.06	20.6	1,840	--	Grayish brown w/ strong odor
	09/10/04	0.90	7.23	20.2	2,280	--	Black, turbid, odor
	10/16/05	1.00	7.15	19.2	2,330	--	Turbid, odor
	03/24/06	1.19	7.35	18.8	2,430	--	Gray color w/odor

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-3	04/30/93	< 5	< 5	< 5	NA	NA	< 5	< 5	< 5	< 5	NA	NA	NA
	08/22/95	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/10/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/30/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/03/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/24/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	04/30/93	< 5	< 5	< 5	NA	NA	< 5	< 5	< 5	< 5	NA	NA	NA
	08/22/95	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/10/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/25/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	10/31/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/11/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/22/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/23/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-6	12/02/94	< 0.5	< 0.5	< 0.5	< 0.5	NA	< 0.2	< 5	< 5	< 0.2	NA	NA	NA
	08/22/95	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/10/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/25/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	10/31/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/11/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/22/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/23/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
MW-7	08/23/95	< 5	< 5	< 5	< 5	**900**	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/17/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/31/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/03/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/14/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	11/18/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	10/08/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
	07/01/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/11/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-8	08/22/95	**6**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/11/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/01/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/14/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
MW-9	08/23/95	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/11/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/31/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/14/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
MW-10	09/19/96	**2**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/31/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/01/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/22/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/23/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-11	09/19/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/30/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/01/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/22/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/11/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-12	09/17/96	**760**	< 5	< 5	**52**	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/06/97	**280**	< 5	< 5	< 5	< 1 0	< 5	**9**	< 5	< 5	NA	< 10	< 10
	11/04/97	**340**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/30/98	**310**	< 5	< 5	**26**	< 20	< 5	< 5	< 5	< 5	**10**	< 5	NA
	05/28/98	**310**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	**9**	< 5	NA
	08/15/98	**190**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	**8**	< 5	NA
	12/28/98	**120**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	**4**	**2.8**	NA
	03/26/99	**92**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	**3**	**2.2**	NA
	09/07/99	**38**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/29/00	**92**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	11/18/00	**80.2**	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA
	03/29/01	**59.4**	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	< 5	NA	NA
	10/08/01	**112**	< 1	< 1	**1.68**	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
	07/01/02	**51**	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	02/03/03	**30**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	08/02/03	**24**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	**59**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	**66**	< 1.0	**1.3**	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/05	**420**	< 5.0	< 5.0	**5.98**	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	**230**	< 1.0	< 1.0	**1.0**	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/06	**220**	< 5.0	< 5.0	< 15	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	**480**	**97**	**15**	**54**	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/07	**2200**	**450**	**96**	**270**	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/07	**1300**	**620**	**230**	**780**	NA	NA	NA	NA	NA	NA	NA	NA
	03/07/08	**820**	**120**	**270**	770	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-13	09/19/96	**4,600**	**9**	< 5	**170**	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/09/97	**2,400**	< 5	**100**	< 5	< 100	< 5	**41**	< 5	< 5	NA	< 10	< 10
	11/04/97	**590**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	**61**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	**140**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/15/98	**30**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	**58**	**1**	< 1	**4**	< 20	< 1	< 1	< 1	< 1	< 1	**1.3**	NA
	03/26/99	**44**	< 1	< 1	**6**	< 20	< 1	< 1	< 1	< 1	< 1	**0.8**	NA
	09/08/99	**160**	**2**	< 1	**4**	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/29/00	**84**	**4.0**	< 1	**4.0**	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	11/18/00	**139**	< 1.00	< 1.00	**2.34**	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA
	03/29/01	**212**	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	10/09/01	**317**	< 1	< 1	**7.81**	< 10	< 1	< 1	< 1	< 1	**1.41**	NA	NA
	07/01/02	**590**	< 10	< 10	**31**	NA	< 10	< 10	< 10	< 10	< 10	NA	NA
	02/04/03	**560**	< 10	< 10	**19**	NA	NA	NA	NA	NA	NA	NA	NA
	08/02/03	**1.1**	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/06	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/07	< 1.0	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/08/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/24/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-14	09/24/96	**2** [a]	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/01/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/11/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	**3.3**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	**48**	< 1.0	< 1.0	**2.3**	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	**42**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	**25**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/11/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-15	09/25/96	**4** [a]	**6**	< 5	**6**	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/08/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/24/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/11/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-17	09/24/96	**2** [a]	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/31/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/24/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/11/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	08/09/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/01/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/24/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
MW-19	09/27/96	**2**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/08/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/01/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA

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Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-20	08/07/97	**12**	< 5	< 5	< 5	< 100	**8**	< 5	**39**	**22**	NA	< 10	< 10
	11/03/97	< 5	< 5	< 5	< 5	< 100	**10**	< 5	**86**	**28**	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	**12**	< 5	**72**	< 5	< 5	< 5	NA
	05/29/98	< 5	< 5	< 5	< 5	< 20	**15**	< 5	**120**	< 5	< 5	< 5	NA
	08/15/98	< 5	< 5	< 5	< 5	< 20	**14**	< 5	**100**	**28**	< 5	< 5	NA
	12/28/98	< 1	< 1	< 1	< 1	< 20	**15**	< 1	**83**	**27**	< 1	< 1	NA
	03/26/99	< 1	< 1	< 1	< 1	< 20	**15**	< 1	**84**	**27**	< 1	< 1	NA
	09/08/99	< 1	< 1	< 1	< 1	< 20	**16**	< 1	**100**	**26**	< 1	NA	NA
	03/29/00	< 1	< 1	< 1	< 1	< 20	**19**	< 1	**110**	**24**	< 1	NA	NA
	11/15/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	**17.5**	< 1.00	**94.5**	**18.7**	< 1.00	NA	NA
	03/29/01	< 1	< 5	< 5	< 5	< 10	**26.6**	< 5	**128**	**19.1**	NA	NA	NA
	10/08/01	< 1	< 1	< 1	< 3	< 10	**26.6**	< 1	**204**	**20.8**	< 1	NA	NA
	07/01/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	**25**	< 1.0	**110**	**12**	< 1.0	NA	NA
	02/03/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	**24**	< 1.0	**160**	**11**	< 1.0	NA	NA
	08/03/03	**1.4**	< 1.0	< 1.0	< 1.0	< 10	**26**	< 1.0	**120**	**8.8**	< 1.0	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	< 50	**29**	< 5.0	**110**	**5.7**	< 5.0	NA	NA
	09/09/04	**1.2**	< 1.0	< 1.0	< 1.0	< 10	**23**	< 1.0	**140**	**5.7**	< 1.0	NA	NA
	04/01/05	< 1.0	< 1.0	< 1.0	< 1.0	< 50	**62**	< 5.0	**240**	**9.1**	< 5.0	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	< 50	**62**	< 5.0	**240**	**8.7**	< 5.0	NA	NA
	03/25/06	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**23**	< 1.0	**63**	**2.9**	< 1.0	NA	NA
	06/22/06	**4.3**	< 1.0	< 1.0	< 3.0	< 10	**15**	< 1.0	**45**	**1.6**	< 1.0	NA	NA
	03/15/07	**5.3**	< 1.0	< 1.0	< 1.5	< 10	**16**	< 1.0	**40**	< 1.0	< 1.0	NA	NA
	09/26/07	**1.7**	< 1.0	< 1.0	< 1.5	< 10	**25**	< 1.0	**64**	**1.1**	< 1.0	NA	NA
	03/07/08	**2.3**	< 1.0	< 1.0	< 1.5	< 10	**22**	< 1.0	**73**	**1.2**	< 1.0	NA	NA
	09/16/08	**1.1**	< 1.0	< 1.0	< 1.5	< 10	**20**	< 1.0	**47**	< 1.0	< 1.0	NA	NA
	03/12/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**14**	< 1.0	**35**	< 1.0	< 1.0	NA	NA
	10/07/09	**2.8**	< 1.0	< 1.0	< 1.5	< 10	**7.2**	< 1.0	**13**	< 1.0	< 1.0	NA	NA
	03/30/10	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**13**	< 1.0	**28**	< 1.0	< 1.0	NA	NA
	09/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**4.6**	< 1.0	**9.7**	< 1.0	< 1.0	NA	NA

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Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-21	08/07/97	**370**	< 5	< 5	< 5	< 100	< 5	**11**	< 5	< 5	NA	< 10	< 10
	11/04/97	**170**	< 5	< 5	**15**	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/30/98	**700**	< 5	< 5	**26**	< 20	< 5	< 5	< 5	< 5	NA	< 5	NA
	05/28/98	**790**	< 5	< 5	**34**	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/15/98	**1,000**	< 5	< 5	**68**	< 20	< 5	< 5	< 5	< 5	**7**	< 5	NA
	12/28/98	**1,400**	**1**	< 1	**61**	< 20	**< 1**	< 1	< 1	< 1	**9**	**8.8**	NA
	03/26/99	**1,400**	< 1	**< 1**	**28**	< 20	< 1	< 1	< 1	< 1	**5**	**7.1**	NA
	09/07/99	**1,500**	< 1	**4**	**25**	< 20	< 1	< 1	< 1	< 1	**4**	NA	NA
	03/29/00	**1,700**	< 1	**8.0**	**12**	< 20	< 1	< 1	< 1	< 1	**4.0**	NA	NA
	11/18/00	**1,430**	< 5.00	**12.7**	< 10.0	< 50.0	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	NA	NA
	03/29/01	**2,600**	< 10	**16.9**	< 10	< 20	< 10	< 10	< 2	< 10	< 10	NA	NA
	10/08/01	**2,210**	< 1	**19**	**2.6**	< 10	< 1	< 1	< 1	< 1	**1.38**	NA	NA
	07/01/02	**1,800**	< 1.0	**21**	**1.4**	NA	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	NA	NA
	02/03/03	**1,400**	< 10	**40**	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	08/02/03	**370**	< 1	< 1	**2.2**	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/06	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/07	< 1.0	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/08/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/11/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-22	08/07/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/03/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/14/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	**4**	**1**	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	**4**	**1**	< 1	< 1	NA
	09/08/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	**5**	**2**	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	**6.0**	**2.0**	< 1	NA	NA
	11/15/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	**4.29**	**1.08**	< 1.00	NA	NA
	03/29/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	**7.62**	< 5	NA	NA	NA
	10/08/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	**10.3**	**1.33**	< 1	NA	NA
	07/01/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	**6.8**	**1.5**	< 1.0	NA	NA
	02/03/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	**4.6**	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	**4.1**	< 1.0	< 1.0	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	**2.6**	< 1.0	< 1.0	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	**2.0**	< 1.0	< 1.0	NA	NA
	04/01/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	03/25/06	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 2.0	< 1.0	**1.2**	< 1.0	< 1.0	NA	NA
	03/14/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	03/07/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	**1.3**	< 1.0	< 1.0	NA	NA
	09/16/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	03/12/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	03/30/10	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	NA	NA
	09/23/10	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-23D	08/06/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/05/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/11/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	04/05/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	05/02/00	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
	04/19/01	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	NA	NA
	06/12/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/11/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-24D	10/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	NA	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/30/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	05/02/00	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
	04/19/01	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	NA	NA
	06/12/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-25D	10/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	NA	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/30/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	05/02/00	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
	04/19/01	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	NA	NA
	06/12/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-26	10/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	NA	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	07/25/99	< 1	< 1	< 1	< 1	< 10	< 1	< 1	**1**	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 10	< 1	< 1	**1**	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 10	< 1	< 1	**3.0**	< 1	< 1	NA	NA
	11/15/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	**3.14**	< 1.00	< 1.00	NA	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	**6.75**	< 5	NA	NA	NA
	10/08/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	**9.61**	< 1	< 1	NA	NA
	07/01/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	**1.7**	< 1.0	**9.1**	**1.6**	< 1.0	NA	NA
	02/03/03	**1.9**	< 1.0	< 1.0	< 1.0	NA	**1.1**	< 1.0	**11**	**1.2**	< 1.0	NA	NA
	08/03/03	**49**	< 1.0	< 1.0	< 1.0	< 10	**3.2**	< 1.0	**14**	**1.1**	< 1.0	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**2.2**	< 1.0	**19**	**1.1**	< 1.0	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**1.8**	< 1.0	**18**	**1.2**	< 1.0	NA	NA
	04/01/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**2.8**	< 1.0	**27**	< 1.0	< 1.0	NA	NA
	10/07/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**3.0**	< 1.0	**25**	**1.0**	< 1.0	NA	NA
	03/25/06	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**3.2**	< 1.0	**27**	< 1.0	< 1.0	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	**3.3**	< 1.0	**32**	**1.0**	< 1.0	NA	NA
	03/14/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**3.9**	< 1.0	**29**	< 1.0	< 1.0	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**4.3**	< 1.0	**37**	< 1.0	< 1.0	NA	NA
	03/07/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**1.6**	< 1.0	**31**	< 1.0	< 1.0	NA	NA
	09/16/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**4.8**	< 1.0	**47**	< 1.0	< 1.0	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	< 10	**4.2**	< 1.0	**43**	< 1.0	< 1.0	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**5.5**	< 1.0	**42**	< 1.0	< 1.0	NA	NA
	03/30/10	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**5.5**	< 1.0	**60**	< 1.0	< 1.0	NA	NA
	09/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**6.2**	< 1.0	**50**	< 1.0	< 1.0	NA	NA
MW-28	11/18/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	NA
	02/13/01	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	< 0.05	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	**0.124**	NA
	10/09/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	**0.15**	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-29	11/19/00	**590**	< 5.00	**57.8**	**23.2**	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	**18.7**	< 0.100	NA
	02/13/01	**734**	< 5.00	**77.9**	**32.0**	< 50.00	< 5.00	< 5.00	< 5.00	< 5.00	**25.0**	6.540	NA
	03/28/01	**1,130**	< 5	**73.5**	**28.2**	< 10	< 5	< 5	< 1	< 5	**24**	6.050	NA
	06/20/01	**556**	< 5	**69.6**	**9.21**	< 10	< 5	< 5	< 1	< 5	**9.69**	1.15	NA
	10/09/01	**413**	< 1	**78.2**	**5.03**	< 10	< 1	< 1	< 1	< 1	**8.03**	**5.3**	NA
	07/03/02	**200**	< 1	**83**	< 1	NA	< 1	< 1	< 1	< 1	**3.8**	< 10	< 10
	02/03/03	**190**	< 1.0	**38**	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	08/03/03	**210**	< 1.0	**49**	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	**88**	< 5.0	**7.5**	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	**110**	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/05	**30**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	**12**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/24/06	**4.9**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	**14**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/07	**2.5**	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/25/07	**2.7**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/08/08	**1.8**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	**26**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	**4.1**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	**8.4**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/30/10	**1.4**	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/10	**1.3**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-30	11/18/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 0.200	NA
	02/13/01	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	< 0.05	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	< 0.05	NA
	10/09/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	< 0.15	NA
	07/04/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/21/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-31	10/04/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	<0.15	NA
	02/26/02	< 1	< 1	< 1	< 2	< 5	< 1	< 1	< 1	< 1	< 1	< 5	< 5
	07/04/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/22/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-32	10/04/01	**897**	< 1	**44.3**	< 3	< 10	< 1	< 1	< 1	< 1	**8.27**	**2.101**	NA
	02/26/02	**805**	< 5	**59.6**	< 10	< 25	< 5	< 5	< 5	< 5	**31.5**	**28.5**	< 5
	07/04/02	**1,000**	< 1	**50**	< 1	NA	< 1	< 1	< 1	< 1	**24**	< 10	< 10
	02/03/03	**600**	< 1.0	**37**	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	08/02/03	**330**	< 1.0	**19**	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	**390**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	**370**	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/05	**28**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/27/06	**38**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/21/06	**37**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/07	< 1.0	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/08/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	**1.2**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/30/10	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-33	10/04/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	<0.15	NA
	02/26/02	< 1	< 1	< 1	< 2	< 5	< 1	< 1	< 1	< 1	< 1	< 5	< 5
	07/04/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/21/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/27/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

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Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-34	01/21/03	**200**	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
	02/04/03	**250**	< 1.0	< 1.0	**1.8**	NA	NA	NA	NA	NA	NA	NA	NA
	08/03/03	**60**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	**130**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	**74**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/05	**440**	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	**98**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/06	**130**	< 5.0	< 5.0	< 15	NA	NA	NA	NA	NA	NA	NA	NA
	09/21/06	**44**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/07	**62**	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/08/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/30/10	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-35	01/21/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	02/03/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	08/03/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/21/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/07	< 1.0	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/08/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/30/10	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/23/10	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

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Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MW-36	11/11/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/21/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/07	< 1.0	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/07/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-37	11/11/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/21/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/07	< 1.0	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/07/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-38	11/11/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/21/06	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/07	< 1.0	< 1.0	< 1.0	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA
	09/26/07	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/07/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/08	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/09	< 1.0	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA

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Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
NMWQCC Standard:		10	750	750	620	none	25	10	5	60	none	30	none
MPE-1	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MPE-2	08/02/03	**270**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	**250**	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/05	**580**	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/24/06	**3.9**	< 1.0	< 1.0	< 3.0	NA	NA	NA	NA	NA	NA	NA	NA
MPE-11	08/02/03	**910**	**160**	**44**	**52**	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	**280**	**30**	**31**	< 20	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	**96**	**4.7**	**9.7**	**2.6**	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/05	**24**	**6.7**	**4.2**	**1.8**	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/05	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/24/06	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MPE-15	08/03/03	**5.2**	< 1.0	**11**	**83**	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	**12**	**9.8**	**6.9**	**29**	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	**15**	**7.9**	**7.9**	**39**	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/05	**2.5**	< 1.0	**8.0**	**33**	NA	NA	NA	NA	NA	NA	NA	NA
	03/24/06	< 1.0	< 1.0	**2.2**	**8.6**	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

Only constituents detected in one or more ground water samples are shown in this table

All results reported above the detection limit are shown in bold type

NA - A result for this constituent is not available

[a] Analyte present in method blank

[b] Total Naphthalene = Naphthalene + 1-Methylnapthalene + 2-Methylnapthalene

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date		Major Ions (mg/L)									Metals (mg/L)												
			TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:			1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-3	03/23/94	c	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.03	0.02	< 0.01	< 0.01	NA	NA	< 0.03	NA	< 0.0002	< 0.05	< 0.01	NA	NA
	08/22/95	b	**3,650**	**405**	**1,800**	0.8	587	3.2	136	215	116	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	0.0002	< 0.1	< 0.01	0.03	0.24
	09/10/96	b	**3,530**	**385**	**1,800**	0.96	635	20	144	229	115	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	07/30/97	b	**3,560**	**409**	**1,680**	1.1	804	< 5	135	410	114	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.3	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	11/03/97	b	**3,450**	**370**	**1,840**	1.1	790 [d]	3.0	180	290 [d]	110	< 0.03	0.04	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/27/98	c	**2,790**	**398**	**1,700**	1.1	643	3	138	212	102	< 0.1	0.014	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98	b	**2,700**	**430**	**2,100**	1.2	NA	NA	NA	NA	108	< 0.005	0.008	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98	b	**3,600**	**443**	95	1.1	594	3	121	205	111	0.007	0.010	< 0.005	< 0.01	< 0.01	0.07	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.04	NA
	12/24/98	b	**3,390**	**390**	**1,900**	1.1	563	3.4	121	220	111	< 0.004	0.0133	< 0.002	< 0.005	< 0.002	0.030	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99	b	**3,430**	**370**	**1,800**	1.3	566	3.5	127	211	113	< 0.004	0.0120	< 0.002	< 0.005	< 0.002	0.042	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/27/00		**3,460**	**410**	**2,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/27/01		**4,130**	**448**	**1,610**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/03/02		**3,200**	**340**	**1,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	03/23/94	c	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.03	0.01	< 0.01	< 0.01	NA	NA	< 0.03	NA	< 0.0002	< 0.05	< 0.01	NA	NA
	08/22/95	b	**3,440**	**574**	**1,800**	3.1	623	3.8	145	204	122	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	< 0.0002	< 0.1	< 0.01	0.01	0.38
	09/10/96	b	**3,550**	**578**	**1,690**	2.97	631	19	158	218	114	< 0.05	0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	0.02	< 0.01	0.02	NA
	07/25/97	b	**3,960**	**622**	**1,720**	3.7	916	< 5	159	270	120	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	0.26	< 0.003	NA	< 0.0002	0.02	< 0.01	< 0.01	NA
	10/31/97	b	**3,700**	**560**	**1,730**	3.6	780 [d]	2.6	200	270 [d]	118	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/27/98	c	**1,180**	**260**	**700**	1.8	300	< 2	67.9	99.3	78	< 0.1	0.047	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98	b	**2,200**	**570**	**1,900**	3.5	NA	NA	NA	NA	110	< 0.005	0.012	< 0.005	< 0.01	< 0.01	0.04	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/11/98	b	**3,400**	**520**	**1,500**	3.7	588	3	144	193	121	< 0.005	0.010	< 0.005	< 0.01	< 0.01	0.06	< 0.005	< 0.005	< 0.0002	0.016	< 0.01	< 0.02	NA
	12/22/98	b	**3,440**	**620**	**1,700**	3.8	628	3	147	203	116	< 0.004	0.0148	< 0.002	< 0.005	< 0.002	0.026	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/23/99	b	**3,490**	**590**	**1,600**	3.9	607	3.2	150	217	116	< 0.004	0.0142	< 0.002	< 0.005	< 0.002	0.023	< 0.025	< 0.001	< 0.0002	0.013	< 0.003	< 0.01	NA
MW-6	08/22/95	b	**2,800**	**344**	**1,600**	1	458	3.9	148	124	110	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	0.0005	< 0.1	< 0.01	0.03	0.69
	09/10/96	b	**3,040**	**333**	**1,490**	0.98	488	19	154	182	99	< 0.05	0.01	< 0.005	< 0.01	< 0.01	NA	0.004	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	07/25/97	b	**3,420**	**344**	**1,650**	1	778	5	217	236	112	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	0.32	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	10/31/97	b	**3,090**	**300**	**1,620**	1.2	550 [d]	3.1	170	170 [d]	106	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/26/98	c	**2,650**	**335**	**1,500**	1.0	517	4	151	152	96	< 0.1	0.007	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98	b	**2,600**	**340**	**1,900**	1.1	NA	NA	NA	NA	102	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.04	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	08/11/98	b	**2,900**	**305**	**1,500**	1.0	425	3	124	126	98	< 0.005	0.006	< 0.005	< 0.01	< 0.01	0.18	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.02	NA
	12/22/98	b	**2,890**	**300**	**1,600**	1.0	488	3.3	142	144	109	< 0.004	0.0099	< 0.002	< 0.005	< 0.002	0.064	< 0.025	0.0097	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/23/99	b	**2,960**	**300**	**1,600**	1.0	476	3.7	146	153	108	< 0.004	0.0106	< 0.002	< 0.005	< 0.002	0.073	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date		Major Ions (mg/L)									Metals (mg/L)												
			TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:			1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-7	08/23/95	[b]	**3,640**	**284**	**2,000**	0.12	668	8.2	235	149	136	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	0.0004	< 0.1	< 0.01	0.02	1.39
	09/17/96	[b]	**3,760**	**273**	**2,140**	0.07	648	20	198	145	110	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	07/31/97	[b]	**3,700**	**313**	**1,930**	< 0.05	191	< 20	84.3	95	112	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	0.3	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/03/97	[b]	**3,580**	**250**	**1,810**	< 0.05	790 [(d)]	6.4	260	180 [(d)]	112	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	**1.2**	< 0.03	**1.2**	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98	[c]	**2,730**	**288**	**1,800**	< 0.1	630	7	206	140	86	< 0.1	0.014	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.120	< 0.0002	< 0.1	< 0.01	0.03	NA
	05/28/98	[b]	**3,000**	**290**	**2,400**	< 0.1	NA	NA	NA	NA	114	< 0.005	0.011	< 0.005	< 0.01	< 0.01	0.44	< 0.05	**0.490**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/14/98	[b]	**3,800**	**301**	**2,300**	< 0.1	572	8	180	130	108	< 0.005	0.012	< 0.005	< 0.01	< 0.01	0.30	< 0.005	**0.428**	< 0.0002	< 0.005	< 0.01	0.09	NA
	12/27/98	[b]	**3,440**	**260**	**2,000**	0.01	556	6.65	0.176	141	120	< 0.004	0.0171	< 0.002	< 0.005	< 0.002	0.126	< 0.025	**0.362**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99	[b]	**3,470**	**250**	**2,000**	0.02	232	5.28	158	110	116	< 0.004	0.0130	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	0.0285	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00	[b]	**3,550**	**300**	**2,200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.225	NA	0.0274	NA	NA	NA	NA	NA
	03/28/01	[b]	**4,180**	**304**	**1,700**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.115	NA	0.0209	NA	NA	NA	NA	NA
	07/01/02	[b]	**3,600**	**250**	**1,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18	NA	0.040	NA	NA	NA	NA	NA
MW-8	08/22/95	[b]	**3,640**	**362**	**2,000**	0.1	587	3.7	193	117	134	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	0.0003	< 0.1	< 0.01	0.01	0.33
	09/19/96	[b]	**3,780**	**331**	**2,120**	0.06	630	21	222	206	141	< 0.05	0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	08/01/97	[b]	**3,890**	**339**	**1,980**	0.16	86.5	< 20	51.5	80	140	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	<0.2	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/02/97	[b]	**3,740**	**320**	**1,810**	0.10	610 [(d)]	3.4	210	180 [(d)]	136	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98	[c]	**2,960**	**347**	**1,900**	0.1	634	3	219	168	96	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98	[b]	**2,800**	**370**	**2,500**	0.2	NA	NA	NA	NA	131	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.03	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/14/98	[b]	**3,800**	**355**	**2,100**	< 0.1	604	4	188	135	204	< 0.005	0.006	< 0.005	< 0.01	< 0.01	0.11	< 0.005	0.009	< 0.0002	< 0.005	< 0.01	0.39	NA
	12/27/98	[b]	**3,650**	**350**	**2,100**	0.21	554	3.7	191	184	137	< 0.004	0.0108	< 0.002	< 0.005	< 0.002	0.065	< 0.025	0.0028	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99	[b]	**3,670**	**350**	**2,000**	0.21	541	3.6	200	169	136	< 0.004	0.0103	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
MW-9	08/23/95	[b]	**4,060**	**391**	**2,200**	0.38	896	17	232	230	124	< 0.05	0.04	< 0.005	< 0.01	0.01	NA	< 0.05	NA	0.0005	< 0.1	< 0.01	0.03	3.13
	09/19/96	[b]	**3,810**	**439**	**1,990**	0.56	673	24	210	287	114	< 0.05	0.05	< 0.005	0.01	< 0.01	NA	0.004	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	07/31/97	[b]	**4,270**	**487**	**2,040**	0.55	557	< 20	174	362	126	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	0.4	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/02/97	[b]	**4,000**	**440**	**1,930**	0.36	610 [(d)]	5.5	190	270 [(d)]	124	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	**1.4**	< 0.03	0.11	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98	[c]	**3,730**	**459**	**1,800**	0.6	639	5	193	248	80	< 0.1	0.008	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.030	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98	[b]	**3,200**	**470**	**2,500**	0.9	NA	NA	NA	NA	112	< 0.005	0.013	< 0.005	< 0.01	< 0.01	0.86	< 0.05	0.070	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/14/98	[b]	**4,200**	**479**	**2,000**	1.1	554	6	174	240	105	0.007	0.015	< 0.005	< 0.01	< 0.01	0.91	< 0.005	0.046	< 0.0002	< 0.005	< 0.01	0.03	NA
	08/14/98	[c]	NA	NA	NA	NA	619	5	206	261	NA	< 0.005	0.007	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.031	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/27/98	[c]	**3,800**	**470**	**2,100**	0.93	532	4.51	163	226	121	< 0.004	0.0158	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	0.0088	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99	[b]	**3,910**	**450**	**2,100**	0.79	532	5.13	181	245	119	< 0.004	0.0164	< 0.002	< 0.005	< 0.002	0.502	< 0.025	0.0326	< 0.0002	< 0.010	< 0.003	< 0.01	NA

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date		Major Ions (mg/L)									Metals (mg/L)												
			TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:			1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-10	09/19/96	b	**3,390**	**367**	**3,360**	0.75	634	6	153	179	133	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	07/31/97	b	**3,550**	**364**	**1,590**	0.71	211	< 20	62.3	146	138	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	< 0.02	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/01/97	b	**3,520**	**340**	**1,890**	0.74	600 [d]	3.5	146	225 [d]	128	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/27/98	c	**2,910**	**350**	**1,700**	0.7	607	4	138	197	120	< 0.1	0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98	b	**3,000**	**370**	**2,200**	0.8	NA	NA	NA	NA	122	< 0.005	0.006	< 0.005	< 0.01	< 0.01	0.03	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	0.20	NA
	08/13/98	b	**3,300**	**372**	**1,900**	0.7	563	5	130	201	121	0.007	0.007	< 0.005	< 0.01	< 0.01	< 0.02	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.04	NA
	12/22/98	b	**3,390**	**350**	**1,900**	0.68	584	3.3	133	203	127	< 0.004	0.0107	< 0.002	< 0.005	< 0.002	0.034	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/23/99	b	**3,390**	**340**	**1,800**	0.68	569	3.8	134	211	127	< 0.004	0.0104	< 0.002	< 0.005	< 0.002	0.011	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/27/00		**3,440**	**390**	**2,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/01		**4,000**	**379**	**1,560**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/03/02		**3,400**	**310**	**1,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	09/19/96	b	**3,480**	**400**	**2,480**	0.71	642	< 5	144	202	116	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	0.004	NA	< 0.0002	< 0.01	< 0.01	0.04	NA
	07/30/97	b	**3,550**	**405**	**1,680**	0.7	748	8	132	545	106	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	0.07	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	11/01/97	b	**3,530**	**370**	**1,900**	0.67	630 [d]	2.6	140	360 [d]	96	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/27/98	c	**2,940**	**374**	**1,600**	0.7	612	3	133	231	100	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98	b	**3,000**	**400**	**2,100**	0.7	NA	NA	NA	NA	103	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.17	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	0.21	NA
	08/13/98	b	**3,300**	**390**	**1,900**	0.6	585	4	121	229	102	0.006	0.007	< 0.005	< 0.01	< 0.01	0.14	< 0.005	0.012	< 0.0002	< 0.005	< 0.01	0.06	NA
	12/22/98	b	**3,780**	**300**	**1,500**	1.1	468	3	98.3	183	110	< 0.004	0.0138	< 0.002	< 0.005	< 0.002	0.047	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99	b	**2,480**	**250**	**1,200**	1.1	403	3.4	88.1	172	106	< 0.004	0.0160	< 0.002	< 0.005	< 0.002	0.137	< 0.025	0.0021	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/27/00		**3,100**	**380**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/27/01		**3,730**	**406**	**1,480**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/03/02		**3,300**	**330**	**1,700**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	09/17/96	b	**3,670**	**431**	**1,810**	0.36	688	16	127	247	110	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	08/06/97	b	**3,670**	**435**	**1,640**	0.41	605	< 5	123	236	106	< 0.01	0.01	< 0.005	< 0.01	< 0.01	0.52	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	11/04/97	b	**3,340**	**390**	**1,630**	0.40	880 [d]	2.6	180	330 [d]	102	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	**0.31**	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/30/98	c	**2,680**	**421**	**1,600**	0.3	625	2	120	209	74	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	0.05	< 0.05	**0.444**	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98	b	**3,100**	**440**	**2,100**	0.3	NA	NA	NA	NA	99	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.12	< 0.05	**0.688**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/15/98	b	**3,200**	**408**	**2,000**	0.4	616	3	118	194	111	0.005	0.005	< 0.005	< 0.01	< 0.01	0.13	< 0.005	**0.678**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/28/98	b	**3,210**	**420**	**1,700**	0.28	551	3.0	108	231	107	< 0.004	0.0083	< 0.002	< 0.005	< 0.002	0.114	< 0.025	**0.667**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/26/99	b	**3,330**	**410**	**1,700**	0.37	533	3.2	113	210	104	< 0.004	0.0084	< 0.002	< 0.005	< 0.002	0.103	< 0.025	**0.759**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/29/00	b	**3,460**	**460**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.158	NA	**1.18**	NA	NA	NA	NA	NA
	03/29/01	b	**3,850**	**485**	**1,580**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.158	NA	**1.38**	NA	NA	NA	NA	NA
	07/01/02	b	**3,300**	**370**	**1,300**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.25	NA	**1.8**	NA	NA	NA	NA	NA

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date		Major Ions (mg/L)									Metals (mg/L)												
			TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:			1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-13	09/19/96	b	**2,810**	**438**	**2,910**	0.13	496	5	123	136	136	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	08/09/97	b	**3,640**	**518**	**1,460**	0.06	484	18	144	212	142	0.02	0.02	< 0.005	< 0.01	< 0.01	0.81	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	11/04/97	b	**3,760**	**460**	**1,720**	< 0.05	680 (d)	3.0	150	200 (d)	152	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.67	< 0.03	**2.4**	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/30/98	c	**2,970**	**490**	**1,500**	< 0.1	707	3	143	174	113	< 0.1	0.009	< 0.005	< 0.01	< 0.01	0.86	< 0.05	**1.50**	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98	b	**2,900**	**530**	**2,100**	< 0.1	NA	NA	NA	NA	149	< 0.005	0.008	< 0.005	< 0.01	< 0.01	**1.41**	< 0.05	**1.37**	**0.0033**	< 0.005	< 0.01	< 0.02	NA
	08/15/98	b	**3,700**	**461**	**1,700**	< 0.1	664	5	134	155	163	0.007	0.009	< 0.005	< 0.01	< 0.01	**1.36**	< 0.005	**1.07**	< 0.0002	< 0.005	< 0.01	0.06	NA
	12/27/98	b	**3,160**	**470**	**1,600**	0.03	577	3.2	121	185	192	< 0.004	0.0150	< 0.002	< 0.005	< 0.002	**1.56**	< 0.025	**1.95**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/26/99	b	**3,110**	**430**	**1,500**	< 0.01	550	3.4	128	170	193	< 0.004	0.0140	< 0.002	< 0.005	< 0.002	**1.46**	< 0.025	**1.84**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/29/00	b	**3,510**	**550**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.908	NA	**1.75**	NA	NA	NA	NA	NA
	03/29/01	b	**4,090**	**593**	**1,330**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.395	NA	**2.14**	NA	NA	NA	NA	NA
	07/01/02	b	**3,400**	**390**	**1,300**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.21	NA	**1.6**	NA	NA	NA	NA	NA
MW-14	09/24/96	b	**3,580**	**364**	**2,000**	0.31	668	6	154	149	98	< 0.05	0.03	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	08/01/97	b	**3,710**	**360**	**1,630**	0.32	672	< 20	155	180	110	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	< 0.02	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/02/97	b	**3,500**	**360**	**1,600**	0.13	780 (d)	4.1	190	220 (d)	112	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	0.06	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98	c	**2,890**	**368**	**1,700**	0.2	664	5	157	169	82	< 0.1	0.012	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.013	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98	b	**2,700**	**380**	**2,200**	0.3	NA	NA	NA	NA	112	< 0.005	0.009	< 0.005	< 0.01	< 0.01	0.05	< 0.05	0.007	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/11/98	b	**3,300**	**360**	**1,800**	0.2	608	5	144	161	122	< 0.005	0.009	< 0.005	< 0.01	< 0.01	< 0.02	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.03	NA
	12/23/98	b	**3,380**	**360**	**1,900**	0.26	609	4.00	144	165	114	< 0.004	0.0125	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99	b	**3,480**	**350**	**1,900**	0.25	567	4.04	143	167	114	< 0.004	0.0126	< 0.002	< 0.005	< 0.002	0.011	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00		**3,450**	**380**	**2,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/01		**4,050**	**391**	**1,610**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/03/02		**3,300**	**320**	**1,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date		Major Ions (mg/L)									Metals (mg/L)												
			TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:			1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-15	09/25/96	b	**3,860**	**438**	**3,940**	0.58	1,130	7	180	210	138	< 0.05	0.03	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.08	NA
	08/08/97	b	**3,820**	**467**	**1,920**	0.35	625	< 5	171	269	118	0.02	0.02	< 0.005	< 0.01	< 0.01	0.32	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	11/02/97	b	**3,820**	**450**	**1,900**	0.43	750 [d]	3.8	210	330 [d]	114	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/28/98	c	**2,970**	**453**	**1,800**	0.4	638	4	174	259	82	< 0.1	0.010	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.015	< 0.0002	< 0.1	< 0.01	0.04	NA
	05/27/98	b	**2,900**	**500**	**2,300**	0.5	NA	NA	NA	NA	110	< 0.005	0.009	< 0.005	< 0.01	< 0.01	0.04	< 0.05	0.006	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98	b	**3,900**	**479**	**2,200**	0.6	586	4	162	262	106	0.006	0.012	< 0.005	< 0.01	< 0.01	0.03	< 0.005	0.012	< 0.0002	< 0.005	< 0.01	0.20	NA
	12/24/98	b	**3,630**	**440**	**2,000**	0.48	592	4.00	150	281	111	< 0.004	0.0133	< 0.002	< 0.005	< 0.002	0.013	< 0.025	0.0191	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99	b	**3,720**	**440**	**1,900**	0.50	578	4.57	162	262	111	< 0.004	0.0117	< 0.002	< 0.005	< 0.002	0.019	< 0.025	0.0130	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00		**3,720**	**480**	**2,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/01		**4,290**	**509**	**1,690**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/03/02		**3,700**	**400**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17	09/24/96	b	**3,660**	**437**	**2,000**	0.71	626	< 5	170	218	138	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	07/31/97	b	**1,570**	**445**	**1,820**	0.71	221	< 20	71.1	175	96	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	<0.2	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/02/97	b	**3,770**	**430**	**2,000**	0.74	770 [d]	2.5	210	330 [d]	90	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	0.03	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/28/98	c	**2,880**	**444**	**1,700**	0.6	629	3	168	249	64	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.018	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98	b	**3,000**	**470**	**1,500**	0.6	NA	NA	NA	NA	89	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.011	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98	b	**3,900**	**443**	**2,100**	0.6	578	2	161	257	124	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.005	0.044	< 0.0002	< 0.005	< 0.01	0.09	NA
	12/24/98	b	**3,600**	**440**	**2,000**	0.64	558	2.6	148	254	93	< 0.004	0.0079	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	0.0042	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99	b	**3,590**	**440**	**1,900**	0.66	535	3.0	152	240	91	< 0.004	0.0077	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	0.0259	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00		**3,690**	**470**	**2,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/27/01		**4,340**	**507**	**1,760**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/03/02		**3,600**	**390**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	08/09/97	b	**4,240**	NA	NA	NA	471	57	164	291	NA	0.02	0.02	< 0.005	0.02	< 0.01	**1.09**	< 0.003	NA	< 0.002	< 0.01	< 0.01	0.03	NA
	11/01/97	b	**3,850**	**390**	**2,020**	0.69	760 [d]	6.4	210	330 [d]	78	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/28/98	c	**3,100**	**424**	**1,900**	0.8	641	7	225	166	55	< 0.1	0.017	< 0.006	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98	b	**2,800**	**430**	**1,800**	0.8	NA	NA	NA	NA	69	< 0.005	0.015	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98	b	**3,900**	**479**	**2,000**	0.7	586	7	209	169	82	0.008	0.015	< 0.005	< 0.01	< 0.01	< 0.02	< 0.005	0.007	< 0.0002	< 0.005	< 0.01	0.08	NA
	12/24/98	b	**3,610**	**400**	**2,100**	0.72	559	5.51	192	174	80	< 0.004	0.0184	< 0.002	0.0052	< 0.002	0.030	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99	b	**3,700**	**400**	**2,000**	0.66	544	5.77	203	163	84	< 0.004	0.0177	< 0.002	0.0094	< 0.002	< 0.01	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date		Major Ions (mg/L)									Metals (mg/L)												
			TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:			1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-19	09/27/96	[b]	**3,850**	**459**	**2,100**	0.82	981	5	226	240	196	< 0.05	0.01	< 0.005	< 0.01	< 0.01	NA	0.004	NA	< 0.0002	< 0.01	< 0.01	0.04	NA
	08/08/97	[b]	**3,990**	**536**	**2,030**	0.88	622	11	170	252	122	0.01	0.01	< 0.005	< 0.01	< 0.01	0.08	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	11/01/97	[b]	**3,920**	**430**	**1,880**	0.82	710 [d]	3.4	210	320 [d]	100	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	0.02	NA
	01/27/98	[c]	**3,330**	**469**	**1,900**	0.9	620	5	196	285	97	< 0.1	0.009	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98	[b]	**3,400**	**480**	**1,600**	1.0	NA	NA	NA	NA	96	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.14	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98	[b]	**4,000**	**443**	**2,000**	0.8	589	4	161	252	113	0.007	0.009	< 0.005	< 0.01	0.01	0.05	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.08	NA
	12/23/98	[b]	**3,740**	**460**	**2,100**	0.84	582	3.3	169	261	104	< 0.004	0.0122	< 0.002	< 0.005	< 0.002	0.030	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99	[b]	**3,810**	**450**	**2,000**	0.84	540	3.7	169	268	105	< 0.004	0.0122	< 0.002	< 0.005	< 0.002	0.036	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
MW-20	08/07/97	[b]	**3,710**	**385**	**1,820**	1.65	617	< 5	135	239	200	< 0.01	0.04	< 0.005	< 0.01	0.02	**1.85**	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.05	NA
	11/03/97	[b]	**3,710**	**290**	**1,950**	0.23	670 [d]	2.6	140	270 [d]	208	< 0.03	< 0.01	< 0.01	< 0.01	0.02	0.39	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	0.22	NA
	01/30/98	[c]	**3,090**	**306**	**1,700**	2.8	680	3	137	238	155	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/29/98	[b]	**3,000**	**310**	**2,400**	3.0	NA	NA	NA	NA	208	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.03	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/15/98	[b]	**3,700**	**301**	**2,200**	2.2	673	4	130	214	242	0.007	0.006	< 0.005	< 0.01	< 0.01	0.26	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/28/98	[b]	**3,620**	**310**	**2,100**	2.5	597	3.4	123	257	209	< 0.004	0.0107	< 0.002	< 0.005	< 0.002	0.238	< 0.025	0.0012	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/26/99	[b]	**3,670**	**290**	**2,000**	2.5	582	3.7	125	236	213	< 0.004	0.0090	< 0.002	< 0.005	< 0.002	0.044	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/29/00	[b]	**3,780**	**310**	**2,200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA	< 0.001	NA	NA	NA	NA	NA
	03/29/01	[b]	**4,250**	**300**	**1,880**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.01	NA	NA	NA	NA	NA
	07/01/02	[b]	**3,600**	**220**	**1,600**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.043	NA	< 0.0020	NA	NA	NA	NA	NA
MW-21	08/07/97	[b]	**3,960**	**436**	**1,790**	0.71	621	< 5	137	192	120	< 0.01	0.06	< 0.005	< 0.01	< 0.01	0.54	< 0.003	NA	< 0.0002	< 0.1	< 0.01	0.03	NA
	11/04/97	[b]	**3,700**	**410**	**1,760**	0.36	810 [d]	4.0	190	260 [d]	118	< 0.03	0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	0.40	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/30/98	[c]	**3,020**	**440**	**1,700**	< 0.1	654	4	153	199	88	< 0.1	0.029	< 0.005	< 0.01	< 0.01	0.21	< 0.05	**0.835**	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98	[b]	**3,000**	**450**	**2,100**	< 0.1	NA	NA	NA	NA	124	< 0.005	0.026	< 0.005	< 0.01	< 0.01	0.63	< 0.05	**1.51**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/15/98	[b]	**3,400**	**408**	**1,900**	< 0.1	647	3	144	196	146	0.006	0.020	< 0.005	< 0.01	< 0.01	0.66	< 0.005	**1.34**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/28/98	[b]	**3,390**	**430**	**1,800**	0.03	566	3.3	134	209	138	< 0.004	0.0245	< 0.002	< 0.005	0.0024	0.704	< 0.025	**1.47**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/26/99	[b]	**3,360**	**410**	**1,800**	< 0.01	548	3.4	138	192	139	< 0.004	0.0225	< 0.002	< 0.005	< 0.002	0.933	< 0.025	**1.32**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/29/00	[b]	**3,440**	**470**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.98**	NA	**1.52**	NA	NA	NA	NA	NA
	03/29/01	[b]	**4,090**	**475**	**1,570**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.17**	NA	**1.62**	NA	NA	NA	NA	NA
	07/01/02	[b]	**3,400**	**390**	**1,400**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.5**	NA	**1.8**	NA	NA	NA	NA	NA

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date		Major Ions (mg/L)									Metals (mg/L)												
			TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:			1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-22	08/07/97	b	**3,630**	**377**	**1,780**	0.76	727	6	143	233	302	< 0.01	0.21	< 0.005	< 0.01	0.05	**16.5**	0.008	NA	< 0.0002	< 0.01	< 0.01	0.08	NA
	11/03/97	b	**3,570**	**380**	**1,840**	0.85	780 (d)	3.6	160	290 (d)	132	< 0.03	0.04	< 0.01	< 0.01	< 0.01	**3.3**	< 0.03	0.07	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98	c	**2,690**	**394**	**1,700**	0.9	660	4	130	218	85	< 0.1	0.007	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98	b	**2,700**	**410**	**2,200**	0.9	NA	NA	NA	NA	107	< 0.005	0.009	< 0.005	< 0.01	< 0.01	0.96	< 0.05	0.015	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/14/98	b	NA	NA	NA	NA	573	3	109	206	NA	0.006	0.036	< 0.005	< 0.01	< 0.01	0.41	< 0.005	0.025	0.0008	< 0.005	< 0.01	0.09	NA
	08/14/98	c	**3,600**	**355**	**1,800**	0.6	642	2	129	236	125	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	0.08	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	12/27/98	b	**3,390**	**390**	**1,900**	0.85	577	2.9	111	234	114	< 0.004	0.0118	< 0.002	< 0.005	< 0.002	0.305	< 0.025	0.0068	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99	b	**3,380**	**380**	**1,800**	0.82	556	3.2	120	220	113	< 0.004	0.0087	< 0.002	< 0.005	< 0.002	0.043	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00	b	**3,500**	**420**	**2,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.028	NA	< 0.001	NA	NA	NA	NA	NA
	03/29/01	b	**3,880**	**433**	**1,670**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.146	NA	< 0.01	NA	NA	NA	NA	NA
	07/01/02	b	**3,500**	**330**	**1,300**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.3**	NA	0.023	NA	NA	NA	NA	NA
MW-23D	08/06/97	b	**3,800**	**344**	**1,980**	< 0.05	624	8	178	231	124	< 0.01	0.02	< 0.005	0.02	< 0.01	0.11	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	11/05/97	b	**3,880**	**330**	**1,900**	< 0.05	600 (d)	3.5	215	300 (d)	128	< 0.03	0.02	< 0.01	< 0.01	< 0.01	0.38	< 0.03	0.11	< 0.0002	< 0.04	< 0.01	0.07	NA
	01/28/98	c	**3,180**	**354**	**1,800**	< 0.1	612	7	183	246	88	< 0.1	0.020	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.141	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98	c	**3,000**	**350**	**1,800**	< 0.1	NA	NA	NA	NA	90	0.005	0.013	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.094	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	08/11/98	b	**3,800**	**337**	**2,200**	< 0.1	584	6	165	240	128	0.009	0.011	< 0.005	< 0.01	0.02	0.23	< 0.005	0.068	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/23/98	b	**3,650**	**330**	**2,100**	0.03	581	3.6	177	240	127	< 0.004	0.0144	< 0.002	< 0.005	< 0.002	0.216	< 0.025	0.0783	< 0.0002	< 0.010	< 0.003	0.030	NA
	04/05/99	b	**3,700**	**300**	**2,000**	0.04	551	3.8	162	208	128	0.0049	0.0162	< 0.002	< 0.005	< 0.002	0.29	< 0.025	0.0641	< 0.0002	< 0.020	< 0.003	< 0.01	NA
MW-24D	10/29/98	c	**3,300**	**350**	**1,880**	< 0.1	NA	NA	NA	NA	157	0.009	0.015	< 0.005	< 0.01	NA	NA	< 0.005	NA	< 0.0002	< 0.005	< 0.01	NA	NA
	10/29/98	b	NA	NA	NA	NA	622	5	99.5	208	NA	< 0.005	0.026	< 0.005	< 0.01	0.01	**1.43**	< 0.005	**0.220**	< 0.0002	< 0.005	< 0.01	0.05	NA
	12/23/98	c	**3,220**	**330**	**1,800**	0.02	508	2.5	82.1	179	279	< 0.004	0.0172	< 0.002	< 0.005	0.0065	< 0.01	< 0.025	0.176	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/30/99	b	**3,360**	**330**	**1,800**	< 0.01	630	3.3	110	213	155	< 0.002	0.0183	< 0.002	< 0.005	< 0.002	0.698	< 0.025	**0.261**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
MW-25D	10/29/98	c	**3,000**	**340**	**2,470**	< 0.1	NA	NA	NA	NA	121	0.006	0.007	< 0.005	< 0.01	NA	NA	< 0.005	NA	< 0.0002	< 0.005	< 0.01	NA	NA
	10/29/98	b	NA	NA	NA	NA	596	4	162	161	NA	< 0.005	0.011	< 0.005	< 0.01	< 0.01	0.58	< 0.005	0.109	< 0.0002	< 0.005	< 0.01	0.03	NA
	12/23/98	b	**3,450**	**320**	**2,000**	0.01	584	4.00	168	160	122	< 0.004	0.0133	< 0.002	< 0.005	< 0.002	0.327	< 0.025	0.108	< 0.0002	< 0.010	< 0.003	0.011	NA
	03/30/99	b	**3,510**	**310**	**2,000**	< 0.01	589	4.38	167	158	121	< 0.002	0.0131	< 0.002	< 0.005	< 0.002	0.510	< 0.025	0.104	< 0.0002	< 0.010	< 0.003	< 0.010	NA

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date		Major Ions (mg/L)									Metals (mg/L)												
			TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:			1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-26	10/29/98	c	**3,500**	**320**	**2,080**	5.1	NA	NA	NA	NA	134	< 0.005	0.009	< 0.005	< 0.01	NA	NA	< 0.005	NA	< 0.0002	0.007	< 0.01	NA	NA
	10/29/98	b	NA	NA	NA	NA	650	5	132	215	NA	< 0.005	0.016	< 0.005	< 0.01	< 0.01	0.82	< 0.005	0.082	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/27/98	b	**3,780**	**300**	**2,200**	4.4	607	4.06	128	237	159	< 0.004	0.0213	< 0.002	< 0.005	< 0.002	**1.13**	< 0.025	0.0347	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99	b	**3,770**	**290**	**2,100**	4.6	578	**4.22**	135	213	130	< 0.004	0.0137	< 0.002	< 0.005	< 0.002	0.394	< 0.025	0.0165	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	07/25/99	b	**3,800**	**280**	**2,100**	4.7	642	4.73	134	221	150	< 0.010	0.0322	< 0.002	< 0.005	< 0.002	**2.55**	< 0.025	0.0464	< 0.0002	< 0.010	< 0.003	0.013	NA
	03/28/00	b	**3,810**	**330**	**2,300**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.558	NA	0.0104	NA	NA	NA	NA	NA
	03/28/01	b	**4,180**	**344**	**1,840**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.342	NA	< 0.01	NA	NA	NA	NA	NA
	07/01/02	b	**3,800**	**270**	**1,600**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	NA	0.020	NA	NA	NA	NA	NA
MW-28	11/18/00	b	**2,500**	**383**	**2,030**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**49.7**	NA	**1.40**	NA	NA	NA	NA	NA
	03/28/01	b	**4,030**	**386**	**1,560**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.06**	NA	0.0469	NA	NA	NA	NA	NA
	07/03/02	b	**3,400**	**310**	**1,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.7**	NA	0.080	NA	NA	NA	NA	NA
MW-29	11/19/00	b	**1,810**	**405**	**735**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**129**	NA	**3.63**	NA	NA	NA	NA	NA
	03/28/01	b	**2,300**	**480**	589	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.275	NA	**0.262**	NA	NA	NA	NA	NA
	07/03/02	b	**1,600**	**350**	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.3**	NA	**0.72**	NA	NA	NA	NA	NA
MW-30	11/18/00	b	**3,260**	**385**	**1,970**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**49.7**	NA	**1.38**	NA	NA	NA	NA	NA
	03/28/01	b	**3,920**	**401**	**1,610**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.05**	NA	0.0378	NA	NA	NA	NA	NA
	07/03/02	b	**3,400**	**320**	**1,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.21	NA	0.0091	NA	NA	NA	NA	NA
MW-31	10/04/01	b	**3,930**	**478**	**1,550**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	**0.0217**	NA	NA	NA	NA	NA
MW-32	10/04/01	b	**3,490**	**510**	**1,180**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	**0.173**	NA	NA	NA	NA	NA
MW-33	10/04/01	b	**3,890**	**483**	**1,610**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	**0.0259**	NA	NA	NA	NA	NA

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-36	11/11/03	**3,200**	**380**	**2,000**	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	NA	**0.1100**	NA	NA	NA	NA	NA
MW-37	11/11/03	**3,200**	**420**	**1,800**	0.53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	NA	**1.40**	NA	NA	NA	NA	NA
MW-38	11/11/03	**3,500**	**480**	**2,000**	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	NA	0.0130	NA	NA	NA	NA	NA

NOTES:

All results reported above the NMWQCC Standards are shown in bold type.

[a] NA - A result for this constituent is not available

[b] Results represent total metals analysis

[c] Results represent dissolved metals analysis on samples filtered in the lab

[d] Analyte present in method blank

Table 6. Summary of Completion Details for Soil Borings Completed as Wells
Compressor Station No. 9 - Roswell, NM

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)[b]	Northing (ft)	Easting (ft)	Total Depth of Boring (ft bgs)	Measured Depth of Well (ft from TOC)	Surface Completion Type	Casing Diameter (in.)	Screen Interval (ft bgs)	Top of Sand Pack (ft bgs)
MW-1	SH&B/Halliburton NUS	07/21/92	na	2,001.40	217.60	68	na	Flush Mount	4	28-68	25.2
MW-1B	Layne/Halliburton NUS	04/21/93	3,609.96	1,854.00	265.50	65.5	64.65	Flush Mount	2	55-65	53
MW-2	Layne/Halliburton NUS	04/21/93	3,611.76	2,034.30	102.40	65	61.61	Flush Mount	2	55-65	53
MW-3	Layne/Halliburton NUS	04/26/93	3,614.87	1,629.77	265.23	72.5	na	Flush Mount	2	60-70	58
MW-5	Layne/Halliburton NUS	04/28/93	3,612.77	2,049.70	-150.96	70	69.35	Flush Mount	2	60-70	58
RW-1	NA/Halliburton NUS	06/13/93	na	na	na	42.5	49.65	Flush Mount	na	na	na
MW-6	Pool/DBS	12/01/94	3,618.62	1,607.40	-266.20	79	na	Flush Mount	2	59.9-74.9	57.1
MW-7	Harrison/DBS	08/22/95	3,599.20	2,118.00	328.40	70.5	na	Flush Mount	2	50-70	48.1
MW-8	Harrison/DBS	08/16/95	3,595.80	2,178.00	414.70	76.8	73.80	Flush Mount	2	59-74	57.2
MW-9	Harrison/DBS	08/18/95	3,599.35	2,071.40	512.90	70	69.75	Flush Mount	2	50-70	47.9
MW-10	Layne/DBS	09/10/96	3,617.85	1,804.76	0.14	74.5	72.15	Flush Mount	2	57-72	55.3
MW-11	Layne/DBS	09/16/96	3,613.31	2,046.04	-27.10	72	68.30	Flush Mount	2	54-69	51.5
MW-12	Layne/DBS	09/11/96	3,606.38	2,149.13	152.94	64	na	Flush Mount	2	44-64	42
MW-13	Layne/DBS	09/13/96	3,612.46	1,749.33	265.05	72	na	Flush Mount	2	57-72	55
MW-14	Layne/DBS	09/10/96	3,604.83	1,918.87	365.40	64.5	na	Flush Mount	2	49.5-64.5	48
MW-15	Layne/DBS	09/20/96	3,610.43	1,803.83	516.97	68.5	na	Flush Mount	2	38.5-68.5	37
MW-16	Layne/DBS	09/19/96	3,612.41	1,718.88	387.35	71.4	71.46	Flush Mount	2	46.4-71.4	45.5
MW-17	Layne/DBS	09/21/96	3,608.43	1,598.72	516.35	70	na	Flush Mount	2	53-68	50.9
MW-18	Layne/DBS	09/25/96	3,609.73	1,701.47	613.38	71	na	Flush Mount	2	54-69	51.6
MW-19	Layne/DBS	09/26/96	3,608.17	1,806.45	717.41	69.5	na	Flush Mount	2	54.5-69.5	51
MW-20	Layne/DBS	08/04/97	3,600.65	2,283.22	148.03	64	na	Flush Mount	2	46.8-61.8	43.9
MW-21	Layne/DBS	08/06/97	3,611.99	1,511.01	408.66	75	na	Flush Mount	2	54-74	51.7
MW-22	Layne/DBS	08/04/97	3,606.04	2,187.66	26.69	68	na	Flush Mount	2	50-65	49
MW-26	GPI/CES	09/01/98	3,597.75	2,416.94	142.26	65	na	Flush Mount	2	43-63	41
MW-27	GPI/CES	09/02/98	3,615.11	1,332.63	433.96	75	na	Flush Mount	2	55-75	53
MW-28	GPI/CES	11/14/00	3,615.90	1,228.94	390.72	75	74.81	Flush Mount	2	60-75	58
MW-29	GPI/CES	11/18/00	3,613.54	1,237.26	542.28	75	74.45	Flush Mount	2	60-75	58
MW-30	GPI/CES	11/16/00	3,612.63	1,133.59	440.96	75	74.70	Flush Mount	2	60-75	58
MW-31	GPI/CES	09/21/01	3,611.59	1,341.87	649.76	75	74.55	Flush Mount	2	60-75	58
MW-32	GPI/CES	09/23/01	3,608.73	1,088.91	563.93	75	74.20	Flush Mount	2	60-75	58
MW-33	GPI/CES	09/22/01	3,610.55	1,180.19	683.32	75	74.60	Flush Mount	2	60-75	58
MW-34	Atkins/CES	01/06/03	3605.05 (c)	933.24	536.25	79	75.75	Flush Mount	2	49-79	46
MW-35	Atkins/CES	01/07/03	3601.87 (c)	947.76	635.18	79	76.71	Flush Mount	2	49-79	46

Table 6. Summary of Completion Details for Soil Borings Completed as Wells
Compressor Station No. 9 - Roswell, NM

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)[b]	Northing (ft)	Easting (ft)	Total Depth of Boring (ft bgs)	Measured Depth of Well (ft from TOC)	Surface Completion Type	Casing Diameter (in.)	Screen Interval (ft bgs)	Top of Sand Pack (ft bgs)
MW-36	Atkins/CES	09/29/03	3601.97 (d)	813.34	447.57	75	74.35	Flush Mount	2	55-75	53
MW-37	Atkins/CES	09/29/03	3599.86 (d)	785.35	517.40	70	69.61	Flush Mount	2	50-70	48
MW-38	Atkins/CES	09/30/03	3598.11 (d)	792.32	590.85	68	67.76	Flush Mount	2	48-68	46
MW-23D	GPI/CES	07/29/97	3,605.00	1,914.95	393.65	194	na	Flush Mount	4	167-187	164
MW-24D	GPI/CES	09/10/98	3,595.95	2,139.77	807.92	180	na	Flush Mount	4	146-176	143
MW-25D	GPI/CES	09/09/98	3,592.99	2,422.12	314.82	150	na	Flush Mount	4	119-149	117
SVE-1A	Layne/DBS	09/21/96	3,616.50	1,793.70	114.40	30	29.65	Flush Mount	2	20-30	19
SVE-2A	Layne/DBS	09/20/96	3,615.70	1,735.90	178.90	30	29.83	Flush Mount	2	20-30	17.5
SVE-3	Layne/DBS	09/16/96	3,614.51	1,881.00	176.60	62.3	61.90	Flush Mount	2	32.0-62.3	29.5
SVE-22	Atkins/CES	11/07/02	na	1746.89	226.73	35	33.20	Flush Mount	2	25-35	23
SVE-23	Atkins/CES	11/07/02	na	1832.49	254.54	39	36.70	Flush Mount	2	25-35	22
SVE-24	Atkins/CES	11/13/02	na	1918.08	282.35	30	28.85	Flush Mount	2	20-30	18
SVE-25	Atkins/CES	11/04/02	na	1813.77	166.51	34	53.30	Flush Mount	2	24-34	21.6
SVE-26	Atkins/CES	11/05/02	na	1884.06	191.23	35	32.45	Flush Mount	2	24-34	22
SVE-27	Atkins/CES	11/01/02	na	1965.96	206.14	35	33.90	Flush Mount	2	20-35	18
SVE-28	Atkins/CES	10/29/02	na	2052.33	231.44	35	36.00	Flush Mount	2	25-35	23
SVE-30	Atkins/CES	10/25/02	na	1946.05	114.40	45	44.00	Flush Mount	2	20-45	18
SVE-31	Atkins/CES	10/28/02	na	2031.05	143.99	35	33.95	Flush Mount	2	25-35	23
MPE-1	Atkins/CES	12/06/02	na	1099.58	600.30	79	75.60	Flush Mount	4	54-74	49
MPE-2	Atkins/CES	12/24/02	na	1039.89	532.94	79	71.75	Flush Mount	4	54-79	51
MPE-3	Atkins/CES	12/21/02	na	1128.06	514.93	79	75.95	Flush Mount	4	54-79	51
MPE-4	Atkins/CES	12/19/12	na	1187.75	582.28	79	78.30	Flush Mount	4	54-79	51
MPE-5	Atkins/CES	12/16/02	na	1277.20	572.35	79	77.70	Flush Mount	4	59-79	56
MPE-6	Atkins/CES	12/17/02	na	1216.24	496.91	79	75.00	Flush Mount	4	54-79	51
MPE-7	Atkins/CES	12/13/02	na	1305.69	486.98	79	78.41	Flush Mount	4	54-74	51
MPE-8	Atkins/CES	12/14/02	na	1405.38	500.61	79	77.55	Flush Mount	4	59-79	50
MPE-9	Atkins/CES	12/18/02	na	1334.63	413.06	79	73.60	Flush Mount	4	54-74	51
MPE-10	Atkins/CES	12/09/02	na	1432.19	416.74	79	75.30	Flush Mount	4	54-74	50
MPE-11	Atkins/CES	12/07/02	na	1492.97	479.94	79	79.05	Flush Mount	4	54-74	50
MPE-12	Atkins/CES	12/06/02	na	1522.61	383.57	79	75.40	Flush Mount	4	54-74	51
MPE-13	Atkins/CES	12/03/02	na	1570.20	436.35	79	77.60	Flush Mount	4	54-74	50.7
MPE-14	Atkins/CES	11/25/02	na	1631.84	435.21	79	76.80	Flush Mount	4	54-74	51
MPE-15	Atkins/CES	11/22/02	na	1714.06	455.52	79	79.25	Flush Mount	4	59-74	54

Table 6. Summary of Completion Details for Soil Borings Completed as Wells
Compressor Station No. 9 - Roswell, NM

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)[b]	Northing (ft)	Easting (ft)	Total Depth of Boring (ft bgs)	Measured Depth of Well (ft from TOC)	Surface Completion Type	Casing Diameter (in.)	Screen Interval (ft bgs)	Top of Sand Pack (ft bgs)
MPE-16	Atkins/CES	11/27/02	na	1613.13	347.18	79	78.20	Flush Mount	4	54-74	49
MPE-17	Atkins/CES	11/20/02	na	1698.72	374.99	75	76.10	Flush Mount	4	55-70	49
MPE-18	Atkins/CES	11/21/02	na	1784.32	402.80	79	78.68	Flush Mount	4	58-73	55
MPE-19	Atkins/CES	11/26/02	na	1680.01	286.96	79	74.12	Flush Mount	4	49-74	46
MPE-20	Atkins/CES	11/20/02	na	1765.60	314.77	78	77.60	Flush Mount	4	48-73	42
MPE-21	Atkins/CES	11/19/02	na	1852.27	337.91	69	68.90	Flush Mount	4	44-64	41.9
MPE-22	Atkins/CES	11/07/02	na	1746.89	226.73	80	77.52	Flush Mount	4	55-80	52
MPE-23	Atkins/CES	11/06/02	na	1832.49	254.54	80	78.41	Flush Mount	4	55-80	52
MPE-24	Atkins/CES	11/13/02	na	1918.08	282.35	74	73.77	Flush Mount	4	49-74	46
MPE-25	Atkins/CES	11/04/02	na	1813.77	166.51	80	77.45	Flush Mount	4	54-79	51
MPE-26	Atkins/CES	11/06/02	na	1884.06	191.23	84	77.35	Flush Mount	4	54-84	49
MPE-27	Atkins/CES	10/31/02	na	1965.96	206.14	79	79.40	Flush Mount	4	54-79	48
MPE-28	Atkins/CES	10/31/02	na	2052.33	231.44	82	77.67	Flush Mount	4	46-76	43
MPE-29	Atkins/CES	11/02/02	na	1859.68	89.10	79	78.35	Flush Mount	4	54-79	51
MPE-30	Atkins/CES	10/25/02	na	1946.05	114.40	80	77.96	Flush Mount	4	59-79	56
MPE-31	Atkins/CES	10/28/02	na	2031.05	143.99	80	78.80	Flush Mount	4	59-79	58
MPE-32	Atkins/CES	11/19/02	na	2117.42	169.29	79	78.30	Flush Mount	4	44-74	39.2
MPE-33	Atkins/CES	11/18/02	na	2202.42	198.88	79	78.00	Flush Mount	4	44-79	41.6
MPE-34	Atkins/CES	10/24/02	na	2014.18	55.59	80	77.52	Flush Mount	4	59-79	56
MPE-35	Atkins/CES	11/15/02	na	2099.18	85.18	79	79.21	Flush Mount	4	54-74	51
MPE-36	Atkins/CES	11/14/02	na	2185.55	110.48	74	71.31	Flush Mount	4	44-74	41
MPE-37	Atkins/CES	11/15/02	na	2270.54	140.07	74	73.60	Flush Mount	4	44-74	41

NOTES:
(a) Driller/Consultant
(b) Survey by Wagener Engineering dated 5/6/98, 9/17/98, 11/29/00 and 10/03/01
(c) Survey by Cypress Engineering dated 3/14/03
(d) Survey by Cypress Engineering dated 6/23/07

Table 7. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
Compressor Station No. 9 - Roswell, NM

	Analytical Requirements					
Well ID	1st Semiannual Event	2nd Semiannual Event	Date of Most Recent Sample	Benzene (ppb) Most Recent Sample	Consecutive Events < NMWQCC Standard	Comments
MW-1	---	---	na	na	na	well pugged and abandoned
MW-1B	---	---	na	na	na	PSH in well
MW-2	---	---	na	na	na	Insufficient water to sample
MW-3	---	---	09/16/08	<1	20	clean perimeter well
MW-5	---	---	03/23/99	<1	10	clean upgradient well
MW-6	---	---	03/23/99	<1	10	clean upgradient well
MW-7	---	---	09/11/08	<1	21	clean perimeter well
MW-8	---	---	03/25/99	<1	9	clean perimeter well
MW-9	---	---	03/24/99	<1	9	clean perimeter well
MW-10	---	---	09/16/08	<1	18	clean perimeter well
MW-11	---	---	09/11/08	<1	18	clean perimeter well
MW-12	---	---	na	na	na	PSH in well
MW-13	---	BTEX	09/24/10	<1	14	Previously contained elevated benzene
MW-14	---	BTEX	09/23/10	<1	3	Previously contained elevated benzene
MW-15	---	---	09/11/08	<1	18	clean perimeter well
MW-16	BTEX	BTEX	na	na	na	Previously contained PSH in well
MW-17	---	---	09/11/08	<1	18	clean perimeter well
MW-18	---	---	03/24/99	<1	7	clean perimeter well
MW-19	---	---	03/24/99	<1	8	clean perimeter well
MW-20	VOCs	VOCs	09/24/10	10 (DCE)	0	COCs: DCA, DCE, TCA
MW-21	---	BTEX	09/23/10	<1	13	Previously contained elevated benzene
MW-22	VOCs	VOCs	09/23/10	<1 (DCE)	16	COCs: DCA, DCE, TCA
MW-23D	---	BTEX	09/26/10	<1	19	clean deep well
MW-24D	---	BTEX	09/26/10	<1	16	clean deep well
MW-25D	---	BTEX	09/26/10	<1	16	clean deep well
MW-26	VOCs	VOCs	09/24/10	50 (DCE)	0	COCs: DCA, DCE, TCA
MW-27	---	---	na	na	na	PSH in well
MW-28	---	---	09/10/08	<1	12	clean perimeter well
MW-29	BTEX	BTEX	09/23/10	1.3	2	Previously contained elevated benzene
MW-30	---	---	09/16/08	<1	12	clean perimeter well
MW-31	---	---	09/10/08	<1	9	clean perimeter well
MW-32	BTEX	BTEX	09/23/10	<1	8	Previously contained elevated benzene
MW-33	---	---	09/10/08	<1	9	clean perimeter well
MW-34	BTEX	BTEX	09/23/10	<1	7	Previously contained elevated benzene
MW-35	BTEX	BTEX	09/23/10	<1	17	clean downgradient well
MW-36	---	---	03/11/09	<1	12	clean downgradient well
MW-37	---	---	03/11/09	<1	12	clean downgradient well
MW-38	---	---	03/11/09	<1	12	clean downgradient well

Notes:
1) nd - non-detect
2) na - not available; sample not collected or analysis not requested
3) VOCs - Volatile Organic Compounds by EPA Method 8260
4) BTEX - by EPA Method 8260

Table 8. Summary of Vapor Sample Analyses for the SVE System
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	Gasoline Range VOCs		Estimated Process Flow	Potential Emissions	< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ug/L)	(ppmv) [a]	(scfm)	(lb/hr)	(%)									
West Baker Furnace	05/21/03	3,220	980	128	1.5	1.0	19.7	40.0	28.8	7.5	2.4	0.5	0.1	0.0	0.0
Duplicate (SVE-1)	05/21/03	3,680	1,120	128	1.8	0.0	20.6	39.8	29.3	7.6	2.2	0.4	0.1	0.0	0.0
West Baker Furnace	06/04/03	3,660	1,114	127	1.7	0.7	36.1	23.0	32.6	4.6	2.3	0.5	0.0	0.0	0.2
Duplicate (SVE-1)	06/04/03	3,180	968	127	1.5	0.4	37.4	34.7	20.8	4.5	2.0	0.2	0.0	0.0	0.0
West Baker Furnace	12/15/04	979	298	157	0.6	10.0	36.1	40.2	7.1	5.2	0.8	0.5	0.0	0.1	0.0
West Baker Furnace	12/22/04	320	97	168	0.2	8.8	31.5	33.8	15.3	6.7	3.0	0.3	0.5	0.1	0.0
West Baker Furnace	07/15/05	2,120	645	153	1.2	8.1	41.2	29.3	15.8	4.2	1.2	0.2	0.0	0.0	0.0
West Baker Furnace	05/01/06	2,200	669	160	1.3	23.7	26.6	27.6	16.1	3.9	1.5	0.6	0.0	0.0	0.0
West Baker Furnace	09/13/06	990	301	165	0.6	26.4	25.9	26.1	18.7	2.0	0.6	0.3	0.0	0.0	0.0
West Baker Furnace	06/22/07	826	251	161	0.5	5.8	22.3	31.4	27.8	9.9	2.5	0.3	0.0	0.0	0.0
West Baker Furnace	07/02/08	728	222	150	0.4	6.7	27.4	35.4	26.1	2.6	0.4	1.4	0.0	0.0	0.0
West Baker Furnace	11/05/08	5,840	1,777	140	3.1	6.4	33.0	35.3	21.5	3.6	0.1	0.1	0.0	0.0	0.0
West Baker Furnace	10/06/09	1,770	539	142	0.9	--	10.5	46.2	38.1	4.0	1.2	0.0	0.0	0.0	0.0
East Baker Furnace	05/21/03	1,850	563	175	1.2	0.0	16.5	29.1	26.2	14.2	8.0	2.2	0.7	2.4	0.7
Duplicate (SVE-2)	05/21/03	2,070	630	175	1.4	0.0	16.6	29.8	27.2	15.1	8.6	1.8	0.6	0.1	0.2
East Baker Furnace	06/04/03	3,450	1,050	142	1.8	0.4	39.8	30.3	19.0	7.1	2.5	0.8	0.1	0.0	0.0
Duplicate (SVE-2)	06/04/03	3,370	1,025	142	1.8	0.3	40.2	29.9	19.0	7.2	2.6	0.7	0.1	0.0	0.0
East Baker Furnace	12/15/04	2,800	852	215	2.3	1.4	38.5	39.9	15.8	3.5	0.5	0.2	0.0	0.1	0.1
East Baker Furnace	12/22/04	1,520	463	174	1.0	4.7	32.0	33.9	24.6	3.6	1.0	0.1	0.1	0.0	0.0
East Baker Furnace	07/15/05	4,140	1,260	184	2.9	8.2	41.4	29.6	16.3	3.8	0.7	0.0	0.0	0.0	0.0
East Baker Furnace	05/10/06	4,470	1,360	198	3.3	25.1	28.4	27.5	14.6	2.7	0.5	1.2	0.0	0.0	0.0
East Baker Furnace	09/13/06	3,140	956	210	2.5	23.0	27.4	29.0	16.9	3.3	0.4	0.0	0.0	0.0	0.0
East Baker Furnace	06/22/07	1,300	396	206	1.0	6.1	23.5	31.5	29.5	7.8	1.6	0.0	0.0	0.0	0.0
East Baker Furnace	07/02/08	1,420	432	193	1.0	4.8	19.9	28.4	34.5	5.9	1.4	4.2	0.0	0.2	0.7
East Baker Furnace	11/05/08	4,580	1,394	177	3.0	9.0	30.1	32.9	22.5	4.6	0.2	0.7	0.0	0.0	0.0
East Baker Furnace	10/06/09	2,010	612	216	1.6	--	15.4	49.3	31.4	2.9	1.0	0.0	0.0	0.0	0.0

Table 8. Summary of Vapor Sample Analyses for the SVE System
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	Gasoline Range VOCs		Estimated Process Flow	Potential Emissions	< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ug/L)	(ppmv) [a]	(scfm)	(lb/hr)	(%)									
A Circuit	07/22/03	2,540	773	132	1.3	0.0	17.2	38.5	31.1	7.6	3.1	0.5	0.5	1.5	0.0
Duplicate (A Circuit) (SVE-1)	07/22/03	2,140	651	132	1.1	0.0	17.8	39.0	30.1	9.8	2.8	0.4	0.0	0.1	0.0
A Circuit	03/02/04	1,050	320	24	0.1	0.1	36.2	44.4	17.5	1.5	0.3	0.0	0.0	0.0	0.0
A Circuit	12/15/04	3,680	1,120	34	0.5	0.2	35.0	42.3	17.6	4.4	0.4	0.1	0.0	0.0	0.0
A Circuit	12/22/04	660	201	81	0.2	18.6	43.0	31.1	6.3	0.5	0.2	0.0	0.3	0.0	0.0
A Circuit	07/15/05	4,850	1,476	37	0.7	6.0	35.4	31.7	20.5	5.3	1.0	0.1	0.0	0.0	0.0
A Circuit	05/10/06	8,800	2,678	40	1.3	21.2	31.1	30.0	14.4	2.6	0.4	0.3	0.0	0.0	0.0
A Circuit	09/13/06	9,340	2,842	52	1.8	31.5	30.5	26.5	10.4	1.1	0.0	0.0	0.0	0.0	0.0
A Circuit	06/22/07	1,020	310	90	0.3	3.2	15.7	26.6	34.4	12.1	3.7	4.3	0.0	0.0	0.0
A Circuit	07/02/08	344	105	86	0.1	5.9	28.8	35.7	24.5	2.1	0.4	2.6	0.0	0.0	0.0
Duplicate (Circuit A-D)	07/02/08	388	118	86	0.1	5.4	27.2	45.7	17.3	1.7	0.2	2.4	0.0	0.0	0.1
A Circuit	10/06/09	1,460	444	86	0.5	--	12.0	41.5	37.2	3.4	5.0	0.1	0.1	0.1	0.6
B Circuit	07/27/03	7,640	2,325	110	3.1	0.2	34.6	20.4	33.3	8.0	2.5	0.7	0.3	0.0	0.0
B Circuit	03/02/04	9,420	2,867	80	2.8	0.1	40.2	40.4	18.1	1.2	0.0	0.0	0.0	0.0	0.0
B Circuit	12/15/04	6,380	1,941	90	2.2	0.1	33.1	50.3	14.2	2.2	0.1	0.0	0.0	0.0	0.0
B Circuit	12/22/04	4,990	1,518	73	1.4	0.3	40.8	39.7	18.1	1.1	0.0	0.0	0.0	0.0	0.0
B Circuit	07/15/05	28,900	8,794	94	10.2	16.9	48.5	22.4	10.8	1.3	0.1	0.0	0.0	0.0	0.0
B Circuit	05/10/06	8,470	2,577	99	3.2	12.2	33.7	39.0	12.2	2.2	0.1	0.6	0.0	0.0	0.0
B Circuit	09/13/06	6,320	1,923	104	2.5	34.2	29.1	23.9	11.5	1.3	0.0	0.0	0.0	0.0	0.0
B Circuit	06/22/07	6,690	2,036	73	1.8	8.2	29.0	34.2	22.1	5.1	0.7	0.7	0.0	0.0	0.0
B Circuit	07/02/08	21.8	7	78	0.0	3.2	6.1	32.5	38.3	11.1	3.1	5.6	0.1	0.0	0.0
B Circuit	10/06/09	3,390	1,032	78	1.0	--	19.6	49.7	27.0	3.2	0.5	0.0	0.0	0.0	0.0

Table 8. Summary of Vapor Sample Analyses for the SVE System
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	Gasoline Range VOCs		Estimated Process Flow	Potential Emissions	< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ug/L)	(ppmv) [a]	(scfm)	(lb/hr)	(%)									
C Circuit	08/18/03	1,250	380	130	0.6	0.0	37.5	35.6	22.5	3.9	0.5	0.0	0.0	0.0	0.0
C Circuit	03/02/04	7,890	2,401	64	1.9	0.1	25.4	39.2	30.1	4.7	0.5	0.0	0.0	0.0	0.0
C Circuit	12/15/04	857	261	90	0.3	5.7	49.5	41.5	2.1	0.4	0.2	0.5	0.0	0.1	0.0
C Circuit	12/22/04	2,770	843	59	0.6	3	22.5	37.1	32.2	4.6	0.3	0.0	0.1	0.0	0.0
C Circuit	07/15/05	1,390	423	75	0.4	11	40.1	26.0	19.4	1.6	0.2	1.6	0.0	0.0	0.0
C Circuit	05/10/06	1,400	426	80	0.4	20	14.1	43.9	17.5	1.3	0.0	3.1	0.0	0.0	0.0
C Circuit	09/13/06	180	55	73	0.0	27	34.0	25.2	13.7	0.3	0.1	0.1	0.0	0.0	0.0
C Circuit	06/22/07	1,600	487	65	0.4	9.4	31.8	34.9	20.3	3.3	0.3	0.0	0.0	0.0	0.0
C Circuit	07/02/08	2,070	630	62	0.5	5.6	24.6	38.2	28.4	2.6	0.1	0.5	0.0	0.0	0.0
C Circuit	10/06/09	9,140	2,781	62	2.1	--	20.3	53.4	24.2	1.2	0.9	0.0	0.0	0.0	0.0
Duplicate (MPE 30-37)	10/06/09	9,910	3,016	62	2.3	--	20.5	56.4	20.0	1.5	1.6	0.0	0.0	0.0	0.0
D Circuit	08/25/03	2,380	724	119	1.1	0.0	49.6	35.7	13.4	1.0	0.1	0.0	0.0	0.1	0.1
D Circuit	03/02/04	52,600	16,006	64	12.7	0.0	32.1	47.8	18.8	1.2	0.1	0.0	0.0	0.0	0.0
D Circuit	12/15/04	14,400	4,382	90	4.9	0.1	34.3	53.7	11.0	0.9	0.0	0.0	0.0	0.0	0.0
D Circuit	12/22/04	13,600	4,138	59	3.0	0.1	35.7	45.3	17.9	1.0	0.0	0.0	0.0	0.0	0.0
D Circuit	07/15/05	10,900	3,317	75	3.1	11.3	39.9	26.6	19.4	2.4	0.2	0.1	0.0	0.1	0.0
D Circuit	05/10/06	28,100	8,551	80	8.4	22.3	33.9	22.3	18.7	2.5	0.0	0.3	0.0	0.0	0.0
D Circuit	09/13/06	17,600	5,356	83	5.5	31.9	38.0	24.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0
D Circuit	06/22/07	13,100	3,986	65	3.2	6.8	25.0	33.5	26.3	6.8	0.8	0.8	0.0	0.0	0.0
D Circuit	07/02/08	6,460	1,966	70	1.7	10.6	37.8	38.1	11.1	0.6	0.1	1.6	0.0	0.0	0.1
D Circuit	10/06/09	11,000	3,347	62	2.6	--	23.7	53.2	21.3	1.1	0.7	0.0	0.0	0.0	0.0

Table 8. Summary of Vapor Sample Analyses for the SVE System
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	Gasoline Range VOCs		Estimated Process Flow	Potential Emissions	< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ug/L)	(ppmv) [(a)]	(scfm)	(lb/hr)	(%)									
Shallow Circuit	03/02/04	1,200	365	48	0.2	0.3	13.5	32.7	40.9	11.3	1.3	0.0	0.0	0.0	0.0
Shallow Circuit	12/15/04	3,630	1,105	68	0.9	0.7	17.1	44.2	28.2	6.8	0.8	1.3	0.7	0.2	0.0
Shallow Circuit	12/22/04	584	178	66	0.1	2.3	14.2	35.9	36.7	7.7	0.7	0.4	0.8	0.6	0.7
Shallow Circuit	07/15/05	336	102	56	0.1	1.5	20.0	20.8	39.1	13.7	4.2	0.6	0.0	0.0	0.1
Shallow Circuit	05/10/06	1,260	383	60	0.3	4.6	6.3	28.5	48.1	9.7	1.4	1.4	0.0	0.0	0.0
Shallow Circuit	09/13/06	4,450	1,354	63	1.0	6.9	23.3	43.2	24.4	2.2	0.0	0.0	0.0	0.0	0.0
Shallow Circuit	06/22/07	1,030	313	73	0.3	0.9	7.3	22.6	39.7	18.2	5.6	5.2	0.5	0.0	0.0
Shallow Circuit	07/02/08	31.2	9	47	0.0	1.3	10.9	35.3	34.2	11.0	3.1	4.0	0.2	0.0	0.0
Shallow Circuit	10/06/09	1,100	335	70	0.3	--	8.8	40.9	41.4	4.9	3.7	0.1	0.1	0.0	0.1

(a) Conversion Factor:
P = 1.00 atm, MW = 79 g/mole, R = 0.08205 L*atm/(K*mole), T = 293 ^{o}K
C ppmv = C ug/L * ((R * T)/(MW*P))
C ppmv = C ug/L * 0.3043

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
MPE-1	08/03/03	3.3	5	1.6	0.0	0.0	0.9	5.4	23.4	36.1	26.5	6.4	1.3	0.0
	12/22/04	--	461	140.3	0.3	7.9	25.3	45.6	16.0	4.0	0.0	0.7	0.2	0.0
	05/10/06	--	265	80.6	4.3	11.1	27.4	31.4	15.3	7.3	3.0	0.1	0.1	0.0
	06/22/07	--	193	58.7	0.7	5.8	21.4	40.7	23.5	7.3	0.6	0.0	0.0	0.0
	07/02/08	--	192	58.4	2.7	5.8	32.0	36.3	13.5	4.4	5.3	0.0	0.0	0.0
	10/06/09	--	137	41.7	--	6.6	35.2	41.7	10.4	5.5	0.5	0.1	0.0	0.0
MPE-2	08/03/03	3.1	9	2.7	0.0	0.0	0.7	5.1	20.1	29.0	19.6	4.9	17.8	2.8
	12/22/04	--	506	154.0	0.4	7.7	25.3	46.1	16.2	3.8	0.0	0.5	0.0	0.0
	05/10/06	--	351	106.8	4.6	12.0	28.2	31.3	15.0	6.2	2.6	0.0	0.1	0.0
	06/22/07	--	163	49.6	0.8	6.9	23.4	40.8	20.8	6.8	0.5	0.0	0.0	0.0
	07/02/08	--	192	58.4	1.1	7.3	32.3	33.7	13.8	8.1	3.7	0.0	0.0	0.0
	10/06/09	--	0	0.0	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MPE-3	08/03/03	3.4	7	2.1	0.0	1.7	9.1	16.4	23.9	32.4	15.9	0.6	0.0	0.0
	12/22/04	--	564	171.6	0.5	7.9	25.7	45.8	16.0	3.6	0.0	0.4	0.1	0.0
	05/10/06	--	341	103.8	3.4	9.3	22.7	25.4	12.0	5.6	21.5	0.0	0.1	0.0
	06/22/07	--	178	54.2	0.9	7.0	23.2	39.8	21.0	7.4	0.7	0.0	0.0	0.0
	07/02/08	--	241	73.3	1.1	7.7	33.8	33.8	12.9	7.2	2.8	0.3	0.4	0.0
	10/06/09	--	197	59.9	--	21.1	52.0	22.8	3.0	1.0	0.1	0.0	0.0	0.0
MPE-4	08/03/03	3.2	16	4.8	0.0	2.6	17.7	21.3	26.7	21.3	9.9	0.3	0.2	0.0
	12/22/04	--	620	188.7	0.5	8.4	26.3	41.7	18.9	3.5	0.3	0.4	0.0	0.0
	05/10/06	--	412	125.4	5.1	11.2	26.9	31.7	14.8	6.8	3.4	0.0	0.1	0.0
	06/22/07	--	190	57.8	0.8	7.2	23.8	40.1	20.7	6.8	0.6	0.0	0.0	0.0
	07/02/08	--	245	74.6	1.1	7.9	34.3	33.6	13.7	6.7	2.7	0.0	0.0	0.0
	10/06/09	--	29.5	9.0	--	9.2	39.3	39.4	7.4	4.1	0.5	0.1	0.0	0.0

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [(a)]	(%)									
MPE-5	08/03/03	3.6	9	2.9	0.0	0.6	5.8	17.9	33.1	30.5	11.9	0.2	0.0	0.0
	12/22/04	--	536	163.1	0.8	8.2	26.0	49.4	12.2	2.6	0.0	0.7	0.1	0.0
	05/10/06	--	438	133.3	6.0	11.5	27.3	31.1	13.9	6.4	3.6	0.0	0.2	0.0
	06/22/07	--	226	68.8	0.8	7.2	23.7	39.8	20.9	6.9	0.7	0.0	0.0	0.0
	07/02/08	--	287	87.3	1.3	8.8	27.0	36.7	15.2	7.8	2.7	0.0	0.5	0.0
	10/06/09	--	17.1	5.2	--	7.4	33.3	43.7	7.7	6.9	0.7	0.2	0.1	0.0
MPE-6	08/03/03	3.9	8	2.5	0.0	0.0	2.1	12.8	29.7	35.3	19.8	0.3	0.0	0.0
	12/22/04	--	639	194.4	1.0	9.1	26.9	48.2	12.0	2.1	0.0	0.6	0.1	0.0
	05/10/06	--	482	146.7	4.9	11.9	28.1	31.8	14.4	6.2	2.6	0.0	0.1	0.0
	06/22/07	--	249	75.8	1.0	7.8	24.9	40.5	20.3	5.1	0.4	0.0	0.0	0.0
	07/02/08	--	321	97.7	1.0	7.1	36.4	38.2	11.7	3.7	1.9	0.0	0.0	0.0
	10/06/09	--	12.4	3.8	--	7.5	30.3	44.4	8.0	8.3	1.0	0.2	0.1	0.2
MPE-7	08/03/03	7.2	107	32.6	0.0	47.4	22.0	17.8	5.6	2.8	1.7	0.7	2.0	0.0
	12/22/04	--	727	221.2	0.9	8.6	25.5	44.2	11.2	9.1	0.0	0.5	0.0	0.0
	05/10/06	--	646	196.6	4.6	12.4	28.8	31.6	14.5	6.0	2.0	0.0	0.1	0.0
	06/22/07	--	348	105.9	1.0	7.7	24.6	41.5	20.2	4.7	0.3	0.0	0.0	0
	07/02/08	--	904	275.1	1.2	10.1	36.1	36.1	10.9	4.4	1.2	0.0	0.0	0
	10/06/09	--	26.4	8.0	--	20.2	34.3	34.4	5.4	4.9	0.6	0.1	0.1	0
MPE-8	08/03/03	5.1	34	10.2	0.0	9.5	17.4	34.1	19.5	9.4	4.8	1.6	3.7	0.0
	12/22/04	--	811	246.8	1.3	10.6	29.2	46.1	10.8	1.5	0.0	0.5	0.0	0.0
	05/10/06	--	880	267.8	6.2	14.4	30.2	30.4	12.8	4.4	1.5	0.0	0.1	0.0
	06/22/07	--	532	161.9	1.0	8.5	26.2	41.7	19.0	3.5	0.1	0.0	0.0	0.0
	07/02/08	--	644	196.0	1.1	9.9	44.3	33.2	8.6	1.5	1.4	0.0	0.0	0.0
	10/06/09	--	18.2	5.5	--	12.2	39.3	36.2	5.8	5.8	0.6	0.1	0.0	0.0

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
MPE-9	08/03/03	23.9	260	79.1	0.0	55.0	26.1	14.5	2.8	1.1	0.5	0.0	0.0	0.0
	12/22/04	--	1,590	483.8	2.8	24.3	31.9	32.2	7.3	1.1	0.0	0.3	0.1	0.0
	05/10/06	--	3,830	1,165.5	14.1	26.3	32.4	20.0	5.3	1.1	0.8	0.0	0.0	0.0
	06/22/07	--	1,490	453.4	2.1	13.6	30.2	40.5	12.2	1.4	0.0	0.0	0.0	0.0
	07/02/08	--	1,550	471.7	1.6	10.4	42.4	35.3	6.3	0.7	3.3	0.0	0.0	0.0
	10/06/09	--	7.4	2.3	--	8.3	20.8	43.2	10.7	14.5	2.0	0.3	0.2	0.0
MPE-10	08/03/03	8.6	68	20.8	0.0	28.4	29.8	24.3	10.0	5.3	2.2	0.0	0.0	0.0
	12/22/04	--	1,140	346.9	0.1	10.5	30.4	43.5	13.4	2.0	0.0	0.1	0.0	0.0
	05/10/06	--	7,560	2,300.5	30.3	33.0	24.6	9.6	1.6	0.2	0.7	0.0	0.0	0.0
	06/22/07	--	7,840	2,385.7	8.3	31.4	34.4	22.7	3.1	0.1	0.0	0.0	0.0	0.0
	07/02/08	--	9,370	2,851.3	7.6	36.2	41.6	12.8	1.2	0.0	0.6	0.0	0.0	0.0
	10/06/09	--	1,650	502.1	--	18.6	56.5	22.0	2.0	0.9	0.0	0.0	0.0	0.0
MPE-11	08/03/03	5.3	29	8.9	0.0	15.4	26.5	27.1	14.8	10.7	5.1	0.1	0.3	0.0
	12/22/04	--	1,400	426.0	0.3	9.8	30.7	46.1	11.2	1.6	0.0	0.2	0.1	0.0
	05/10/06	--	1,000	304.3	5.6	12.3	29.3	32.6	13.0	4.5	2.6	0.0	0.1	0.0
	06/22/07	--	508	154.6	1.0	8.4	27.2	42.9	17.3	3.2	0.0	0.0	0.0	0.0
	07/02/08	--	650	197.8	8.5	25.1	32.3	25.5	6.0	0.9	1.6	0.0	0.0	0.1
	10/06/09	--	150	45.6	--	9.5	36.4	43.8	5.8	4.2	0.3	0.0	0.0	0.0
MPE-12	08/03/03	130.6	5,600	1,704.1	0.0	35.0	38.7	22.4	3.5	0.4	0.0	0.0	0.0	0.0
	12/22/04	--	1,940	590.3	0.3	12.1	35.1	43.2	8.1	1.0	0.0	0.2	0.0	0.0
	05/10/06	--	18,800	5,720.8	7.9	29.2	36.8	23.1	2.2	0.2	0.6	0.0	0.0	0.0
	06/22/07	--	13,800	4,199.3	4.4	19.9	35.2	32.0	7.8	0.7	0.0	0.0	0.0	0.0
	07/02/08	--	11,300	3,438.6	4.9	13.7	41.4	32.0	5.6	0.4	2.0	0.0	0.0	0.0
(Duplicate MPE-66)	07/02/08	--	11,600	3,529.9	5.1	22.0	38.0	28.1	5.5	0.4	0.9	0.0	0.0	0.0
	10/06/09	--	1,660	505.1	--	18.7	52.1	24.9	3.7	0.6	0.0	0.0	0.0	0.0

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
MPE-13	08/03/03	156.9	7,290	2,218.3	0.0	16.6	61.3	18.9	2.9	0.3	0.0	0.0	0.0	0.0
	12/22/04	--	4,930	1,500.2	0.0	24.9	42.5	27.9	4.1	0.5	0.0	0.1	0.0	0.0
	05/10/06	--	10,800	3,286.4	21.4	26.6	31.3	16.6	2.9	0.7	0.5	0.0	0.0	0.0
	07/02/08	--	1,500	456.5	5.5	14.9	34.5	33.1	8.0	1.1	2.9	0.0	0.0	0.0
	10/06/09	--	2,990	909.9	--	16.6	50.0	29.2	3.3	0.9	0.0	0.0	0.0	0.0
MPE-14	08/03/03	162.7	8,480	2,580.5	0.0	48.6	29.0	19.2	2.7	0.3	0.1	0.0	0.1	0.0
	12/22/04	--	4,770	1,451.5	0.1	28.5	41.7	25.4	3.8	0.4	0.0	0.1	0.0	0.0
	05/10/06	--	14,200	4,321.1	35.8	25.5	22.8	12.5	2.5	0.5	0.4	0.0	0.0	0.0
	06/22/07	--	12,800	3,895.0	7.2	31.0	37.2	20.4	3.8	0.4	0.0	0.0	0.0	0.0
	07/02/08	--	7,240	2,203.1	5.7	26.5	42.0	21.3	2.7	0.4	1.4	0.0	0.0	0.0
	10/06/09	--	18,500	5,629.6	--	23.3	56.6	18.3	1.2	0.6	0.0	0.0	0.0	0.0
MPE-15	08/03/03	106.3	1,700	517.3	0.0	21.6	32.9	34.0	9.7	1.8	0.0	0.0	0.0	0.0
	12/22/04	--	1,920	584.3	0.4	11.7	33.9	43.5	9.3	1.1	0.0	0.1	0.0	0.0
	05/10/06	--	1,570	477.8	5.9	13.3	29.4	31.7	13.3	4.5	1.9	0.0	0.0	0.0
	06/22/07	--	1,850	563.0	3.1	14.8	29.4	34.3	15.2	3.2	0.0	0.0	0.0	0.0
	07/02/08	--	1,000	304.3	1.2	8.5	39.7	33.6	12.7	3.3	1.0	0.0	0.0	0.0
	10/06/09	--	2,360	718.1	--	16.1	48.5	28.0	3.4	3.4	0.0	0.0	0.0	0.6
MPE-16	08/03/03	134.2	3,430	1,043.7	0.0	32.6	35.2	25.9	5.4	0.8	0.1	0.0	0.0	0.0
	12/22/04	--	4,410	1,342.0	0.0	24.5	40.8	29.2	4.9	0.5	0.0	0.1	0.0	0.0
	05/10/06	--	6,960	2,117.9	32.0	24.9	23.0	14.6	3.5	1.2	0.8	0.0	0.0	0.0
	06/22/07	--	13,900	4,229.8	19.6	40.1	24.2	12.8	3.0	0.3	0.0	0.0	0.0	0.0
	07/02/08	--	3,900	1,186.8	10.9	27.1	30.9	23.5	4.3	0.6	2.7	0.0	0.0	0.0
	10/06/09	--	6,230	1,895.8	--	25.2	53.5	18.4	1.5	1.4	0.0	0.0	0.0	0.0

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
MPE-17	08/03/03	95.7	1,960	596.4	0.0	15.0	30.1	37.8	14.2	2.8	0.1	0.0	0.0	0.0
	12/22/04	--	3,140	955.5	0.2	20.1	34.9	36.8	7.3	0.7	0.0	0.0	0.0	0.0
	05/10/06	--	19,800	6,025.1	26.8	28.1	26.8	14.3	2.3	0.5	1.2	0.0	0.0	0.0
	06/22/07	--	9,720	2,957.8	7.2	27.9	35.1	24.6	4.8	0.4	0.0	0.0	0.0	0.0
	07/02/08	--	3,740	1,138.1	5.2	22.5	38.1	26.6	4.3	0.5	2.8	0.0	0.0	0.0
	10/06/09	--	7,060	2,148.4	--	15.5	47.8	30.0	5.3	1.4	0.0	0.0	0.0	0.0
MPE-18	08/03/03	65.7	971	295.5	0.0	10.2	25.6	37.7	20.5	5.6	0.4	0.0	0.0	0.0
	12/22/04	--	4,380	1,332.8	0.1	13.8	37.7	41.2	6.7	0.5	0.0	0.0	0.0	0.0
	05/10/06	--	1,930	587.3	6.4	14.1	31.3	32.0	9.4	4.0	2.7	0.0	0.1	0.0
	06/22/07	--	2,350	715.1	1.6	12.1	31.6	37.9	14.6	2.2	0.0	0.0	0.0	0.0
	07/02/08	--	1,620	493.0	1.6	8.3	41.0	36.4	8.2	1.4	3.1	0.0	0.0	0.0
	10/06/09	--	1,750	532.5	--	8.7	39.7	37.6	8.4	5.0	0.0	0.1	0.1	0.4
MPE-19	08/03/03	88.2	2,430	739.4	0.0	35.0	28.7	24.3	8.9	2.8	0.3	0.0	0.0	0.0
	12/22/04	--	7,820	2,379.6	0.0	14.5	43.5	37.5	4.2	0.3	0.0	0.0	0.0	0.0
	05/10/06	--	4,550	1,384.6	5.8	16.5	35.2	30.9	9.0	1.4	1.2	0.0	0.0	0.0
	06/22/07	--	5,480	1,667.6	4.2	19.5	34.7	31.2	9.4	1.0	0.0	0.0	0.0	0.0
	07/02/08	--	5,280	1,606.7	3.1	18.3	42.5	26.8	7.0	1.2	1.1	0.0	0.0	0.0
	10/06/09	--	1,550	471.7	--	11.3	41.1	34.7	7.6	5.0	0.0	0.1	0.1	0.1
MPE-20	08/03/03	132.8	19,800	6,025.1	0.0	55.2	27.5	14.6	2.2	0.3	0.2	0.0	0.0	0.0
	12/22/04	--	23,300	7,090.2	0.0	34.8	43.9	20.1	1.2	0.0	0.0	0.0	0.0	0.0
	05/10/06	--	33,300	10,133.2	36.7	20.9	28.6	11.0	0.7	0.2	1.8	0.0	0.1	0.0
	06/22/07	--	56,300	17,132.1	9.8	34.5	35.9	17.2	2.5	0.1	0.0	0.0	0.0	0.0
	07/02/08	--	49,600	15,093.3	8.7	32.6	37.6	19.6	1.1	0.0	0.4	0.0	0.0	0.0
	10/06/09	--	1,820	553.8	--	15.3	44.1	29.3	5.8	4.6	0.0	0.1	0.1	0.7

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
MPE-21	08/03/03	131.7	27,900	8,490.0	0.0	27.0	53.2	17.3	2.2	0.2	0.1	0.0	0.0	0.0
	12/22/04	--	18,600	5,660.0	0.0	35.7	45.0	18.3	0.9	0.1	0.0	0.0	0.0	0.0
	05/10/06	--	1,220	371.2	6.3	13.7	29.4	32.0	12.2	4.0	2.3	0.0	0.1	0.0
	06/22/07	--	22,300	6,785.9	9.7	32.8	34.7	19.6	3.1	0.1	0.0	0.0	0.0	0.0
	07/02/08	--	14,400	4,381.9	9.6	35.7	39.6	12.9	1.4	0.1	0.7	0.0	0.0	0.0
	10/06/09	--	17,200	5,234.0	--	21.2	53.3	22.1	2.3	1.0	0.0	0.0	0.0	0.1
MPE-22	08/03/03	123.3	4,070	1,238.5	0.0	47.2	28.4	19.5	3.5	0.6	0.3	0.2	0.3	0.0
	12/22/04	--	3,770	1,147.2	30.9	49.0	18.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0
	05/10/06	--	3,100	943.3	23.6	27.4	21.7	23.3	2.6	0.6	0.8	0.0	0.0	0.0
	06/22/07	--	3,990	1,214.2	11.1	33.4	32.5	20.3	2.6	0.1	0.0	0.0	0.0	0.0
	07/02/08	--	5,530	1,682.8	5.8	23.2	43.3	21.7	4.6	0.5	0.9	0.0	0.0	0.0
	10/06/09	--	4,430	1,348.0	--	14.7	44.9	35.4	3.2	1.8	0.0	0.0	0.0	0.0
MPE-23	08/03/03	136.0	6,660	2,026.6	0.0	30.4	51.3	15.4	2.5	0.4	0.0	0.0	0.0	0.0
	12/22/04	--	6,520	1,984.0	0.0	27.6	47.6	23.4	1.3	0.1	0.0	0.0	0.0	0.0
	05/10/06	--	33,400	10,163.6	15.3	39.4	30.1	13.1	1.7	0.1	0.3	0.0	0.0	0.0
	06/22/07	--	1,000	304.3	11.7	34.8	31.4	19.4	2.6	0.1	0.0	0.0	0.0	0.0
	07/02/08	--	14,000	4,260.2	16.4	43.8	26.9	11.0	1.1	0.0	0.8	0.0	0.0	0.0
	10/06/09	--	6,320	1,923.2	--	11.5	45.2	35.8	5.9	1.4	0.0	0.0	0.0	0.2
MPE-24	08/03/03	139.9	26,200	7,972.7	0.0	31.9	53.5	12.8	1.7	0.1	0.0	0.0	0.0	0.0
	12/22/04	--	33,300	10,133.2	0.0	33.1	45.7	20.4	0.8	0.0	0.0	0.0	0.0	0.0
	05/10/06	--	47,200	14,363.0	33.0	33.7	23.6	8.2	0.4	0.0	1.1	0.0	0.0	0.0
	06/22/07	--	68,500	20,844.6	8.3	31.4	37.2	20.0	3.0	0.1	0.0	0.0	0.0	0.0
	07/02/08	--	42,200	12,841.5	9.0	35.1	40.8	13.6	1.0	0.0	0.5	0.0	0.0	0.0
	10/06/09	--	68,600	20,875.0	--	21.6	52.6	23.7	1.8	0.3	0.0	0.0	0.0	0.0

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
MPE-25	08/03/03	136.4	3,730	1,135.0	0.0	26.6	39.8	26.3	6.3	1.0	0.0	0.0	0.0	0.0
	12/22/04	--	5,410	1,646.3	0.0	11.4	38.4	44.3	5.6	0.3	0.0	0.0	0.0	0.0
	05/10/06	--	1,510	459.5	5.7	14.5	32.1	24.0	18.2	3.9	1.6	0.0	0.0	0.0
	06/22/07	--	6,760	2,057.1	1.6	11.6	32.5	38.7	14.3	1.3	0.0	0.0	0.0	0.0
	07/02/08	--	7,050	2,145.3	2.0	15.0	41.9	33.6	6.3	0.3	0.8	0.1	0.0	0.0
	10/06/09	--	6,340	1,929.3	--	15.3	48.5	32.8	2.0	1.3	0.0	0.0	0.0	0.1
MPE-26	08/03/03	144.6	9,160	2,787.4	0.0	32.6	37.4	24.9	4.4	0.5	0.2	0.0	0.0	0.0
	12/22/04	--	5,920	1,801.5	0.0	21.7	38.9	34.4	4.7	0.3	0.0	0.0	0.0	0.0
	05/10/06	--	1,980	602.5	10.7	19.2	32.8	27.0	6.7	2.4	1.2	0.0	0.0	0.0
	06/22/07	--	8,010	2,437.4	8.9	31.1	30.8	21.9	6.6	0.7	0.0	0.0	0.0	0.0
	07/02/08	--	6,490	1,974.9	8.1	29.4	37.1	20.6	3.6	0.4	0.8	0.0	0.0	0.0
	10/06/09	--	16,500	5,021.0	--	21.9	52.5	22.0	1.4	1.9	0.0	0.0	0.0	0.3
MPE-27	08/03/03	142.5	77,400	23,552.8	0.0	31.7	55.3	11.5	1.3	0.1	0.1	0.0	0.0	0.0
	12/22/04	--	6,350	1,932.3	0.1	29.3	43.0	24.3	3.1	0.2	0.0	0.0	0.0	0.0
	05/10/06	--	6,040	1,838.0	11.7	23.5	33.8	22.7	6.5	1.0	0.8	0.0	0.0	0.0
	07/02/08	--	72,400	22,031.3	12.2	41.3	37.6	8.1	0.5	0.0	0.3	0.0	0.0	0.0
	10/06/09	--	81,500	24,800.5	--	30.4	56.9	11.5	0.7	0.5	0.0	0.0	0.0	0.0
MPE-28	08/03/03	162.1	25,900	7,881.4	0.0	27.4	52.3	17.2	2.9	0.2	0.0	0.0	0.0	0.0
	12/22/04	--	15,300	4,655.8	0.0	26.6	50.9	20.9	1.4	0.1	0.0	0.1	0.0	0.0
	05/10/06	--	34,500	10,498.4	21.5	31.9	30.1	11.9	2.7	0.2	1.7	0.0	0.0	0.0
	06/22/07	--	22,800	6,938.0	4.6	23.2	38.7	28.1	5.1	0.3	0.0	0.0	0.0	0.0
	07/02/08	--	11,800	3,590.7	3.2	29.3	40.6	22.3	2.7	0.2	1.7	0.0	0.0	0.0
	10/06/09	--	9,890	3,009.5	--	18.6	50.5	25.4	1.3	3.6	0.0	0.0	0.0	0.6

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
MPE-29	08/03/03	160.4	7,710	2,346.2	0.0	13.7	53.7	24.7	6.8	1.1	0.0	0.0	0.0	0.0
	12/22/04	--	3,400	1,034.6	1.2	14.0	40.3	39.1	4.9	0.4	0.0	0.1	0.0	0.0
	05/10/06	--	14,400	4,381.9	14.2	26.7	34.2	19.8	4.3	0.5	0.3	0.0	0.0	0.0
	06/22/07	--	29,900	9,098.6	0.9	8.6	29.4	42.6	16.5	2.0	0.0	0.0	0.0	0.0
	07/02/08	--	3,600	1,095.5	2.1	22.8	39.4	28.1	5.7	0.6	1.3	0.0	0.0	0.0
	10/06/09	--	2,250	684.7	--	9.4	38.7	39.9	8.6	3.3	0.0	0.0	0.0	0.1
MPE-30	08/03/03	154.6	59,200	18,014.6	0.0	29.0	54.8	14.6	1.5	0.1	0.0	0.0	0.0	0.0
	12/22/04	--	26,400	8,033.5	0.0	30.9	44.9	22.8	1.3	0.1	0.0	0.0	0.0	0.0
	05/10/06	--	37,600	11,441.7	18.5	31.8	33.0	14.1	2.1	0.2	0.3	0.0	0.0	0.0
	06/22/07	--	23,900	7,272.8	7.7	29.0	36.5	21.2	5.3	0.3	0.0	0.0	0.0	0.0
	07/02/08	--	9,840	2,994.3	7.4	29.6	36.3	21.2	3.0	0.4	2.1	0.0	0.0	0.0
	10/06/09	--	8,110	2,467.9	--	17.3	49.6	27.7	3.0	2.1	0.0	0.0	0.0	0.3
MPE-31	08/03/03	256.2	17,000	5,173.1	0.0	11.4	33.1	48.3	6.5	0.7	0.0	0.0	0.0	0.0
	12/22/04	--	18,500	5,629.6	0.0	28.5	43.5	25.3	2.5	0.2	0.0	0.0	0.0	0.0
	05/10/06	--	45,800	13,936.9	38.6	33.7	19.6	6.6	0.3	0.0	1.2	0.0	0.0	0.0
	06/22/07	--	15,300	4,655.8	8.4	31.7	34.3	20.3	4.7	0.6	0.0	0.0	0.0	0.0
	07/02/08	--	5,020	1,527.6	2.9	12.9	46.7	27.7	6.2	1.3	2.3	0.0	0.0	0.0
	10/06/09	--	11,000	3,347.3	--	18.3	55.5	22.6	1.8	1.6	0.0	0.0	0.0	0.2
MPE-32	08/03/03	190.0	9,520	2,896.9	0.0	14.3	52.1	25.6	7.0	1.0	0.0	0.0	0.0	0.0
	12/22/04	--	5,600	1,704.1	0.0	10.8	36.0	44.1	8.4	0.7	0.0	0.0	0.0	0.0
	05/10/06	--	10,800	3,286.4	20.3	25.9	30.1	18.3	3.6	0.9	0.9	0.0	0.0	0.0
	06/22/07	--	9,340	2,842.2	9.3	26.8	33.4	24.2	5.6	0.7	0.0	0.0	0.0	0.0
	07/02/08	--	31,200	9,494.2	10.3	38.4	38.2	11.8	0.9	0.0	0.4	0.0	0.0	0.0
	10/06/09	--	40,300	12,263.3	--	26.3	55.2	15.4	1.3	1.2	0.4	0.1	0.0	0.1

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
MPE-33	08/03/03	169.9	3,800	1,156.3	0.0	23.2	36.1	28.6	10.0	2.1	0.0	0.0	0.0	0.0
	12/22/04	--	3,370	1,025.5	0.8	13.7	35.3	40.2	8.9	1.0	0.0	0.1	0.0	0.0
	05/10/06	--	4,360	1,326.7	21.2	24.4	27.5	19.1	5.5	1.1	1.2	0.0	0.0	0.0
	06/22/07	--	2,870	873.3	3.5	16.4	31.1	34.8	12.1	2.1	0.0	0.0	0.0	0.0
	07/02/08	--	1,540	468.6	2.4	16.5	38.6	29.6	7.4	1.9	3.6	0.0	0.0	0.0
	10/06/09	--	934	284.2	--	12.4	43.8	32.1	6.1	4.3	0.3	0.2	0.3	0.5
MPE-34	08/03/03	143.3	5,040	1,533.7	0.0	10.0	28.2	46.0	14.0	1.8	0.0	0.0	0.0	0.0
	12/22/04	--	2,290	696.8	0.0	10.4	34.9	42.0	11.3	1.4	0.0	0.0	0.0	0.0
	05/10/06	--	1,800	547.7	6.4	15.9	31.4	29.8	11.2	3.8	1.5	0.0	0.0	0.0
	06/22/07	--	2,420	736.4	1.5	12.0	33.8	37.2	13.1	2.4	0.0	0.0	0.0	0.0
	07/02/08	--	1,120	340.8	1.8	9.5	37.1	34.1	9.4	2.9	5.2	0.0	0.0	0.0
	10/06/09	--	1,460	444.3	--	14.0	41.3	30.4	7.0	5.8	0.2	0.1	0.4	0.8
MPE-35	08/03/03	105.8	3,100	943.3	0.0	9.9	27.7	47.5	11.7	2.9	0.3	0.0	0.0	0.0
	12/22/04	--	1,840	559.9	0.7	11.5	33.4	42.7	10.3	1.3	0.0	0.1	0.0	0.0
	05/10/06	--	1,040	316.5	6.2	13.5	28.9	30.9	12.7	5.1	2.6	0.0	0.1	0.0
	06/22/07	--	1,190	362.1	1.1	8.9	27.9	40.0	17.9	4.1	0.1	0.0	0.0	0.0
	07/02/08	--	1,040	316.5	1.7	9.1	41.2	35.2	9.2	2.6	1.0	0.0	0.0	0.0
	10/06/09	--	2,780	846.0	--	7.7	42.3	40.8	5.1	3.4	0.1	0.1	0.2	0.3
MPE-36	08/03/03	113.1	2,500	760.8	0.0	22.3	33.5	29.3	11.7	2.9	0.3	0.0	0.0	0.0
	12/22/04	--	1,600	486.9	0.8	11.2	31.7	43.1	11.3	1.7	0.0	0.2	0.0	0.0
	05/10/06	--	850	258.7	6.2	13.5	28.9	23.3	17.8	6.7	3.5	0.0	0.1	0.0
	06/22/07	--	1,530	465.6	5.1	20.7	30.2	29.6	11.9	2.5	0.0	0.0	0.0	0.0
	07/02/08	--	886	269.6	2.6	24.0	41.5	20.9	7.4	2.6	1.0	0.0	0.0	0.0
	10/06/09	--	671	204.2	--	9.1	37.3	41.6	9.4	2.3	0.1	0.0	0.1	0.1

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [(a)]	(%)									
MPE-37	08/03/03	90.7	2,050	623.8	0.0	16.9	32.1	30.7	9.7	3.7	3.3	1.9	1.5	0.2
	12/22/04	--	1,480	450.4	0.2	10.3	31.7	42.1	12.8	2.3	0.3	0.3	0.0	0.0
	05/10/06	--	660	200.8	5.0	13.5	29.7	22.6	19.3	8.0	1.9	0.0	0.0	0.0
	06/22/07	--	770	234.3	1.1	9.0	27.2	38.4	18.8	5.2	0.3	0.0	0.0	0.0
	07/02/08	--	558	169.8	5.0	17.3	34.7	31.2	8.3	1.8	1.7	0.0	0.0	0.0
	10/06/09	--	727	221.2	--	8.6	41.6	35.2	11.3	2.6	0.1	0.2	0.2	0.2
SVE-22	08/03/03	8.7	336	102.2	0.0	3.3	21.2	48.2	22.3	3.8	1.2	0.0	0.0	0.0
	06/22/07	--	118	35.9	0.7	5.6	18.8	32.7	24.6	13.3	4.1	0.2	0.0	0.0
	10/06/09	--	1,420	432.1	--	9.4	39.1	41.3	4.2	5.1	0.0	0.0	0.0	0.9
SVE-23	08/03/03	8.4	53	16.2	0.0	4.2	25.2	41.5	19.0	7.3	2.5	0.1	0.2	0.0
	12/22/04	--	433	131.8	1.9	13.7	39.3	30.7	11.9	1.4	0.0	0.9	0.2	0.0
	05/10/06	--	716	217.9	4.1	8.7	26.8	37.8	16.3	3.9	2.4	0.0	0.0	0.0
	06/22/07	--	5.6	1.7	0.0	1.1	4.3	10.0	27.7	35.6	14.5	5.9	0.8	0.1
	10/06/09	--	1,100	334.7	--	7.1	34.8	41.9	9.2	6.1	0.1	0.1	0.0	0.7
SVE-24	08/03/03	4.7	17	5.1	0.0	1.0	8.8	32.6	30.1	20.0	7.5	0.0	0.0	0.0
	12/22/04	--	780	237.4	1.4	11.2	32.0	43.9	10.0	1.2	0.0	0.2	0.1	0.0
	05/10/06	--	812	247.1	5.6	1.6	21.0	44.6	23.6	2.4	1.2	0.0	0.0	0.0
	06/22/07	--	5.8	1.8	0.0	0.0	3.2	10.8	24.9	39.0	16.6	4.6	0.9	0.0
	10/06/09	--	962	292.7	--	8.3	39.3	37.8	5.4	7.9	0.1	0.1	0.1	1.0
SVE-25	08/03/03	62.1	1,270	386.5	0.0	12.7	31.2	36.7	15.0	4.0	0.4	0.0	0.0	0.0
	12/22/04	--	309	94.0	0.8	9.5	29.5	45.0	12.7	2.2	0.0	0.2	0.1	0.0
	05/10/06	--	161	49.0	5.5	10.7	14.4	35.4	20.0	11.0	2.9	0.1	0.0	0.0
	06/22/07	--	5.6	1.7	1.5	3.7	3.9	31.9	16.3	19.0	21.1	2.2	0.4	0.0
	07/02/08	--	157	47.8	1.3	10.1	30.5	46.8	9.4	1.3	0.6	0.0	0.0	0.0
	10/06/09	--	1,440	438.2	--	9.1	41.8	39.7	8.3	1.0	0.1	0.0	0.0	0.0

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
SVE-26	08/03/03	51.5	880	267.8	0.0	12.6	31.1	36.9	15.0	4.0	0.4	0.0	0.0	0.0
	06/22/07	--	85.8	26.1	0.7	5.7	18.8	32.7	23.5	13.7	4.7	0.2	0.0	0.0
	07/02/08	--	1,340	407.8	1.0	8.4	31.3	37.2	16.3	4.8	1.0	0.0	0.0	0.0
	10/06/09	--	1,420	432.1	--	10.1	46.2	34.4	5.9	3.0	0.1	0.0	0.1	0.2
SVE-27	08/03/03	73.0	1,800	547.7	0.0	13.5	29.2	37.5	13.3	3.3	0.9	0.8	1.4	0.1
	12/22/04	--	215	65.4	1.1	10.8	33.0	31.5	17.7	4.9	0.0	0.7	0.3	0.0
	05/10/06	--	128	39.0	6.5	10.5	14.2	36.0	19.0	10.0	3.8	0.0	0.0	0.0
	06/22/07	--	5.2	1.6	0.0	0.4	4.2	16.6	25.6	31.4	16.6	4.3	0.7	0.2
	07/02/08	--	97.8	29.8	1.1	9.3	28.7	47.5	10.3	1.9	1.2	0.0	0.0	0.0
	10/06/09	--	1,970	599.5	--	9.4	42.3	41.6	4.4	2.3	0.0	0.0	0.0	0.0
SVE-28	08/03/03	78.8	1,690	514.3	0.0	17.3	34.7	34.0	10.9	2.7	0.4	0.0	0.0	0.0
	12/22/04	--	132	40.2	0.2	9.0	26.1	45.9	13.7	4.1	0.0	0.9	0.1	0.0
	05/10/06	--	88	26.8	7.8	10.0	23.7	32.2	14.1	6.5	5.7	0.0	0.0	0.0
	06/22/07	--	5.6	1.7	0.0	0.7	7.0	19.0	24.3	26.1	17.6	4.4	0.7	0.2
	07/02/08	--	631	192.0	0.7	5.7	21.9	40.8	27.1	3.4	0.4	0.0	0.0	0.0
	10/06/09	--	2,780	846.0	--	10.5	45.1	38.6	4.9	0.9	0.0	0.0	0.0	0.0
SVE-30	08/03/03	75.9	734	223.4	0.0	13.9	26.2	35.4	18.2	5.7	0.6	0.0	0.0	0.0
	12/22/04	--	239	72.7	1.5	11.3	34.4	30.8	17.2	4.2	0.0	0.6	0.0	0.0
	05/10/06	--	141	42.9	6.0	10.5	25.3	32.2	15.3	7.1	3.5	0.1	0.0	0.0
	06/22/07	--	6.6	2.0	0.0	4.1	12.8	23.4	19.5	22.1	15.3	2.4	0.4	0.0
	07/02/08	--	117	35.6	1.2	9.7	29.5	47.3	10.0	1.5	0.8	0.0	0.0	0.0
	10/06/09	--	1,770	538.6	--	8.1	37.4	40.9	9.1	4.3	0.1	0.0	0.0	0.1

Table 9. Summary of Vapor Sample Analyses for Invividual SVE Wells
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppm)	(ug/L)	(ppmv) [a]	(%)									
SVE-31	08/03/03	78.8	1,470	447.3	0.0	18.0	32.6	33.3	12.1	3.5	0.5	0.0	0.0	0.0
	06/22/07	--	6.0	1.8	0.0	1.4	9.3	37.0	16.4	14.4	18.4	2.4	0.7	0.0
	07/02/08	--	796	242.2	0.9	8.0	30.2	37.0	16.7	5.4	1.8	0.0	0.0	0.0
	10/06/09	--	2,240	681.6	--	9.5	43.4	39.9	5.8	1.3	0.0	0.0	0.0	0.1

(a) Conversion Factor:
P = 1.00 atm, MW = 79 g/mole, R = 0.08205 L*atm/(K*mole), T = 293°K
C ppmv = C ug/L * ((R * T)/(MW*P))
C ppmv = C ug/L * 0.3043

Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM

Sample Point	Sampling Date	BTEX (ug/L)				TPH (mg/L)	Other VOCs (ug/L)			Major Ions (mg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	GRO (Gasoline Range)	Acetone	2-Butanone	All Others	Phosphorus (As P)	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride	Calcium	Magnesium	Potassium	Sodium
NMWQCC Standard:		10	750	750	620	none	none	none	NA	none	250	600	10.0	1.6	none	none	none	none
Post-Treatment	09/29/03	2,600	8,200	450	3,500	—	< 2500	< 2500	ND	—	430	780	< 0.1	1.2	520	140	4.3	340
	11/21/03	810	310	41	290	—	—	—	—	—	—	—	—	—	—	—	—	—
	12/08/03	< 0.5	< 0.5	< 0.5	< 0.5	—	—	—	—	—	—	—	—	—	—	—	—	—
	12/16/03	< 1.0	< 1.0	< 1.0	< 1.0	—	< 25	< 25	ND	< 0.5	450	880	< 0.1	1.5	310	99	2.6	190
	03/02/04	2.6	< 1.0	< 1.0	< 1.0	—	200	59	ND	< 2.5	410	760	< 0.5	1.7	320	110	2.3	190
	04/19/04	< 1.0	< 1.0	< 1.0	< 1.0	< 0.05	140	32	ND	< 0.5	410	1,000	< 0.1	1.7	470	130	2.7	200
	05/20/04	2.1	< 1.0	< 1.0	< 1.0	0.06	50	20	—	< 0.5	410	1,000	< 0.1	1.7	370	120	2.5	190
	07/13/04	< 1.0	< 1.0	< 1.0	< 1.0	—	13	< 10	ND	< 0.5	400	1,100	1.1	2.1	410	110	2.1	180
	08/17/04	< 1.0	< 1.0	< 1.0	< 1.0	—	72	< 10	ND	< 0.5	380	1,100	< 0.1	2.6	430	130	2.7	200
	09/16/04	< 1.0	< 1.0	< 1.0	< 1.0	—	61	< 10	ND	< 0.5	400	910	< 0.1	1.9	380	120	2.2	190
	10/15/04	< 1.0	< 1.0	< 1.0	< 1.0	—	< 10	< 10	ND	< 0.5	390	770	< 0.1	1.6	310	97	2.2	180
	11/15/04	< 1.0	< 1.0	< 1.0	< 1.0	—	36	< 10	ND	< 0.5	420	870	< 0.1	1.7	370	110	2.2	190
	04/22/05	< 1.0	< 1.0	< 1.0	< 1.0	< 0.05	70	62	ND	< 2.5	500	1,200	< 0.5	2.1	500	150	2.8	190
	05/20/05	37	6.6	< 1.0	< 1.0	0.29	100	99	ND	1.4	400	430	< 0.5	2.1	400	120	2.9	190
	07/15/05	< 1.0	< 1.0	< 1.0	< 1.0	< 0.05	< 10	< 10	ND	< 0.5	420	1,000	< 0.1	1.8	400	120	2.3	190
	08/22/05	< 1.0	< 1.0	< 1.0	< 1.0	< 0.05	< 10	< 10	ND	< 0.5	400	1,200	< 0.1	1.8	410	110	2.4	180
	03/13/06	< 1.0	< 1.0	< 1.0	< 3.0	0.072	93	82	ND	< 0.5	390	1,100	< 0.1	1.6	470	130	2.5	200
	04/17/06	< 1.0	< 1.0	< 1.0	< 3.0	< 0.05	100	< 10	ND	< 0.5	380	1,100	< 0.1	1.4	400	140	2.5	220
	05/18/06	< 1.0	< 1.0	< 1.0	< 3.0	< 0.05	110	27	ND	< 0.5	370	1,200	< 0.5	1.6	430	130	2.2	190
	06/21/06	< 1.0	< 1.0	< 1.0	< 3.0	< 0.05	79	30	ND	< 0.5	390	1,200	< 0.1	1.7	420	140	2.6	210
	07/31/06	< 1.0	< 1.0	< 1.0	< 3.0	< 0.05	< 10	< 10	ND	< 2.5	410	1,100	< 0.5	1.4	450	140	2.4	200
	08/31/06	< 1.0	< 1.0	< 1.0	< 3.0	< 0.05	< 10	< 10	ND	< 0.5	480	970	< 0.5	1.6	380	130	2.2	210
	09/13/06	< 1.0	< 1.0	< 1.0	< 3.0	< 0.05	< 10	< 10	ND	< 0.5	380	1,300	0.35	1.3	470	150	2.4	210
	10/17/06	< 1.0	< 1.0	< 1.0	< 3.0	< 0.05	< 10	< 10	ND	< 0.5	410	1,400	< 0.5	1.6	460	140	2.6	200
	11/09/06	< 1.0	< 1.0	< 1.0	< 3.0	< 0.05	< 10	< 10	ND	< 0.5	370	1,300	< 1.0	1.4	440	150	4.5	210

Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM

Sample Point	Sampling Date	BTEX (ug/L)				TPH (mg/L)	Other VOCs (ug/L)			Major Ions (mg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	GRO (Gasoline Range)	Acetone	2-Butanone	All Others	Phosphorus (As P)	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride	Calcium	Magnesium	Potassium	Sodium
NMWQCC Standard:		10	750	750	620	none	none	none	NA	none	250	600	10.0	1.6	none	none	none	none
	04/24/07	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	< 10	< 10	ND	< 0.5	440	1,100	< 0.5	1.6	410	130	1.9	190
	05/30/07	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	< 10	< 10	ND	< 0.5	410	1,300	< 0.2	1.6	460	130	2.7	200
	07/31/07	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	< 10	< 10	ND	< 2.5	420	1,000	< 1.0	1.8	400	130	2.1	220
	08/21/07	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	110	< 10	ND	0.92	440	880	< 2.0	1.4	380	140	2.4	230
	11/20/07	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	< 10	< 10	ND	< 0.5	450	1,400	< 1.1	2.0	370	130	2.9	220
	06/15/08	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	39	< 10	ND	< 0.5	430	1,400	< 1.1	1.7	570	160	2.8	240
	07/28/08	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	< 10	< 10	ND	< 0.5	430	1,400	< 1.1	1.8	500	150	2.7	220
	08/14/08	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	< 10	< 10	ND	< 0.5	450	1,200	< 2.1	1.8	420	140	3.6	220
	09/29/08	< 1.0	< 1.0	< 1.0	< 2.0	< 0.05	44	< 10	ND	< 0.5	420	1,500	0.27	1.6	526	141	54.7	203
	11/05/08	< 1.0	< 1.0	< 1.0	< 2.0	< 0.05	46	< 10	ND	< 0.5	410	1,200	< 1.0	1.8	460	130	< 10	210
	05/25/09	< 1.0	< 1.0	< 1.0	< 1.5	< 0.05	49	< 10	ND	< 0.5	430	1,600	< 1.0	1.3	490	130	2.7	200
	06/22/09	< 1.0	< 1.0	< 1.0	< 1.5	–	70	< 10	ND	< 0.5	440	1,200	< 5.0	1.5	430	130	2.6	200
	07/21/09	< 1.0	< 1.0	< 1.0	< 1.5	–	13	< 10	ND	< 0.5	480	1,500	< 2.0	1.7	470	140	3.1	210
	08/24/09	< 1.0	< 1.0	< 1.0	< 1.5	–	13	16	ND	< 0.5	74	110	< 2.0	2.1	510	140	3.1	210
	09/28/09	< 1.0	< 1.0	< 1.0	< 1.5	–	19	14	ND	< 0.5	430	1,200	< 1.0	1.6	370	120	2.8	210
	10/29/09	< 1.0	< 1.0	< 1.0	< 1.5	–	20	15	ND	< 0.5	440	1,500	< 0.5	1.8	440	130	3.1	200
	11/18/09	4.8	1.3	< 1.0	< 1.5	–	24	18	ND	< 0.5	430	1,600	< 2.0	2.1	490	140	3.4	200
	06/30/10	5.6	< 1.0	< 1.0	< 1.5	–	110	17	ND	< 0.5	420	910	< 1.0	1.7	330	120	2.8	210
	07/31/10	< 1.0	< 1.0	< 1.0	< 1.5	–	< 10	< 10	ND	< 0.5	410	1,100	< 1.0	1.1	420	130	5.3	200
	08/30/10	< 1.0	< 1.0	< 1.0	< 1.5	–	60	< 10	ND	< 0.5	460	1,600	< 2.0	1.2	500	150	2.8	210
	11/10/10	< 1.0	< 1.0	< 1.0	< 1.5	–	< 10	< 10	ND	1.1	480	1,300	< 2.0	1.0	430	130	3.1	220

Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM

Sample Point	Sampling Date	BTEX (ug/L)				TPH (mg/L)	Other VOCs (ug/L)			Major Ions (mg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	GRO (Gasoline Range)	Acetone	2-Butanone	All Others	Phosphorus (As P)	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride	Calcium	Magnesium	Potassium	Sodium
NMWQCC Standard:		10	750	750	620	none	none	none	NA	none	250	600	10.0	1.6	none	none	none	none
Between GACs	04/19/04	7.3	< 1.0	< 1.0	< 1.0	0.11	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	28	1.6	< 1.0	< 1.0	0.32	48	25	—	—	—	—	—	—	—	—	—	—
	07/13/04	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	08/17/04	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	09/16/04	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	10/15/04	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	11/15/04	0.51	< 0.5	< 0.5	< 0.5	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	04/22/05	37	8.2	0.54	2.4	0.27	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/05	22.00	< 8.7	< 0.5	< 1.8	0.11	—	—	—	—	—	—	—	—	—	—	—	—
	07/15/05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—	—	—	—	—	—	—	—	—	—	—	—
	08/22/05	0.62	< 0.5	< 0.5	< 0.5	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	03/13/06	16	12	< 1.0	4.1	0.51	—	—	—	—	—	—	—	—	—	—	—	—
	04/17/06	< 1	< 1	< 1	< 1	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/06	< 1	< 1	< 1	< 3	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	06/21/06	1.1	1.3	< 1	< 3	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/06	1.6	< 1	< 1	< 3	0.076	—	—	—	—	—	—	—	—	—	—	—	—
	08/31/06	< 1	< 1	< 1	< 3	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	09/13/06	< 1	< 1	< 1	< 3	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	10/17/06	4.2	3.4	< 1	< 3	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/06	3.2	1.3	< 1	< 3	0.076	—	—	—	—	—	—	—	—	—	—	—	—
	04/24/07	1.1	< 1	< 1	< 2	0.120	—	—	—	—	—	—	—	—	—	—	—	—
	05/30/07	< 1	< 1	< 1	< 2	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/07	< 1.0	< 1.0	< 1.0	< 2.0	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	08/21/07	< 1.0	< 1.0	< 1.0	< 2.0	0.067	—	—	—	—	—	—	—	—	—	—	—	—
	11/20/07	< 1.0	< 1.0	< 1.0	< 2.0	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	06/15/08	26	76	1.8	74	0.47	—	—	—	—	—	—	—	—	—	—	—	—
	07/28/08	< 1.0	< 1.0	< 1.0	< 2.0	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	08/14/08	< 1.0	< 1.0	< 1.0	< 2.0	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	09/29/08	< 1.0	< 1.0	< 1.0	< 2.0	< 0.05	—	—	—	—	—	—	—	—	—	—	—	—
	11/05/08	48	54	3.3	38	0.36	—	—	—	—	—	—	—	—	—	—	—	—
	05/25/09	9.2	19	< 1.0	22	0.19	—	—	—	—	—	—	—	—	—	—	—	—
	06/22/09	350	570	16	210	–	—	—	—	—	—	—	—	—	—	—	—	—
	07/21/09	< 1.0	< 1.0	< 1.0	< 2.0	–	—	—	—	—	—	—	—	—	—	—	—	—
	08/24/09	< 1.0	< 1.0	< 1.0	< 2.0	–	—	—	—	—	—	—	—	—	—	—	—	—

Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM

Sample Point	Sampling Date	BTEX (ug/L)				TPH (mg/L)	Other VOCs (ug/L)			Major Ions (mg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	GRO (Gasoline Range)	Acetone	2-Butanone	All Others	Phosphorus (As P)	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride	Calcium	Magnesium	Potassium	Sodium
NMWQCC Standard:		10	750	750	620	none	none	none	NA	none	250	600	10.0	1.6	none	none	none	none
	09/28/09	< 1.0	< 1.0	< 1.0	< 2.0	–	—	—	—	—	—	—	—	—	—	—	—	—
	10/29/09	< 1.0	< 1.0	< 1.0	< 2.0	–	—	—	—	—	—	—	—	—	—	—	—	—
	11/18/09	9.3	3.3	< 1.0	< 2.0	–	—	—	—	—	—	—	—	—	—	—	—	—
	06/30/10	2.1	< 1.0	< 1.0	< 2.0	–	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/10	200	200	12	150	–	—	—	—	—	—	—	—	—	—	—	—	—
	08/30/10	300	440	22	280	–	—	—	—	—	—	—	—	—	—	—	—	—
	11/10/10	< 1.0	< 1.0	< 1.0	< 3.0	–	—	—	—	—	—	—	—	—	—	—	—	—

Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM

Sample Point	Sampling Date	BTEX (ug/L)				TPH (mg/L)	Other VOCs (ug/L)			Major Ions (mg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	GRO (Gasoline Range)	Acetone	2-Butanone	All Others	Phosphorus (As P)	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride	Calcium	Magnesium	Potassium	Sodium
NMWQCC Standard:		10	750	750	620	none	none	none	NA	none	250	600	10.0	1.6	none	none	none	none
Post-Air Stripper	04/19/04	180	220	< 10	140	7.5	—	—	ND	—	—	—	—	—	—	—	—	—
	05/20/04	54	81	2.6	42	1.0	34	< 10	—	—	—	—	—	—	—	—	—	—
	07/13/04	9.4	13.0	2.1	7.6	0.82	—	—	—	—	—	—	—	—	—	—	—	—
	08/17/04	3.9	7.7	< 0.5	6.4	0.46	—	—	—	—	—	—	—	—	—	—	—	—
	09/16/04	4.6	6.9	< 1.0	4.3	0.23	—	—	—	—	—	—	—	—	—	—	—	—
	10/15/04	760	760	26	250	0.23	—	—	—	—	—	—	—	—	—	—	—	—
	11/15/04	86	100	5	57	1.7	—	—	—	—	—	—	—	—	—	—	—	—
	04/22/05	850	710	< 5.0	240	4.0	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/05	370	380	5	130	1.5	—	—	—	—	—	—	—	—	—	—	—	—
	07/15/05	620	710	17	220	2.5	—	—	—	—	—	—	—	—	—	—	—	—
	08/22/05	23	37	5.1	20	0.83	—	—	—	—	—	—	—	—	—	—	—	—
	03/13/06	96	160	8.2	81	6.60	—	—	—	—	—	—	—	—	—	—	—	—
	04/17/06	43	91	7.7	46	0.73	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/06	35	70	< 5.0	35	0.83	—	—	—	—	—	—	—	—	—	—	—	—
	06/21/06	15	19	1.1	11	0.24	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/06	38	55	2.9	29	0.78	—	—	—	—	—	—	—	—	—	—	—	—
	08/31/06	63	79	3.3	43	1.30	—	—	—	—	—	—	—	—	—	—	—	—
	09/13/06	71	120	2.8	54	1.10	—	—	—	—	—	—	—	—	—	—	—	—
	10/17/06	37	70	2.4	32	0.42	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/06	38	88	< 2.0	46	0.63	—	—	—	—	—	—	—	—	—	—	—	—
	04/24/07	33	55	< 2.0	30	0.60	—	—	—	—	—	—	—	—	—	—	—	—
	05/30/07	< 1.0	1.1	< 1.0	< 2.0	0.37	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/07	4.4	8.6	< 1.0	5.1	0.15	—	—	—	—	—	—	—	—	—	—	—	—
	08/21/07	3.6	3.8	< 1.0	3.7	0.11	—	—	—	—	—	—	—	—	—	—	—	—
	11/20/07	75	1.6	9.5	38	0.45	—	—	—	—	—	—	—	—	—	—	—	—
	06/15/08	83	470	20	620	2.6	—	—	—	—	—	—	—	—	—	—	—	—
	07/28/08	32	74	9.6	170	0.88	—	—	—	—	—	—	—	—	—	—	—	—
	08/14/08	32	< 5.0	< 5.0	110	0.59	—	—	—	—	—	—	—	—	—	—	—	—
	09/29/08	650	1,600	71	970	8.1	—	—	—	—	—	—	—	—	—	—	—	—
	11/05/08	1,100	1,300	97	1,000	8.2	—	—	—	—	—	—	—	—	—	—	—	—
	05/25/09	260	680	33	790	5.3	—	—	—	—	—	—	—	—	—	—	—	—
	06/22/09	960	1,600	63	830	–	—	—	—	—	—	—	—	—	—	—	—	—
	07/21/09	280	500	< 20	280	–	—	—	—	—	—	—	—	—	—	—	—	—
	08/24/09	230	350	13	220	–	—	—	—	—	—	—	—	—	—	—	—	—

Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM

Sample Point	Sampling Date	BTEX (ug/L)				TPH (mg/L)	Other VOCs (ug/L)			Major Ions (mg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	GRO (Gasoline Range)	Acetone	2-Butanone	All Others	Phosphorus (As P)	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride	Calcium	Magnesium	Potassium	Sodium
NMWQCC Standard:		10	750	750	620	none	none	none	NA	none	250	600	10.0	1.6	none	none	none	none
	09/28/09	290	72	19	240	–	—	—	—	—	—	—	—	—	—	—	—	—
	10/29/09	450	670	42	430	–	—	—	—	—	—	—	—	—	—	—	—	—
	11/18/09	200	470	18	300	–	—	—	—	—	—	—	—	—	—	—	—	—
	06/30/10	450	460	13	250	–	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/10	190	200	11	140	–	—	—	—	—	—	—	—	—	—	—	—	—
	08/30/10	450	660	31	450	–	—	—	—	—	—	—	—	—	—	—	—	—
	11/10/10	59	97	< 10	65	–	—	—	—	—	—	—	—	—	—	—	—	—

Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM

Sample Point	Sampling Date	BTEX (ug/L)				TPH (mg/L)	Other VOCs (ug/L)			Major Ions (mg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	GRO (Gasoline Range)	Acetone	2-Butanone	All Others	Phosphorus (As P)	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride	Calcium	Magnesium	Potassium	Sodium
NMWQCC Standard:		10	750	750	620	none	none	none	NA	none	250	600	10.0	1.6	none	none	none	none
Pre-Treatment	07/13/04	6,900	8,500	280	2,600	37	—	—	—	—	—	—	—	—	—	—	—	—
	08/17/04	6,000	7,600	240	2,400	37	—	—	—	—	—	—	—	—	—	—	—	—
	09/16/04	6,200	8,100	360	2,600	37	—	—	—	—	—	—	—	—	—	—	—	—
	10/15/04	4,000	4,400	220	1,700	26	—	—	—	—	—	—	—	—	—	—	—	—
	11/15/04	6,600	7,800	300	2,600	37	—	—	—	—	—	—	—	—	—	—	—	—
	04/22/05	4,200	4,100	81	2,200	25	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/05	3,400	2,700	160	2,000	29	—	—	—	—	—	—	—	—	—	—	—	—
	07/15/05	4,800	5,900	260	2,300	25	—	—	—	—	—	—	—	—	—	—	—	—
	08/22/05	6,200	7,700	250	2,600	35	—	—	—	—	—	—	—	—	—	—	—	—
	03/13/06	4,300	6,500	270	2,600	38	—	—	—	—	—	—	—	—	—	—	—	—
	04/17/06	4,900	8,800	310	2,900	30	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/06	4,700	8,000	< 250	2,900	44	—	—	—	—	—	—	—	—	—	—	—	—
	06/21/06	3,800	4,900	200	2,600	22	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/06	5,400	7,600	290	3,100	45	—	—	—	—	—	—	—	—	—	—	—	—
	08/31/06	4,200	5,200	190	2,300	44	—	—	—	—	—	—	—	—	—	—	—	—
	09/13/06	5,100	8,400	160	3,300	42	—	—	—	—	—	—	—	—	—	—	—	—
	10/17/06	3,900	6,900	130	2,700	26	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/06	7,800	24,000	400	7,200	80	—	—	—	—	—	—	—	—	—	—	—	—
	04/24/07	5,200	8,800	200	3,400	47	—	—	—	—	—	—	—	—	—	—	—	—
	05/30/07	4,400	6,700	< 100	3,800	46	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/07	3,800	7,000	340	3,000	39	—	—	—	—	—	—	—	—	—	—	—	—
	08/21/07	3,500	3,400	340	2,800	30	—	—	—	—	—	—	—	—	—	—	—	—
	11/20/07	1,700	81	260	900	14	—	—	—	—	—	—	—	—	—	—	—	—
	06/15/08	440	2,200	150	2,900	15	—	—	—	—	—	—	—	—	—	—	—	—
	07/28/08	490	990	140	2,300	12	—	—	—	—	—	—	—	—	—	—	—	—
	08/14/08	370	< 20	110	1,300	7	—	—	—	—	—	—	—	—	—	—	—	—
	09/29/08	1,600	4,000	130	2,300	22	—	—	—	—	—	—	—	—	—	—	—	—
	11/05/08	3,200	3,700	280	2,600	24	—	—	—	—	—	—	—	—	—	—	—	—
	05/25/09	640	1,700	99	1,900	15	—	—	—	—	—	—	—	—	—	—	—	—
	06/22/09	2,700	4,500	210	2,400	–	—	—	—	—	—	—	—	—	—	—	—	—
	07/21/09	2,500	4,600	210	2,600	–	—	—	—	—	—	—	—	—	—	—	—	—
	08/24/09	2,700	4,000	200	2,500	–	—	—	—	—	—	—	—	—	—	—	—	—
	09/28/09	2,900	910	220	2,200	–	—	—	—	—	—	—	—	—	—	—	—	—
	10/29/09	3,000	4,100	280	2,700	–	—	—	—	—	—	—	—	—	—	—	—	—

Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM

Sample Point	Sampling Date	BTEX (ug/L)				TPH (mg/L)	Other VOCs (ug/L)			Major Ions (mg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	GRO (Gasoline Range)	Acetone	2-Butanone	All Others	Phosphorus (As P)	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride	Calcium	Magnesium	Potassium	Sodium
NMWQCC Standard:		10	750	750	620	none	none	none	NA	none	250	600	10.0	1.6	none	none	none	none
	11/18/09	**1,400**	**3,300**	140	**2,000**	–	—	—	—	—	—	—	—	—	—	—	—	—
	06/30/10	**2,700**	**2,800**	120	**1,500**	–	—	—	—	—	—	—	—	—	—	—	—	—
	07/31/10	**1,900**	**2,000**	140	**1,300**	–	—	—	—	—	—	—	—	—	—	—	—	—
	08/30/10	**1,800**	**2,600**	150	**1,800**	–	—	—	—	—	—	—	—	—	—	—	—	—
	11/10/10	**2,400**	**3,900**	220	**2,100**	–	—	—	—	—	—	—	—	—	—	—	—	—

NOTES:
Only constituents detected in one or more groundwater samples are shown in this table
All results reported above the NMWQCC standard are shown in bold type
(—) A result for this constituent is not available
(a) Analyte present in method blank

Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site

Date	Time	Inspector	Meter reading (gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
12/31/03	1200	NA	139500	0	0	0	0	--	--			
01/11/04	1200	CB	139500	0	0	0	0	--	--			
01/12/04	1200	CB	141300	1,800	1,800	1.0	1.0	1800	1.25			
01/14/04	1200	CB	145900	4,600	6,400	2.0	3.0	2300	1.60			
01/31/04	1200	NA	145900	0	6,400	17.0	20.0	0	0.00	January	6400	206
02/09/04	1200	CB	147600	1,700	8,100	9.0	29.0	189	0.13			
02/17/04	1200	CB	148600	1,000	9,100	8.0	37.0	125	0.09			
02/18/04	1200	CB	150100	1,500	10,600	1.0	38.0	1500	1.04			
02/19/04	1200	CB	153500	3,400	14,000	1.0	39.0	3400	2.36			
02/20/04	1200	CB	153800	300	14,300	1.0	40.0	300	0.21			
02/21/04	1200	CB	157100	3,300	17,600	1.0	41.0	3300	2.29			
02/23/04	1200	CB	161100	4,000	21,600	2.0	43.0	2000	1.39			
02/26/04	1200	CB	162000	900	22,500	3.0	46.0	300	0.21			
02/29/04	1200	NA	162000	0	22,500	3.0	49.0	0	0.00	February	16100	555
03/02/04	1200	CB	164800	2,800	25,300	2.0	51.0	1400	0.97			
03/04/04	1200	CB	171700	6,900	32,200	2.0	53.0	3450	2.40			
03/31/04	1200	NA	171700	0	32,200	27.0	80.0	0	0.00	March	9700	313
04/15/04	1200	CB	174400	2,700	34,900	15.0	95.0	180	0.13			
04/16/04	1200	CB	176100	1,700	36,600	1.0	96.0	1700	1.18			
04/17/04	1200	CB	177900	1,800	38,400	1.0	97.0	1800	1.25			
04/18/04	1200	CB	178900	1,000	39,400	1.0	98.0	1000	0.69			
04/19/04	1200	CB	180400	1,500	40,900	1.0	99.0	1500	1.04			
04/20/04	1200	CB	181700	1,300	42,200	1.0	100.0	1300	0.90			
04/21/04	1200	CB	183400	1,700	43,900	1.0	101.0	1700	1.18			
04/24/04	1200	CB	186000	2,600	46,500	3.0	104.0	867	0.60			
04/26/04	1200	CB	189000	3,000	49,500	2.0	106.0	1500	1.04			
04/28/04	1200	CB	193600	4,600	54,100	2.0	108.0	2300	1.60			
04/30/04	1200	CB	199000	5,400	59,500	2.0	110.0	2700	1.88	April	27300	910
05/01/04	1200	CB	201400	2,400	61,900	1.0	111.0	2400	1.67			
05/04/04	1200	CB	207000	5,600	67,500	3.0	114.0	1867	1.30			
05/05/04	1200	CB	209900	2,900	70,400	1.0	115.0	2900	2.01			
05/07/04	1200	CB	214100	4,200	74,600	2.0	117.0	2100	1.46			
05/08/04	1200	CB	214200	100	74,700	1.0	118.0	100	0.07			
05/10/04	1200	CB	214300	100	74,800	2.0	120.0	50	0.03			
05/12/04	1200	CB	216300	2,000	76,800	2.0	122.0	1000	0.69			
05/15/04	1200	CB	223500	7,200	84,000	3.0	125.0	2400	1.67			
05/18/04	1200	CB	223800	300	84,300	3.0	128.0	100	0.07			
05/19/04	1200	CB	226300	2,500	86,800	1.0	129.0	2500	1.74			
05/20/04	1200	CB	227700	1,400	88,200	1.0	130.0	1400	0.97			
05/23/04	1200	CB	227900	200	88,400	3.0	133.0	67	0.05			
05/24/04	1200	CB	230300	2,400	90,800	1.0	134.0	2400	1.67	May	31300	1304

Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site

Date	Time	Inspector	Meter reading (gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
06/01/04	1200	CB	234900	4,600	95,400	8.0	142.0	575	0.40			
06/03/04	1200	CB	237300	2,400	97,800	1.0	143.0	2400	1.67			
06/04/04	1200	CB	238200	900	98,700	11.0	154.0	82	0.06			
06/23/04	1200	CB	240600	2,400	101,100	19.0	173.0	126	0.09			
06/24/04	1200	CB	242300	1,700	102,800	1.0	174.0	1700	1.18			
06/25/04	1200	CB	245300	3,000	105,800	1.0	175.0	3000	2.08			
06/26/04	1200	CB	247700	2,400	108,200	1.0	176.0	2400	1.67			
06/27/04	1200	CB	250700	3,000	111,200	1.0	177.0	3000	2.08			
06/28/04	1200	CB	250900	200	111,400	1.0	178.0	200	0.14	June	20600	589
07/04/04	1200	CB	253300	2,400	113,800	6.0	184.0	400	0.28			
07/06/04	1200	CB	259600	6,300	120,100	2.0	186.0	3150	2.19			
07/11/04	1200	CB	265900	6,300	126,400	5.0	191.0	1260	0.88			
07/13/04	1200	CB	268600	2,700	129,100	2.0	193.0	1350	0.94			
07/16/04	1200	CB	276400	7,800	136,900	3.0	196.0	2600	1.81			
07/21/04	1200	CB	278100	1,700	138,600	5.0	201.0	340	0.24			
07/24/04	1200	CB	286300	8,200	146,800	3.0	204.0	2733	1.90			
07/26/04	1200	CB	289700	3,400	150,200	2.0	206.0	1700	1.18			
07/28/04	1200	CB	292800	3,100	153,300	2.0	208.0	1550	1.08			
07/31/04	1200	CB	301000	8,200	161,500	3.0	211.0	2733	1.90	July	50100	1518
08/02/04	1200	CB	304700	3,700	165,200	2.0	213.0	1850	1.28			
08/05/04	1200	CB	309900	5,200	170,400	3.0	216.0	1733	1.20			
08/09/04	1200	CB	314600	4,700	175,100	4.0	220.0	1175	0.82			
08/12/04	1200	CB	316600	2,000	177,100	3.0	223.0	667	0.46			
08/14/04	1200	CB	317700	1,100	178,200	2.0	225.0	550	0.38			
08/17/04	1200	CB	319200	1,500	179,700	3.0	228.0	500	0.35	August	18200	1071
09/13/04	1200	CB	323900	4,700	184,400	27.0	255.0	174	0.12			
09/16/04	1200	CB	327900	4,000	188,400	3.0	258.0	1333	0.93			
09/19/04	1200	CB	334800	6,900	195,300	3.0	261.0	2300	1.60			
09/23/04	1200	CB	340900	6,100	201,400	4.0	265.0	1525	1.06			
09/26/04	1200	CB	346300	5,400	206,800	3.0	268.0	1800	1.25			
09/30/04	1200	CB	354400	8,100	214,900	4.0	272.0	2025	1.41	September	35200	800
10/03/04	1200	CB	354700	300	215,200	3.0	275.0	100	0.07			
10/06/04	1200	CB	357200	2,500	217,700	3.0	278.0	833	0.58			
10/09/04	1200	CB	363900	6,700	224,400	3.0	281.0	2233	1.55			
10/13/04	1200	CB	367100	3,200	227,600	4.0	285.0	800	0.56			
10/17/04	1200	CB	367500	400	228,000	4.0	289.0	100	0.07			
10/20/04	1200	CB	377600	10,100	238,100	3.0	292.0	3367	2.34			
10/27/04	1200	CB	385000	7,400	245,500	7.0	299.0	1057	0.73			
11/07/04	1200	CB	387500	2,500	248,000	11.0	310.0	227	0.16			
11/14/04	1200	CB	390600	3,100	251,100	7.0	317.0	443	0.31			
11/16/04	1200	CB	391000	400	251,500	2.0	319.0	200	0.14			
11/30/04	1200	CB	391000	0	251,500	14.0	333.0	0	0.00	November	36600	600

Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site

Date	Time	Inspector	Meter reading (gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
03/08/05	1200	CB	391700	700	252,200	98.0	431.0	7	0.00			
03/14/05	1200	CB	405200	13,500	265,700	6.0	437.0	2250	1.56			
03/22/05	1200	CB	420600	15,400	281,100	8.0	445.0	1925	1.34			
03/24/05	1200	CB	429600	9,000	290,100	2.0	447.0	4500	3.13	March	38600	339
04/02/05	1200	CB	432600	3,000	293,100	9.0	456.0	333	0.23			
04/07/05	1200	CB	438800	6,200	299,300	5.0	461.0	1240	0.86			
04/07/05	1200	CB	7460 (a)	0	299,300	0.0	461.0	0	0.00			
04/10/05	1200	CB	16690	9,230	308,530	3.0	464.0	3077	2.14			
04/14/05	1200	CB	27580	10,890	319,420	4.0	468.0	2723	1.89			
04/27/05	1200	CB	41470	13,890	333,310	13.0	481.0	1068	0.74	April	43210	1271
05/02/05	1200	CB	56380	14,910	348,220	5.0	486.0	2982	2.07			
05/08/05	1200	CB	61640	5,260	353,480	6.0	492.0	877	0.61			
05/20/05	1200	CB	69270	7,630	361,110	12.0	504.0	636	0.44			
05/25/05	1200	CB	73550	4,280	365,390	5.0	509.0	856	0.59	May	32080	1146
06/09/05	1200	CB	75960	2,410	367,800	15.0	524.0	161	0.11			
06/14/05	1200	CB	76960	1,000	368,800	5.0	529.0	200	0.14			
06/24/05	1200	CB	78710	1,750	370,550	10.0	539.0	175	0.12			
06/27/05	1200	CB	81800	3,090	373,640	3.0	542.0	1030	0.72	June	8250	250
07/03/05	1200	CB	84900	3,100	376,740	6.0	548.0	517	0.36			
07/10/05	1200	CB	100830	15,930	392,670	7.0	555.0	2276	1.58			
07/15/05	1200	CB	111240	10,410	403,080	5.0	560.0	2082	1.45			
07/19/05	1200	CB	118110	6,870	409,950	4.0	564.0	1718	1.19			
07/26/05	1200	CB	125200	7,090	417,040	7.0	571.0	1013	0.70			
07/31/05	1200	CB	140340	15,140	432,180	5.0	576.0	3028	2.10	July	58540	1722
08/03/05	1200	CB	147630	7,290	439,470	3.0	579.0	2430	1.69			
08/09/05	1200	CB	160960	13,330	452,800	6.0	585.0	2222	1.54			
08/15/05	1200	CB	163940	2,980	455,780	6.0	591.0	497	0.34			
08/21/05	1200	CB	183950	20,010	475,790	6.0	597.0	3335	2.32			
08/29/05	1200	CB	198770	14,820	490,610	8.0	605.0	1853	1.29	August	58430	2015
10/18/05	1200	CB	200940	2,170	492,780	50.0	655.0	43	0.03			
10/24/05	1200	CB	207450	6,510	499,290	6.0	661.0	1085	0.75			
10/29/05	1200	CB	207920	470	499,760	5.0	666.0	94	0.07	October	9150	150
11/01/05	1200	CB	215990	8,070	507,830	3.0	669.0	2690	1.87			
11/05/05	1200	CB	224300	8,310	516,140	4.0	673.0	2078	1.44			
11/15/05	1200	CB	238950	14,650	530,790	10.0	683.0	1465	1.02	November	31030	1825

Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site

Date	Time	Inspector	Meter reading (gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
03/08/06	1200	CB	242550	3,600	534,390	113.0	796.0	32	0.02			
03/13/06	1200	CB	258110	15,560	549,950	5.0	801.0	3112	2.16			
03/19/06	1200	CB	272360	14,250	564,200	6.0	807.0	2375	1.65	March	33410	269
04/03/06	1200	CB	286630	14,270	578,470	15.0	822.0	951	0.66			
04/10/06	1200	CB	300710	14,080	592,550	7.0	829.0	2011	1.40			
04/17/06	1200	CB	320170	19,460	612,010	7.0	836.0	2780	1.93			
04/25/06	1200	CB	342280	22,110	634,120	8.0	844.0	2764	1.92			
04/27/06	1200	CB	343730	1,450	635,570	2.0	846.0	725	0.50	April	71370	1830
05/10/06	1200	CB	344770	1,040	636,610	13.0	859.0	80	0.06			
05/15/06	1200	CB	356320	11,550	648,160	5.0	864.0	2310	1.60			
05/23/06	1200	CB	378110	21,790	669,950	8.0	872.0	2724	1.89			
05/29/06	1200	CB	385470	7,360	677,310	6.0	878.0	1227	0.85			
05/31/06	1200	CB	390720	5,250	682,560	2.0	880.0	2625	1.82	May	46990	1382
06/04/06	1200	CB	401580	10,860	693,420	4.0	884.0	2715	1.89			
06/08/06	1200	CB	410940	9,360	702,780	4.0	888.0	2340	1.63			
06/13/06	1200	CB	422890	11,950	714,730	5.0	893.0	2390	1.66			
06/19/06	1200	CB	434390	11,500	726,230	6.0	899.0	1917	1.33			
06/23/06	1200	CB	440610	6,220	732,450	4.0	903.0	1555	1.08			
06/30/06	1200	CB	453340	12,730	745,180	7.0	910.0	1819	1.26	June	62620	2087
07/03/06	1200	CB	455180	1,840	747,020	3.0	913.0	613	0.43			
07/10/06	1200	CB	455400	220	747,240	7.0	920.0	31	0.02			
07/17/06	1200	CB	459060	3,660	750,900	7.0	927.0	523	0.36			
07/20/06	1200	CB	464470	5,410	756,310	3.0	930.0	1803	1.25			
07/26/06	1200	CB	475010	10,540	766,850	6.0	936.0	1757	1.22			
07/31/06	1200	CB	483090	8,080	774,930	5.0	941.0	1616	1.12	July	29750	960
08/03/06	1200	CB	487910	4,820	779,750	3.0	944.0	1607	1.12			
08/08/06	1200	CB	495280	7,370	787,120	5.0	949.0	1474	1.02			
08/14/06	1200	CB	503030	7,750	794,870	6.0	955.0	1292	0.90			
08/22/06	1200	CB	504340	1,310	796,180	8.0	963.0	164	0.11			
08/31/06	1200	CB	506140	1,800	797,980	9.0	972.0	200	0.14	August	23050	744
09/05/06	1200	CB	512200	6,060	804,040	5.0	977.0	1212	0.84			
09/08/06	1200	CB	519420	7,220	811,260	3.0	980.0	2407	1.67			
09/13/06	1200	CB	530990	11,570	822,830	5.0	985.0	2314	1.61			
09/24/06	1200	CB	536610	5,620	828,450	11.0	996.0	511	0.35			
10/01/06	1200	CB	551070	14,460	842,910	7.0	1003.0	2066	1.43	September	44930	1449
10/11/06	1200	CB	566080	15,010	857,920	10.0	1013.0	1501	1.04			
10/17/06	1200	CB	570470	4,390	862,310	6.0	1019.0	732	0.51			
10/23/06	1200	CB	581710	11,240	873,550	6.0	1025.0	1873	1.30			
10/30/06	1200	CB	594160	12,450	886,000	7.0	1032.0	1779	1.24	October	43090	1486
11/03/06	1200	CB	601330	7,170	893,170	4.0	1036.0	1793	1.24			
11/08/06	1200	CB	611850	10,520	903,690	5.0	1041.0	2104	1.46			
11/15/06	1200	CB	622970	11,120	914,810	7.0	1048.0	1589	1.10	November	28810	1801

Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site

Date	Time	Inspector	Meter reading (gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
04/12/07	1200	CB	623030	60	914,870	148.0	1196.0	0	0.00			
04/15/07	1200	CB	623890	860	915,730	3.0	1199.0	287	0.20			
04/20/07	1200	CB	629130	5,240	920,970	5.0	1204.0	1048	0.73			
04/24/07	1200	CB	632590	3,460	924,430	4.0	1208.0	865	0.60			
05/02/07	1200	CB	639700	7,110	931,540	8.0	1216.0	889	0.62	April	16730	100
05/05/07	1200	CB	641220	1,520	933,060	3.0	1219.0	507	0.35			
05/07/07	1200	CB	641370	150	933,210	2.0	1221.0	75	0.05			
05/09/07	1200	CB	641390	20	933,230	2.0	1223.0	10	0.01			
05/29/07	1200	CB	648620	7,230	940,460	20.0	1243.0	362	0.25			
05/30/07	1200	CB	650280	1,660	942,120	1.0	1244.0	1660	1.15	May	10580	378
06/05/07	1200	CB	665000	14,720	956,840	6.0	1250.0	2453	1.70			
06/13/07	1200	CB	674520	9,520	966,360	8.0	1258.0	1190	0.83			
06/18/07	1200	CB	675100	580	966,940	5.0	1263.0	116	0.08			
06/21/07	1200	CB	675110	10	966,950	3.0	1266.0	3	0.00	June	24830	1129
07/17/07	1200	CB	675680	570	967,520	26.0	1292.0	22	0.02			
07/24/07	1200	CB	682700	7,020	974,540	7.0	1299.0	1003	0.70			
07/31/07	1200	CB	689370	6,670	981,210	7.0	1306.0	953	0.66	July	14260	357
08/06/07	1200	CB	693540	4,170	985,380	6.0	1312.0	695	0.48			
08/11/07	1200	CB	697230	3,690	989,070	5.0	1317.0	738	0.51			
08/16/07	1200	CB	700660	3,430	992,500	5.0	1322.0	686	0.48			
08/21/07	1200	CB	703520	2,860	995,360	5.0	1327.0	572	0.40			
08/27/07	1200	CB	713170	9,650	1,005,010	6.0	1333.0	1608	1.12	August	23800	881
05/14/08	1200	CB	713470	300	1,005,310	261.0	1594.0	1	0.00			
05/18/08	1200	CB	719200	5,730	1,011,040	4.0	1598.0	1433	0.99			
05/19/08	1200	CB	719230	30	1,011,070	1.0	1599.0	30	0.02	May	6060	23
06/18/08	1200	CB	750860	31,630	1,042,700	30.0	1629.0	1054	0.73			
06/24/08	1200	CB	767470	16,610	1,059,310	6.0	1635.0	2768	1.92			
06/30/08	1200	CB	777320	9,850	1,069,160	6.0	1641.0	1642	1.14	June	58090	1383
07/01/08	1200	CB	778860	1,540	1,070,700	1.0	1642.0	1540	1.07			
07/08/08	1200	CB	787480	8,620	1,079,320	7.0	1649.0	1231	0.86			
07/24/08	1200	CB	787500	20	1,079,340	16.0	1665.0	1	0.00			
07/26/08	1200	CB	812270	24,770	1,104,110	2.0	1667.0	12385	8.60			
07/31/08	1200	CB	814810	2,540	1,106,650	5.0	1672.0	508	0.35	July	37490	1209
08/04/08	1200	CB	814810	0	1,106,650	4.0	1676.0	0	0.00			
08/11/08	1200	CB	815390	580	1,107,230	7.0	1683.0	83	0.06			
08/17/08	1200	CB	817560	2,170	1,109,400	6.0	1689.0	362	0.25			
08/21/08	1200	CB	823150	5,590	1,114,990	4.0	1693.0	1398	0.97			
08/25/08	1200	CB	833290	10,140	1,125,130	4.0	1697.0	2535	1.76			
08/31/08	1200	CB	852270	18,980	1,144,110	6.0	1703.0	3163	2.20	August	37460	1208
09/04/08	1200	CB	868960	16,690	1,160,800	4.0	1707.0	4173	2.90			
09/06/08	1200	CB	877520	8,560	1,169,360	2.0	1709.0	4280	2.97			
09/19/08	1200	CB	880450	2,930	1,172,290	13.0	1722.0	225	0.16			
09/26/08	1200	CB	889370	8,920	1,181,210	7.0	1729.0	1274	0.88			
09/30/08	1200	CB	906070	16,700	1,197,910	4.0	1733.0	4175	2.90	September	53800	1793
10/06/08	1200	CB	930320	24,250	1,222,160	6.0	1739.0	4042	2.81			
10/15/08	1200	CB	939300	8,980	1,231,140	9.0	1748.0	998	0.69			
10/21/08	1200	CB	941950	2,650	1,233,790	6.0	1754.0	442	0.31			
10/24/08	1200	CB	943270	1,320	1,235,110	3.0	1757.0	440	0.31	October	37200	1550
11/04/08	1200	CB	943290	20	1,235,130	11.0	1768.0	2	0.00			
11/07/08	1200	CB	949020	5,730	1,240,860	3.0	1771.0	1910	1.33			
11/18/08	1200	CB	949300	280	1,241,140	11.0	1782.0	25	0.02	November	6030	241

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TWP Roswell Compressor Station Remediation Site

Date	Time	Inspector	Meter reading (gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
05/01/09	1200	CB	964480	15,180	1,256,320	164.0	1946.0	93	0.06			
05/16/09	1200	CB	976370	11,890	1,268,210	15.0	1961.0	793	0.55			
05/20/09	1200	CB	985920	9,550	1,277,760	4.0	1965.0	2388	1.66			
05/25/09	1200	CB	1003890	17,970	1,295,730	5.0	1970.0	3594	2.50			
05/29/09	1200	CB	1014750	10,860	1,306,590	4.0	1974.0	2715	1.89			
05/31/09	1200	CB	1019820	5,070	1,311,660	2.0	1976.0	2535	1.76	May	70520	364
06/04/09	1200	CB	1030720	10,900	1,322,560	4.0	1980.0	2725	1.89			
06/08/09	1200	CB	1040710	9,990	1,332,550	4.0	1984.0	2498	1.73			
06/15/09	1200	CB	1055760	15,050	1,347,600	7.0	1991.0	2150	1.49			
06/20/09	1200	CB	1064810	9,050	1,356,650	5.0	1996.0	1810	1.26			
06/25/09	1200	CB	1068440	3,630	1,360,280	5.0	2001.0	726	0.50	June	48620	1945
07/04/09	1200	CB	1074550	6,110	1,366,390	9.0	2010.0	679	0.47			
07/07/09	1200	CB	1082120	7,570	1,373,960	3.0	2013.0	2523	1.75			
07/13/09	1200	CB	1094120	12,000	1,385,960	6.0	2019.0	2000	1.39			
07/17/09	1200	CB	1098480	4,360	1,390,320	4.0	2023.0	1090	0.76			
07/21/09	1200	CB	1105500	7,020	1,397,340	4.0	2027.0	1755	1.22			
07/27/09	1200	CB	1107950	2,450	1,399,790	6.0	2033.0	408	0.28			
07/31/09	1200	CB	1110600	2,650	1,402,440	4.0	2037.0	663	0.46	July	42160	1171
08/04/09	1200	CB	1112060	1,460	1,403,900	4.0	2041.0	365	0.25			
08/10/09	1200	CB	1124810	12,750	1,416,650	6.0	2047.0	2125	1.48			
08/13/09	1200	CB	1130140	5,330	1,421,980	3.0	2050.0	1777	1.23			
08/17/09	1200	CB	1137560	7,420	1,429,400	4.0	2054.0	1855	1.29			
08/21/09	1200	CB	1145780	8,220	1,437,620	4.0	2058.0	2055	1.43			
08/28/09	1200	CB	1158470	12,690	1,450,310	7.0	2065.0	1813	1.26	August	47870	1710
09/01/09	1200	CB	1158960	490	1,450,800	4.0	2069.0	123	0.09			
09/07/09	1200	CB	1162130	3,170	1,453,970	6.0	2075.0	528	0.37			
09/14/09	1200	CB	1163840	1,710	1,455,680	7.0	2082.0	244	0.17			
09/21/09	1200	CB	1165080	1,240	1,456,920	7.0	2089.0	177	0.12			
09/25/09	1200	CB	1165680	600	1,457,520	4.0	2093.0	150	0.10			
09/30/09	1200	CB	1166290	610	1,458,130	5.0	2098.0	122	0.08	September	7820	237
10/06/09	1200	CB	1176620	10,330	1,468,460	6.0	2104.0	1722	1.20			
10/12/09	1200	CB	1177250	630	1,469,090	6.0	2110.0	105	0.07			
10/22/09	1200	CB	1180690	3,440	1,472,530	10.0	2120.0	344	0.24			
10/26/09	1200	CB	1180920	230	1,472,760	4.0	2124.0	58	0.04			
10/31/09	1200	CB	1187620	6,700	1,479,460	5.0	2129.0	1340	0.93	October	21330	688
11/05/09	1200	CB	1196570	8,950	1,488,410	5.0	2134.0	1790	1.24			
11/16/09	1200	CB	1214350	17,780	1,506,190	11.0	2145.0	1616	1.12			
11/23/09	1200	CB	1223480	9,130	1,515,320	7.0	2152.0	1304	0.91	November	35860	1559

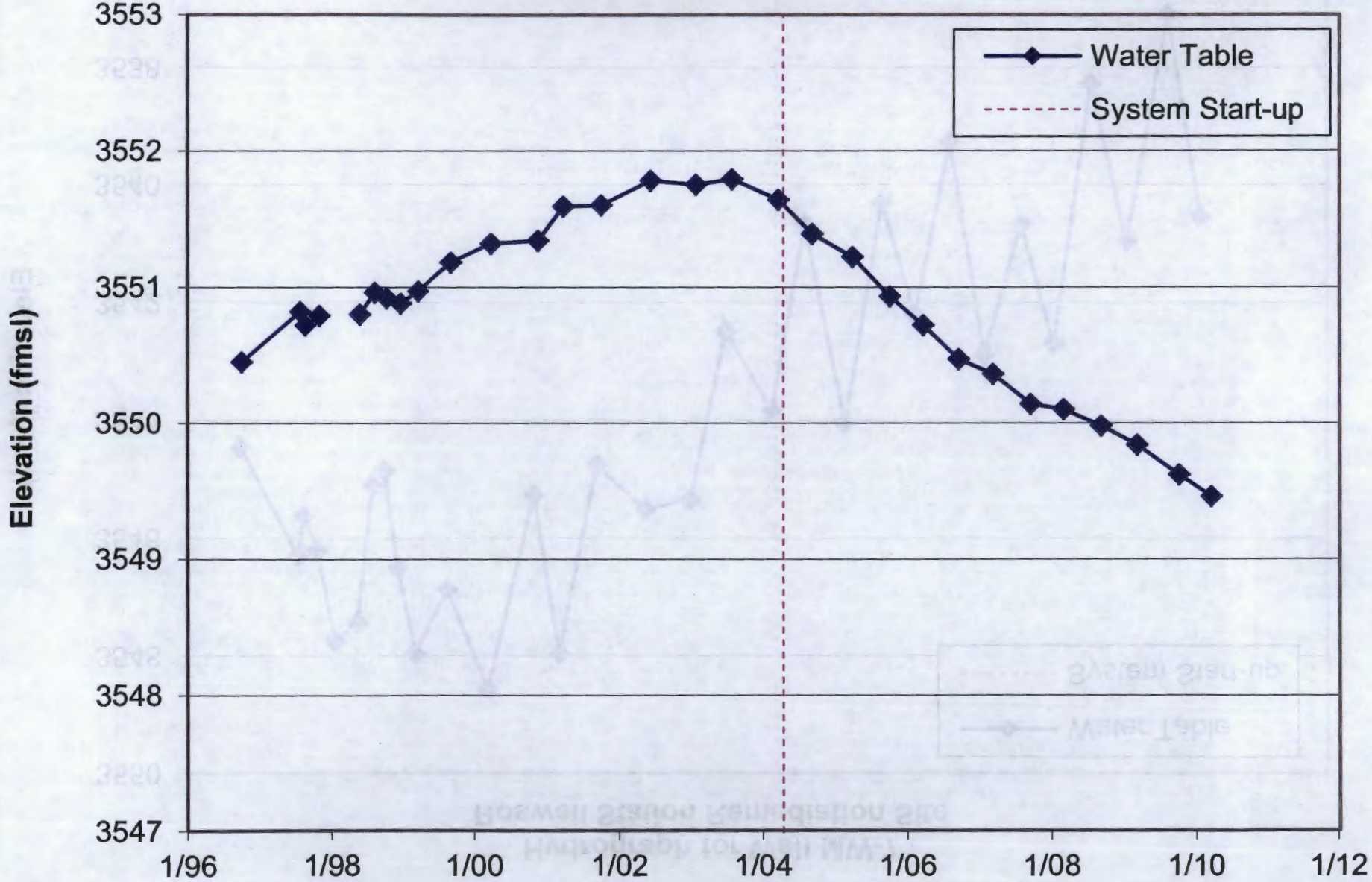
Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site

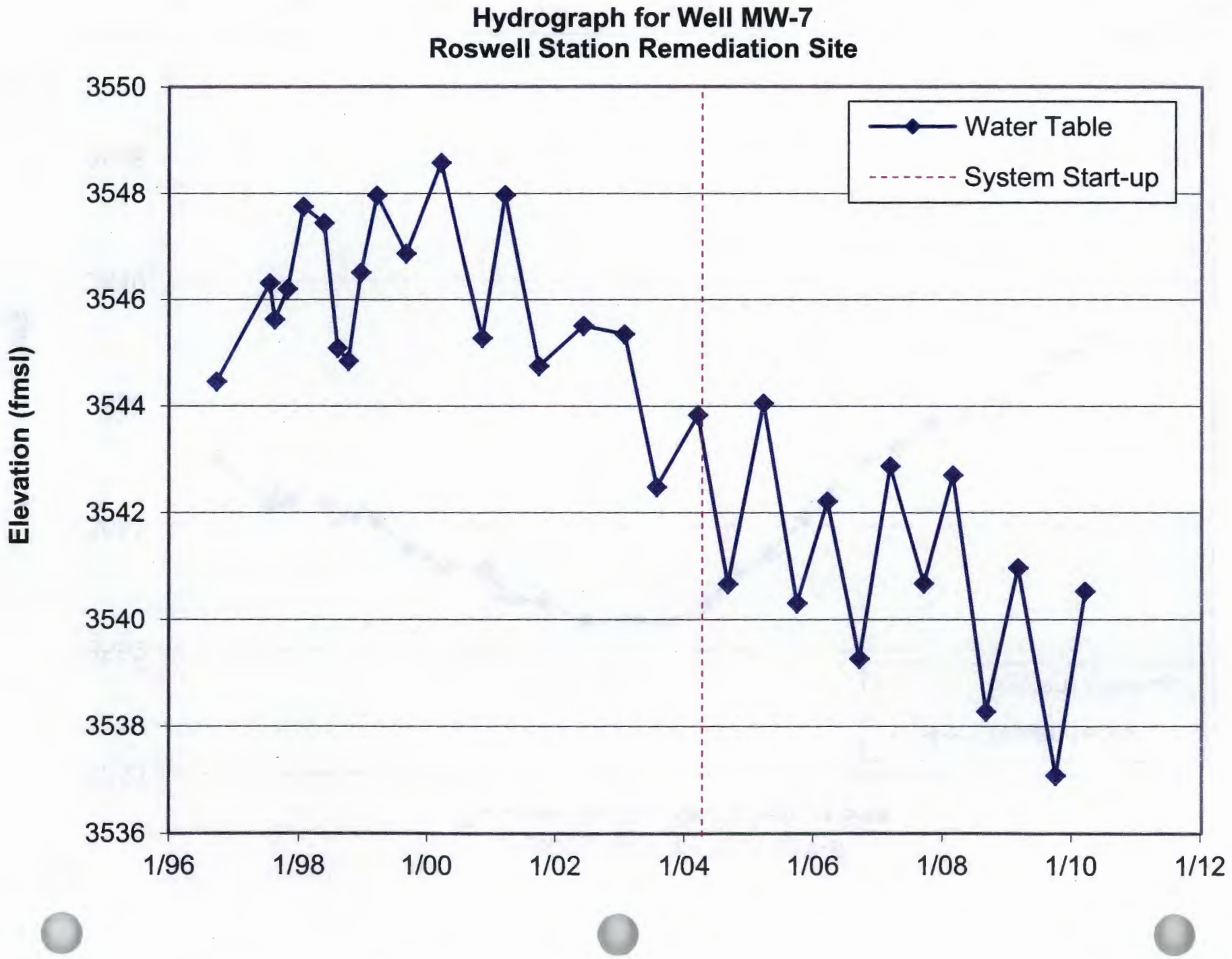
Date	Time	Inspector	Meter reading (gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
06/20/10	1200	CB	1223490	10	1,515,330	209.0	2361.0	0	0.00			
06/24/10	1200	CB	1224100	610	1,515,940	4.0	2365.0	153	0.11			
06/30/10	1200	CB	1227190	3,090	1,519,030	6.0	2371.0	515	0.36	June	3710	17
07/07/10	1200	CB	1232290	5,100	1,524,130	7.0	2378.0	729	0.51			
07/14/10	1200	CB	1235080	2,790	1,526,920	7.0	2385.0	399	0.28			
07/19/10	1200	CB	1236340	1,260	1,528,180	5.0	2390.0	252	0.18			
07/26/10	1200	CB	1242910	6,570	1,534,750	7.0	2397.0	939	0.65			
07/30/10	1200	CB	1248140	5,230	1,539,980	4.0	2401.0	1308	0.91	July	20950	698
08/05/10	1200	CB	1248520	380	1,540,360	6.0	2407.0	63	0.04			
08/10/10	1200	CB	1250320	1,800	1,542,160	5.0	2412.0	360	0.25			
08/19/10	1200	CB	1252630	2,310	1,544,470	9.0	2421.0	257	0.18			
08/23/10	1200	CB	1258090	5,460	1,549,930	4.0	2425.0	1365	0.95			
08/30/10	1200	CB	1265630	7,540	1,557,470	7.0	2432.0	1077	0.75	August	17490	564
09/06/10	1200	CB	1274270	8,640	1,566,110	7.0	2439.0	1234	0.86			
09/14/10	1200	CB	1279310	5,040	1,571,150	8.0	2447.0	630	0.44			
09/20/10	1200	CB	1286040	6,730	1,577,880	6.0	2453.0	1122	0.78			
09/21/10	1200	CB	1287050	1,010	1,578,890	1.0	2454.0	1010	0.70			
09/28/10	1200	CB	1288380	1,330	1,580,220	7.0	2461.0	190	0.13	September	22750	784
11/05/10	1200	CB	1288390	10	1,580,230	38.0	2499.0	0	0.00			
11/08/10	1200	CB	1290290	1,900	1,582,130	3.0	2502.0	633	0.44			
11/10/10	1200	CB	1292380	2,090	1,584,220	2.0	2504.0	1045	0.73	November	4000	93

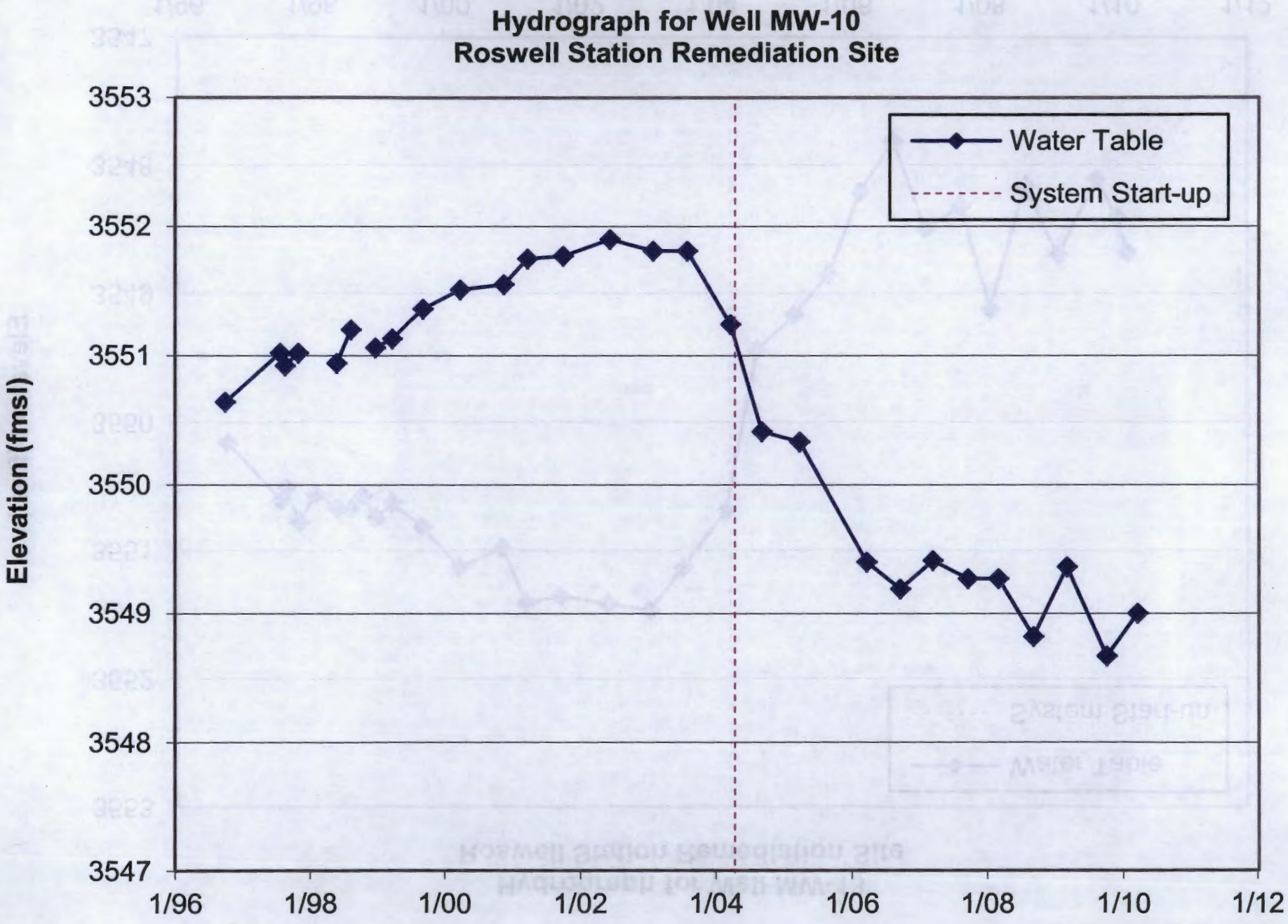
NOTES:
(a) Replaced meter on 040705 (initial reading = 7460 gallons)
Irrigated Volume (gallons) = Difference between prior meter reading and current meter reading (gallons)
Cummulative Irrigated Volume (gallons) = Cummulative sum of Irrigated Volume (gallons) calculated for all prior periods
Elapsed Time (days) = Calculated number of days from the prior date and time
Cummulative Elapsed Time (days) = Cummulative sum of Elapsed Time (days)
Average Recovery Rate (GPD) = Irrigated Volume (gallons) / Elapsed Time (days)
Average Recovery Rate (GPM) = Average Recovery Rate (GPD) / 24 (hours/day) / 60 (minutes/hour)
Reporting Month - Calender month for which the Average Irrigation Rate for Reporting Month (GPD) is calculated
Average Irrigation Rate for Reporting Month (GPD) = Cummulative Irrigated Volume (gallons) since prior Reporting Month / Cummulative Elapsed Time (days) since prior Reporting Month
NA = Dummy entry for calculations of Monthly Irrigation Volume

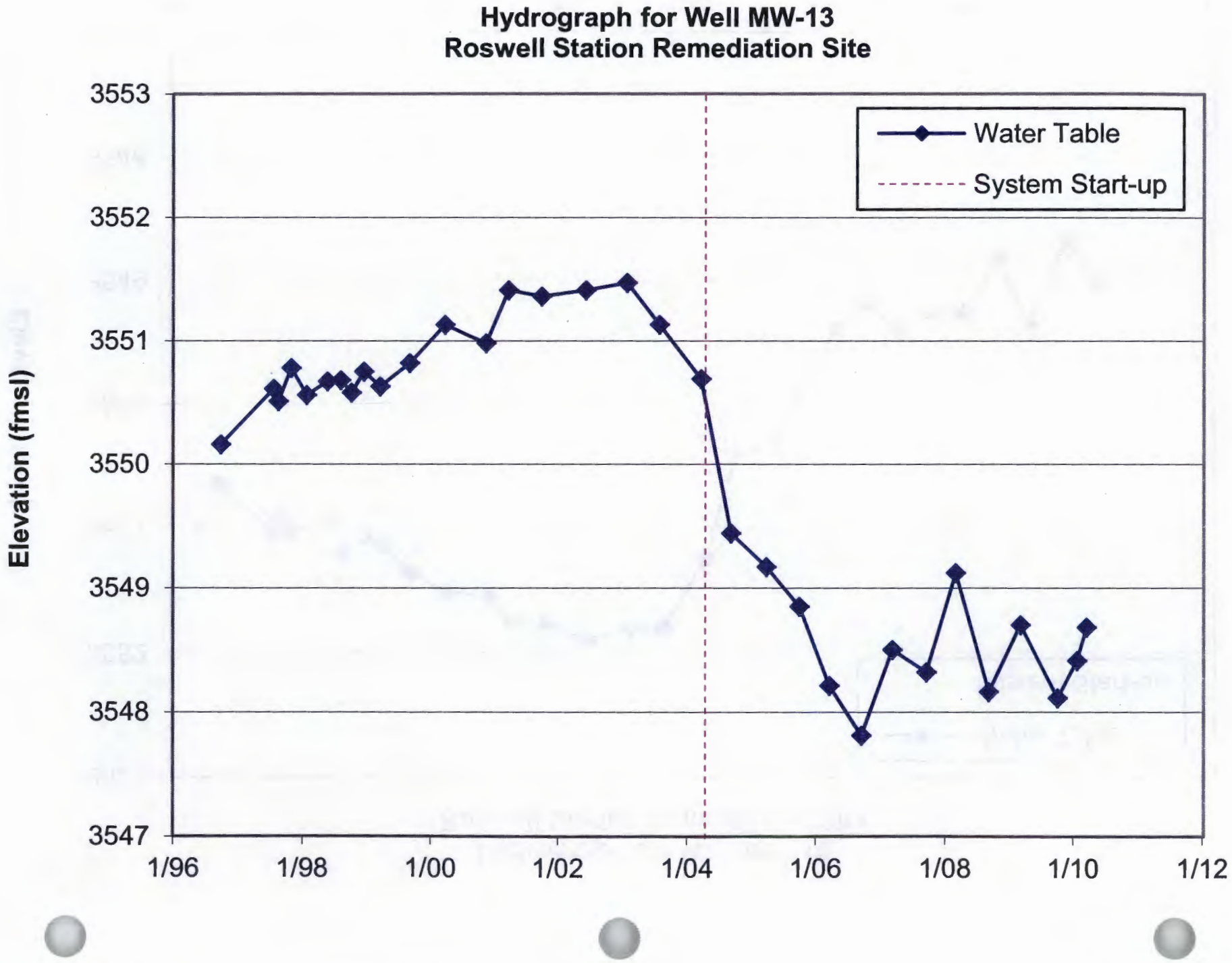
APPENDIX A

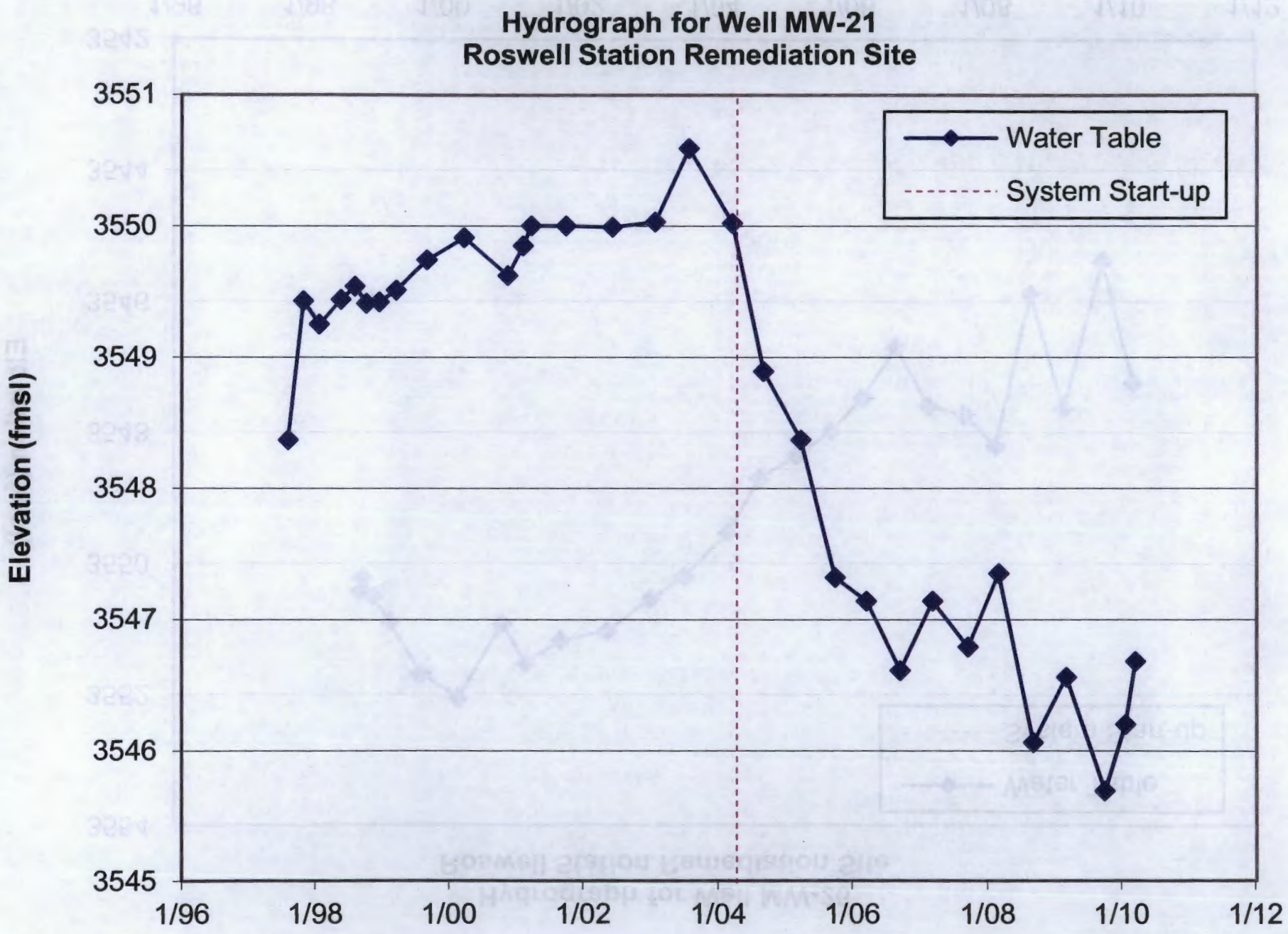
Hydrographs for Selected Monitoring Wells with No Accumulated PSH

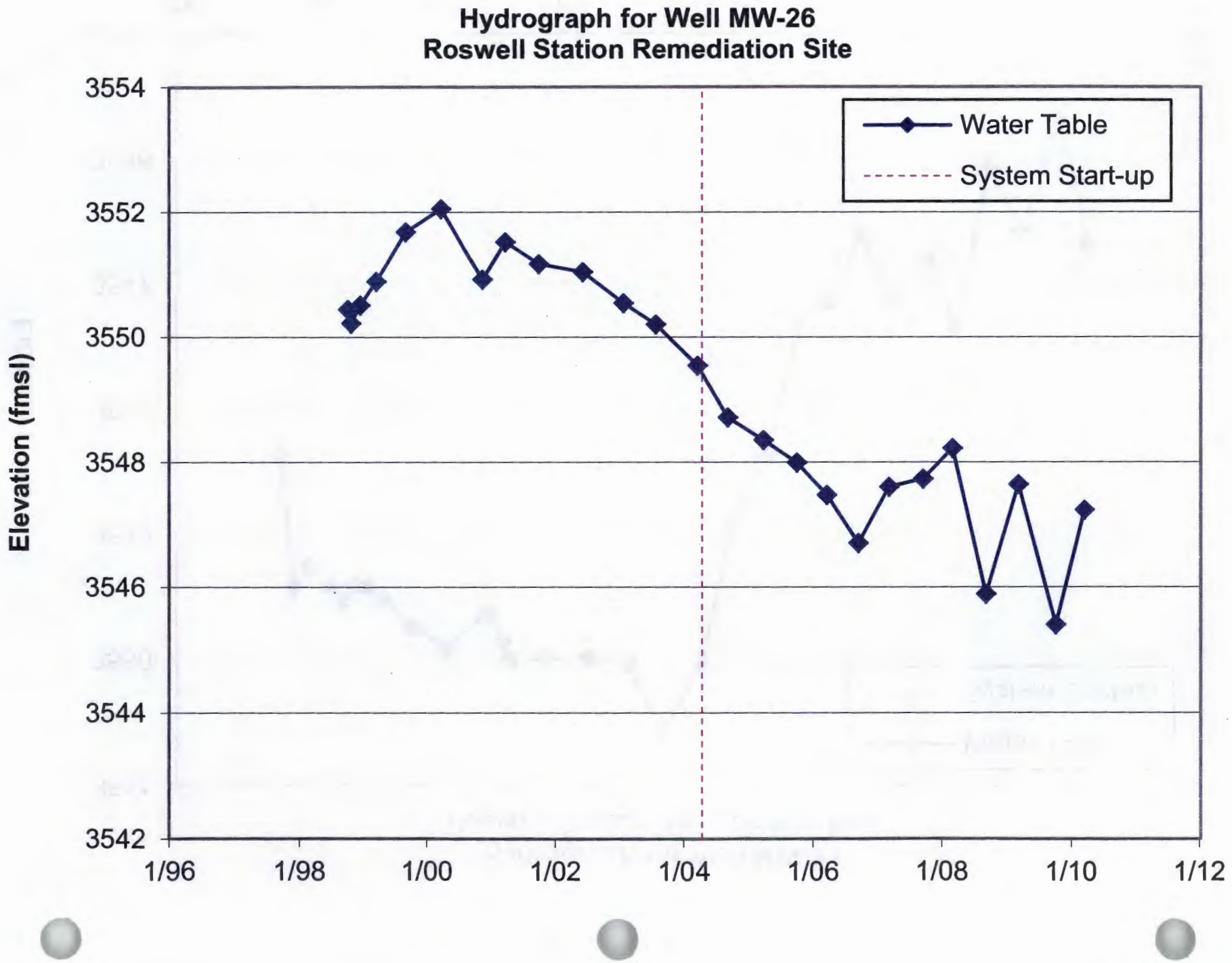

Hydrograph for Well MW-5
Roswell Station Remediation Site
Elevation (fmsl)
3553
3552
3551
3550
3549
3548
3547
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up

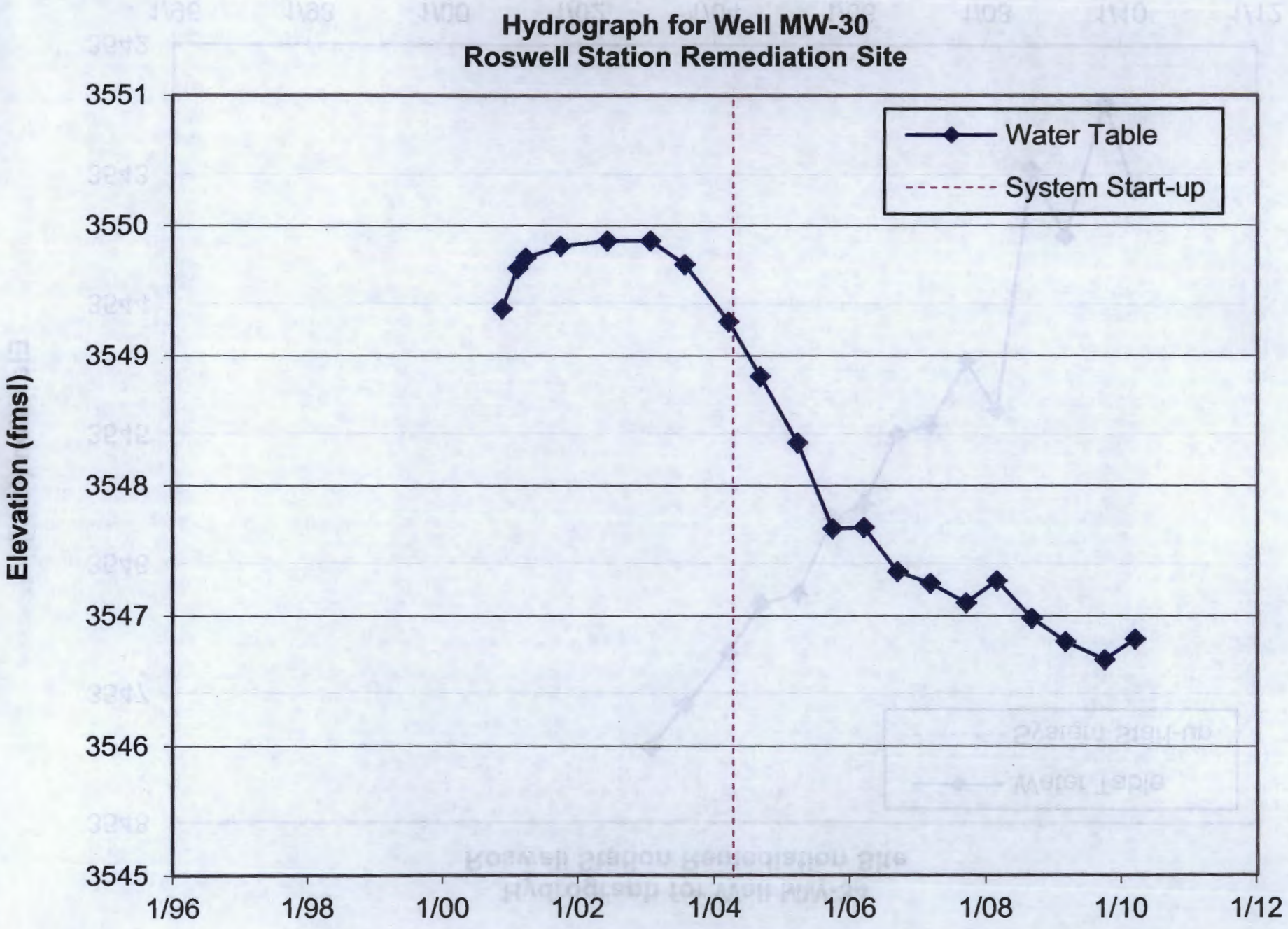

Hydrograph for Well MW-7
Roswell Station Remediation Site
Elevation (fmsl)
3550
3548
3546
3544
3542
3540
3538
3536
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up

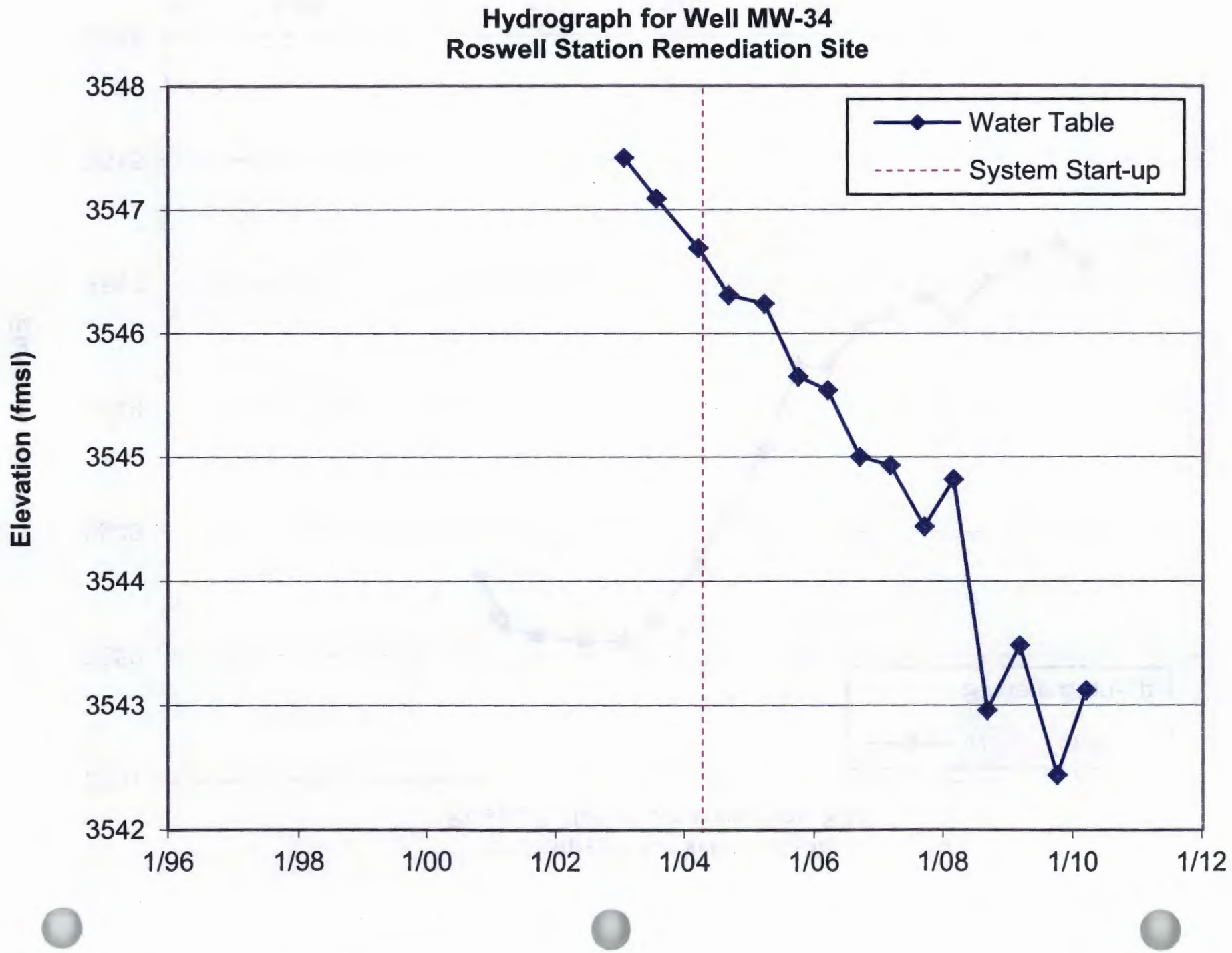

Hydrograph for Well MW-10
Roswell Station Remediation Site
Elevation (fmsl)
3553
3552
3551
3550
3549
3548
3547
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up

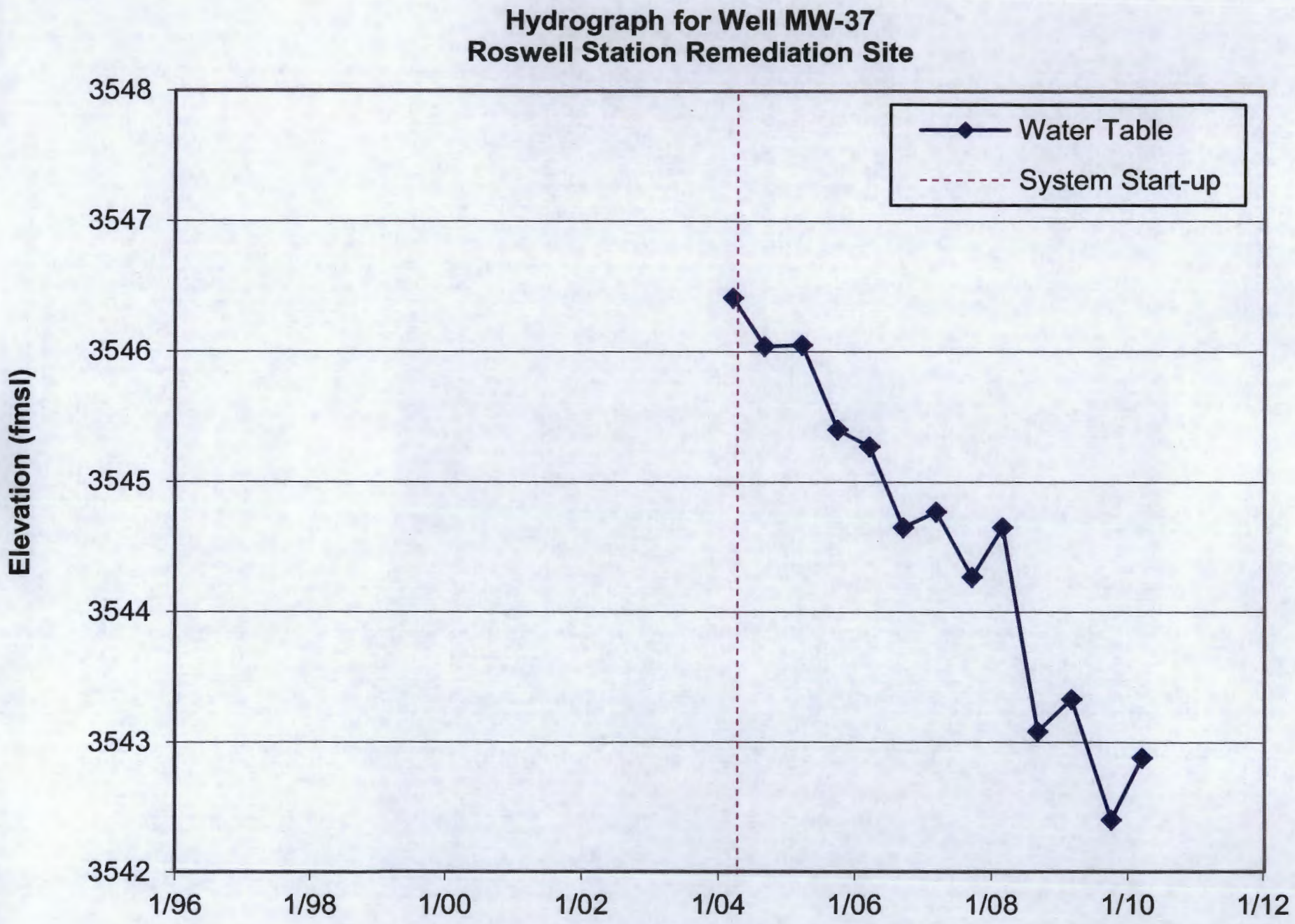

Hydrograph for Well MW-13
Roswell Station Remediation Site
Elevation (fmsl)
3553
3552
3551
3550
3549
3548
3547
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up


Hydrograph for Well MW-21
Roswell Station Remediation Site
Elevation (fmsl)
3551
3550
3549
3548
3547
3546
3545
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up


Hydrograph for Well MW-26
Roswell Station Remediation Site
Elevation (fmsl)
3554
3552
3550
3548
3546
3544
3542
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up

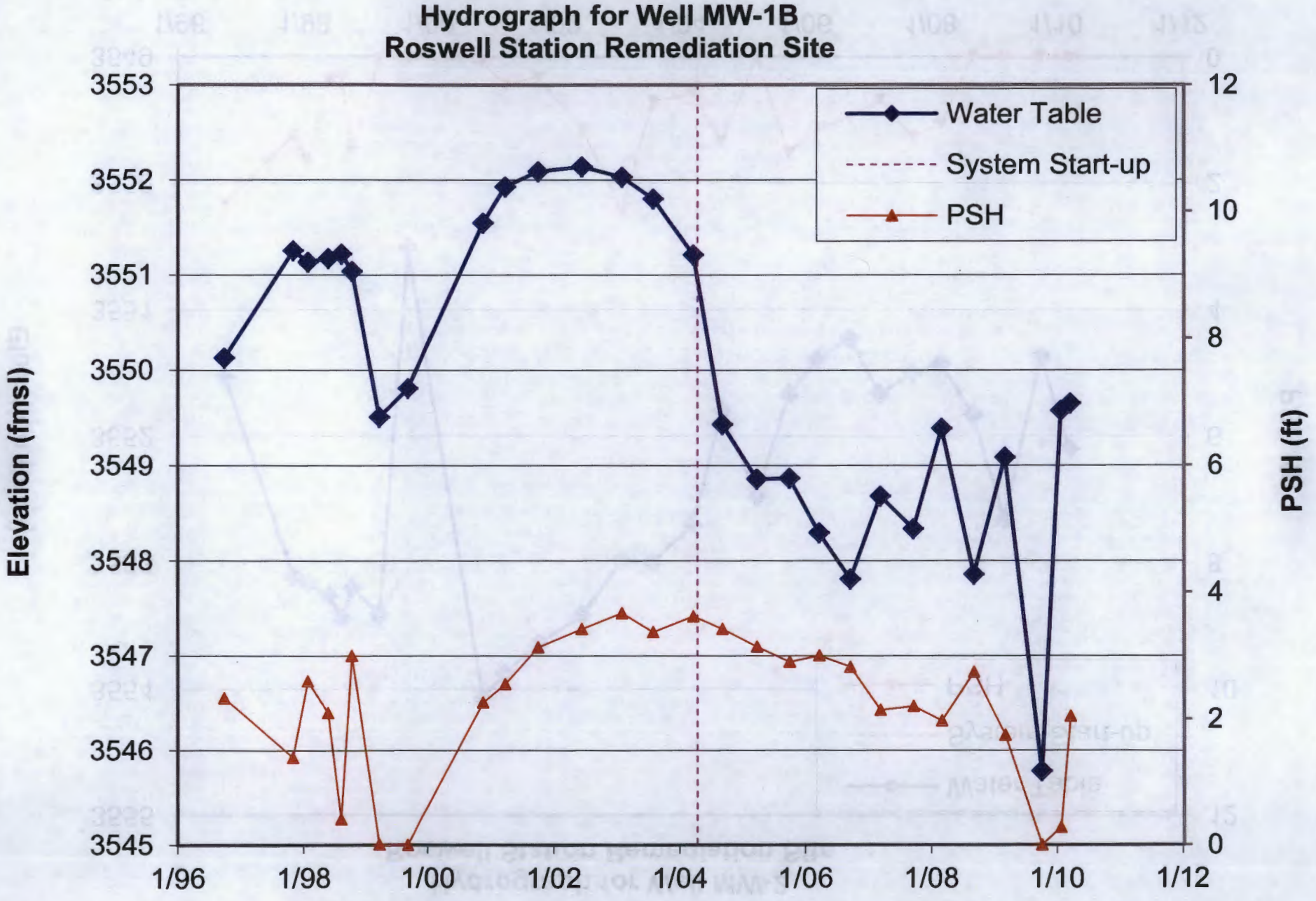

Hydrograph for Well MW-30
Roswell Station Remediation Site
Elevation (fmsl)
3551
3550
3549
3548
3547
3546
3545
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up

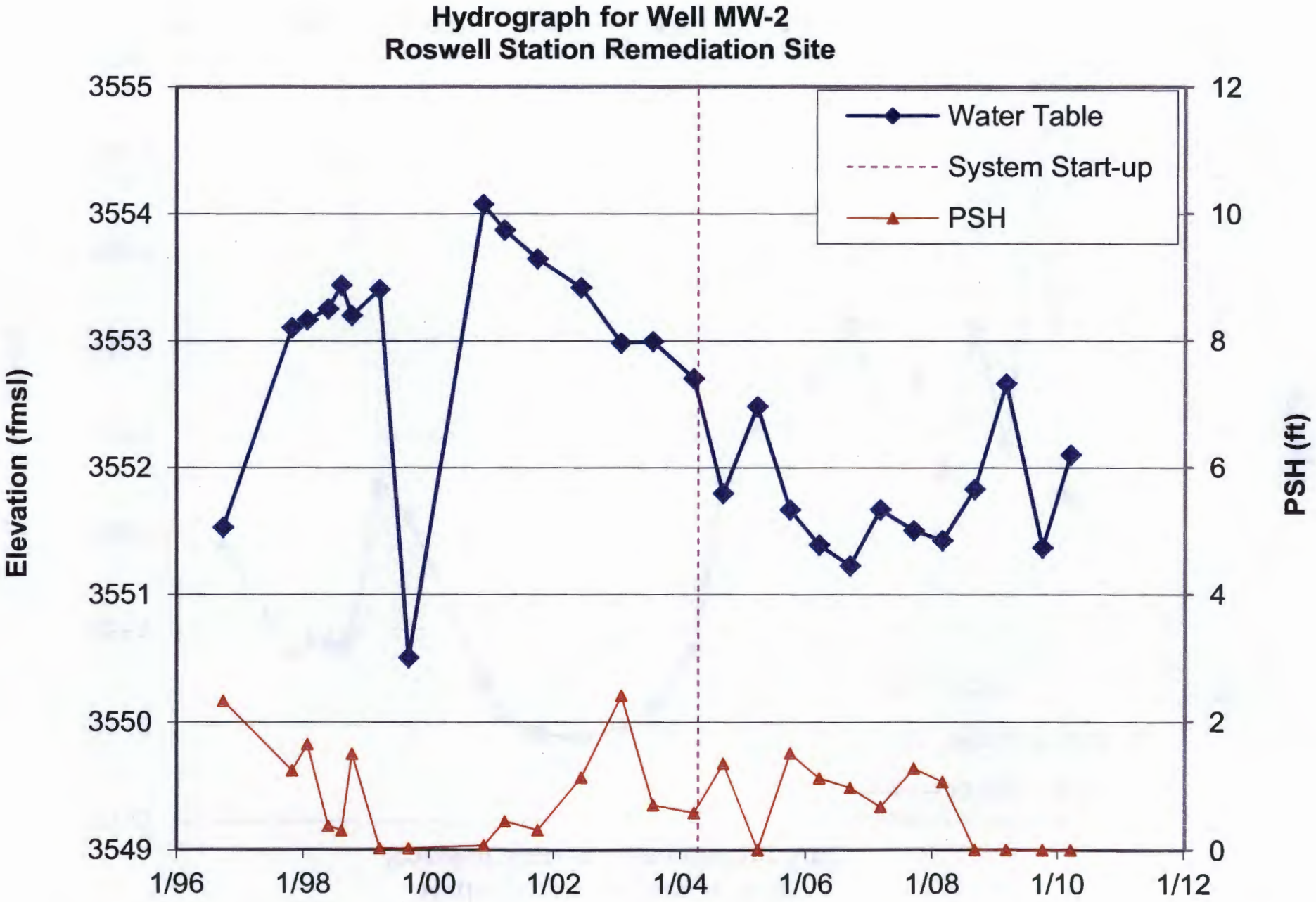

Hydrograph for Well MW-34
Roswell Station Remediation Site
Elevation (fmsl)
3548
3547
3546
3545
3544
3543
3542
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up

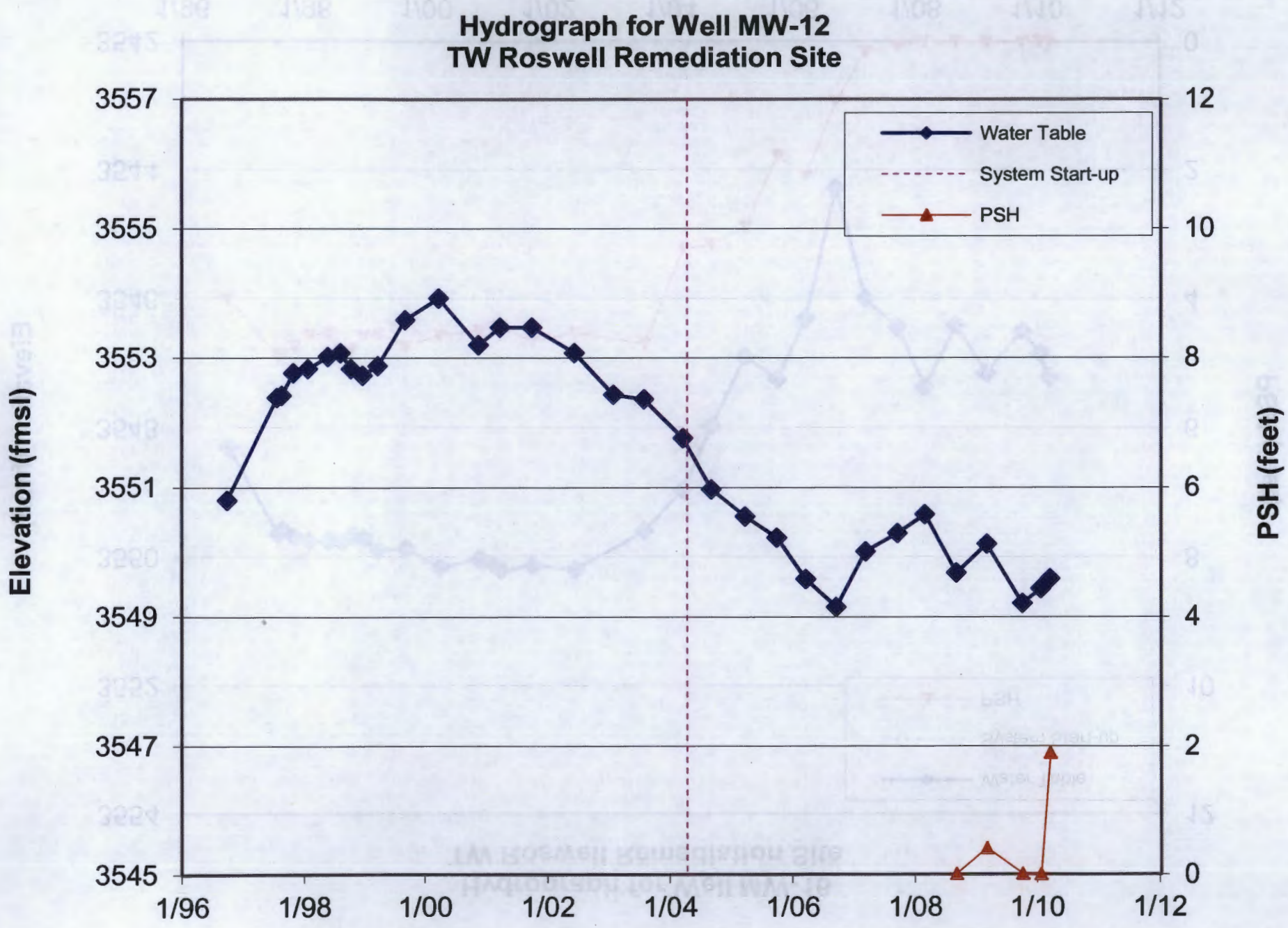

Hydrograph for Well MW-37
Roswell Station Remediation Site
Elevation (fmsl)
3548
3547
3546
3545
3544
3543
3542
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up

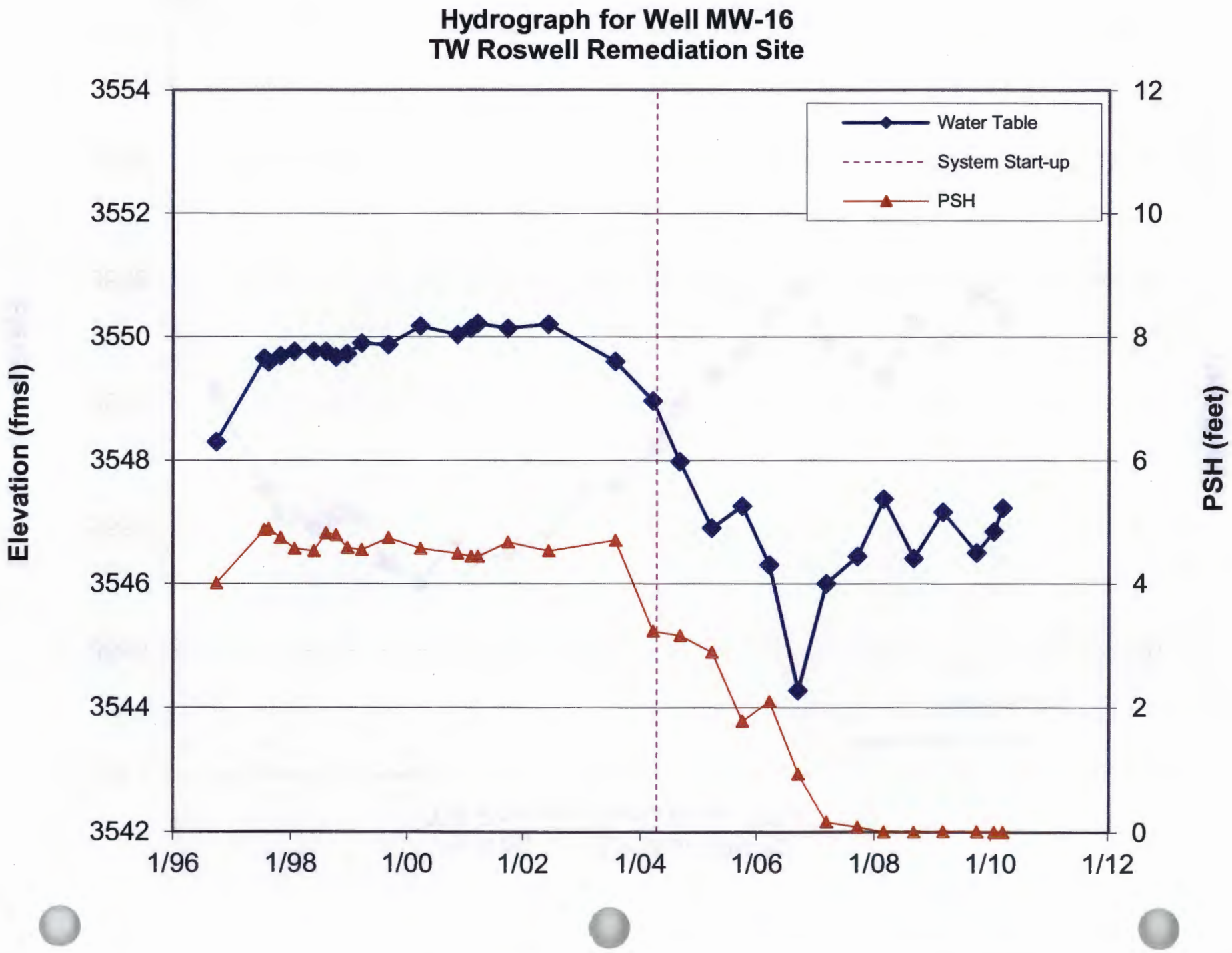
APPENDIX B

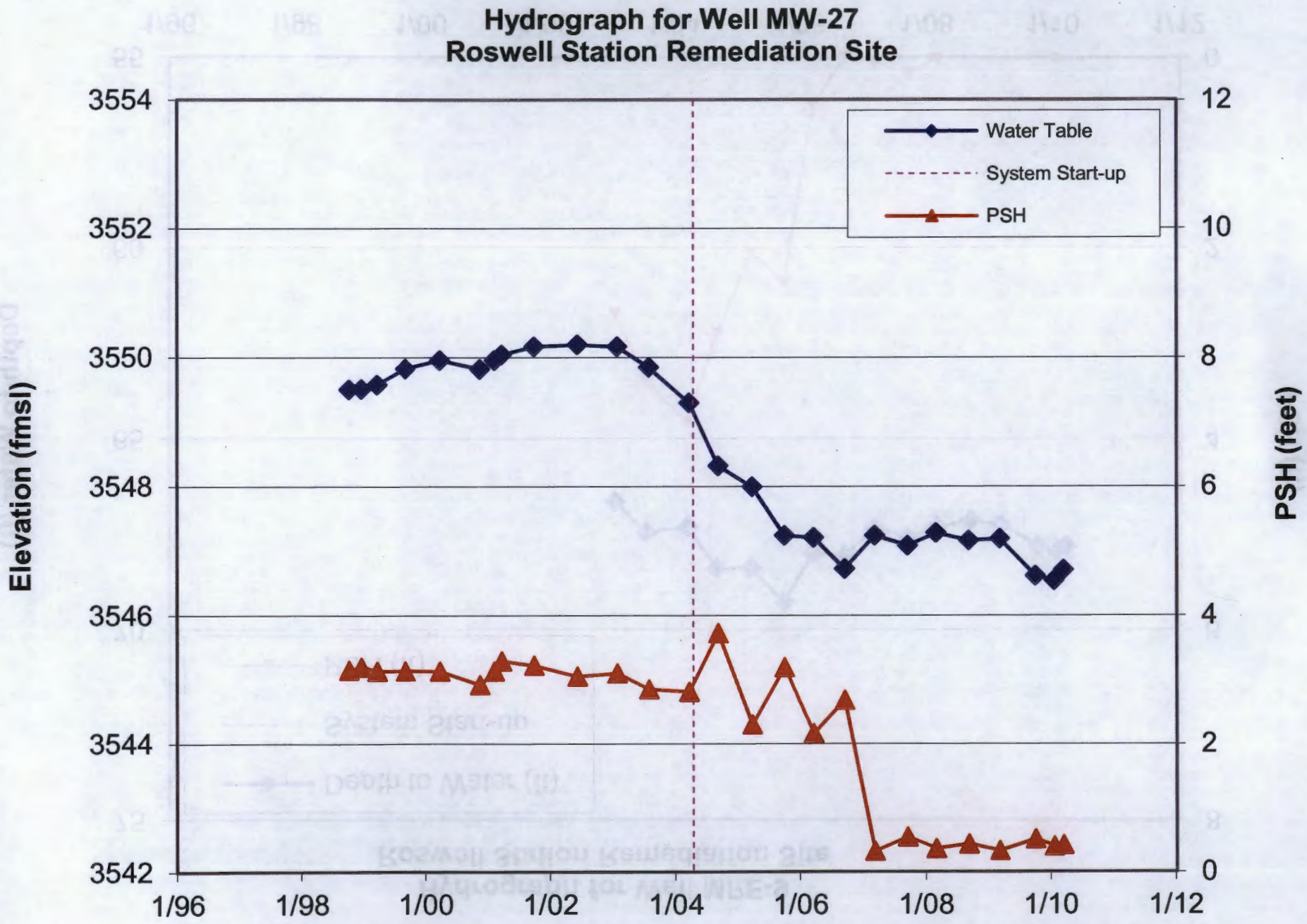
Hydrographs for Wells with Accumulated PSH

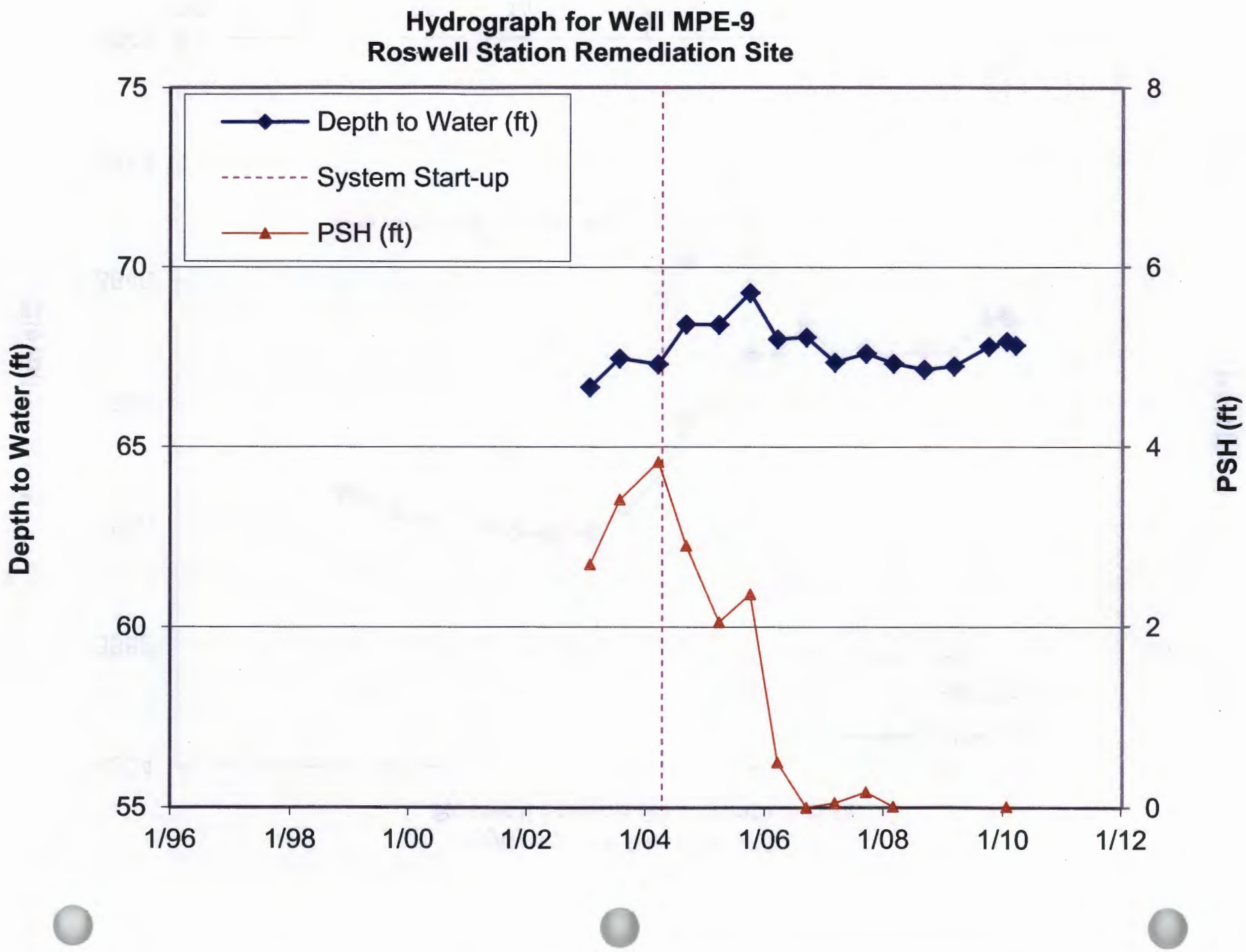

Hydrograph for Well MW-1B
Roswell Station Remediation Site
Elevation (fmsl)
PSH (ft)
Water Table
System Start-up
PSH
3553
3552
3551
3550
3549
3548
3547
3546
3545
12
10
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

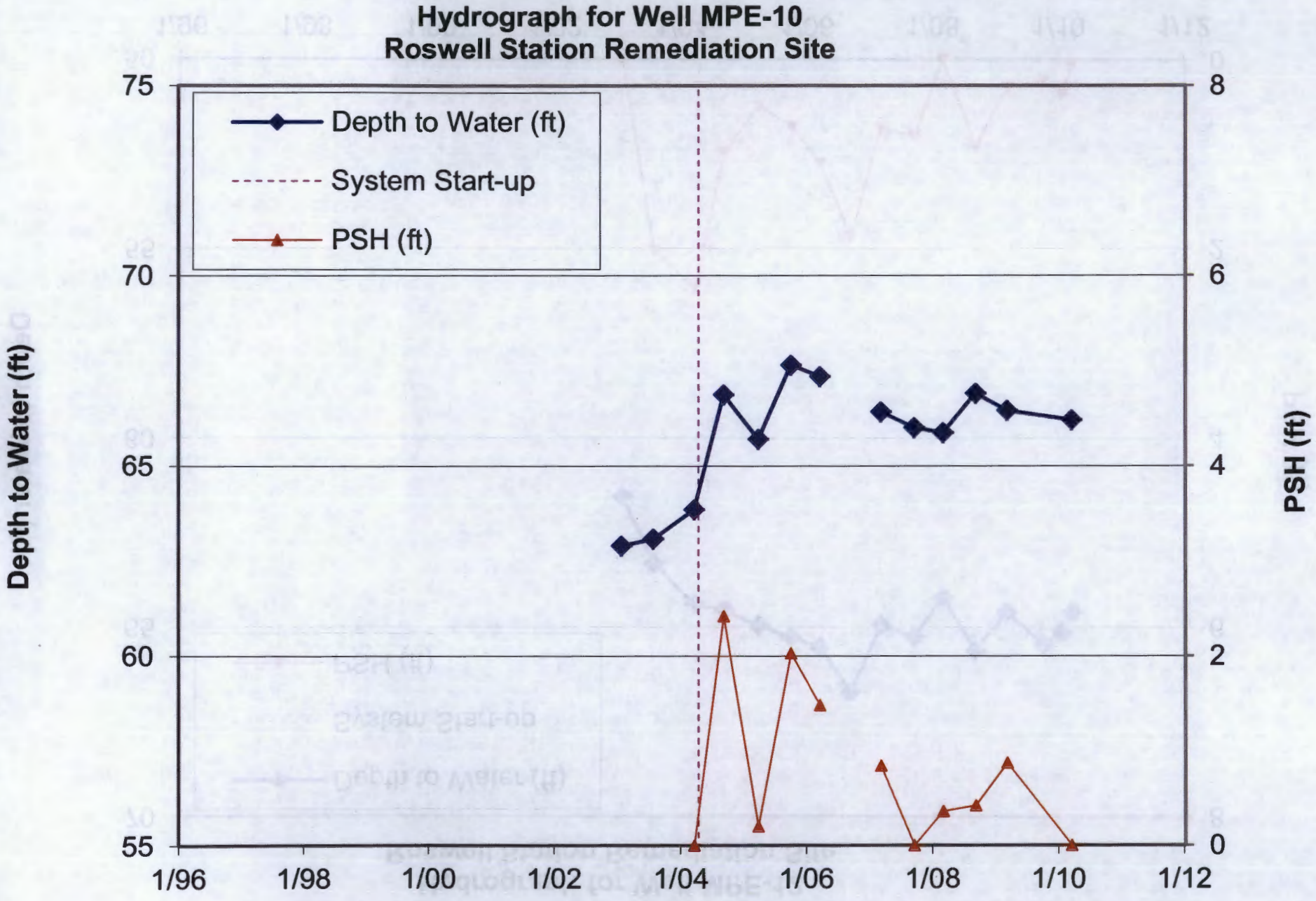

Hydrograph for Well MW-2
Roswell Station Remediation Site
Elevation (fmsl)
PSH (ft)
3555
3554
3553
3552
3551
3550
3549
12
10
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up
PSH

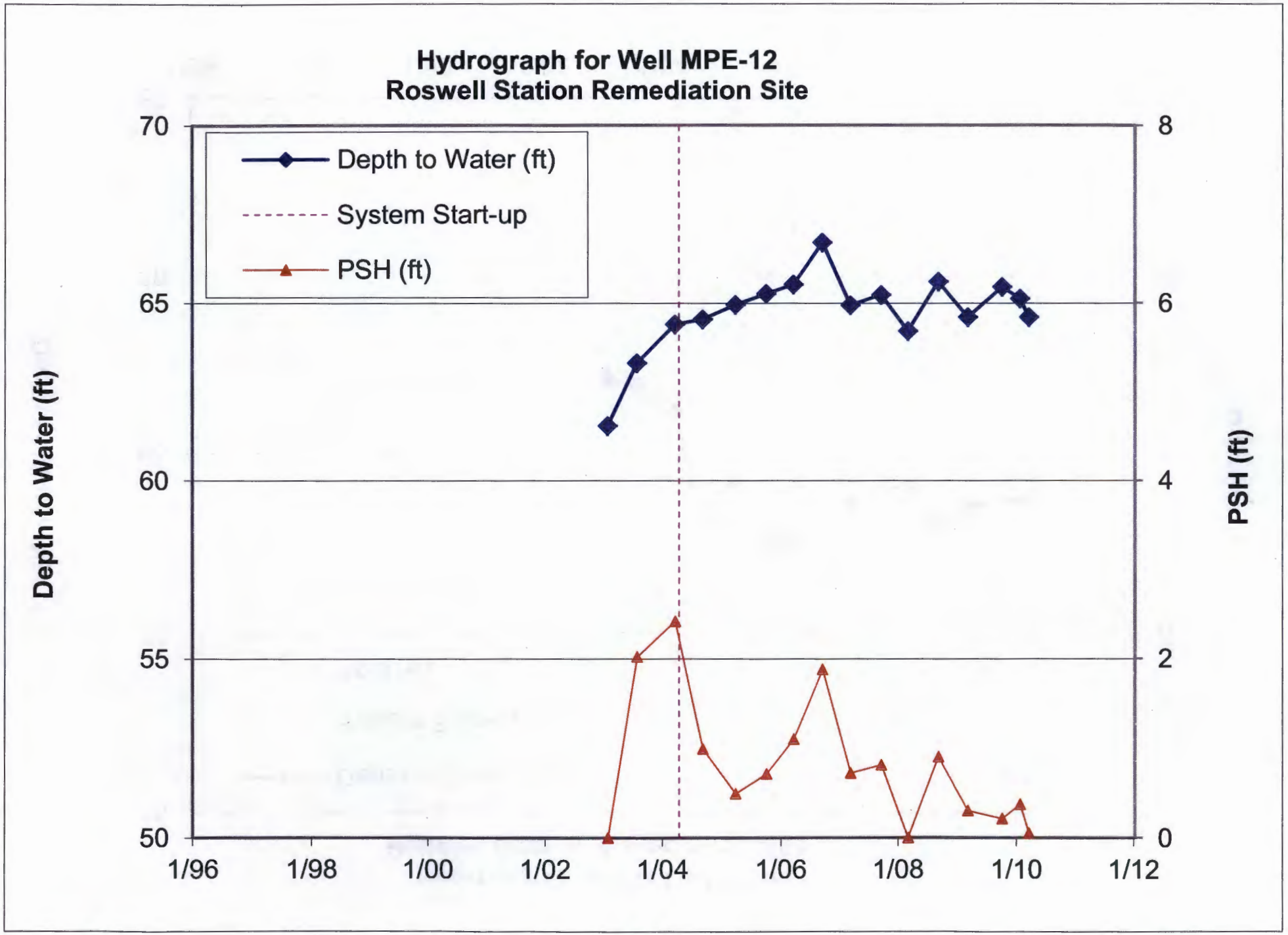

Hydrograph for Well MW-12
TW Roswell Remediation Site
Elevation (fmsl)
PSH (feet)
3557
3555
3553
3551
3549
3547
3545
12
10
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up
PSH

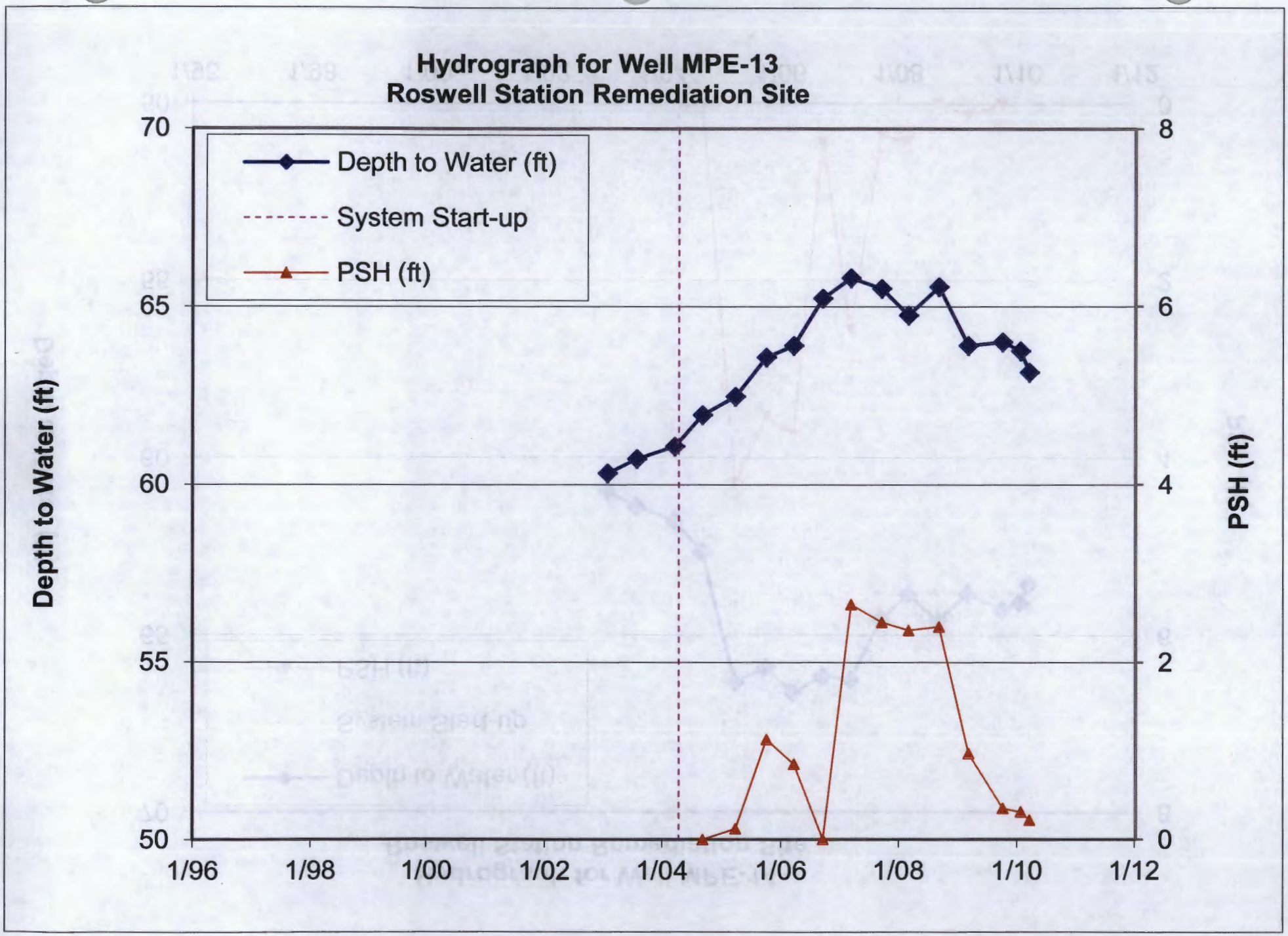

Hydrograph for Well MW-16
TW Roswell Remediation Site
Elevation (fmsl)
PSH (feet)
3554
3552
3550
3548
3546
3544
3542
12
10
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up
PSH

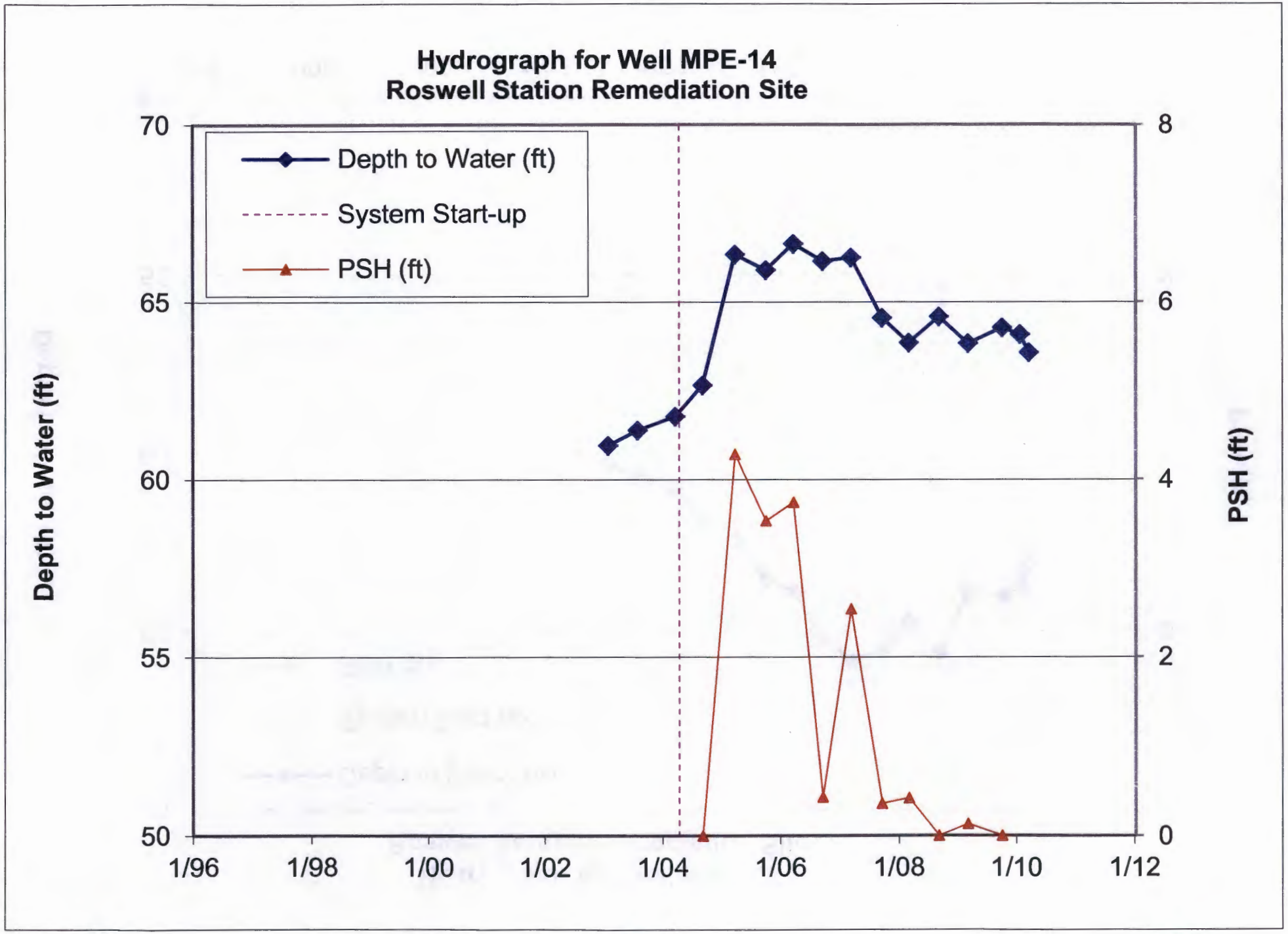

Hydrograph for Well MW-27
Roswell Station Remediation Site
Elevation (fmsl)
PSH (feet)
3554
3552
3550
3548
3546
3544
3542
12
10
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Water Table
System Start-up
PSH

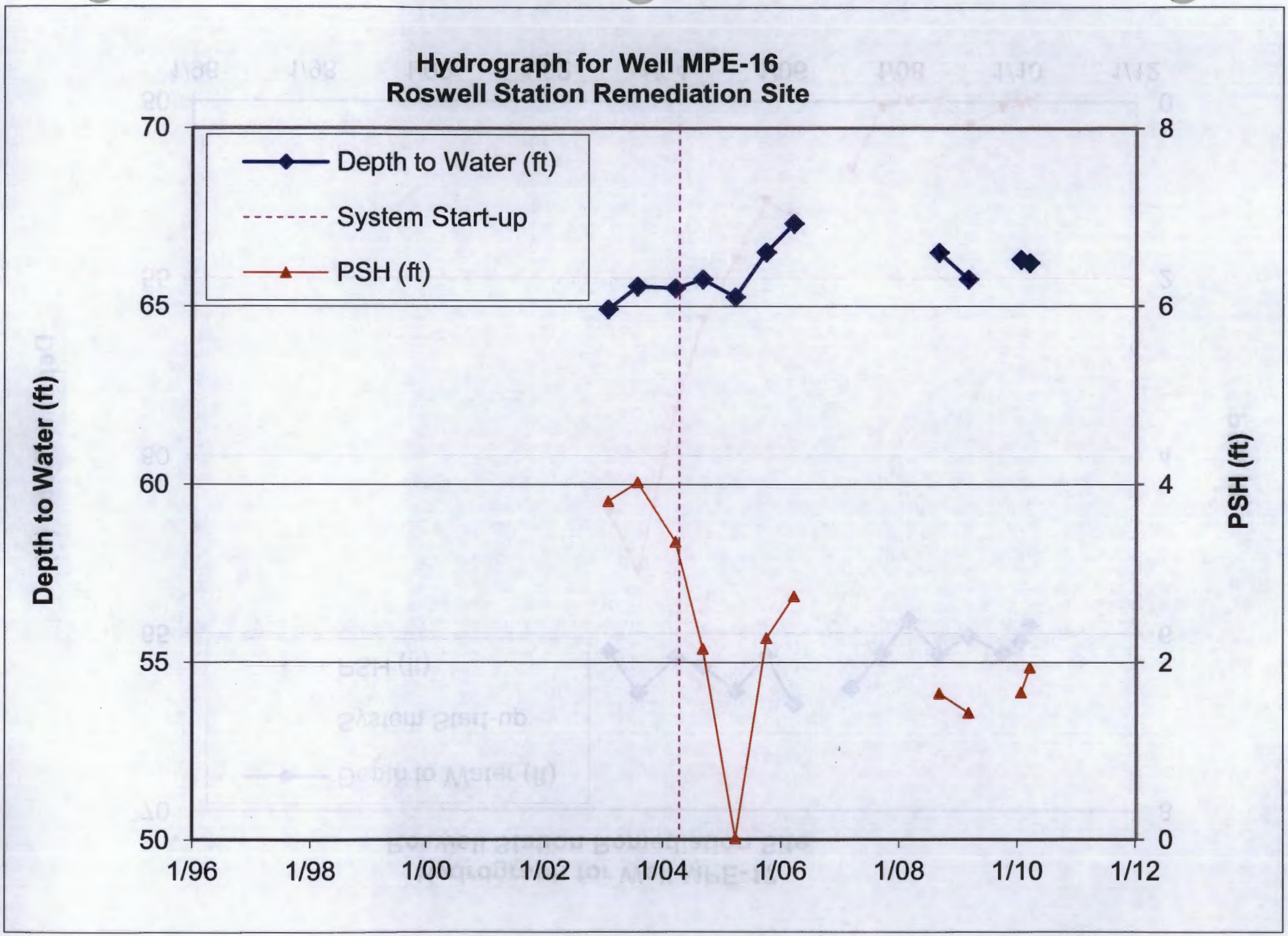

Hydrograph for Well MPE-9
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
75
70
65
60
55
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

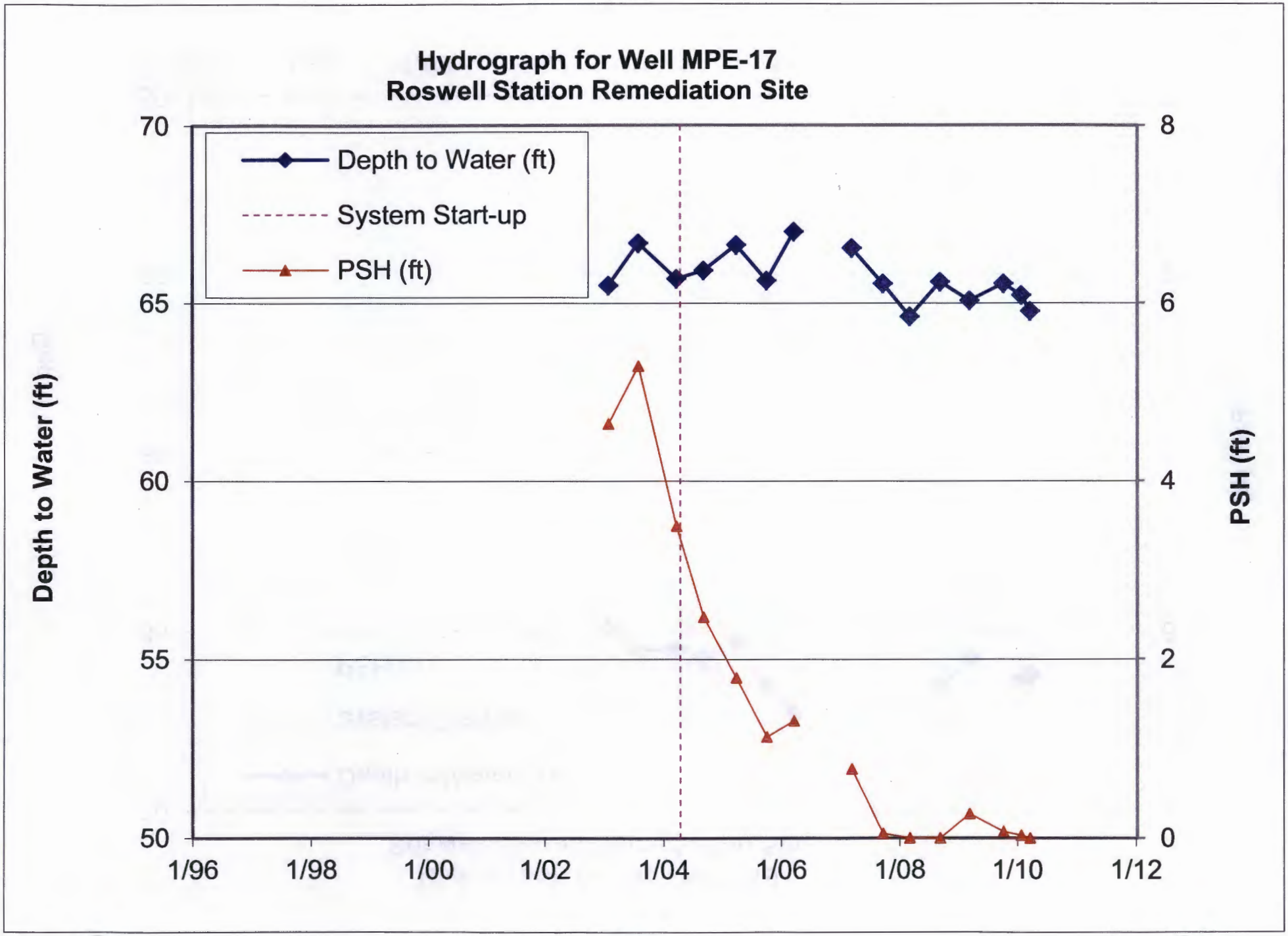

Hydrograph for Well MPE-10
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
75
70
65
60
55
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

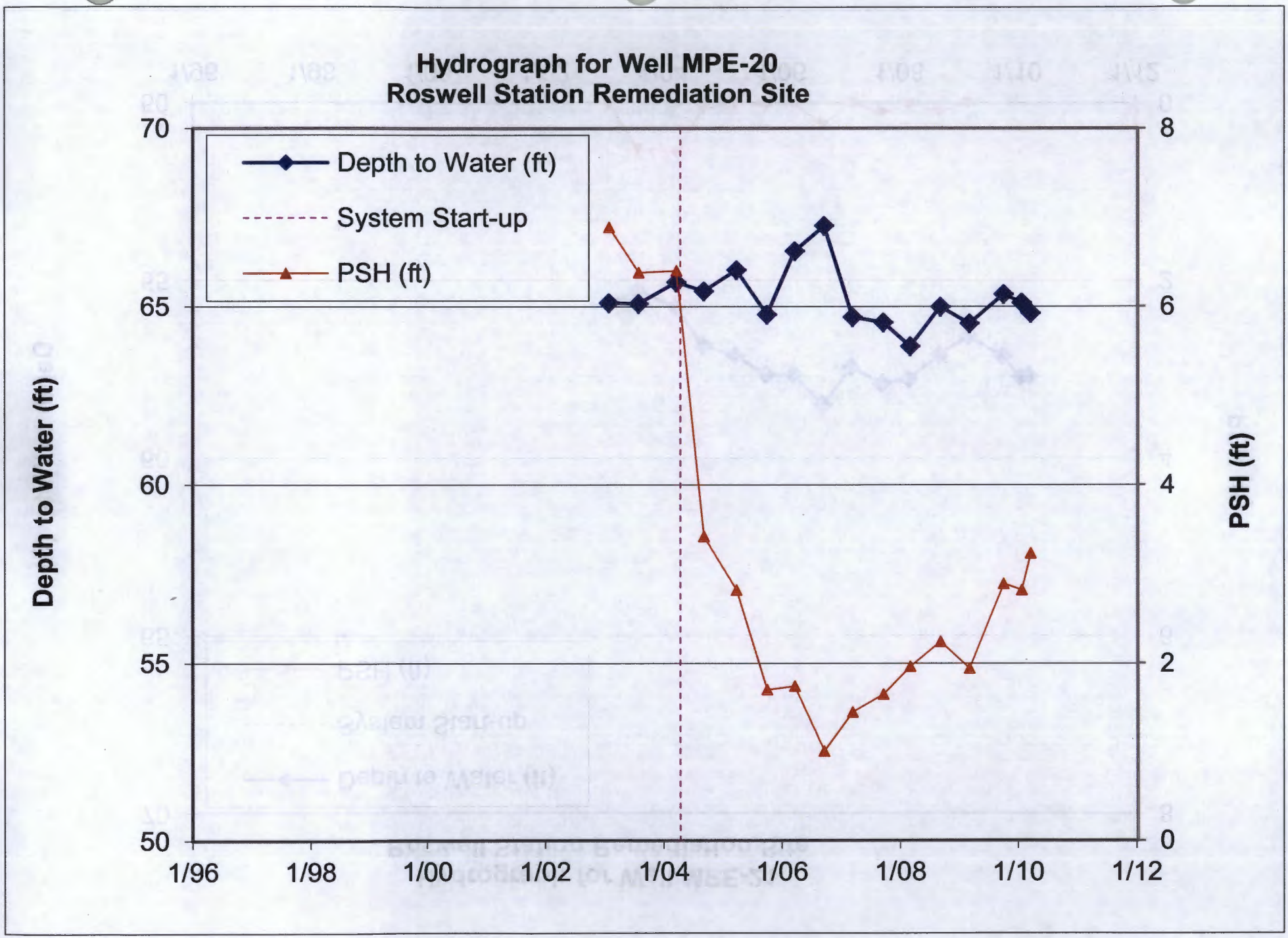

Hydrograph for Well MPE-12
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Depth to Water (ft)
PSH (ft)

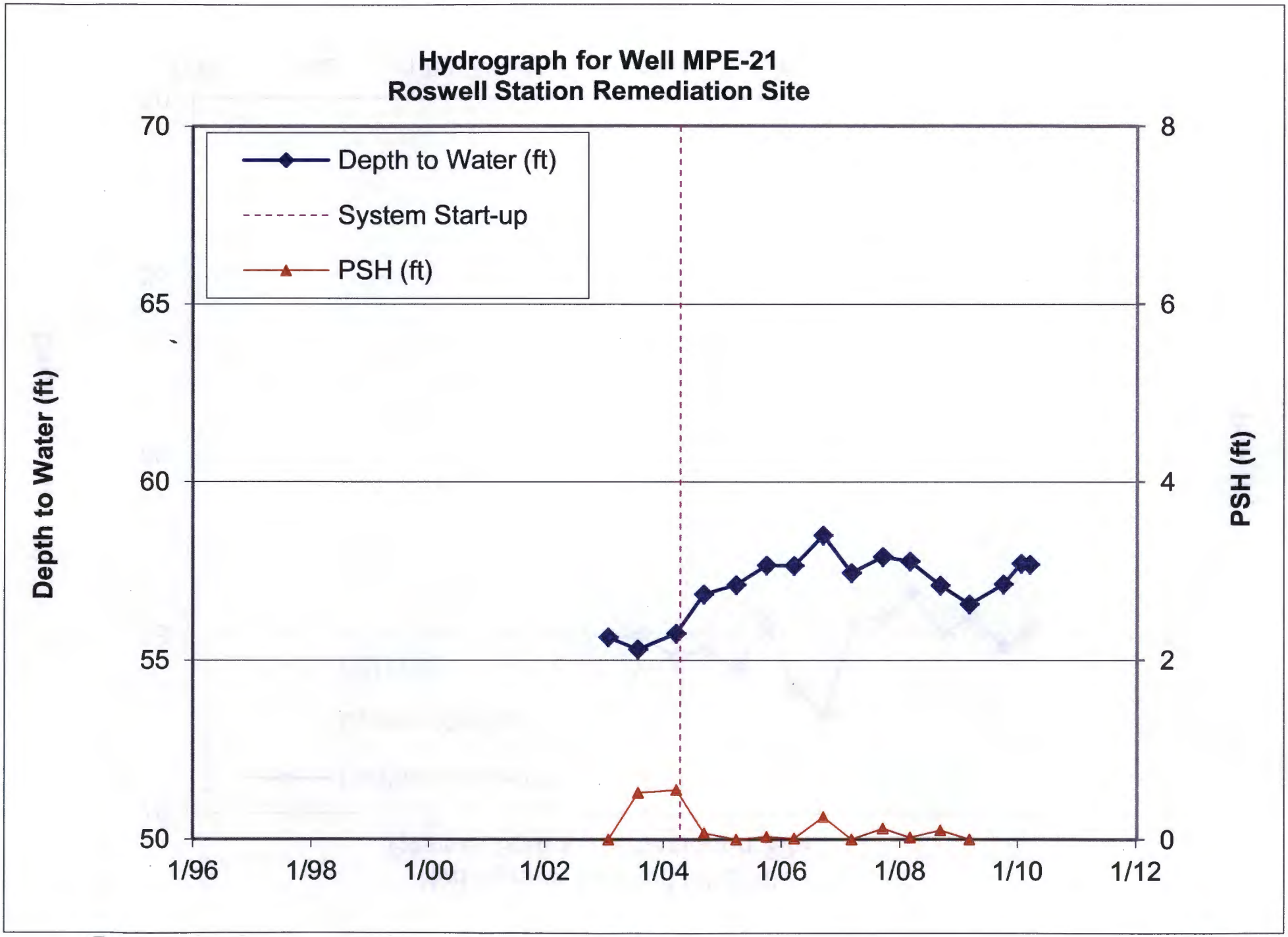

Hydrograph for Well MPE-13
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

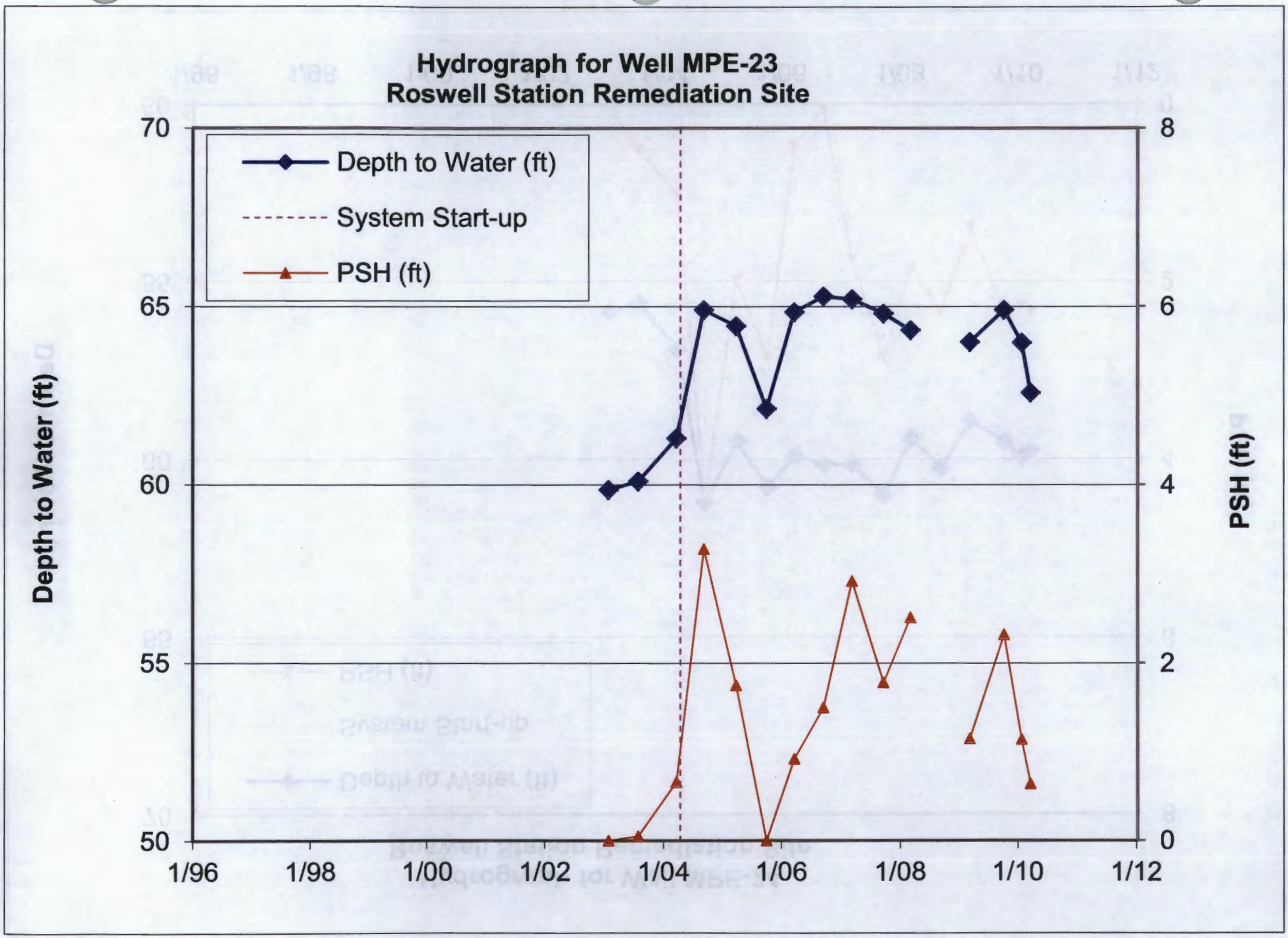

Hydrograph for Well MPE-14
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Depth to Water (ft)
PSH (ft)

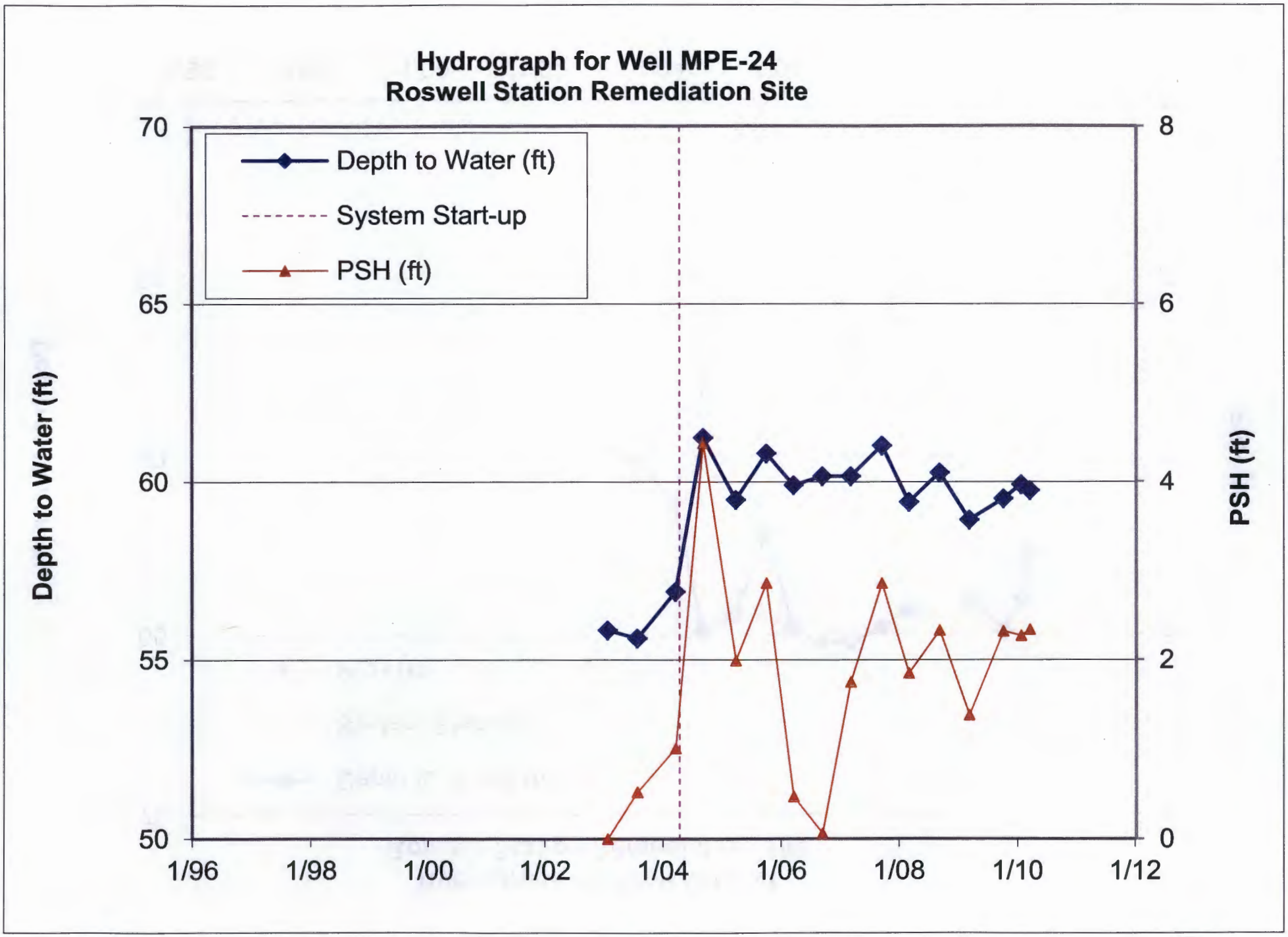

Hydrograph for Well MPE-16
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

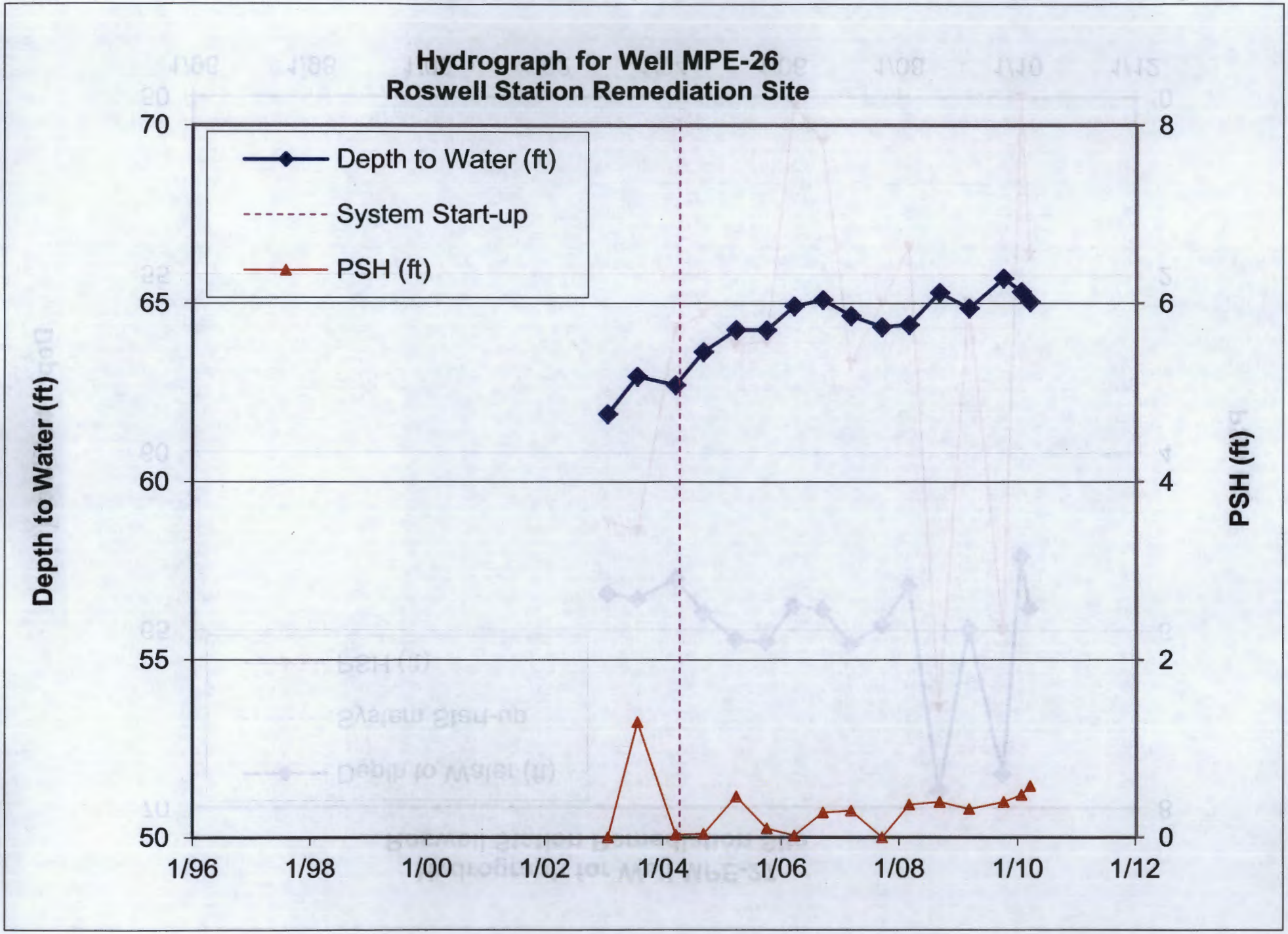

Hydrograph for Well MPE-17
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Depth to Water (ft)
PSH (ft)

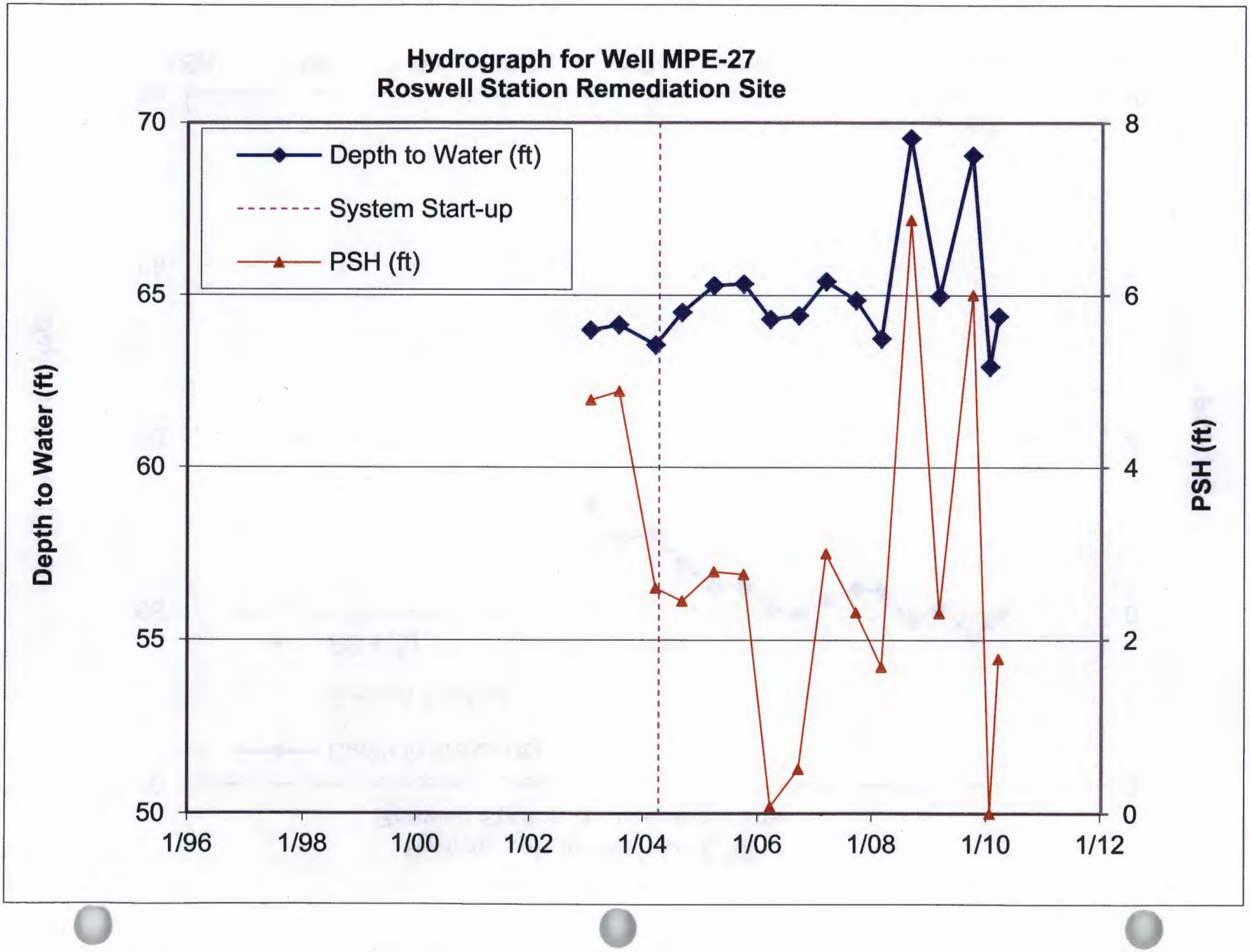

Hydrograph for Well MPE-20
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

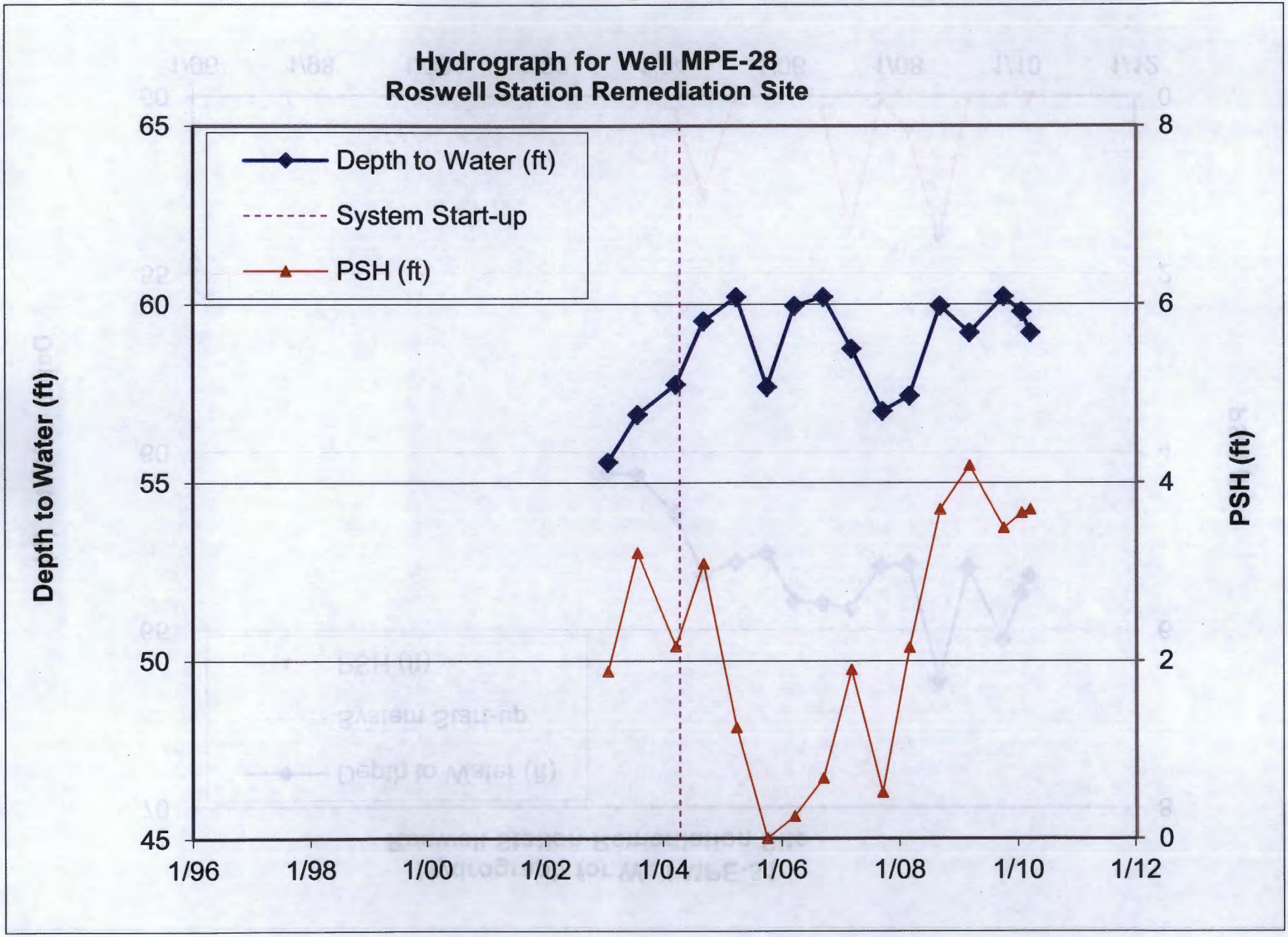

Hydrograph for Well MPE-21
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

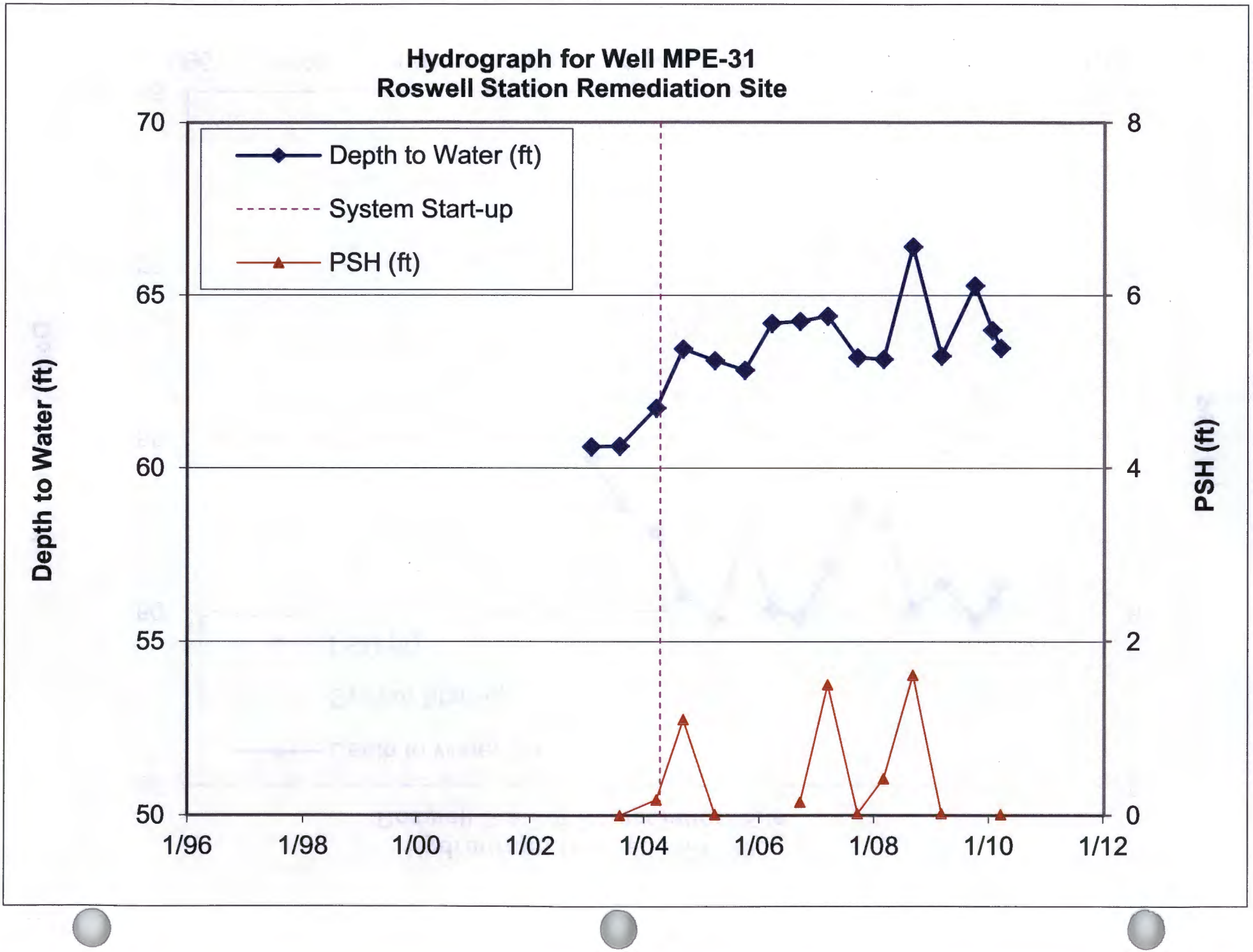

Hydrograph for Well MPE-23
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

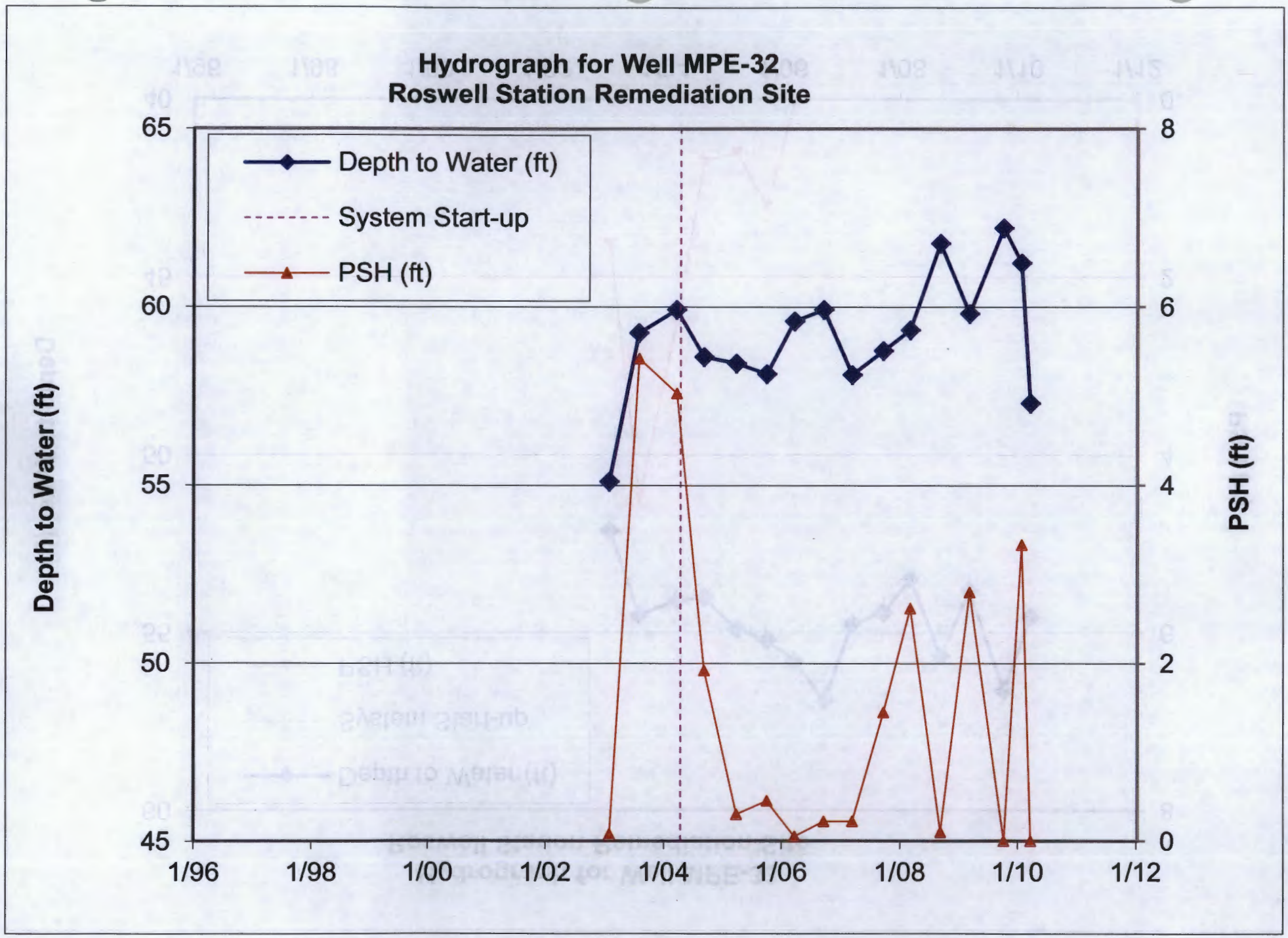

Hydrograph for Well MPE-24
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Depth to Water (ft)
PSH (ft)

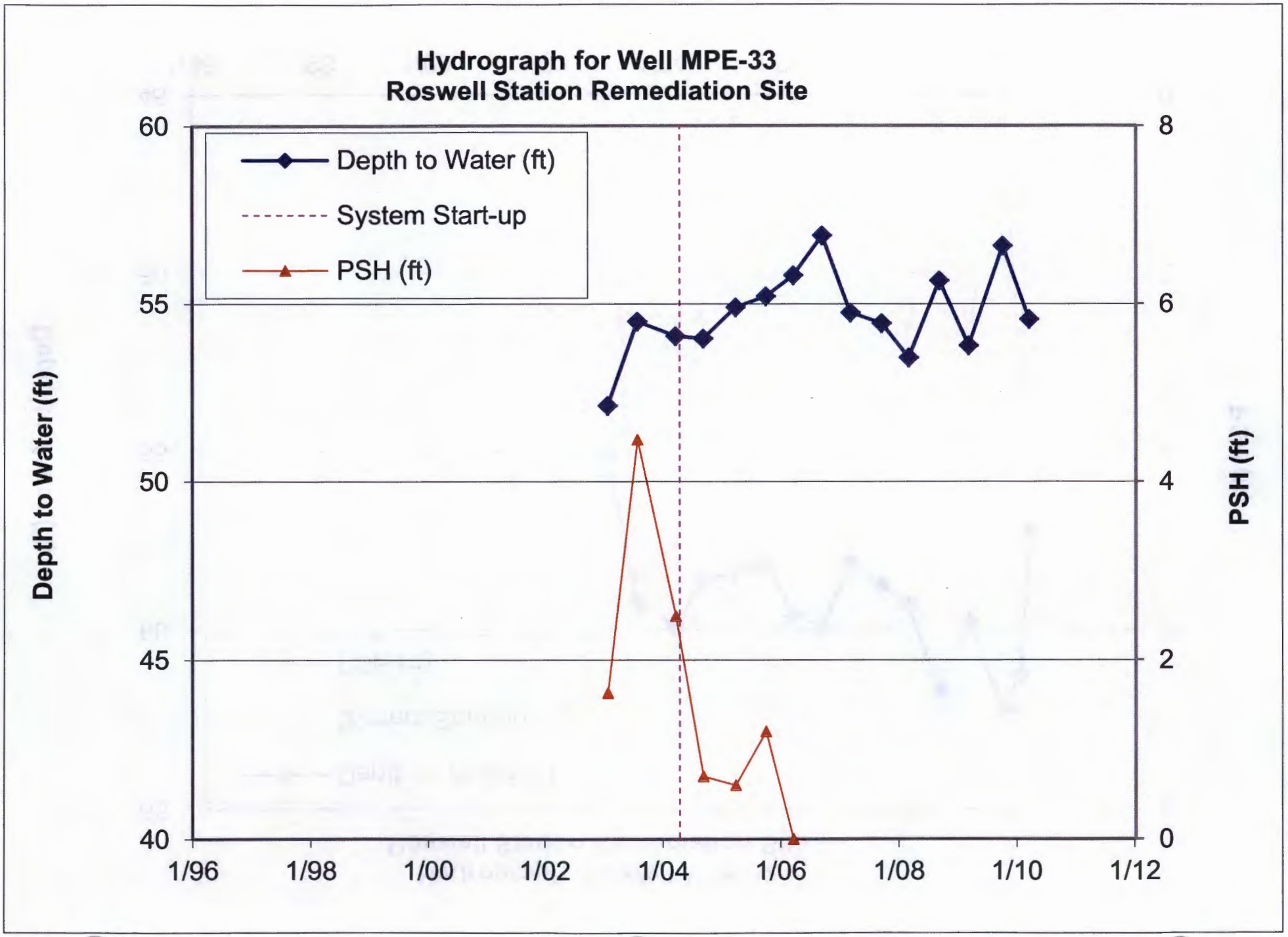

Hydrograph for Well MPE-26
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

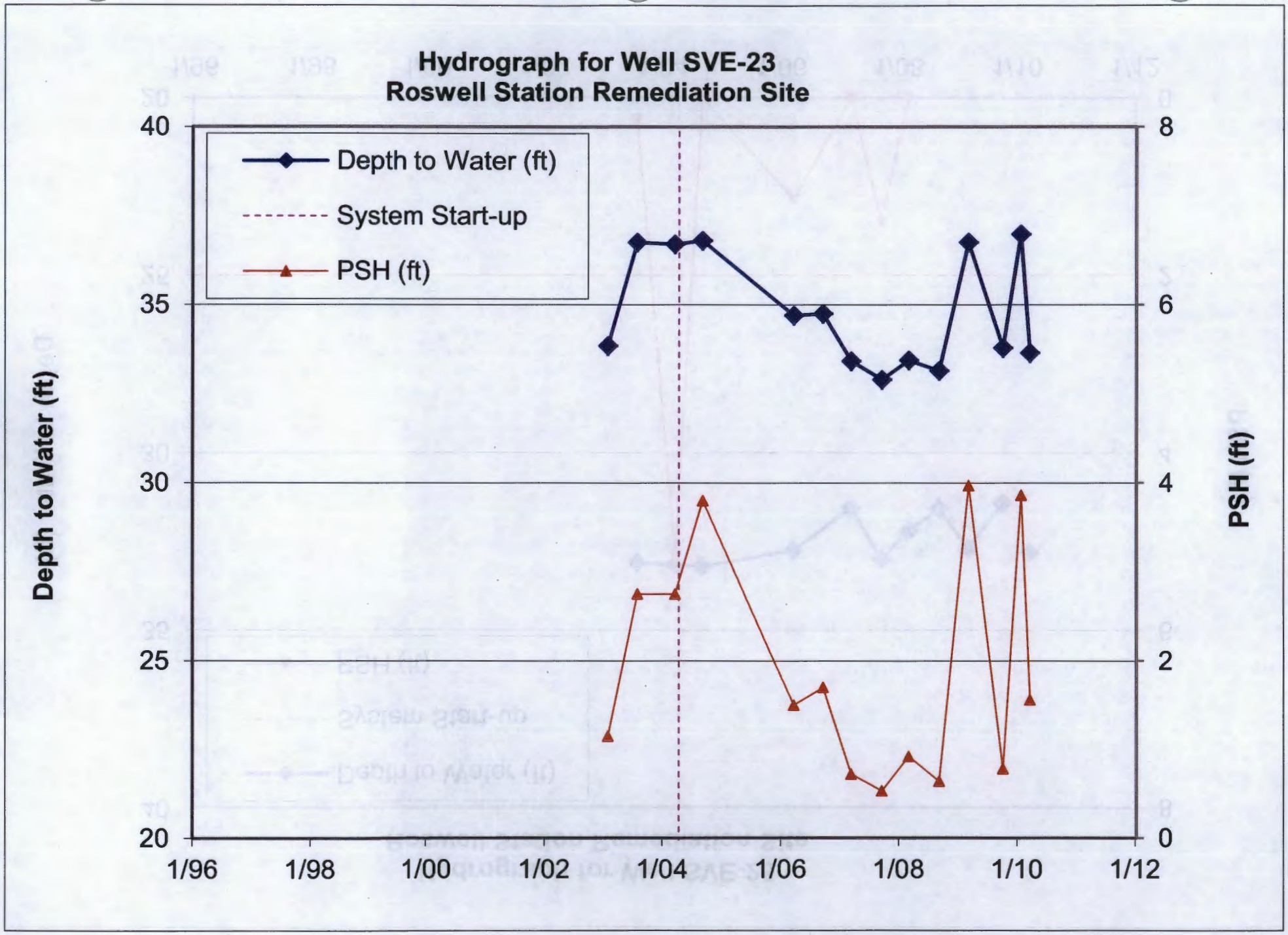

Hydrograph for Well MPE-27
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

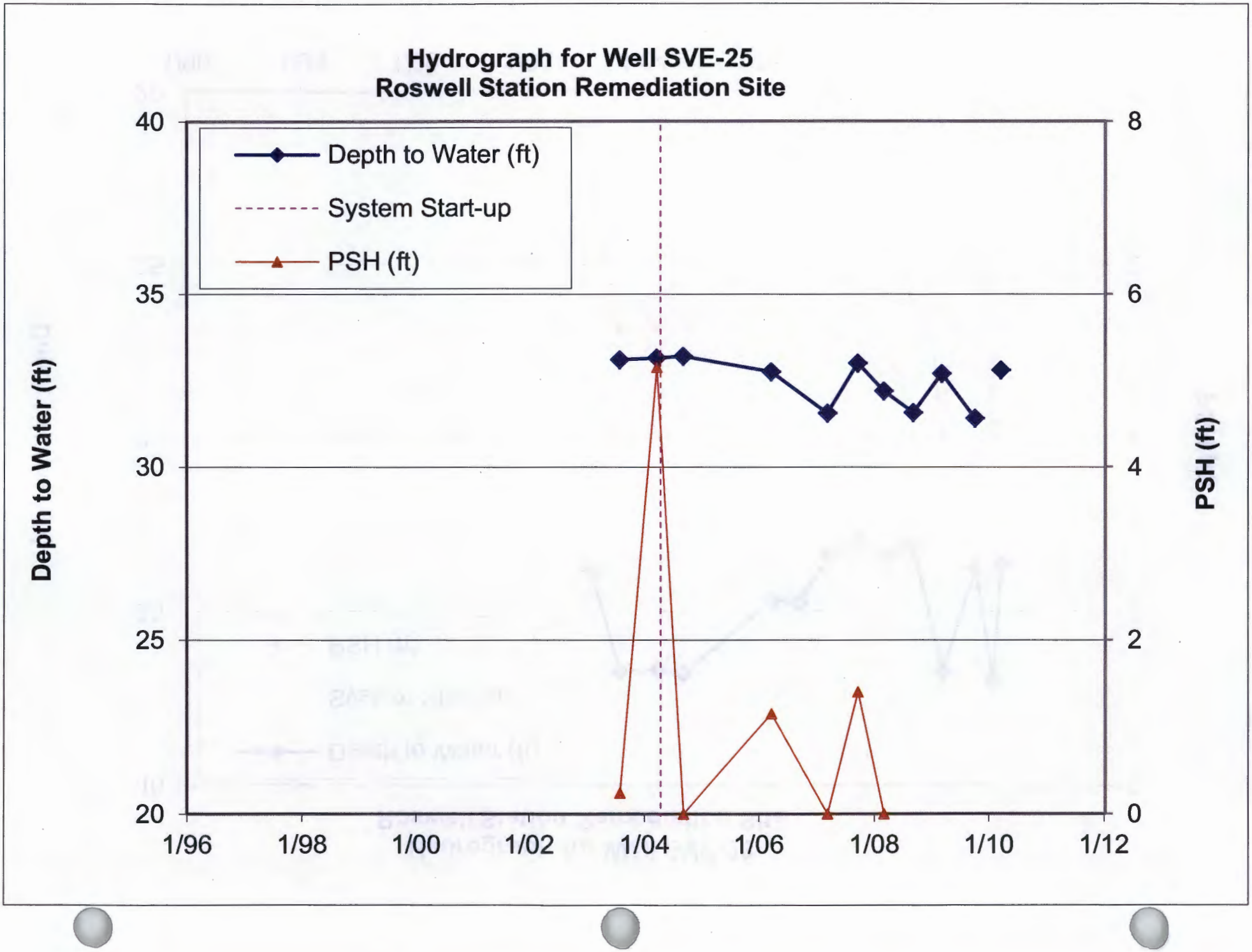

Hydrograph for Well MPE-28
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
65
60
55
50
45
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12


Hydrograph for Well MPE-31
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
70
65
60
55
50
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12


Hydrograph for Well MPE-32
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
65
60
55
50
45
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

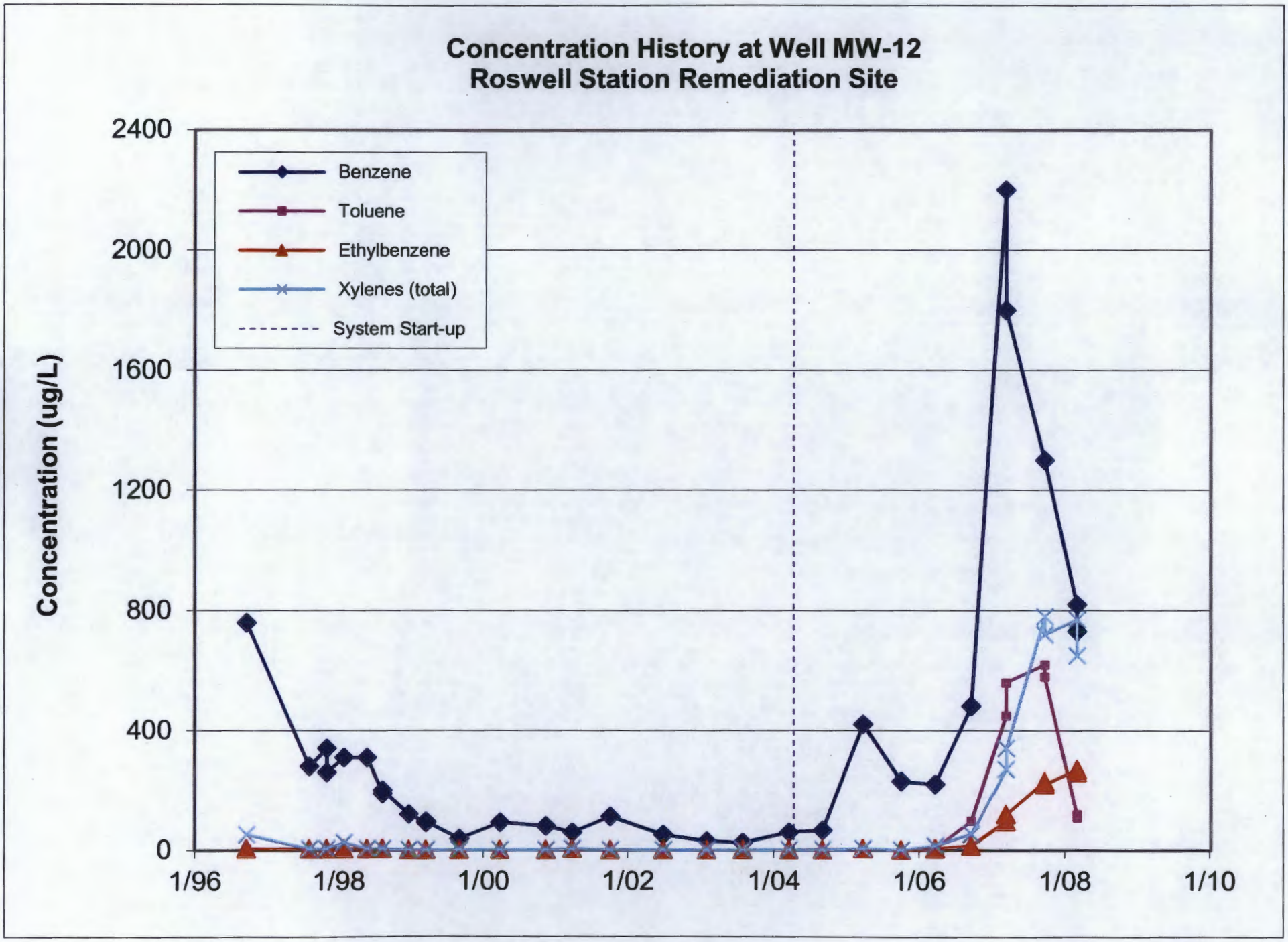

Hydrograph for Well MPE-33
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
60
55
50
45
40
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

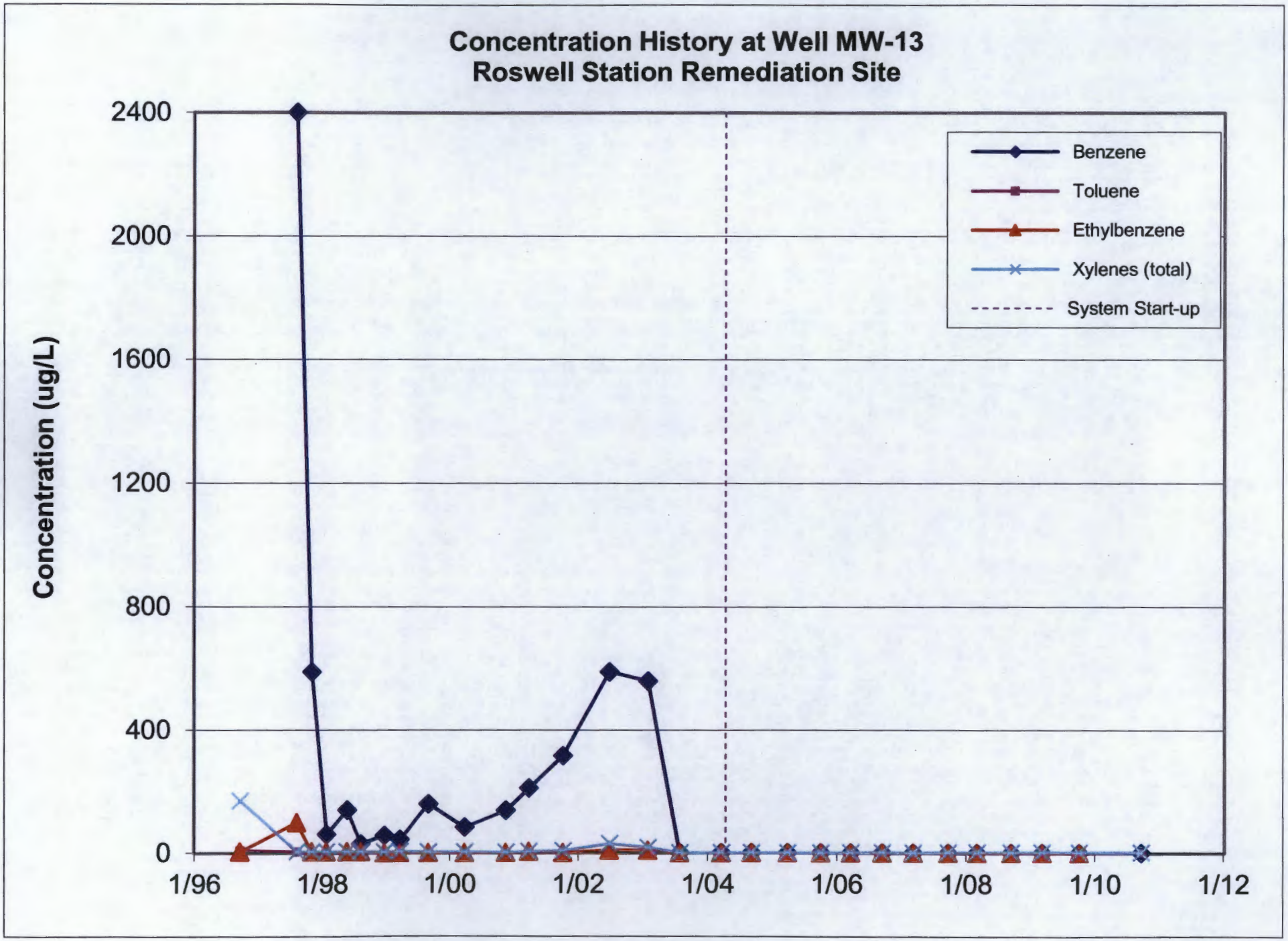

Hydrograph for Well SVE-23
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
40
35
30
25
20
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

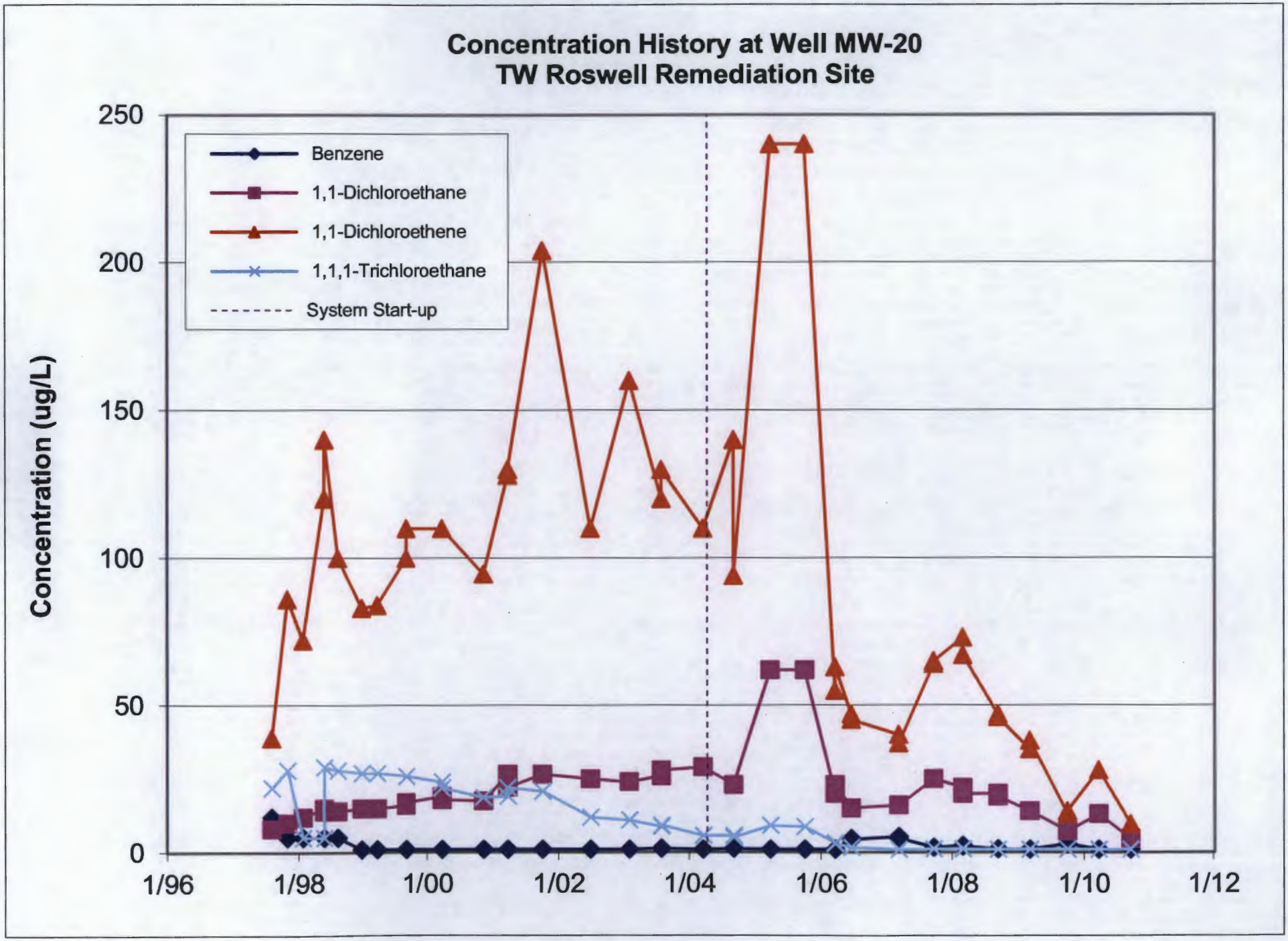

Hydrograph for Well SVE-25
Roswell Station Remediation Site
Depth to Water (ft)
System Start-up
PSH (ft)
Depth to Water (ft)
PSH (ft)
40
35
30
25
20
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12

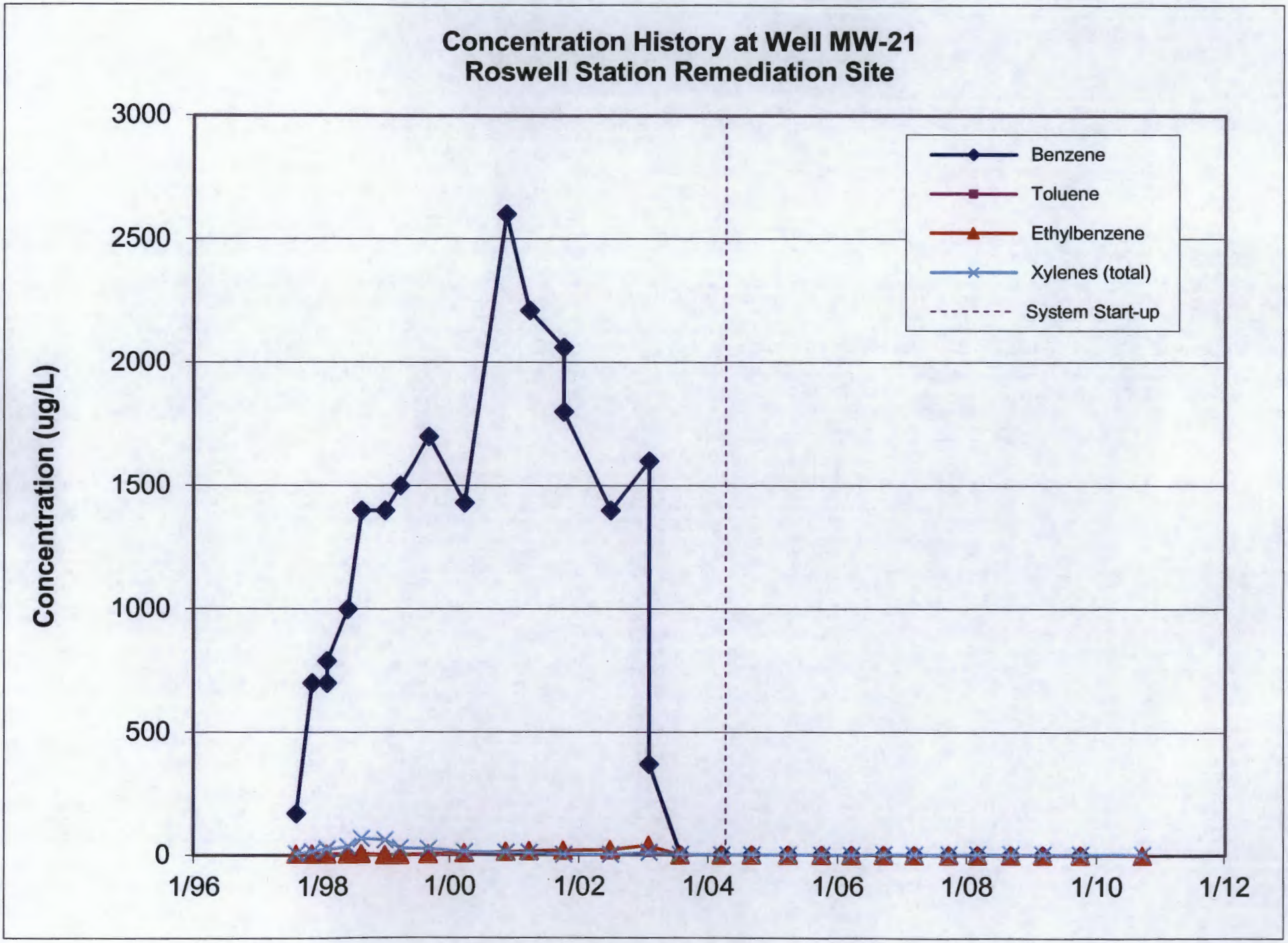
APPENDIX C

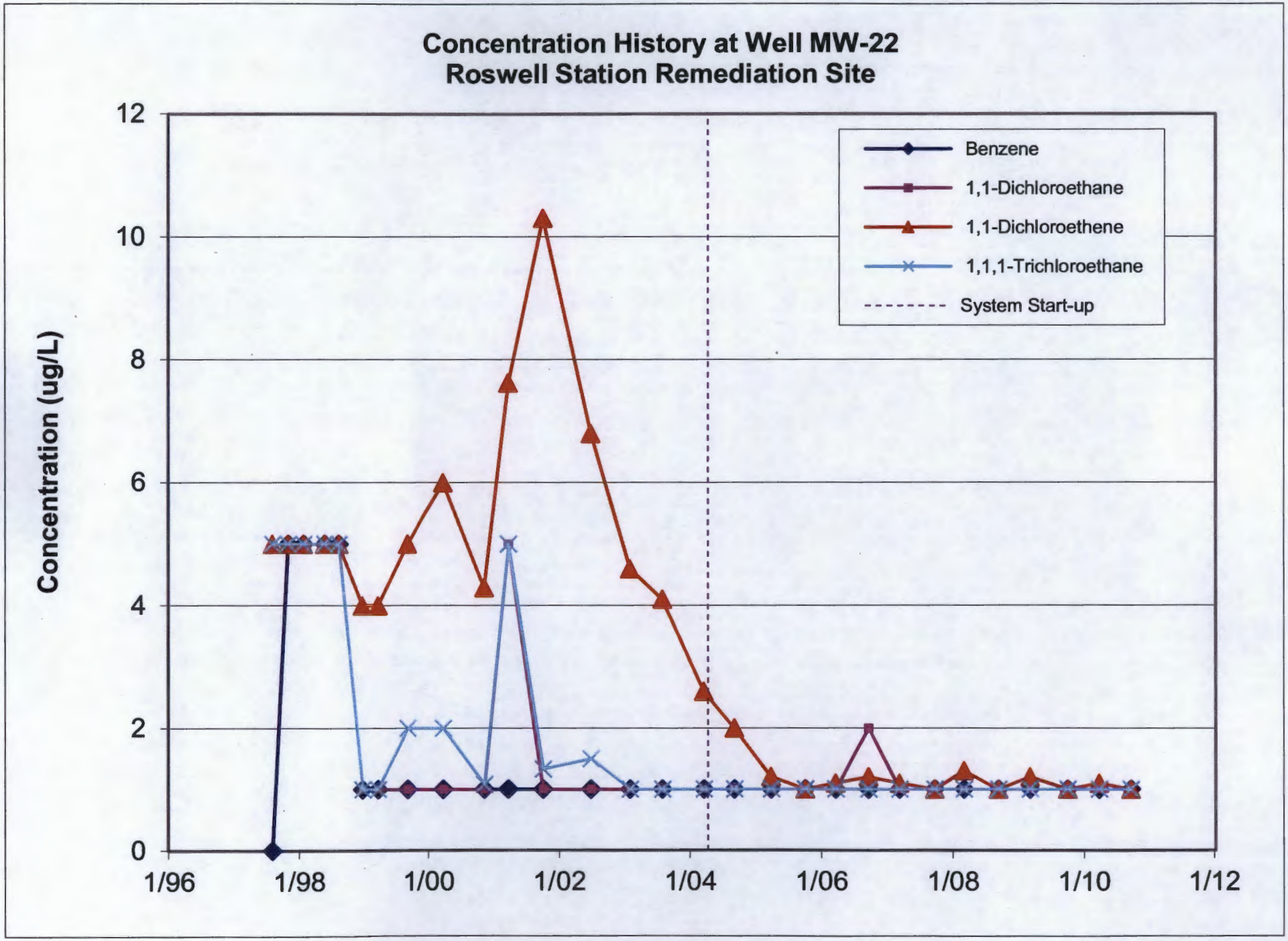
Concentration History Plots

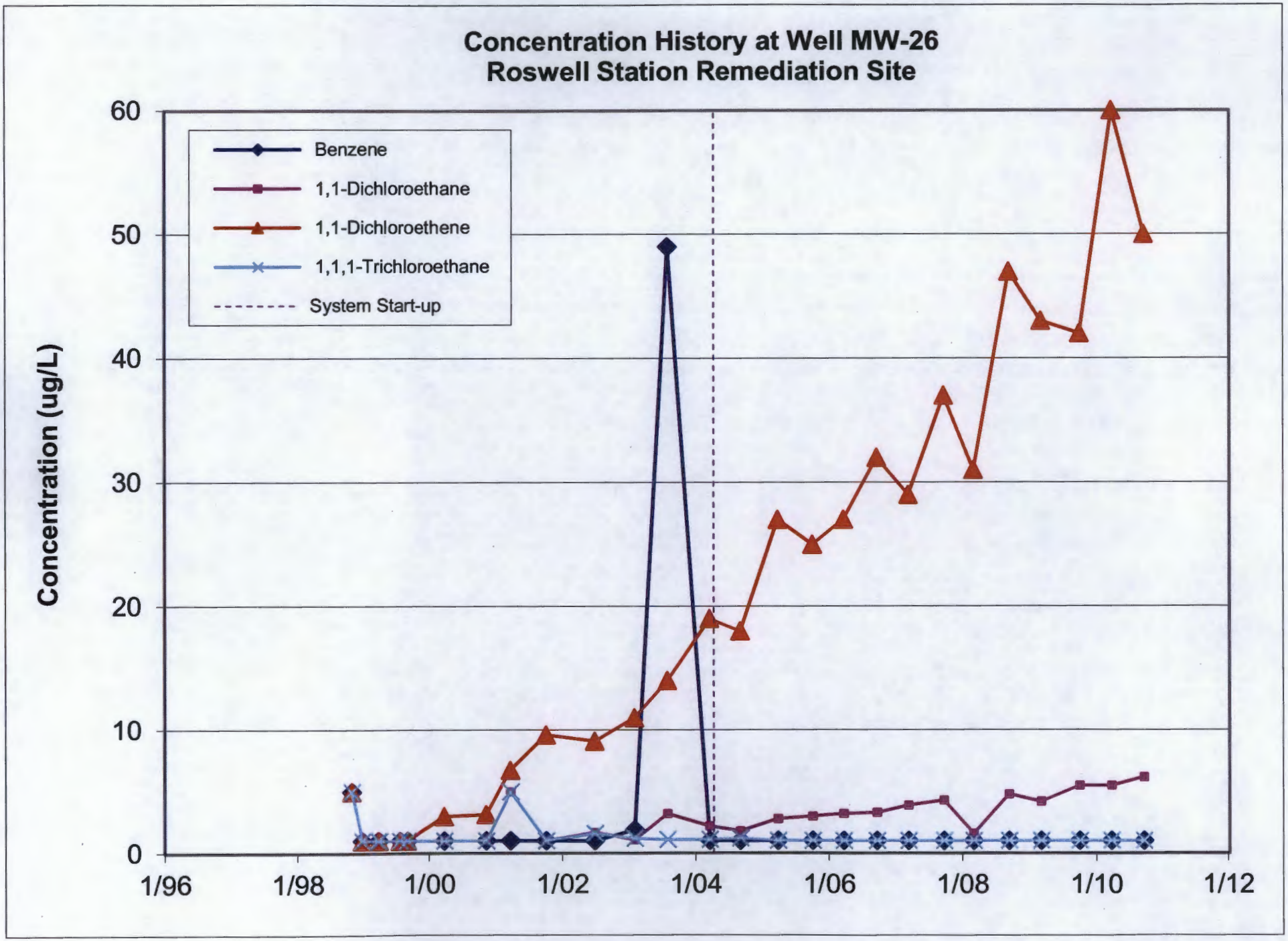

Concentration History at Well MW-12
Roswell Station Remediation Site
Concentration (ug/L)
2400
2000
1600
1200
800
400
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
Benzene
Toluene
Ethylbenzene
Xylenes (total)
System Start-up

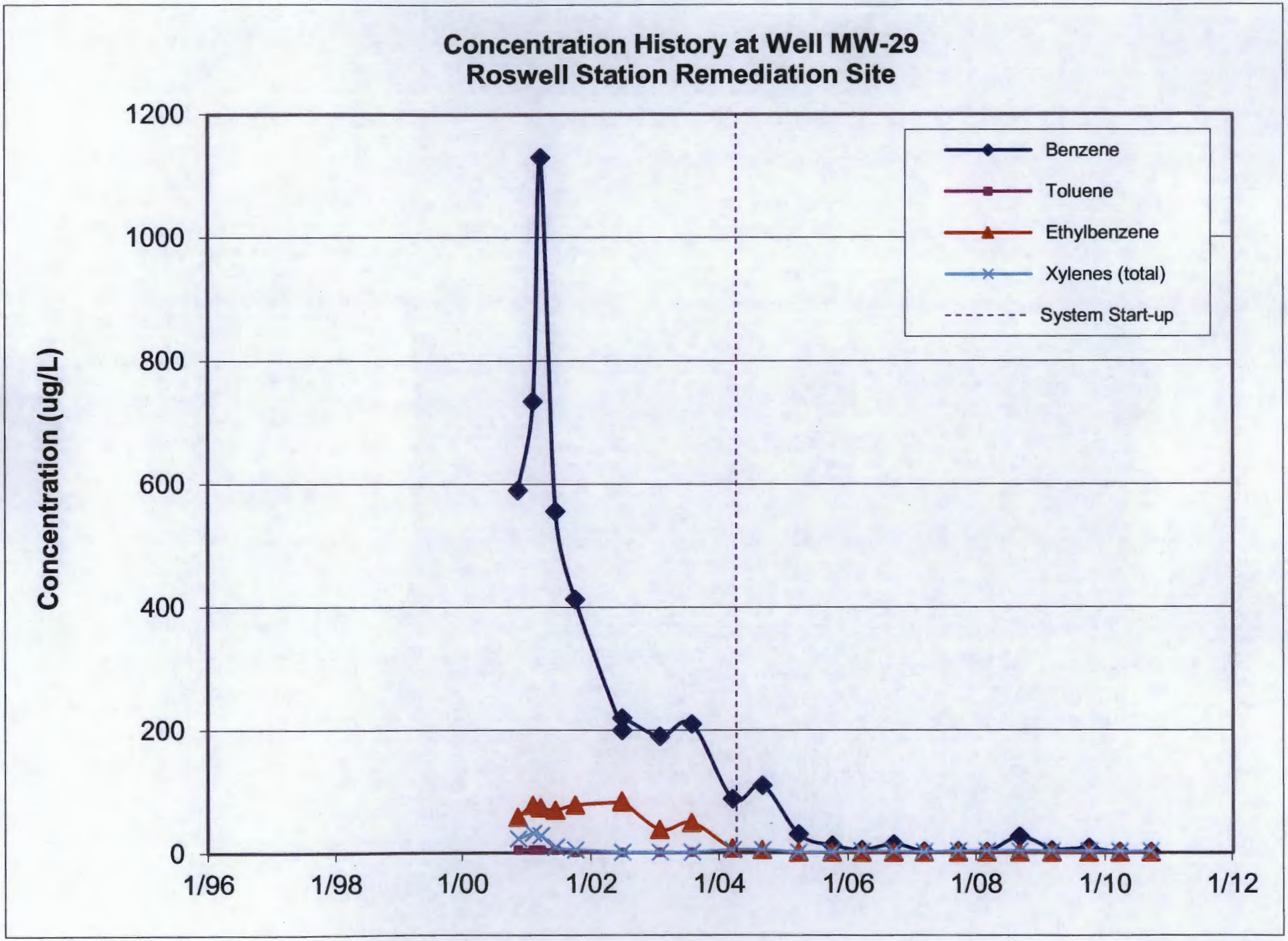

Concentration History at Well MW-13
Roswell Station Remediation Site
Concentration (ug/L)
2400
2000
1600
1200
800
400
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Benzene
Toluene
Ethylbenzene
Xylenes (total)
System Start-up

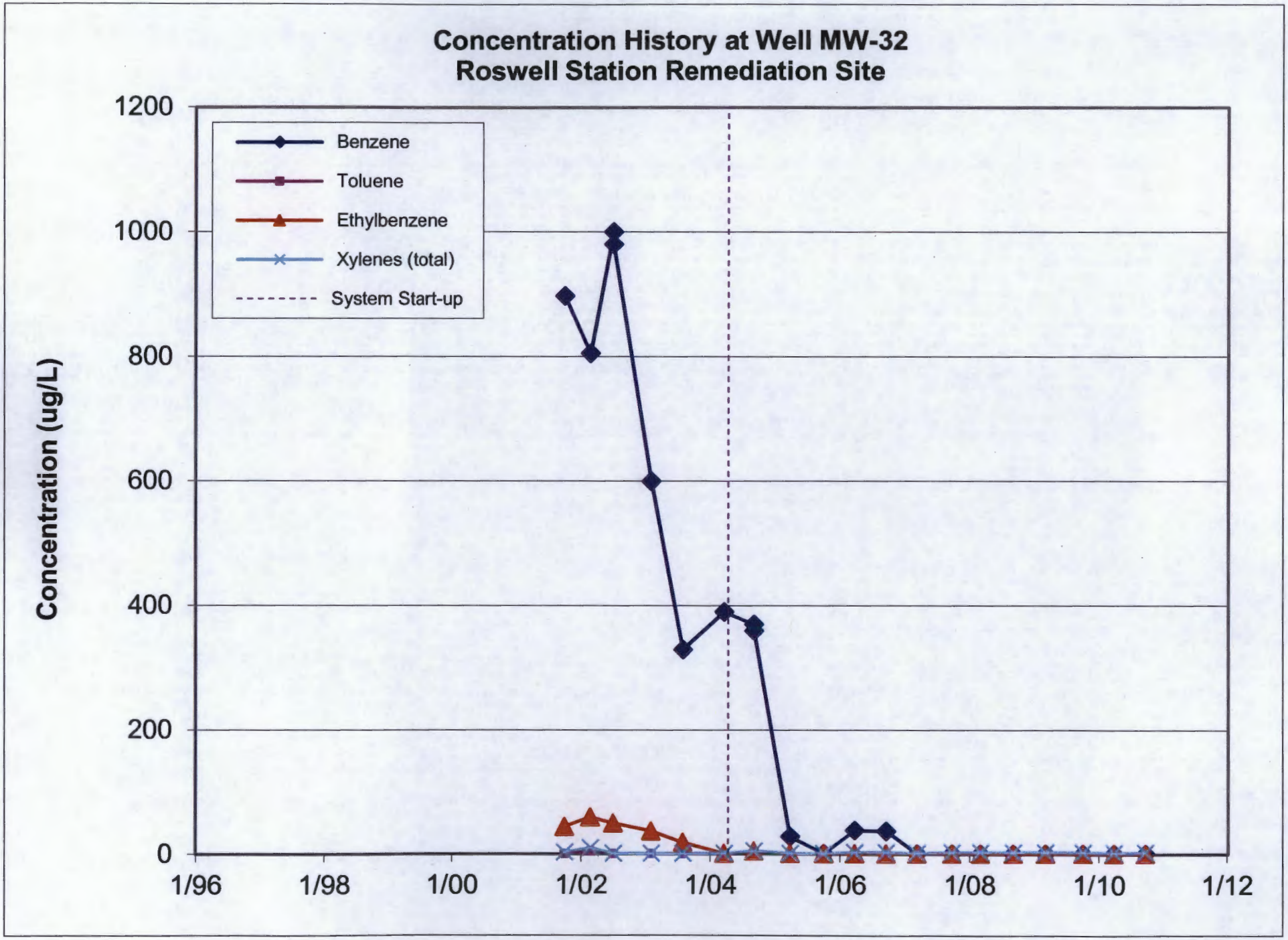

Concentration History at Well MW-20
TW Roswell Remediation Site
Concentration (ug/L)
250
200
150
100
50
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Benzene
1,1-Dichloroethane
1,1-Dichloroethene
1,1,1-Trichloroethane
System Start-up

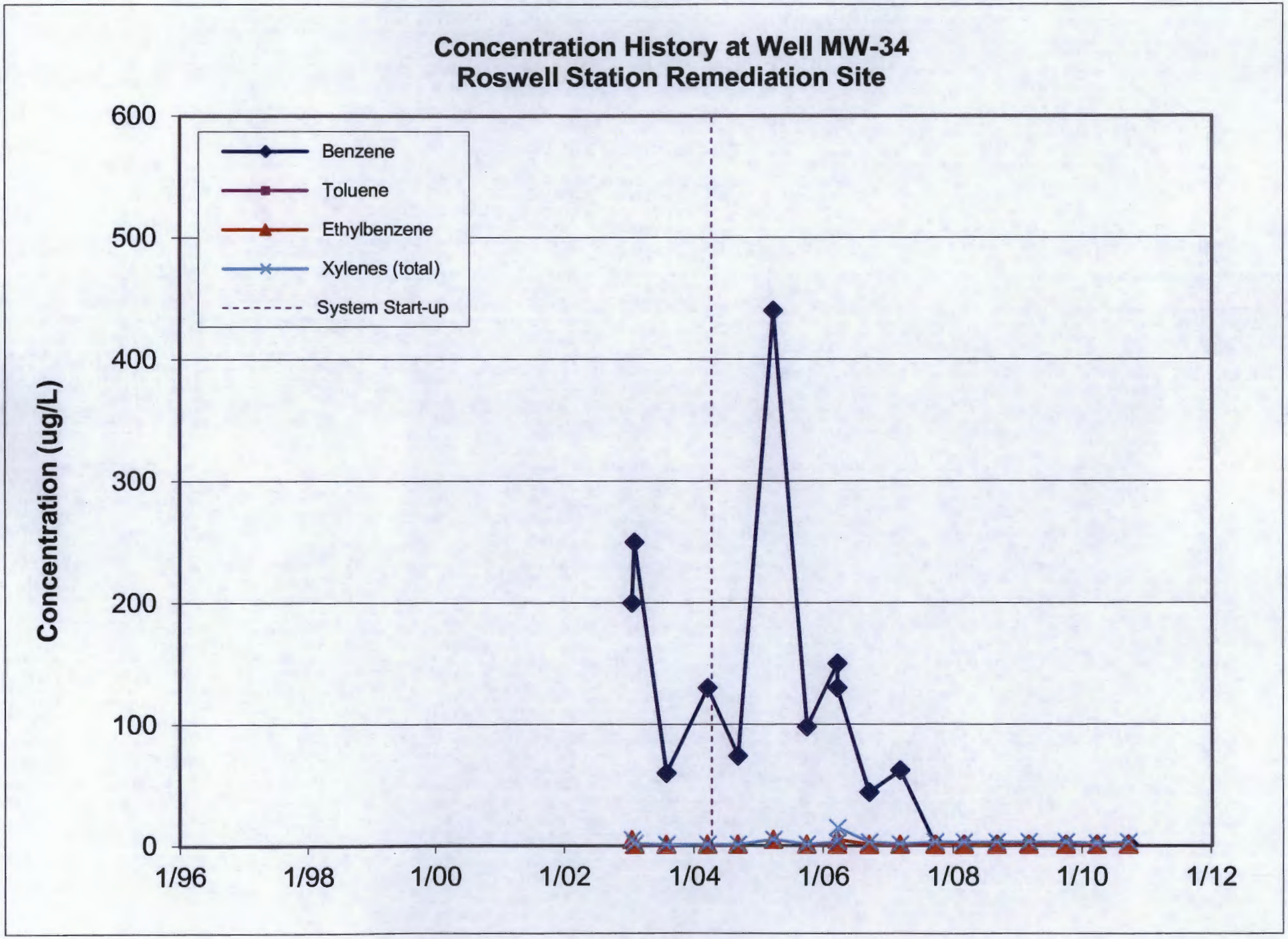

Concentration History at Well MW-21
Roswell Station Remediation Site
Concentration (ug/L)
3000
2500
2000
1500
1000
500
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Benzene
Toluene
Ethylbenzene
Xylenes (total)
System Start-up


Concentration History at Well MW-22
Roswell Station Remediation Site
Concentration (ug/L)
12
10
8
6
4
2
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Benzene
1,1-Dichloroethane
1,1-Dichloroethene
1,1,1-Trichloroethane
System Start-up


Concentration History at Well MW-26
Roswell Station Remediation Site
Concentration (ug/L)
60
50
40
30
20
10
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Benzene
1,1-Dichloroethane
1,1-Dichloroethene
1,1,1-Trichloroethane
System Start-up


Concentration History at Well MW-29
Roswell Station Remediation Site
Concentration (ug/L)
1200
1000
800
600
400
200
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Benzene
Toluene
Ethylbenzene
Xylenes (total)
System Start-up


Concentration History at Well MW-32
Roswell Station Remediation Site
Concentration (ug/L)
1200
1000
800
600
400
200
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Benzene
Toluene
Ethylbenzene
Xylenes (total)
System Start-up


Concentration History at Well MW-34
Roswell Station Remediation Site
Concentration (ug/L)
600
500
400
300
200
100
0
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1/12
Benzene
Toluene
Ethylbenzene
Xylenes (total)
System Start-up

APPENDIX D

Laboratory Reports

LABORATORY REPORTS
FOR IRRIGATION WATER SAMPLES

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Wednesday, July 21, 2010

George Robinson
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422

TEL: (281) 797-3420
FAX (281) 859-1881

RE: TWP Roswell Station #9

Order No.: 1007125

Dear George Robinson:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 7/1/2010 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

For Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jul-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Pre Treatment
Lab Order:	1007125	**Collection Date:**	6/30/2010 5:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	7/1/2010
Lab ID:	1007125-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **BDH**
Benzene	2700	50		µg/L	50	7/14/2010 4:30:38 PM
Toluene	2800	50		µg/L	50	7/14/2010 4:30:38 PM
Ethylbenzene	120	20		µg/L	20	7/12/2010 3:26:26 PM
Xylenes, Total	1500	40		µg/L	20	7/12/2010 3:26:26 PM
Surr: 4-Bromofluorobenzene	130	65.9-130		%REC	20	7/12/2010 3:26:26 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jul-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Air Stripper
Lab Order:	1007125	**Collection Date:**	6/30/2010 5:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	7/1/2010
Lab ID:	1007125-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: BDH
Benzene	450	10		µg/L	10	7/12/2010 3:56:45 PM
Toluene	460	10		µg/L	10	7/12/2010 3:56:45 PM
Ethylbenzene	13	10		µg/L	10	7/12/2010 3:56:45 PM
Xylenes, Total	250	20		µg/L	10	7/12/2010 3:56:45 PM
Surr: 4-Bromofluorobenzene	122	65.9-130		%REC	10	7/12/2010 3:56:45 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jul-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Between GAC's
Lab Order:	1007125	**Collection Date:**	6/30/2010 5:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	7/1/2010
Lab ID:	1007125-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **BDH**
Benzene	2.1	1.0		µg/L	1	7/12/2010 2:56:15 PM
Toluene	ND	1.0		µg/L	1	7/12/2010 2:56:15 PM
Ethylbenzene	ND	1.0		µg/L	1	7/12/2010 2:56:15 PM
Xylenes, Total	ND	2.0		µg/L	1	7/12/2010 2:56:15 PM
Surr: 4-Bromofluorobenzene	104	65.9-130		%REC	1	7/12/2010 2:56:15 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jul-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1007125	**Collection Date:**	6/30/2010 5:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	7/1/2010
Lab ID:	1007125-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **LJB**
Fluoride	1.7	0.10		mg/L	1	7/7/2010 9:49:42 PM
Chloride	420	25		mg/L	50	7/9/2010 3:46:10 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	7/12/2010 7:23:11 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/7/2010 9:49:42 PM
Sulfate	910	10		mg/L	20	7/7/2010 10:07:07 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **RAGS**
Calcium	330	5.0		mg/L	5	7/8/2010 5:18:53 PM
Magnesium	120	5.0		mg/L	5	7/8/2010 5:18:53 PM
Potassium	2.8	1.0		mg/L	1	7/7/2010 5:43:12 PM
Sodium	210	5.0		mg/L	5	7/9/2010 6:28:05 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	5.6	1.0		µg/L	1	7/9/2010 3:07:46 AM
Toluene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Ethylbenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Naphthalene	ND	2.0		µg/L	1	7/9/2010 3:07:46 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/9/2010 3:07:46 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/9/2010 3:07:46 AM
Acetone	110	10		µg/L	1	7/9/2010 3:07:46 AM
Bromobenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Bromodichloromethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Bromoform	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Bromomethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
2-Butanone	17	10		µg/L	1	7/9/2010 3:07:46 AM
Carbon disulfide	ND	10		µg/L	1	7/9/2010 3:07:46 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Chlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Chloroethane	ND	2.0		µg/L	1	7/9/2010 3:07:46 AM
Chloroform	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Chloromethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
2-Chlorotoluene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
4-Chlorotoluene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
cis-1,2-DCE	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/9/2010 3:07:46 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jul-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1007125	**Collection Date:**	6/30/2010 5:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	7/1/2010
Lab ID:	1007125-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Dibromochloromethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Dibromomethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/9/2010 3:07:46 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
2-Hexanone	ND	10		µg/L	1	7/9/2010 3:07:46 AM
Isopropylbenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/9/2010 3:07:46 AM
Methylene Chloride	ND	3.0		µg/L	1	7/9/2010 3:07:46 AM
n-Butylbenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
n-Propylbenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
sec-Butylbenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Styrene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
tert-Butylbenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/9/2010 3:07:46 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
trans-1,2-DCE	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/9/2010 3:07:46 AM
Vinyl chloride	ND	1.0		µg/L	1	7/9/2010 3:07:46 AM
Xylenes, Total	ND	1.5		µg/L	1	7/9/2010 3:07:46 AM
Surr: 1,2-Dichloroethane-d4	100	54.6-141		%REC	1	7/9/2010 3:07:46 AM
Surr: 4-Bromofluorobenzene	121	60.1-133		%REC	1	7/9/2010 3:07:46 AM
Surr: Dibromofluoromethane	103	78.5-130		%REC	1	7/9/2010 3:07:46 AM
Surr: Toluene-d8	110	79.5-126		%REC	1	7/9/2010 3:07:46 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jul-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1007125	**Collection Date:**	6/30/2010 5:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	7/1/2010
Lab ID:	1007125-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jul-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1007125	**Collection Date:**	
Project:	TWP Roswell Station #9	**Date Received:**	7/1/2010
Lab ID:	1007125-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Toluene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Ethylbenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Naphthalene	ND	2.0		µg/L	1	7/9/2010 3:35:17 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/9/2010 3:35:17 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/9/2010 3:35:17 AM
Acetone	ND	10		µg/L	1	7/9/2010 3:35:17 AM
Bromobenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Bromodichloromethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Bromoform	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Bromomethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
2-Butanone	ND	10		µg/L	1	7/9/2010 3:35:17 AM
Carbon disulfide	ND	10		µg/L	1	7/9/2010 3:35:17 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Chlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Chloroethane	ND	2.0		µg/L	1	7/9/2010 3:35:17 AM
Chloroform	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Chloromethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
2-Chlorotoluene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
4-Chlorotoluene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
cis-1,2-DCE	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/9/2010 3:35:17 AM
Dibromochloromethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Dibromomethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/9/2010 3:35:17 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jul-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1007125	**Collection Date:**	
Project:	TWP Roswell Station #9	**Date Received:**	7/1/2010
Lab ID:	1007125-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2-Hexanone	ND	10		µg/L	1	7/9/2010 3:35:17 AM
Isopropylbenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/9/2010 3:35:17 AM
Methylene Chloride	ND	3.0		µg/L	1	7/9/2010 3:35:17 AM
n-Butylbenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
n-Propylbenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
sec-Butylbenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Styrene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
tert-Butylbenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/9/2010 3:35:17 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
trans-1,2-DCE	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/9/2010 3:35:17 AM
Vinyl chloride	ND	1.0		µg/L	1	7/9/2010 3:35:17 AM
Xylenes, Total	ND	1.5		µg/L	1	7/9/2010 3:35:17 AM
Surr: 1,2-Dichloroethane-d4	97.4	54.6-141		%REC	1	7/9/2010 3:35:17 AM
Surr: 4-Bromofluorobenzene	121	60.1-133		%REC	1	7/9/2010 3:35:17 AM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	7/9/2010 3:35:17 AM
Surr: Toluene-d8	108	79.5-126		%REC	1	7/9/2010 3:35:17 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1007125

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions											
Sample ID: MB		*MBLK*				Batch ID:	**R39680**	Analysis Date:	7/7/2010 12:32:35 PM		
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.50								
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20								
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50								
Sulfate	ND	mg/L	0.50								
Sample ID: MB		*MBLK*				Batch ID:	**R39725**	Analysis Date:	7/8/2010 10:32:48 PM		
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.50								
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20								
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50								
Sulfate	ND	mg/L	0.50								
Sample ID: MB		*MBLK*				Batch ID:	**R39784**	Analysis Date:	7/12/2010 10:40:54 AM		
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.50								
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20								
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50								
Sulfate	ND	mg/L	0.50								
Sample ID: LCS		*LCS*				Batch ID:	**R39680**	Analysis Date:	7/7/2010 12:49:59 PM		
Fluoride	0.5422	mg/L	0.10	0.5	0	108	90	110			
Chloride	5.031	mg/L	0.50	5	0	101	90	110			
Nitrate (As N)+Nitrite (As N)	3.605	mg/L	0.20	3.5	0	103	90	110			
Phosphorus, Orthophosphate (As P)	5.111	mg/L	0.50	5	0	102	90	110			
Sulfate	10.17	mg/L	0.50	10	0	102	90	110			
Sample ID: LCS		*LCS*				Batch ID:	**R39725**	Analysis Date:	7/8/2010 10:50:13 PM		
Fluoride	0.5392	mg/L	0.10	0.5	0	108	90	110			
Chloride	4.917	mg/L	0.50	5	0	98.3	90	110			
Nitrate (As N)+Nitrite (As N)	3.512	mg/L	0.20	3.5	0	100	90	110			
Phosphorus, Orthophosphate (As P)	5.009	mg/L	0.50	5	0	100	90	110			
Sulfate	10.26	mg/L	0.50	10	0	103	90	110			
Sample ID: LCS		*LCS*				Batch ID:	**R39784**	Analysis Date:	7/12/2010 10:58:19 AM		
Fluoride	0.5306	mg/L	0.10	0.5	0	106	90	110			
Chloride	4.874	mg/L	0.50	5	0	97.5	90	110			
Nitrate (As N)+Nitrite (As N)	3.458	mg/L	0.20	3.5	0	98.8	90	110			
Phosphorus, Orthophosphate (As P)	4.838	mg/L	0.50	5	0	96.8	90	110			
Sulfate	9.958	mg/L	0.50	10	0	99.6	90	110			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Cl Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1007125

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles											
Sample ID: 5ML RB		*MBLK*				Batch ID:	**R39755**	Analysis Date:		7/9/2010 8:15:31 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 5ML RB		*MBLK*				Batch ID:	**R39771**	Analysis Date:		7/12/2010 8:46:01 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 5ML RB		*MBLK*				Batch ID:	**R39812**	Analysis Date:		7/14/2010 9:47:12 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 100NG BTEX LCS		*LCS*				Batch ID:	**R39755**	Analysis Date:		7/9/2010 10:46:55 AM	
Benzene	19.41	µg/L	1.0	20	0	97.1	87.9	121			
Toluene	19.53	µg/L	1.0	20	0	97.7	83	124			
Ethylbenzene	19.14	µg/L	1.0	20	0	95.7	81.7	122			
Xylenes, Total	57.70	µg/L	2.0	60	0	96.2	85.6	121			
Sample ID: 100NG BTEX LCS		*LCS*				Batch ID:	**R39771**	Analysis Date:		7/12/2010 11:17:47 AM	
Benzene	20.15	µg/L	1.0	20	0.282	99.4	87.9	121			
Toluene	21.78	µg/L	1.0	20	0.368	107	83	124			
Ethylbenzene	21.43	µg/L	1.0	20	0.156	106	81.7	122			
Xylenes, Total	64.19	µg/L	2.0	60	0	107	85.6	121			
Sample ID: 100NG BTEX LCS		*LCS*				Batch ID:	**R39812**	Analysis Date:		7/14/2010 10:51:30 AM	
Benzene	20.39	µg/L	1.0	20	0	102	87.9	121			
Toluene	22.22	µg/L	1.0	20	0	111	83	124			
Ethylbenzene	22.29	µg/L	1.0	20	0.114	111	81.7	122			
Xylenes, Total	67.86	µg/L	2.0	60	0	113	85.6	121			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1007125

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				**Batch ID: R39704**		**Analysis Date:**	**7/8/2010 8:57:37 AM**		
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

t: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1007125

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				Batch ID: **R39704**		Analysis Date:	7/8/2010 8:57:37 AM		
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
?-Trichloropropane	ND	µg/L	2.0								
chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: b5		*MBLK*				Batch ID: **R39704**		Analysis Date:	7/8/2010 9:09:52 PM		
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1007125

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b5		*MBLK*					**Batch ID: R39704**		**Analysis Date:**	7/8/2010 9:09:52 PM	
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: 100ng lcs		*LCS*					**Batch ID: R39704**		**Analysis Date:**	7/8/2010 10:20:21 AM	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1007125

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R39704**	Analysis Date:	7/8/2010 10:20:21 AM		
Benzene	21.06	µg/L	1.0	20	0	105	82.4	116			
Toluene	21.60	µg/L	1.0	20	0	108	89.5	123			
Chlorobenzene	21.53	µg/L	1.0	20	0	108	87.8	120			
1,1-Dichloroethene	26.34	µg/L	1.0	20	0	132	90.3	138			
Trichloroethene (TCE)	20.21	µg/L	1.0	20	0	101	64	129			
Sample ID: 100ng lcs_b		*LCS*				Batch ID:	**R39704**	Analysis Date:	7/8/2010 10:04:52 PM		
Benzene	20.44	µg/L	1.0	20	0	102	82.4	116			
Toluene	21.56	µg/L	1.0	20	0	108	89.5	123			
Chlorobenzene	20.26	µg/L	1.0	20	0	101	87.8	120			
1,1-Dichloroethene	25.11	µg/L	1.0	20	0	126	90.3	138			
Trichloroethene (TCE)	19.49	µg/L	1.0	20	0	97.4	64	129			
Method: EPA Method 6010B: Dissolved Metals											
Sample ID: MB		*MBLK*				Batch ID:	**R39698**	Analysis Date:	7/7/2010 5:37:08 PM		
Calcium	ND	mg/L	1.0								
Magnesium	ND	mg/L	1.0								
Potassium	ND	mg/L	1.0								
Sodium	ND	mg/L	1.0								
ple ID: MB		*MBLK*				Batch ID:	**R39723**	Analysis Date:	7/8/2010 5:12:47 PM		
ium	ND	mg/L	1.0								
Magnesium	ND	mg/L	1.0								
Potassium	ND	mg/L	1.0								
Sample ID: MB		*MBLK*				Batch ID:	**R39760**	Analysis Date:	7/9/2010 5:34:20 PM		
Calcium	ND	mg/L	1.0								
Magnesium	ND	mg/L	1.0								
Potassium	ND	mg/L	1.0								
Sodium	ND	mg/L	1.0								
Sample ID: LCS		*LCS*				Batch ID:	**R39698**	Analysis Date:	7/7/2010 5:40:05 PM		
Calcium	50.85	mg/L	1.0	50.5	0	101	80	120			
Magnesium	51.67	mg/L	1.0	50.5	0	102	80	120			
Potassium	54.40	mg/L	1.0	55	0	98.9	80	120			
Sodium	54.49	mg/L	1.0	50.5	0	108	80	120			
Sample ID: LCS		*LCS*				Batch ID:	**R39723**	Analysis Date:	7/8/2010 5:15:46 PM		
Calcium	49.78	mg/L	1.0	50.5	0	98.6	80	120			
Magnesium	51.66	mg/L	1.0	50.5	0	102	80	120			
Potassium	54.45	mg/L	1.0	55	0	99.0	80	120			
Sample ID: LCS		*LCS*				Batch ID:	**R39760**	Analysis Date:	7/9/2010 5:37:25 PM		
Calcium	57.00	mg/L	1.0	50.5	0	113	80	120			
Magnesium	57.61	mg/L	1.0	50.5	0	114	80	120			
Potassium	59.80	mg/L	1.0	55	0	109	80	120			
Sodium	55.84	mg/L	1.0	50.5	0	111	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name CYP | Date Received: 7/1/2010

Work Order Number 1007125 | Received by: AT

Checklist completed by: Signature 7/1/10 Date | Sample ID labels checked by: AT Initials

Matrix: | Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	2
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	(<2) >12 unless noted below.
Container/Temp Blank temperature?	1.2°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted | Date contacted: | Person contacted

Contacted by: | Regarding:

Comments:

Corrective Action

Chain-of-Custody Record

Client: ~~Cypress~~ Cypress Engineering
ATTN: George Robinson, PE
Mailing Address: 111 Highway 6 North Suite 102 Houston, Tx 77095
Phone #: 281-~~757~~-3420
email or Fax#: george.robinson@cypressinc.us
QA/QC Package: 281-797-1881
☒ ~~Standard~~ ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☒ ~~Standard~~ ☐ Rush _____
Project Name: TWP Roswell Station #9
Project #: MONTHLY Discharge Sampling 06/2010
Project Manager: Sandy Sharp
Sampler: CM Barnhill, PE
On Ice: ☒ Yes ☐ No
Sample Temperature: 1.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1006125	Analysis Request: BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	MAJOR CATIONS	Na, Ca, K, Mg	By 6010C *Filtered*	Filtered*	Air Bubbles (Y or N)
~~1700~~																						
06/30/10	1700	H2O	Pre Treatment	3x40mL VOA's	HgCl2	-1	X															N
			Post Air Stripper	↓	↓	-2	X															N
			Between GAC's	↓	↓	-3	X															N
			Post Treatment	3x40mL VOA's	HgCl2	-4										X						N
			" "	1x125mL plastic	None	-4								X								
			" "	1x125mL plastic	H2SO4	-4								X								
↓	↓	↓	*Field Filtered*	1x125mL plastic	HNO3	-4								X				X				
			TRIP Blank	2x40mL VOA's	HgCl2	-5																

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
07/01/10	1500			7/1/10	1540	Any Questions Please Call Sandy Sharp @ 281-797-34[illegible]
Date:	Time:	Relinquished by:	Received by:	Date	Time	

If necessa[illegible]mples submitted to Hall Environmental may be subcontracted to other accredited laboratories. [illegible]erves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, August 17, 2010

Sandra Sharp
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422

TEL: (281) 797-3420
FAX (281) 859-1881

RE: TWP Roswell Station #9

Order No.: 1008082

Dear Sandra Sharp:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 8/3/2010 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Aug-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Pre-Treatment
Lab Order:	1008082	**Collection Date:**	7/31/2010 7:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/3/2010
Lab ID:	1008082-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	1900	50		µg/L	50	8/4/2010 5:05:05 PM
Toluene	2000	50		µg/L	50	8/4/2010 5:05:05 PM
Ethylbenzene	140	50		µg/L	50	8/4/2010 5:05:05 PM
Xylenes, Total	1300	100		µg/L	50	8/4/2010 5:05:05 PM
Surr: 4-Bromofluorobenzene	120	65.9-130		%REC	50	8/4/2010 5:05:05 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Aug-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post-Air Stripper
Lab Order:	1008082	**Collection Date:**	7/31/2010 7:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/3/2010
Lab ID:	1008082-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	190	10		µg/L	10	8/4/2010 5:35:22 PM
Toluene	200	10		µg/L	10	8/4/2010 5:35:22 PM
Ethylbenzene	11	10		µg/L	10	8/4/2010 5:35:22 PM
Xylenes, Total	140	20		µg/L	10	8/4/2010 5:35:22 PM
Surr: 4-Bromofluorobenzene	124	65.9-130		%REC	10	8/4/2010 5:35:22 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
E	Estimated value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
MCL	Maximum Contaminant Level
NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Aug-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Between GAC's
Lab Order:	1008082	**Collection Date:**	7/31/2010 7:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/3/2010
Lab ID:	1008082-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	200	10		µg/L	10	8/9/2010 11:35:48 PM
Toluene	200	10		µg/L	10	8/9/2010 11:35:48 PM
Ethylbenzene	12	1.0		µg/L	1	8/4/2010 11:09:59 PM
Xylenes, Total	150	2.0		µg/L	1	8/4/2010 11:09:59 PM
Surr: 4-Bromofluorobenzene	106	65.9-130		%REC	10	8/9/2010 11:35:48 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Aug-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1008082	**Collection Date:**	7/31/2010 7:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/3/2010
Lab ID:	1008082-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **LJB**
Fluoride	1.1	0.10		mg/L	1	8/3/2010 11:07:33 PM
Chloride	410	25		mg/L	50	8/10/2010 12:11:41 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	8/4/2010 6:05:22 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/3/2010 11:07:33 PM
Sulfate	1100	25		mg/L	50	8/6/2010 7:06:31 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **RAGS**
Calcium	420	5.0		mg/L	5	8/6/2010 4:11:58 PM
Magnesium	130	5.0		mg/L	5	8/6/2010 4:11:58 PM
Potassium	5.3	1.0		mg/L	1	8/6/2010 4:07:50 PM
Sodium	200	5.0		mg/L	5	8/6/2010 4:11:58 PM
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Toluene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Naphthalene	ND	2.0		µg/L	1	8/5/2010 5:01:57 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2010 5:01:57 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2010 5:01:57 PM
Acetone	ND	10		µg/L	1	8/5/2010 5:01:57 PM
Bromobenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Bromoform	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Bromomethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
2-Butanone	ND	10		µg/L	1	8/5/2010 5:01:57 PM
Carbon disulfide	ND	10		µg/L	1	8/5/2010 5:01:57 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Chloroethane	ND	2.0		µg/L	1	8/5/2010 5:01:57 PM
Chloroform	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Chloromethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2010 5:01:57 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Aug-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1008082	**Collection Date:**	7/31/2010 7:00:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/3/2010
Lab ID:	1008082-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						**Analyst: MMS**
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Dibromomethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2010 5:01:57 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
2-Hexanone	ND	10		µg/L	1	8/5/2010 5:01:57 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2010 5:01:57 PM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2010 5:01:57 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Styrene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2010 5:01:57 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2010 5:01:57 PM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2010 5:01:57 PM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2010 5:01:57 PM
Surr: 1,2-Dichloroethane-d4	107	54.6-141		%REC	1	8/5/2010 5:01:57 PM
Surr: 4-Bromofluorobenzene	106	60.1-133		%REC	1	8/5/2010 5:01:57 PM
Surr: Dibromofluoromethane	109	78.5-130		%REC	1	8/5/2010 5:01:57 PM
Surr: Toluene-d8	112	79.5-126		%REC	1	8/5/2010 5:01:57 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Aug-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1008082	**Collection Date:**	
Project:	TWP Roswell Station #9	**Date Received:**	8/3/2010
Lab ID:	1008082-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Toluene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Naphthalene	ND	2.0		µg/L	1	8/5/2010 5:30:07 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2010 5:30:07 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2010 5:30:07 PM
Acetone	ND	10		µg/L	1	8/5/2010 5:30:07 PM
Bromobenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Bromoform	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Bromomethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
2-Butanone	ND	10		µg/L	1	8/5/2010 5:30:07 PM
Carbon disulfide	ND	10		µg/L	1	8/5/2010 5:30:07 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Chloroethane	ND	2.0		µg/L	1	8/5/2010 5:30:07 PM
Chloroform	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Chloromethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2010 5:30:07 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Dibromomethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2010 5:30:07 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Aug-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1008082	**Collection Date:**	
Project:	TWP Roswell Station #9	**Date Received:**	8/3/2010
Lab ID:	1008082-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
2-Hexanone	ND	10		µg/L	1	8/5/2010 5:30:07 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2010 5:30:07 PM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2010 5:30:07 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Styrene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2010 5:30:07 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2010 5:30:07 PM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2010 5:30:07 PM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2010 5:30:07 PM
Surr: 1,2-Dichloroethane-d4	93.5	54.6-141		%REC	1	8/5/2010 5:30:07 PM
Surr: 4-Bromofluorobenzene	109	60.1-133		%REC	1	8/5/2010 5:30:07 PM
Surr: Dibromofluoromethane	95.1	78.5-130		%REC	1	8/5/2010 5:30:07 PM
Surr: Toluene-d8	113	79.5-126		%REC	1	8/5/2010 5:30:07 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008082

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions											
Sample ID: MB		*MBLK*				**Batch ID:**	**R40188**	**Analysis Date:**	**8/3/2010 7:03:50 PM**		
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.50								
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20								
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50								
Sulfate	ND	mg/L	0.50								
Sample ID: MB		*MBLK*				**Batch ID:**	**R40224**	**Analysis Date:**	**8/5/2010 3:43:50 PM**		
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.50								
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20								
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50								
Sulfate	ND	mg/L	0.50								
Sample ID: MB		*MBLK*				**Batch ID:**	**R40266**	**Analysis Date:**	**8/9/2010 10:57:08 AM**		
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.50								
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20								
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50								
Sulfate	ND	mg/L	0.50								
Sample ID: LCS		*LCS*				**Batch ID:**	**R40188**	**Analysis Date:**	**8/3/2010 7:21:15 PM**		
[illegible]ide	0.5498	mg/L	0.10	0.5	0	110	90	110			
[illegible]ide	4.954	mg/L	0.50	5	0	99.1	90	110			
Nitrate (As N)+Nitrite (As N)	3.528	mg/L	0.20	3.5	0	101	90	110			
Phosphorus, Orthophosphate (As P)	4.950	mg/L	0.50	5	0	99.0	90	110			
Sulfate	10.04	mg/L	0.50	10	0	100	90	110			
Sample ID: LCS		*LCS*				**Batch ID:**	**R40224**	**Analysis Date:**	**8/5/2010 4:01:15 PM**		
Fluoride	0.5411	mg/L	0.10	0.5	0	108	90	110			
Chloride	4.979	mg/L	0.50	5	0	99.6	90	110			
Nitrate (As N)+Nitrite (As N)	3.484	mg/L	0.20	3.5	0	99.5	90	110			
Phosphorus, Orthophosphate (As P)	4.946	mg/L	0.50	5	0	98.9	90	110			
Sulfate	10.04	mg/L	0.50	10	0	100	90	110			
Sample ID: LCS		*LCS*				**Batch ID:**	**R40266**	**Analysis Date:**	**8/9/2010 11:14:32 AM**		
Fluoride	0.4864	mg/L	0.10	0.5	0	97.3	90	110			
Chloride	4.894	mg/L	0.50	5	0	97.9	90	110			
Nitrate (As N)+Nitrite (As N)	3.458	mg/L	0.20	3.5	0	98.8	90	110			
Phosphorus, Orthophosphate (As P)	4.768	mg/L	0.50	5	0	95.4	90	110			
Sulfate	9.921	mg/L	0.50	10	0	99.2	90	110			

[illegible]ifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008082

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles											
Sample ID: 5ML RB		*MBLK*				**Batch ID: R40200**		**Analysis Date:**		**8/4/2010 9:05:02 AM**	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 5ML RB		*MBLK*				**Batch ID: R40279**		**Analysis Date:**		**8/9/2010 11:26:48 AM**	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 100NG BTEX CCV		*LCS*				**Batch ID: R40200**		**Analysis Date:**		**8/4/2010 12:33:26 PM**	
Benzene	19.54	µg/L	1.0	20	0	97.7	87.9	121			
Toluene	19.81	µg/L	1.0	20	0	99.1	83	124			
Ethylbenzene	19.30	µg/L	1.0	20	0.102	96.0	81.7	122			
Xylenes, Total	58.41	µg/L	2.0	60	0	97.4	85.6	121			
Sample ID: 100NG BTEX LCS		*LCS*				**Batch ID: R40279**		**Analysis Date:**		**8/10/2010 3:07:40 AM**	
Benzene	20.10	µg/L	1.0	20	0.132	99.9	87.9	121			
Toluene	20.79	µg/L	1.0	20	0	104	83	124			
Ethylbenzene	20.81	µg/L	1.0	20	0.138	103	81.7	122			
Xylenes, Total	63.04	µg/L	2.0	60	0	105	85.6	121			
Sample ID: 100NG BTEX LCSD		*LCSD*				**Batch ID: R40279**		**Analysis Date:**		**8/10/2010 3:37:56 AM**	
Benzene	20.71	µg/L	1.0	20	0.132	103	87.9	121	2.95	14.6	
Toluene	23.20	µg/L	1.0	20	0	116	83	124	11.0	18	
Ethylbenzene	24.17	µg/L	1.0	20	0.138	120	81.7	122	15.0	15.8	
Xylenes, Total	72.55	µg/L	2.0	60	0	121	85.6	121	14.0	15.9	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008082

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				**Batch ID: R40230**		**Analysis Date:**		**8/5/2010 9:29:56 AM**	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
·obenzene	ND	µg/L	1.0								
·oroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								

alifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008082

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				**Batch ID:**	**R40230**	**Analysis Date:**		**8/5/2010 9:29:56 AM**	
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: 100ng lcs-c		*LCS*				**Batch ID:**	**R40230**	**Analysis Date:**		**8/5/2010 8:46:41 PM**	
Benzene	18.59	µg/L	1.0	20	0	92.9	82.4	116			
Toluene	22.69	µg/L	1.0	20	0	113	89.5	123			
Chlorobenzene	22.62	µg/L	1.0	20	0	113	87.8	120			
1,1-Dichloroethene	20.74	µg/L	1.0	20	0	104	90.3	138			
Trichloroethene (TCE)	15.41	µg/L	1.0	20	0	77.1	64	129			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008082

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 6010B: Dissolved Metals											
Sample ID: MB		*MBLK*				**Batch ID: R40234**		**Analysis Date: 8/6/2010 11:12:39 AM**			
Calcium	ND	mg/L	1.0								
Magnesium	ND	mg/L	1.0								
Potassium	ND	mg/L	1.0								
Sodium	ND	mg/L	1.0								
Sample ID: MB		*MBLK*				**Batch ID: R40234**		**Analysis Date: 8/6/2010 3:48:38 PM**			
Calcium	ND	mg/L	1.0								
Magnesium	ND	mg/L	1.0								
Potassium	ND	mg/L	1.0								
Sodium	ND	mg/L	1.0								
Sample ID: LCS		*LCS*				**Batch ID: R40234**		**Analysis Date: 8/6/2010 11:15:31 AM**			
Calcium	51.63	mg/L	1.0	50.5	0	102	80	120			
Magnesium	52.02	mg/L	1.0	50.5	0	103	80	120			
Potassium	53.59	mg/L	1.0	55	0	97.4	80	120			
Sodium	54.32	mg/L	1.0	50.5	0	108	80	120			
Sample ID: LCS		*LCS*				**Batch ID: R40234**		**Analysis Date: 8/6/2010 3:51:40 PM**			
Calcium	51.05	mg/L	1.0	50.5	0	101	80	120			
Magnesium	51.59	mg/L	1.0	50.5	0	102	80	120			
Potassium	54.16	mg/L	1.0	55	0	98.5	80	120			
Sodium	54.88	mg/L	1.0	50.5	0	109	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name CYP | Date Received: 8/3/2010

Work Order Number 1008082 | Received by: MLW

Checklist completed by: Karen Stasiunas (Signature) Date 8/3/10 | Sample ID labels checked by: Initials A

Matrix: | Carrier name: UPS

Shipping container/cooler in good condition?	Yes ✔	No	Not Present	
Custody seals intact on shipping container/cooler?	Yes ✔	No	Not Present	Not Shipped
Custody seals intact on sample bottles?	Yes	No	N/A ✔	
Chain of custody present?	Yes ✔	No		
Chain of custody signed when relinquished and received?	Yes ✔	No		
Chain of custody agrees with sample labels?	Yes ✔	No		
Samples in proper container/bottle?	Yes ✔	No		
Sample containers intact?	Yes ✔	No		
Sufficient sample volume for indicated test?	Yes ✔	No		
All samples received within holding time?	Yes ✔	No		
Water - VOA vials have zero headspace?	No VOA vials submitted	Yes ✔	No	
Water - Preservation labels on bottle and cap match?	Yes ✔	No	N/A	
Water - pH acceptable upon receipt?	Yes ✔	No	N/A	
Container/Temp Blank temperature?	4.4°	<6° C Acceptable If given sufficient time to cool.		

Number of preserved bottles checked for pH: 2

<2 >12 unless noted below.

COMMENTS:

Client contacted | Date contacted: | Person contacted

Contacted by: | Regarding:

Comments:

Corrective Action

Chain-of-Custody Record

Client: Cypress Engineering
ATTN: George Robinson PE
Mailing Address: 4111 Highway 6 North Suite 102 Houston, TX 77084
Phone #: 281-797-3420
email or Fax#: george.robinson@cypressinc.us 281-797-1881
QA/QC Package: ☑ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time: ☑ Standard ☐ Rush
Project Name: TNP Roswell Station #9
Project #: Monthly Discharge Sampling 07/2010
Project Manager: Sandy Sharp
Sampler: CM Barnhill, PC
On Ice: ☑ Yes ☐ No
Sample Temperature: 4°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1008085
07/31/10	1900	H2O	Pre-Treatment	3x40mL VOA's	HCl	1
↓	↓	↓	Post-Air Stripper	↓	↓	2
↓	↓	↓	Between GAC's	↓	↓	3
07/31/10	1900	H2O	Post-Treatment	3x40mL VOA's	HCl	4
↓	↓	↓	" "	1x125mL plastic	None	
↓	↓	↓	" "	1x125mL plastic	H_2SO_4	
↓	↓	↓	*Field Filtered*	1x125mL plastic	HNO_3	
			Trip Blank	2x40mL VOA's	HCl	5

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Major Cations Na, Ca, K, Mg	By: 6010C *Field Filtered*	Air Bubbles (Y or N)
X													N
X													N
X													N
									X				N
							X						
							X						
							X				X		

Date:	Time:	Relinquished by:	Received by:	Date	Time
08/02/10	11:00			8/3/10	11:20
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Any questions: Please Call Sandy Sharp @ 281-797-3421

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, September 21, 2010

Sandra Sharp
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422

TEL: (281) 797-3420
FAX (281) 859-1881

RE: TWP Roswell Station #9

Order No.: 1008B83

Dear Sandra Sharp:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 8/31/2010 for the analyses presented in the following report.

This report is an addendum to the report dated September 14, 2010. This is an updated report.

No determination of compounds below these (denoted by the ND or < sign) has been made.

Reporting limits are determined by EPA methodology.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Sep-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Pre-Treatment
Lab Order:	1008B83	**Collection Date:**	8/30/2010 1:30:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/31/2010
Lab ID:	1008B83-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	1800	50		µg/L	50	9/3/2010 4:58:17 PM
Toluene	2600	50		µg/L	50	9/3/2010 4:58:17 PM
Ethylbenzene	150	50		µg/L	50	9/3/2010 4:58:17 PM
Xylenes, Total	1800	100		µg/L	50	9/3/2010 4:58:17 PM
Surr: 4-Bromofluorobenzene	98.9	83.6-151		%REC	50	9/3/2010 4:58:17 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Sep-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post-Air Stripper
Lab Order:	1008B83	**Collection Date:**	8/30/2010 1:30:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/31/2010
Lab ID:	1008B83-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	450	10		µg/L	10	9/3/2010 5:28:29 PM
Toluene	660	10		µg/L	10	9/3/2010 5:28:29 PM
Ethylbenzene	31	10		µg/L	10	9/3/2010 5:28:29 PM
Xylenes, Total	450	20		µg/L	10	9/3/2010 5:28:29 PM
Surr: 4-Bromofluorobenzene	112	83.6-151		%REC	10	9/3/2010 5:28:29 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Sep-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Between GAC's
Lab Order:	1008B83	**Collection Date:**	8/30/2010 1:30:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/31/2010
Lab ID:	1008B83-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	300	10		µg/L	10	9/7/2010 12:22:38 PM
Toluene	440	10		µg/L	10	9/7/2010 12:22:38 PM
Ethylbenzene	22	1.0		µg/L	1	9/3/2010 11:33:36 PM
Xylenes, Total	280	2.0		µg/L	1	9/3/2010 11:33:36 PM
Surr: 4-Bromofluorobenzene	127	83.6-151		%REC	1	9/3/2010 11:33:36 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Sep-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1008B83	**Collection Date:**	8/30/2010 1:30:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/31/2010
Lab ID:	1008B83-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						**Analyst: SRM**
Fluoride	1.2	0.10		mg/L	1	8/31/2010 7:32:38 PM
Chloride	460	10	E	mg/L	20	8/31/2010 7:50:03 PM
Nitrate (As N)+Nitrite (As N)	ND	4.0		mg/L	20	8/31/2010 7:50:03 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/31/2010 7:32:38 PM
Sulfate	1600	10	E	mg/L	20	8/31/2010 7:50:03 PM
EPA METHOD 6010B: DISSOLVED METALS						**Analyst: SNV**
Calcium	500	10		mg/L	10	9/2/2010 11:26:38 AM
Magnesium	150	10		mg/L	10	9/2/2010 11:26:38 AM
Potassium	2.8	1.0		mg/L	1	8/31/2010 4:47:54 PM
Sodium	210	10		mg/L	10	9/2/2010 11:26:38 AM
EPA METHOD 8260B: VOLATILES						**Analyst: DAM**
Benzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Toluene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Ethylbenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Naphthalene	ND	2.0		µg/L	1	9/1/2010 12:01:07 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	9/1/2010 12:01:07 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	9/1/2010 12:01:07 PM
Acetone	70	10		µg/L	1	9/1/2010 12:01:07 PM
Bromobenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Bromodichloromethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Bromoform	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Bromomethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
2-Butanone	ND	10		µg/L	1	9/1/2010 12:01:07 PM
Carbon disulfide	ND	10		µg/L	1	9/1/2010 12:01:07 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Chlorobenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Chloroethane	ND	2.0		µg/L	1	9/1/2010 12:01:07 PM
Chloroform	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Chloromethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
2-Chlorotoluene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
4-Chlorotoluene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
cis-1,2-DCE	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/1/2010 12:01:07 PM

Qualifiers:

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- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Sep-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1008B83	**Collection Date:**	8/30/2010 1:30:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	8/31/2010
Lab ID:	1008B83-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Dibromochloromethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Dibromomethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/1/2010 12:01:07 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
2-Hexanone	ND	10		µg/L	1	9/1/2010 12:01:07 PM
Isopropylbenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/1/2010 12:01:07 PM
Methylene Chloride	ND	3.0		µg/L	1	9/1/2010 12:01:07 PM
n-Butylbenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
n-Propylbenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
sec-Butylbenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Styrene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
tert-Butylbenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/1/2010 12:01:07 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
trans-1,2-DCE	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/1/2010 12:01:07 PM
Vinyl chloride	ND	1.0		µg/L	1	9/1/2010 12:01:07 PM
Xylenes, Total	ND	1.5		µg/L	1	9/1/2010 12:01:07 PM
Surr: 1,2-Dichloroethane-d4	111	54.6-141		%REC	1	9/1/2010 12:01:07 PM
Surr: 4-Bromofluorobenzene	113	60.1-133		%REC	1	9/1/2010 12:01:07 PM
Surr: Dibromofluoromethane	105	78.5-130		%REC	1	9/1/2010 12:01:07 PM
Surr: Toluene-d8	104	79.5-126		%REC	1	9/1/2010 12:01:07 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Sep-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1008B83	**Collection Date:**	
Project:	TWP Roswell Station #9	**Date Received:**	8/31/2010
Lab ID:	1008B83-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: DAM
Benzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Toluene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Ethylbenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Naphthalene	ND	2.0		µg/L	1	9/1/2010 1:20:46 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	9/1/2010 1:20:46 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	9/1/2010 1:20:46 PM
Acetone	ND	10		µg/L	1	9/1/2010 1:20:46 PM
Bromobenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Bromodichloromethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Bromoform	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Bromomethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
2-Butanone	ND	10		µg/L	1	9/1/2010 1:20:46 PM
Carbon disulfide	ND	10		µg/L	1	9/1/2010 1:20:46 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Chlorobenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Chloroethane	ND	2.0		µg/L	1	9/1/2010 1:20:46 PM
Chloroform	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Chloromethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
2-Chlorotoluene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
4-Chlorotoluene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
cis-1,2-DCE	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/1/2010 1:20:46 PM
Dibromochloromethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Dibromomethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/1/2010 1:20:46 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *21-Sep-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1008B83	**Collection Date:**	
Project:	TWP Roswell Station #9	**Date Received:**	8/31/2010
Lab ID:	1008B83-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						**Analyst: DAM**
2-Hexanone	ND	10		µg/L	1	9/1/2010 1:20:46 PM
Isopropylbenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/1/2010 1:20:46 PM
Methylene Chloride	ND	3.0		µg/L	1	9/1/2010 1:20:46 PM
n-Butylbenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
n-Propylbenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
sec-Butylbenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Styrene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
tert-Butylbenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/1/2010 1:20:46 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
trans-1,2-DCE	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/1/2010 1:20:46 PM
Vinyl chloride	ND	1.0		µg/L	1	9/1/2010 1:20:46 PM
Xylenes, Total	ND	1.5		µg/L	1	9/1/2010 1:20:46 PM
Surr: 1,2-Dichloroethane-d4	105	54.6-141		%REC	1	9/1/2010 1:20:46 PM
Surr: 4-Bromofluorobenzene	109	60.1-133		%REC	1	9/1/2010 1:20:46 PM
Surr: Dibromofluoromethane	108	78.5-130		%REC	1	9/1/2010 1:20:46 PM
Surr: Toluene-d8	104	79.5-126		%REC	1	9/1/2010 1:20:46 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008B83

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions											
Sample ID: MB		*MBLK*				Batch ID:	R40703	Analysis Date:		8/31/2010 12:34:51 PM	
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.50								
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20								
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50								
Sulfate	ND	mg/L	0.50								
Sample ID: LCS		*LCS*				Batch ID:	R40703	Analysis Date:		8/31/2010 12:52:15 PM	
Fluoride	0.5421	mg/L	0.10	0.5	0	108	90	110			
Chloride	5.195	mg/L	0.50	5	0	104	90	110			
Nitrate (As N)+Nitrite (As N)	3.660	mg/L	0.20	3.5	0	105	90	110			
Phosphorus, Orthophosphate (As P)	5.277	mg/L	0.50	5	0	106	90	110			
Sulfate	10.72	mg/L	0.50	10	0	107	90	110			
Method: EPA Method 8021B: Volatiles											
Sample ID: 1008B83-03A MSD		*MSD*				Batch ID:	R40804	Analysis Date:		9/3/2010 6:31:00 PM	
Benzene	254.9	µg/L	1.0	20	242.1	64.0	87.7	108	3.84	13.8	SE
Toluene	345.7	µg/L	1.0	20	335.3	51.8	84.2	115	3.46	17.1	SE
Ethylbenzene	41.83	µg/L	1.0	20	22.39	97.2	81.3	115	4.92	15.3	
es, Total	335.9	µg/L	2.0	60	284.3	86.1	83	118	3.62	13	E
Sample ID: 5ML RB		*MBLK*				Batch ID:	R40804	Analysis Date:		9/3/2010 9:25:49 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 100NG BTEX LCS		*LCS*				Batch ID:	R40804	Analysis Date:		9/3/2010 7:31:21 PM	
Benzene	19.95	µg/L	1.0	20	0.136	99.1	84.7	118			
Toluene	19.43	µg/L	1.0	20	0	97.2	82	123			
Ethylbenzene	18.30	µg/L	1.0	20	0.128	90.9	83	118			
Xylenes, Total	57.45	µg/L	2.0	60	0	95.7	85.4	119			
Sample ID: 1008B83-03A MS		*MS*				Batch ID:	R40804	Analysis Date:		9/3/2010 5:58:47 PM	
Benzene	245.3	µg/L	1.0	20	242.1	16.0	87.7	108			SE
Toluene	333.9	µg/L	1.0	20	335.3	-7.10	84.2	115			SE
Ethylbenzene	39.82	µg/L	1.0	20	22.39	87.2	81.3	115			
Xylenes, Total	324.0	µg/L	2.0	60	284.3	66.3	83	118			SE

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008B83

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 1008b83-04a msd		*MSD*				Batch ID: **R40732**		Analysis Date:		9/1/2010 12:54:04 PM	
Benzene	20.77	µg/L	1.0	20	0.4	102	75.7	118	7.03	15	
Toluene	20.37	µg/L	1.0	20	0.482	99.4	80.1	114	2.81	15	
Chlorobenzene	20.28	µg/L	1.0	20	0	101	81.5	112	3.28	15	
1,1-Dichloroethene	20.99	µg/L	1.0	20	0	105	77.4	132	10.2	17.8	
Trichloroethene (TCE)	19.71	µg/L	1.0	20	0	98.6	61.1	121	7.31	19.8	
Sample ID: 5ml rb		*MBLK*				Batch ID: **R40732**		Analysis Date:		9/1/2010 10:15:47 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008B83

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				Batch ID:	**R40732**	Analysis Date:	9/1/2010 10:15:47 AM		
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
s-1,3-Dichloropropene	ND	µg/L	1.0								
,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R40732**	Analysis Date:	9/1/2010 11:08:34 AM		
Benzene	20.00	µg/L	1.0	20	0	100	82.4	116			
Toluene	19.65	µg/L	1.0	20	0	98.3	89.5	123			
Chlorobenzene	19.95	µg/L	1.0	20	0	99.8	87.8	120			
1,1-Dichloroethene	20.22	µg/L	1.0	20	0	101	90.3	138			
Trichloroethene (TCE)	19.66	µg/L	1.0	20	0	98.3	64	129			
Sample ID: 1008b83-04a ms		*MS*				Batch ID:	**R40732**	Analysis Date:	9/1/2010 12:27:40 PM		
Benzene	19.36	µg/L	1.0	20	0.4	94.8	75.7	118			
Toluene	19.80	µg/L	1.0	20	0.482	96.6	80.1	114			
Chlorobenzene	19.62	µg/L	1.0	20	0	98.1	81.5	112			
1,1-Dichloroethene	18.96	µg/L	1.0	20	0	94.8	77.4	132			
Trichloroethene (TCE)	18.32	µg/L	1.0	20	0	91.6	61.1	121			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP Roswell Station #9 **Work Order:** 1008B83

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 6010B: Dissolved Metals											
Sample ID: MB		*MBLK*				**Batch ID:**	**R40699**	**Analysis Date:**		8/31/2010 3:16:22 PM	
Calcium	ND	mg/L	1.0								
Magnesium	ND	mg/L	1.0								
Potassium	ND	mg/L	1.0								
Sodium	ND	mg/L	1.0								
Sample ID: LCS		*LCS*				**Batch ID:**	**R40699**	**Analysis Date:**		8/31/2010 3:24:06 PM	
Calcium	55.09	mg/L	1.0	50.5	0	109	80	120			
Magnesium	55.06	mg/L	1.0	50.5	0	109	80	120			
Potassium	58.05	mg/L	1.0	55	0	106	80	120			
Sodium	58.12	mg/L	1.0	50.5	0.3443	114	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Chain-of-Custody Record

Client: Cypress Engineering
ATTN: George Robinson PE
Mailing Address: 777 Highway 6 North Suite 102 Houston, TX 77095
Phone #: 281-797-3420
email or Fax#: george.robinson@cypressinc.us
QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time: ☒ Standard ☐ Rush
Project Name: TWP Roswell Station #9
Project #: Monthly Discharge Sampling 08/2010
Project Manager: Sandy Sharp
Sampler: CM Barnhill, PG
On Ice: ☒ Yes ☐ No
Sample Temperature: 4.5

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1008383	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F^-, Cl^-, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Major Cations Na, Ca, K, Mg By 6010 c	*Field Filtered*	Air Bubbles (Y or N)
08/30/10	1330	H_2O	Pre-Treatment	3x40mL VOA's	HCl	1	X													N
↓	↓	↓	Post-Air Stripper	↓	↓	2	X													N
↓	↓	↓	Between GAC's	↓	↓	3	X													N
08/30/10	1330	H_2O	Post-Treatment	3x40mL VOA's	HCl	4										X				N
↓	↓	H_2O	" "	1x250mL plastic	None	4								X	X					
↓	↓	H_2O	" "	1x125mL plastic	H_2SO_4	4								X	X					
↓	↓	H_2O	" "	1x125mL plastic	HNO_3	4								X	X		X			
			Field Filtered																	
			Trip Blank	2x40mL VOA's	HCl	5														

Date	Time	Relinquished by:	Received by:	Date	Time
08/30/10	1530		M. Walters	8/31/10	1050
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Any Questions Please Call Sandy Sharp @ 281-797-3421

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, February 03, 2011

Sandra Sharp
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422

TEL: (281) 797-3420
FAX (281) 859-1881

RE: TWP Roswell Station #9

Order No.: 1011489

Dear Sandra Sharp:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 11/11/2010 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued December 13, 2010.

No determination of compounds below these (denoted by the ND or < sign) has been made.

Reporting limits are determined by EPA methodology.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-11*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Pre-Treatment
Lab Order:	1011489	**Collection Date:**	11/10/2010 12:20:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	11/11/2010
Lab ID:	1011489-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DAM**
Benzene	2400	50		µg/L	50	11/12/2010 11:32:02 PM
Toluene	3900	50		µg/L	50	11/12/2010 11:32:02 PM
Ethylbenzene	220	50		µg/L	50	11/12/2010 11:32:02 PM
Xylenes, Total	2100	150		µg/L	50	11/12/2010 11:32:02 PM
Surr: 4-Bromofluorobenzene	103	76.4-106		%REC	50	11/12/2010 11:32:02 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-11*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post-Air Stripper
Lab Order:	1011489	**Collection Date:**	11/10/2010 12:20:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	11/11/2010
Lab ID:	1011489-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DAM**
Benzene	59	10		µg/L	10	11/12/2010 11:59:27 PM
Toluene	97	10		µg/L	10	11/12/2010 11:59:27 PM
Ethylbenzene	ND	10		µg/L	10	11/12/2010 11:59:27 PM
Xylenes, Total	65	30		µg/L	10	11/12/2010 11:59:27 PM
Surr: 4-Bromofluorobenzene	101	76.4-106		%REC	10	11/12/2010 11:59:27 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-11*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Between GAC's
Lab Order:	1011489	**Collection Date:**	11/10/2010 12:20:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	11/11/2010
Lab ID:	1011489-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	11/13/2010 12:54:13 AM
Toluene	ND	1.0		µg/L	1	11/13/2010 12:54:13 AM
Ethylbenzene	ND	1.0		µg/L	1	11/13/2010 12:54:13 AM
Xylenes, Total	ND	3.0		µg/L	1	11/13/2010 12:54:13 AM
Surr: 4-Bromofluorobenzene	94.1	76.4-106		%REC	1	11/13/2010 12:54:13 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-11*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1011489	**Collection Date:**	11/10/2010 12:20:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	11/11/2010
Lab ID:	1011489-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SRM**
Fluoride	1.0	0.10		mg/L	1	11/12/2010 2:12:11 AM
Chloride	480	10	E	mg/L	20	11/12/2010 1:19:57 AM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	11/12/2010 1:19:57 AM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	11/12/2010 2:12:11 AM
Phosphorus, Orthophosphate (As P)	1.1	0.50		mg/L	1	11/12/2010 2:12:11 AM
Sulfate	1300	10	E	mg/L	20	11/12/2010 1:19:57 AM
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Toluene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Ethylbenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Naphthalene	ND	2.0		µg/L	1	11/13/2010 1:21:38 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	11/13/2010 1:21:38 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	11/13/2010 1:21:38 AM
Acetone	ND	10		µg/L	1	11/13/2010 1:21:38 AM
Bromobenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Bromodichloromethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Bromoform	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Bromomethane	ND	3.0		µg/L	1	11/13/2010 1:21:38 AM
2-Butanone	ND	10		µg/L	1	11/13/2010 1:21:38 AM
Carbon disulfide	ND	10		µg/L	1	11/13/2010 1:21:38 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Chlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Chloroethane	ND	2.0		µg/L	1	11/13/2010 1:21:38 AM
Chloroform	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Chloromethane	ND	3.0		µg/L	1	11/13/2010 1:21:38 AM
2-Chlorotoluene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
4-Chlorotoluene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
cis-1,2-DCE	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/13/2010 1:21:38 AM
Dibromochloromethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Dibromomethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-11*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Post Treatment
Lab Order:	1011489	**Collection Date:**	11/10/2010 12:20:00 PM
Project:	TWP Roswell Station #9	**Date Received:**	11/11/2010
Lab ID:	1011489-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/13/2010 1:21:38 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
2-Hexanone	ND	10		µg/L	1	11/13/2010 1:21:38 AM
Isopropylbenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/13/2010 1:21:38 AM
Methylene Chloride	ND	3.0		µg/L	1	11/13/2010 1:21:38 AM
n-Butylbenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
n-Propylbenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
sec-Butylbenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Styrene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
tert-Butylbenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/13/2010 1:21:38 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
trans-1,2-DCE	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/13/2010 1:21:38 AM
Vinyl chloride	ND	1.0		µg/L	1	11/13/2010 1:21:38 AM
Xylenes, Total	ND	1.5		µg/L	1	11/13/2010 1:21:38 AM
Surr: 1,2-Dichloroethane-d4	96.7	77.7-113		%REC	1	11/13/2010 1:21:38 AM
Surr: 4-Bromofluorobenzene	103	76.4-106		%REC	1	11/13/2010 1:21:38 AM
Surr: Dibromofluoromethane	102	91.6-125		%REC	1	11/13/2010 1:21:38 AM
Surr: Toluene-d8	102	92.3-107		%REC	1	11/13/2010 1:21:38 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-11*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1011489	**Collection Date:**	
Project:	TWP Roswell Station #9	**Date Received:**	11/11/2010
Lab ID:	1011489-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Toluene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Ethylbenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Naphthalene	ND	2.0		µg/L	1	11/13/2010 1:48:59 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	11/13/2010 1:48:59 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	11/13/2010 1:48:59 AM
Acetone	ND	10		µg/L	1	11/13/2010 1:48:59 AM
Bromobenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Bromodichloromethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Bromoform	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Bromomethane	ND	3.0		µg/L	1	11/13/2010 1:48:59 AM
2-Butanone	ND	10		µg/L	1	11/13/2010 1:48:59 AM
Carbon disulfide	ND	10		µg/L	1	11/13/2010 1:48:59 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Chlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Chloroethane	ND	2.0		µg/L	1	11/13/2010 1:48:59 AM
Chloroform	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Chloromethane	ND	3.0		µg/L	1	11/13/2010 1:48:59 AM
2-Chlorotoluene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
4-Chlorotoluene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
cis-1,2-DCE	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/13/2010 1:48:59 AM
Dibromochloromethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Dibromomethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/13/2010 1:48:59 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Feb-11*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1011489	**Collection Date:**	
Project:	TWP Roswell Station #9	**Date Received:**	11/11/2010
Lab ID:	1011489-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DAM**
2-Hexanone	ND	10		µg/L	1	11/13/2010 1:48:59 AM
Isopropylbenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/13/2010 1:48:59 AM
Methylene Chloride	ND	3.0		µg/L	1	11/13/2010 1:48:59 AM
n-Butylbenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
n-Propylbenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
sec-Butylbenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Styrene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
tert-Butylbenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/13/2010 1:48:59 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
trans-1,2-DCE	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/13/2010 1:48:59 AM
Vinyl chloride	ND	1.0		µg/L	1	11/13/2010 1:48:59 AM
Xylenes, Total	ND	1.5		µg/L	1	11/13/2010 1:48:59 AM
Surr: 1,2-Dichloroethane-d4	98.7	77.7-113		%REC	1	11/13/2010 1:48:59 AM
Surr: 4-Bromofluorobenzene	98.5	76.4-106		%REC	1	11/13/2010 1:48:59 AM
Surr: Dibromofluoromethane	101	91.6-125		%REC	1	11/13/2010 1:48:59 AM
Surr: Toluene-d8	101	92.3-107		%REC	1	11/13/2010 1:48:59 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

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Est. 1970

REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

November 19, 2010

Date Received : November 12, 2010
Description : 1011489

Sample ID : POST TREATMENT

Collected By :
Collection Date : 11/10/10 12:20

ESC Sample # : L488763-01

Site ID :

Project # : 1011489

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	430	0.50	mg/l	6010B	11/19/10	1
Magnesium, Dissolved	130	0.10	mg/l	6010B	11/19/10	1
Potassium, Dissolved	3.1	0.50	mg/l	6010B	11/19/10	1
Sodium, Dissolved	220	0.50	mg/l	6010B	11/19/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

Reported: 11/19/10 10:23 Printed: 11/19/10 10:24

Chain-of-Custody Record

Client: Cypress Engineering
Attn: George Robinson PE
Mailing Address: 11111 Richway 6 North Suite 102 Houston, Tx 77065
Phone #: 281-797-3420
email or Fax#: george.robinson@cypressinc.us
QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time: ☒ Standard ☐ Rush
Project Name: Twp Roswell Station #9
Project #: Monthly Discharge Sampling 11/2010
Project Manager: Sandra Sharp
Sampler: CM Barnhill, PE
On Ice: ☒ Yes ☐ No
Sample Temperature: 1.0°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1010189	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Major Cations	Na, Ca, K, Mg By 6010 c + Fe	Fe Total	Air Bubbles (Y or N)
11/10/10	12:20	H_2O	Pre-Treatment	3x40mL VOA's	HCl	-1	X														N
↓	↓	↓	Post-Air Stripper	↓	↓	-2	X														N
↓	↓	↓	Between GAC's	↓	↓	-3	X														N
11/10/10	12:20	H_2O	Post Treatment	3x40mL VOA's	HCl	-4										X					N
↓	↓	↓	" " "	1x 125mL P	None	-4								X							
↓	↓	↓	" " "	1x125mL P	H_2SO_4	-4								X							
↓	↓	↓	" x Field Filtered	1x125mL P	HNO_3	-4								X				X			
			Trip Blank	2x40mL VOA's	HCl	-5															

Date:	Time:	Relinquished by:	Received by:	Date	Time
11/10/10	1500		Heather C. Davidson	11/11/2010	12:34
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Any Questions Please Call Sandy Sharpe 281-797-3421

If necess[ary] samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. Th[is] [serv]es as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical re[port]

LABORATORY REPORTS
FOR GROUNDWATER SAMPLES

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, April 06, 2010

George Robinson
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422

TEL: (281) 797-3420
FAX (281) 859-1881

RE: Transwestern Pipeline Co Roswell Station

Order No.: 1004004

Dear George Robinson:

Hall Environmental Analysis Laboratory, Inc. received 9 sample(s) on 4/1/2010 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-34
Lab Order:	1004004	**Collection Date:**	3/30/2010 12:05:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	4/3/2010 12:10:36 AM
Toluene	ND	1.0		µg/L	1	4/3/2010 12:10:36 AM
Ethylbenzene	ND	1.0		µg/L	1	4/3/2010 12:10:36 AM
Xylenes, Total	ND	2.0		µg/L	1	4/3/2010 12:10:36 AM
Surr: 4-Bromofluorobenzene	95.0	65.9-130		%REC	1	4/3/2010 12:10:36 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-35
Lab Order:	1004004	**Collection Date:**	3/30/2010 1:20:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	4/3/2010 12:40:56 AM
Toluene	ND	1.0		µg/L	1	4/3/2010 12:40:56 AM
Ethylbenzene	ND	1.0		µg/L	1	4/3/2010 12:40:56 AM
Xylenes, Total	ND	2.0		µg/L	1	4/3/2010 12:40:56 AM
Surr: 4-Bromofluorobenzene	91.1	65.9-130		%REC	1	4/3/2010 12:40:56 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-32
Lab Order:	1004004	**Collection Date:**	3/30/2010 1:50:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	4/3/2010 1:11:10 AM
Toluene	ND	1.0		µg/L	1	4/3/2010 1:11:10 AM
Ethylbenzene	ND	1.0		µg/L	1	4/3/2010 1:11:10 AM
Xylenes, Total	ND	2.0		µg/L	1	4/3/2010 1:11:10 AM
Surr: 4-Bromofluorobenzene	88.9	65.9-130		%REC	1	4/3/2010 1:11:10 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-29
Lab Order:	1004004	**Collection Date:**	3/30/2010 2:30:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	1.4	1.0		µg/L	1	4/3/2010 1:41:29 AM
Toluene	ND	1.0		µg/L	1	4/3/2010 1:41:29 AM
Ethylbenzene	ND	1.0		µg/L	1	4/3/2010 1:41:29 AM
Xylenes, Total	ND	2.0		µg/L	1	4/3/2010 1:41:29 AM
Surr: 4-Bromofluorobenzene	93.3	65.9-130		%REC	1	4/3/2010 1:41:29 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-22
Lab Order:	1004004	**Collection Date:**	3/30/2010 3:05:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Toluene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Ethylbenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Naphthalene	ND	2.0		µg/L	1	4/2/2010 6:57:29 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 6:57:29 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 6:57:29 AM
Acetone	ND	10		µg/L	1	4/2/2010 6:57:29 AM
Bromobenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Bromoform	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Bromomethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
2-Butanone	ND	10		µg/L	1	4/2/2010 6:57:29 AM
Carbon disulfide	ND	10		µg/L	1	4/2/2010 6:57:29 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Chlorobenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Chloroethane	ND	2.0		µg/L	1	4/2/2010 6:57:29 AM
Chloroform	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Chloromethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/2/2010 6:57:29 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Dibromomethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,1-Dichloroethene	1.1	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/2/2010 6:57:29 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-22
Lab Order:	1004004	**Collection Date:**	3/30/2010 3:05:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2-Hexanone	ND	10		µg/L	1	4/2/2010 6:57:29 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/2/2010 6:57:29 AM
Methylene Chloride	ND	3.0		µg/L	1	4/2/2010 6:57:29 AM
n-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Styrene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/2/2010 6:57:29 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/2/2010 6:57:29 AM
Vinyl chloride	ND	1.0		µg/L	1	4/2/2010 6:57:29 AM
Xylenes, Total	ND	1.5		µg/L	1	4/2/2010 6:57:29 AM
Surr: 1,2-Dichloroethane-d4	108	54.6-141		%REC	1	4/2/2010 6:57:29 AM
Surr: 4-Bromofluorobenzene	117	60.1-133		%REC	1	4/2/2010 6:57:29 AM
Surr: Dibromofluoromethane	112	78.5-130		%REC	1	4/2/2010 6:57:29 AM
Surr: Toluene-d8	101	79.5-126		%REC	1	4/2/2010 6:57:29 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-26
Lab Order:	1004004	**Collection Date:**	3/30/2010 3:45:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Toluene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Ethylbenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Naphthalene	ND	2.0		µg/L	1	4/2/2010 7:25:07 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 7:25:07 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 7:25:07 AM
Acetone	ND	10		µg/L	1	4/2/2010 7:25:07 AM
Bromobenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Bromoform	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Bromomethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
2-Butanone	ND	10		µg/L	1	4/2/2010 7:25:07 AM
Carbon disulfide	ND	10		µg/L	1	4/2/2010 7:25:07 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Chlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Chloroethane	ND	2.0		µg/L	1	4/2/2010 7:25:07 AM
Chloroform	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Chloromethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/2/2010 7:25:07 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Dibromomethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,1-Dichloroethane	5.5	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,1-Dichloroethene	60	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/2/2010 7:25:07 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-26
Lab Order:	1004004	**Collection Date:**	3/30/2010 3:45:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2-Hexanone	ND	10		µg/L	1	4/2/2010 7:25:07 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/2/2010 7:25:07 AM
Methylene Chloride	ND	3.0		µg/L	1	4/2/2010 7:25:07 AM
n-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Styrene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/2/2010 7:25:07 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/2/2010 7:25:07 AM
Vinyl chloride	ND	1.0		µg/L	1	4/2/2010 7:25:07 AM
Xylenes, Total	ND	1.5		µg/L	1	4/2/2010 7:25:07 AM
Surr: 1,2-Dichloroethane-d4	111	54.6-141		%REC	1	4/2/2010 7:25:07 AM
Surr: 4-Bromofluorobenzene	115	60.1-133		%REC	1	4/2/2010 7:25:07 AM
Surr: Dibromofluoromethane	113	78.5-130		%REC	1	4/2/2010 7:25:07 AM
Surr: Toluene-d8	99.8	79.5-126		%REC	1	4/2/2010 7:25:07 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-20
Lab Order:	1004004	**Collection Date:**	3/30/2010 4:45:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Toluene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Ethylbenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Naphthalene	ND	2.0		µg/L	1	4/2/2010 7:52:49 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 7:52:49 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 7:52:49 AM
Acetone	ND	10		µg/L	1	4/2/2010 7:52:49 AM
Bromobenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Bromoform	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Bromomethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
2-Butanone	ND	10		µg/L	1	4/2/2010 7:52:49 AM
Carbon disulfide	ND	10		µg/L	1	4/2/2010 7:52:49 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Chlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Chloroethane	ND	2.0		µg/L	1	4/2/2010 7:52:49 AM
Chloroform	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Chloromethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/2/2010 7:52:49 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Dibromomethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,1-Dichloroethane	13	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,1-Dichloroethene	28	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/2/2010 7:52:49 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-20
Lab Order:	1004004	**Collection Date:**	3/30/2010 4:45:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2-Hexanone	ND	10		µg/L	1	4/2/2010 7:52:49 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/2/2010 7:52:49 AM
Methylene Chloride	ND	3.0		µg/L	1	4/2/2010 7:52:49 AM
n-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Styrene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/2/2010 7:52:49 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/2/2010 7:52:49 AM
Vinyl chloride	ND	1.0		µg/L	1	4/2/2010 7:52:49 AM
Xylenes, Total	ND	1.5		µg/L	1	4/2/2010 7:52:49 AM
Surr: 1,2-Dichloroethane-d4	110	54.6-141		%REC	1	4/2/2010 7:52:49 AM
Surr: 4-Bromofluorobenzene	112	60.1-133		%REC	1	4/2/2010 7:52:49 AM
Surr: Dibromofluoromethane	113	78.5-130		%REC	1	4/2/2010 7:52:49 AM
Surr: Toluene-d8	102	79.5-126		%REC	1	4/2/2010 7:52:49 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-42
Lab Order:	1004004	**Collection Date:**	3/30/2010 5:45:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Toluene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Ethylbenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Naphthalene	ND	2.0		µg/L	1	4/2/2010 8:20:30 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 8:20:30 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 8:20:30 AM
Acetone	ND	10		µg/L	1	4/2/2010 8:20:30 AM
Bromobenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Bromoform	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Bromomethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
2-Butanone	ND	10		µg/L	1	4/2/2010 8:20:30 AM
Carbon disulfide	ND	10		µg/L	1	4/2/2010 8:20:30 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Chlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Chloroethane	ND	2.0		µg/L	1	4/2/2010 8:20:30 AM
Chloroform	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Chloromethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/2/2010 8:20:30 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Dibromomethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,1-Dichloroethane	13	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,1-Dichloroethene	28	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/2/2010 8:20:30 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-42
Lab Order:	1004004	**Collection Date:**	3/30/2010 5:45:00 PM
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2-Hexanone	ND	10		µg/L	1	4/2/2010 8:20:30 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/2/2010 8:20:30 AM
Methylene Chloride	ND	3.0		µg/L	1	4/2/2010 8:20:30 AM
n-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Styrene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/2/2010 8:20:30 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/2/2010 8:20:30 AM
Vinyl chloride	ND	1.0		µg/L	1	4/2/2010 8:20:30 AM
Xylenes, Total	ND	1.5		µg/L	1	4/2/2010 8:20:30 AM
Surr: 1,2-Dichloroethane-d4	101	54.6-141		%REC	1	4/2/2010 8:20:30 AM
Surr: 4-Bromofluorobenzene	115	60.1-133		%REC	1	4/2/2010 8:20:30 AM
Surr: Dibromofluoromethane	107	78.5-130		%REC	1	4/2/2010 8:20:30 AM
Surr: Toluene-d8	108	79.5-126		%REC	1	4/2/2010 8:20:30 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1004004	**Collection Date:**	
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-09	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Toluene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Ethylbenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Naphthalene	ND	2.0		µg/L	1	4/2/2010 8:48:15 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 8:48:15 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2010 8:48:15 AM
Acetone	ND	10		µg/L	1	4/2/2010 8:48:15 AM
Bromobenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Bromoform	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Bromomethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
2-Butanone	ND	10		µg/L	1	4/2/2010 8:48:15 AM
Carbon disulfide	ND	10		µg/L	1	4/2/2010 8:48:15 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Chlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Chloroethane	ND	2.0		µg/L	1	4/2/2010 8:48:15 AM
Chloroform	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Chloromethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/2/2010 8:48:15 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Dibromomethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/2/2010 8:48:15 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Apr-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	1004004	**Collection Date:**	
Project:	Transwestern Pipeline Co Roswell Station	**Date Received:**	4/1/2010
Lab ID:	1004004-09	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2-Hexanone	ND	10		µg/L	1	4/2/2010 8:48:15 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/2/2010 8:48:15 AM
Methylene Chloride	ND	3.0		µg/L	1	4/2/2010 8:48:15 AM
n-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Styrene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/2/2010 8:48:15 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/2/2010 8:48:15 AM
Vinyl chloride	ND	1.0		µg/L	1	4/2/2010 8:48:15 AM
Xylenes, Total	ND	1.5		µg/L	1	4/2/2010 8:48:15 AM
Surr: 1,2-Dichloroethane-d4	107	54.6-141		%REC	1	4/2/2010 8:48:15 AM
Surr: 4-Bromofluorobenzene	107	60.1-133		%REC	1	4/2/2010 8:48:15 AM
Surr: Dibromofluoromethane	110	78.5-130		%REC	1	4/2/2010 8:48:15 AM
Surr: Toluene-d8	113	79.5-126		%REC	1	4/2/2010 8:48:15 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: Transwestern Pipeline Co Roswell Station **Work Order:** 1004004

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles											
Sample ID: 5ML RB		*MBLK*				Batch ID:	**R38051**	Analysis Date:		4/2/2010 8:57:38 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 100NG BTEX LCS		*LCS*				Batch ID:	**R38051**	Analysis Date:		4/2/2010 12:59:44 PM	
Benzene	20.71	µg/L	1.0	20	0	104	85.9	113			
Toluene	20.86	µg/L	1.0	20	0	104	86.4	113			
Ethylbenzene	20.45	µg/L	1.0	20	0	102	83.5	118			
Xylenes, Total	62.26	µg/L	2.0	60	0	104	83.4	122			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: Transwestern Pipeline Co Roswell Station **Work Order:** 1004004

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				Batch ID: **R38029**		Analysis Date: 4/1/2010 12:03:26 PM			
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
robenzene	ND	µg/L	1.0								
oroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: Transwestern Pipeline Co Roswell Station **Work Order:** 1004004

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		*MBLK*				Batch ID: **R38029**		Analysis Date:	4/1/2010 12:03:26 PM		
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: b5		*MBLK*				Batch ID: **R38029**		Analysis Date:	4/2/2010 1:53:04 AM		
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: Transwestern Pipeline Co Roswell Station **Work Order:** 1004004

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b5		*MBLK*				Batch ID: **R38029**		Analysis Date:	4/2/2010 1:53:04 AM		
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
:anone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: 100ng lcs		*LCS*				Batch ID: **R38029**		Analysis Date:	4/1/2010 1:26:22 PM		

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: Transwestern Pipeline Co Roswell Station **Work Order:** 1004004

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R38029**	Analysis Date:		4/1/2010 1:26:22 PM	
Benzene	19.71	µg/L	1.0	20	0	98.5	76.7	114			
Toluene	21.77	µg/L	1.0	20	0	109	78.4	117			
Chlorobenzene	20.14	µg/L	1.0	20	0	101	80.7	127			
1,1-Dichloroethene	23.37	µg/L	1.0	20	0	117	80.2	128			
Trichloroethene (TCE)	17.26	µg/L	1.0	20	0	86.3	77.4	115			
Sample ID: 100ng lcs_b		*LCS*				Batch ID:	**R38029**	Analysis Date:		4/2/2010 1:25:23 AM	
Benzene	19.06	µg/L	1.0	20	0	95.3	76.7	114			
Toluene	20.91	µg/L	1.0	20	0	105	78.4	117			
Chlorobenzene	20.26	µg/L	1.0	20	0	101	80.7	127			
1,1-Dichloroethene	23.34	µg/L	1.0	20	0	117	80.2	128			
Trichloroethene (TCE)	17.87	µg/L	1.0	20	0	89.4	77.4	115			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name **CYP** Date Received: **4/1/2010**

Work Order Number **1004004** Received by: **ARS**

Checklist completed by: _____ 4/1/10 Sample ID labels checked by: TS/MB
Signature Date Initials

Matrix: Carrier name: Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**1.9°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: Ok per S.S. Correct time on MW-42 is 17:45. 4/1

Corrective Action _____

Chain-of-Custody Record

Client: Cypress Engineering Services
7171 Hwy 6 North, Ste 102
Mailing Address: ~~Roswell, NM~~
Houston TX 77095
Phone #: 281 797 3421
email or Fax#: 2818594881
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____
Project Name:
Transwestern Pipeline Co Roswell Station
Project #:
TNP Roswell
Project Manager:
George Robinson
Sampler: Sandy Sharp
On Ice: ☑ Yes ☐ No
Sample Temperature: 1

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1000604	Analysis Request: BTEX + ~~MTBE + TMBs~~ (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
3/30/10	1205	W	MW-34	3/40ml	HCl	1	X									X						
	1320		MW-35			2	X															
	1350		MW-32			3	X															
	1430		MW-29			4	X															
	1505		MW-22			5										X						
	1545		MW-26			6										X						
	1645		MW-20			7										X						
~~1754~~	1745		MW-42			8										X						
—	—	✓	TRIP BLANK	2/40ml	✓	9																

Remarks:

Date:	Time:	Relinquished by:	Received by:	Date	Time
3/31/10	0730			4/1/10	10:10
Date:	Time:	Relinquished by:	Received by:	Date	Time

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, October 07, 2010

George Robinson
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422

TEL: (281) 797-3420
FAX (281) 859-1881

RE: Transwestern Pipeline Company Roswell Station

Order No.: 1009C18

Dear George Robinson:

Hall Environmental Analysis Laboratory, Inc. received 15 sample(s) on 9/28/2010 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-13
Lab Order:	1009c18	**Collection Date:**	9/24/2010 4:30:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 6:39:57 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 6:39:57 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 6:39:57 PM
Xylenes, Total	ND	3.0		µg/L	1	10/1/2010 6:39:57 PM
Surr: 1,2-Dichloroethane-d4	99.0	54.6-141		%REC	1	10/1/2010 6:39:57 PM
Surr: 4-Bromofluorobenzene	115	60.1-133		%REC	1	10/1/2010 6:39:57 PM
Surr: Dibromofluoromethane	101	78.5-130		%REC	1	10/1/2010 6:39:57 PM
Surr: Toluene-d8	104	79.5-126		%REC	1	10/1/2010 6:39:57 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
NC	Non-Chlorinated
PQL	Practical Quantitation Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-21
Lab Order:	1009c18	**Collection Date:**	9/23/2010 4:10:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 8:02:40 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 8:02:40 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 8:02:40 PM
Xylenes, Total	ND	3.0		µg/L	1	10/1/2010 8:02:40 PM
Surr: 1,2-Dichloroethane-d4	103	54.6-141		%REC	1	10/1/2010 8:02:40 PM
Surr: 4-Bromofluorobenzene	116	60.1-133		%REC	1	10/1/2010 8:02:40 PM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	10/1/2010 8:02:40 PM
Surr: Toluene-d8	106	79.5-126		%REC	1	10/1/2010 8:02:40 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-29
Lab Order:	1009c18	**Collection Date:**	9/23/2010 1:05:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	1.3	1.0		µg/L	1	10/1/2010 8:30:11 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 8:30:11 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 8:30:11 PM
Xylenes, Total	ND	3.0		µg/L	1	10/1/2010 8:30:11 PM
Surr: 1,2-Dichloroethane-d4	97.1	54.6-141		%REC	1	10/1/2010 8:30:11 PM
Surr: 4-Bromofluorobenzene	115	60.1-133		%REC	1	10/1/2010 8:30:11 PM
Surr: Dibromofluoromethane	98.4	78.5-130		%REC	1	10/1/2010 8:30:11 PM
Surr: Toluene-d8	103	79.5-126		%REC	1	10/1/2010 8:30:11 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-32
Lab Order:	1009c18	**Collection Date:**	9/23/2010 1:35:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 8:57:43 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 8:57:43 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 8:57:43 PM
Xylenes, Total	ND	3.0		µg/L	1	10/1/2010 8:57:43 PM
Surr: 1,2-Dichloroethane-d4	98.9	54.6-141		%REC	1	10/1/2010 8:57:43 PM
Surr: 4-Bromofluorobenzene	121	60.1-133		%REC	1	10/1/2010 8:57:43 PM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	10/1/2010 8:57:43 PM
Surr: Toluene-d8	105	79.5-126		%REC	1	10/1/2010 8:57:43 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-34
Lab Order:	1009c18	**Collection Date:**	9/23/2010 3:50:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 9:25:13 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 9:25:13 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 9:25:13 PM
Xylenes, Total	ND	3.0		µg/L	1	10/1/2010 9:25:13 PM
Surr: 1,2-Dichloroethane-d4	99.3	54.6-141		%REC	1	10/1/2010 9:25:13 PM
Surr: 4-Bromofluorobenzene	115	60.1-133		%REC	1	10/1/2010 9:25:13 PM
Surr: Dibromofluoromethane	101	78.5-130		%REC	1	10/1/2010 9:25:13 PM
Surr: Toluene-d8	107	79.5-126		%REC	1	10/1/2010 9:25:13 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-35
Lab Order:	1009c18	**Collection Date:**	9/23/2010 2:10:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 9:52:42 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 9:52:42 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 9:52:42 PM
Xylenes, Total	ND	3.0		µg/L	1	10/1/2010 9:52:42 PM
Surr: 1,2-Dichloroethane-d4	101	54.6-141		%REC	1	10/1/2010 9:52:42 PM
Surr: 4-Bromofluorobenzene	115	60.1-133		%REC	1	10/1/2010 9:52:42 PM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	10/1/2010 9:52:42 PM
Surr: Toluene-d8	103	79.5-126		%REC	1	10/1/2010 9:52:42 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-14
Lab Order:	1009c18	**Collection Date:**	9/23/2010 4:50:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 10:20:19 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 10:20:19 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 10:20:19 PM
Xylenes, Total	ND	3.0		µg/L	1	10/1/2010 10:20:19 PM
Surr: 1,2-Dichloroethane-d4	100	54.6-141		%REC	1	10/1/2010 10:20:19 PM
Surr: 4-Bromofluorobenzene	114	60.1-133		%REC	1	10/1/2010 10:20:19 PM
Surr: Dibromofluoromethane	99.9	78.5-130		%REC	1	10/1/2010 10:20:19 PM
Surr: Toluene-d8	106	79.5-126		%REC	1	10/1/2010 10:20:19 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT: Cypress Engineering
Client Sample ID: MW-22
Lab Order: 1009c18
Collection Date: 9/23/2010 5:40:00 PM
Project: Transwestern Pipeline Company Roswell Station
Date Received: 9/28/2010
Lab ID: 1009c18-08
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Naphthalene	ND	2.0		µg/L	1	10/1/2010 10:47:54 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/1/2010 10:47:54 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/1/2010 10:47:54 PM
Acetone	ND	10		µg/L	1	10/1/2010 10:47:54 PM
Bromobenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Bromodichloromethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Bromoform	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Bromomethane	ND	3.0		µg/L	1	10/1/2010 10:47:54 PM
2-Butanone	ND	10		µg/L	1	10/1/2010 10:47:54 PM
Carbon disulfide	ND	10		µg/L	1	10/1/2010 10:47:54 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Chlorobenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Chloroethane	ND	2.0		µg/L	1	10/1/2010 10:47:54 PM
Chloroform	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Chloromethane	ND	3.0		µg/L	1	10/1/2010 10:47:54 PM
2-Chlorotoluene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
4-Chlorotoluene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
cis-1,2-DCE	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/1/2010 10:47:54 PM
Dibromochloromethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Dibromomethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/1/2010 10:47:54 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-22
Lab Order:	1009c18	**Collection Date:**	9/23/2010 5:40:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
2-Hexanone	ND	10		µg/L	1	10/1/2010 10:47:54 PM
Isopropylbenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/1/2010 10:47:54 PM
Methylene Chloride	ND	3.0		µg/L	1	10/1/2010 10:47:54 PM
n-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
n-Propylbenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
sec-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Styrene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
tert-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/1/2010 10:47:54 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
trans-1,2-DCE	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/1/2010 10:47:54 PM
Vinyl chloride	ND	1.0		µg/L	1	10/1/2010 10:47:54 PM
Xylenes, Total	ND	1.5		µg/L	1	10/1/2010 10:47:54 PM
Surr: 1,2-Dichloroethane-d4	101	54.6-141		%REC	1	10/1/2010 10:47:54 PM
Surr: 4-Bromofluorobenzene	120	60.1-133		%REC	1	10/1/2010 10:47:54 PM
Surr: Dibromofluoromethane	104	78.5-130		%REC	1	10/1/2010 10:47:54 PM
Surr: Toluene-d8	104	79.5-126		%REC	1	10/1/2010 10:47:54 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT: Cypress Engineering
Client Sample ID: MW-26
Lab Order: 1009c18
Collection Date: 9/24/2010 5:25:00 PM
Project: Transwestern Pipeline Company Roswell Station
Date Received: 9/28/2010
Lab ID: 1009c18-09
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Naphthalene	ND	2.0		µg/L	1	10/1/2010 11:15:27 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/1/2010 11:15:27 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/1/2010 11:15:27 PM
Acetone	ND	10		µg/L	1	10/1/2010 11:15:27 PM
Bromobenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Bromodichloromethane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Bromoform	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Bromomethane	ND	3.0		µg/L	1	10/1/2010 11:15:27 PM
2-Butanone	ND	10		µg/L	1	10/1/2010 11:15:27 PM
Carbon disulfide	ND	10		µg/L	1	10/1/2010 11:15:27 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Chlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Chloroethane	ND	2.0		µg/L	1	10/1/2010 11:15:27 PM
Chloroform	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Chloromethane	ND	3.0		µg/L	1	10/1/2010 11:15:27 PM
2-Chlorotoluene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
4-Chlorotoluene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
cis-1,2-DCE	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/1/2010 11:15:27 PM
Dibromochloromethane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Dibromomethane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,1-Dichloroethane	6.2	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,1-Dichloroethene	50	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/1/2010 11:15:27 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
NC	Non-Chlorinated
PQL	Practical Quantitation Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-26
Lab Order:	1009c18	**Collection Date:**	9/24/2010 5:25:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-09	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
2-Hexanone	ND	10		µg/L	1	10/1/2010 11:15:27 PM
Isopropylbenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/1/2010 11:15:27 PM
Methylene Chloride	ND	3.0		µg/L	1	10/1/2010 11:15:27 PM
n-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
n-Propylbenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
sec-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Styrene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
tert-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/1/2010 11:15:27 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
trans-1,2-DCE	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/1/2010 11:15:27 PM
Vinyl chloride	ND	1.0		µg/L	1	10/1/2010 11:15:27 PM
Xylenes, Total	ND	1.5		µg/L	1	10/1/2010 11:15:27 PM
Surr: 1,2-Dichloroethane-d4	101	54.6-141		%REC	1	10/1/2010 11:15:27 PM
Surr: 4-Bromofluorobenzene	117	60.1-133		%REC	1	10/1/2010 11:15:27 PM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	10/1/2010 11:15:27 PM
Surr: Toluene-d8	104	79.5-126		%REC	1	10/1/2010 11:15:27 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- NC Non-Chlorinated
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitation Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-20
Lab Order:	1009c18	**Collection Date:**	9/24/2010 6:30:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-10	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Toluene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Ethylbenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Naphthalene	ND	2.0		µg/L	1	10/1/2010 11:43:00 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/1/2010 11:43:00 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/1/2010 11:43:00 PM
Acetone	ND	10		µg/L	1	10/1/2010 11:43:00 PM
Bromobenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Bromodichloromethane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Bromoform	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Bromomethane	ND	3.0		µg/L	1	10/1/2010 11:43:00 PM
2-Butanone	ND	10		µg/L	1	10/1/2010 11:43:00 PM
Carbon disulfide	ND	10		µg/L	1	10/1/2010 11:43:00 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Chlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Chloroethane	ND	2.0		µg/L	1	10/1/2010 11:43:00 PM
Chloroform	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Chloromethane	ND	3.0		µg/L	1	10/1/2010 11:43:00 PM
2-Chlorotoluene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
4-Chlorotoluene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
cis-1,2-DCE	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/1/2010 11:43:00 PM
Dibromochloromethane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Dibromomethane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,1-Dichloroethane	4.6	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,1-Dichloroethene	9.7	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/1/2010 11:43:00 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-20
Lab Order:	1009c18	**Collection Date:**	9/24/2010 6:30:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-10	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
2-Hexanone	ND	10		µg/L	1	10/1/2010 11:43:00 PM
Isopropylbenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/1/2010 11:43:00 PM
Methylene Chloride	ND	3.0		µg/L	1	10/1/2010 11:43:00 PM
n-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
n-Propylbenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
sec-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Styrene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
tert-Butylbenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/1/2010 11:43:00 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
trans-1,2-DCE	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/1/2010 11:43:00 PM
Vinyl chloride	ND	1.0		µg/L	1	10/1/2010 11:43:00 PM
Xylenes, Total	ND	1.5		µg/L	1	10/1/2010 11:43:00 PM
Surr: 1,2-Dichloroethane-d4	98.7	54.6-141		%REC	1	10/1/2010 11:43:00 PM
Surr: 4-Bromofluorobenzene	116	60.1-133		%REC	1	10/1/2010 11:43:00 PM
Surr: Dibromofluoromethane	101	78.5-130		%REC	1	10/1/2010 11:43:00 PM
Surr: Toluene-d8	102	79.5-126		%REC	1	10/1/2010 11:43:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT: Cypress Engineering
Lab Order: 1009c18
Project: Transwestern Pipeline Company Roswell Station
Lab ID: 1009c18-11

Client Sample ID: MW-42
Collection Date: 9/24/2010 7:00:00 PM
Date Received: 9/28/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Toluene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Ethylbenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Naphthalene	ND	2.0		µg/L	1	10/2/2010 12:10:32 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/2/2010 12:10:32 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/2/2010 12:10:32 AM
Acetone	ND	10		µg/L	1	10/2/2010 12:10:32 AM
Bromobenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Bromodichloromethane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Bromoform	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Bromomethane	ND	3.0		µg/L	1	10/2/2010 12:10:32 AM
2-Butanone	ND	10		µg/L	1	10/2/2010 12:10:32 AM
Carbon disulfide	ND	10		µg/L	1	10/2/2010 12:10:32 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Chlorobenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Chloroethane	ND	2.0		µg/L	1	10/2/2010 12:10:32 AM
Chloroform	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Chloromethane	ND	3.0		µg/L	1	10/2/2010 12:10:32 AM
2-Chlorotoluene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
4-Chlorotoluene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
cis-1,2-DCE	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/2/2010 12:10:32 AM
Dibromochloromethane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Dibromomethane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,1-Dichloroethane	4.8	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,1-Dichloroethene	10	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/2/2010 12:10:32 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-42
Lab Order:	1009c18	**Collection Date:**	9/24/2010 7:00:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-11	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
2-Hexanone	ND	10		µg/L	1	10/2/2010 12:10:32 AM
Isopropylbenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/2/2010 12:10:32 AM
Methylene Chloride	ND	3.0		µg/L	1	10/2/2010 12:10:32 AM
n-Butylbenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
n-Propylbenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
sec-Butylbenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Styrene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
tert-Butylbenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/2/2010 12:10:32 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
trans-1,2-DCE	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/2/2010 12:10:32 AM
Vinyl chloride	ND	1.0		µg/L	1	10/2/2010 12:10:32 AM
Xylenes, Total	ND	1.5		µg/L	1	10/2/2010 12:10:32 AM
Surr: 1,2-Dichloroethane-d4	97.1	54.6-141		%REC	1	10/2/2010 12:10:32 AM
Surr: 4-Bromofluorobenzene	123	60.1-133		%REC	1	10/2/2010 12:10:32 AM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	10/2/2010 12:10:32 AM
Surr: Toluene-d8	105	79.5-126		%REC	1	10/2/2010 12:10:32 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-23D
Lab Order:	1009c18	**Collection Date:**	9/26/2010 2:33:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-12	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/2/2010 12:38:02 AM
Toluene	ND	1.0		µg/L	1	10/2/2010 12:38:02 AM
Ethylbenzene	ND	1.0		µg/L	1	10/2/2010 12:38:02 AM
Xylenes, Total	ND	3.0		µg/L	1	10/2/2010 12:38:02 AM
Surr: 1,2-Dichloroethane-d4	99.2	54.6-141		%REC	1	10/2/2010 12:38:02 AM
Surr: 4-Bromofluorobenzene	115	60.1-133		%REC	1	10/2/2010 12:38:02 AM
Surr: Dibromofluoromethane	101	78.5-130		%REC	1	10/2/2010 12:38:02 AM
Surr: Toluene-d8	107	79.5-126		%REC	1	10/2/2010 12:38:02 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
NC	Non-Chlorinated
PQL	Practical Quantitation Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-24D
Lab Order:	1009c18	**Collection Date:**	9/26/2010 1:43:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-13	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/2/2010 1:05:31 AM
Toluene	ND	1.0		µg/L	1	10/2/2010 1:05:31 AM
Ethylbenzene	ND	1.0		µg/L	1	10/2/2010 1:05:31 AM
Xylenes, Total	ND	3.0		µg/L	1	10/2/2010 1:05:31 AM
Surr: 1,2-Dichloroethane-d4	100	54.6-141		%REC	1	10/2/2010 1:05:31 AM
Surr: 4-Bromofluorobenzene	119	60.1-133		%REC	1	10/2/2010 1:05:31 AM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	10/2/2010 1:05:31 AM
Surr: Toluene-d8	103	79.5-126		%REC	1	10/2/2010 1:05:31 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
NC	Non-Chlorinated
PQL	Practical Quantitation Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	MW-25D
Lab Order:	1009c18	**Collection Date:**	9/26/2010 12:43:00 PM
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-14	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/2/2010 1:32:57 AM
Toluene	ND	1.0		µg/L	1	10/2/2010 1:32:57 AM
Ethylbenzene	ND	1.0		µg/L	1	10/2/2010 1:32:57 AM
Xylenes, Total	ND	3.0		µg/L	1	10/2/2010 1:32:57 AM
Surr: 1,2-Dichloroethane-d4	103	54.6-141		%REC	1	10/2/2010 1:32:57 AM
Surr: 4-Bromofluorobenzene	115	60.1-133		%REC	1	10/2/2010 1:32:57 AM
Surr: Dibromofluoromethane	101	78.5-130		%REC	1	10/2/2010 1:32:57 AM
Surr: Toluene-d8	105	79.5-126		%REC	1	10/2/2010 1:32:57 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	TRIP BLANK
Lab Order:	1009c18	**Collection Date:**	
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-15	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
Benzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Toluene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Ethylbenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Naphthalene	ND	2.0		µg/L	1	10/2/2010 4:18:14 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/2/2010 4:18:14 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/2/2010 4:18:14 AM
Acetone	ND	10		µg/L	1	10/2/2010 4:18:14 AM
Bromobenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Bromodichloromethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Bromoform	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Bromomethane	ND	3.0		µg/L	1	10/2/2010 4:18:14 AM
2-Butanone	ND	10		µg/L	1	10/2/2010 4:18:14 AM
Carbon disulfide	ND	10		µg/L	1	10/2/2010 4:18:14 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Chlorobenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Chloroethane	ND	2.0		µg/L	1	10/2/2010 4:18:14 AM
Chloroform	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Chloromethane	ND	3.0		µg/L	1	10/2/2010 4:18:14 AM
2-Chlorotoluene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
4-Chlorotoluene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
cis-1,2-DCE	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/2/2010 4:18:14 AM
Dibromochloromethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Dibromomethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/2/2010 4:18:14 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-10*

CLIENT:	Cypress Engineering	**Client Sample ID:**	TRIP BLANK
Lab Order:	1009c18	**Collection Date:**	
Project:	Transwestern Pipeline Company Roswell Station	**Date Received:**	9/28/2010
Lab ID:	1009c18-15	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **MMS**
2-Hexanone	ND	10		µg/L	1	10/2/2010 4:18:14 AM
Isopropylbenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/2/2010 4:18:14 AM
Methylene Chloride	ND	3.0		µg/L	1	10/2/2010 4:18:14 AM
n-Butylbenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
n-Propylbenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
sec-Butylbenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Styrene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
tert-Butylbenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/2/2010 4:18:14 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
trans-1,2-DCE	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/2/2010 4:18:14 AM
Vinyl chloride	ND	1.0		µg/L	1	10/2/2010 4:18:14 AM
Xylenes, Total	ND	1.5		µg/L	1	10/2/2010 4:18:14 AM
Surr: 1,2-Dichloroethane-d4	101	54.6-141		%REC	1	10/2/2010 4:18:14 AM
Surr: 4-Bromofluorobenzene	125	60.1-133		%REC	1	10/2/2010 4:18:14 AM
Surr: Dibromofluoromethane	100	78.5-130		%REC	1	10/2/2010 4:18:14 AM
Surr: Toluene-d8	106	79.5-126		%REC	1	10/2/2010 4:18:14 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: Transwestern Pipeline Company Roswell Station **Work Order:** 1009c18

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260: Volatiles Short List											
Sample ID: 1009c18-01a msd		*MSD*				Batch ID:	**R41328**	Analysis Date:		10/1/2010 7:35:06 PM	
Benzene	18.22	µg/L	1.0	20	0	91.1	72.4	126	2.59	20	
Toluene	19.79	µg/L	1.0	20	0	99.0	79.2	115	6.84	20	
Sample ID: b3		*MBLK*				Batch ID:	**R41328**	Analysis Date:		10/1/2010 2:55:36 PM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	4.031	µg/L	4.0								
2-Methylnaphthalene	4.185	µg/L	4.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: b4		*MBLK*				Batch ID:	**R41328**	Analysis Date:		10/1/2010 3:23:10 PM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R41328**	Analysis Date:		10/1/2010 5:44:45 PM	
Benzene	18.17	µg/L	1.0	20	0	90.8	82.4	116			
Toluene	19.56	µg/L	1.0	20	0	97.8	89.5	123			
Sample ID: 100ng lcs-2		*LCS*				Batch ID:	**R41328**	Analysis Date:		10/2/2010 9:21:22 AM	
Benzene	19.16	µg/L	1.0	20	0	95.8	82.4	116			
Toluene	19.83	µg/L	1.0	20	0	99.1	89.5	123			
Sample ID: 1009c18-01a ms		*MS*				Batch ID:	**R41328**	Analysis Date:		10/1/2010 7:07:32 PM	
Benzene	17.75	µg/L	1.0	20	0	88.8	72.4	126			
Toluene	18.48	µg/L	1.0	20	0	92.4	79.2	115			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: Transwestern Pipeline Company Roswell Station **Work Order:** 1009c18

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b4		*MBLK*					**Batch ID: R41328**		Analysis Date:	10/1/2010 3:23:10 PM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	3.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
›benzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	3.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: Transwestern Pipeline Company Roswell Station **Work Order:** 1009c18

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b4		*MBLK*				Batch ID:	**R41328**	Analysis Date:	10/1/2010 3:23:10 PM		
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R41328**	Analysis Date:	10/1/2010 5:44:45 PM		
Benzene	18.17	µg/L	1.0	20	0	90.8	82.4	116			
Toluene	19.56	µg/L	1.0	20	0	97.8	89.5	123			
Chlorobenzene	18.57	µg/L	1.0	20	0	92.9	87.8	120			
1,1-Dichloroethene	21.23	µg/L	1.0	20	0	106	90.3	138			
Trichloroethene (TCE)	16.35	µg/L	1.0	20	0	81.7	64	129			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name CYP | Date Received: 9/28/2010

Work Order Number 1009c18 | Received by: MLW

Checklist completed by: Ashley M Gallegos 9/28/10 (Signature / Date) | Sample ID labels checked by: MG (Initials)

Matrix: | Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**0.2°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Cypress Engineering Services
7171 Hwy 6 North, Ste 102
Mailing Address:
Houston TX 77095
Phone #: 281.797.3424
email or Fax#: 281 859 8881
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Transwestern Pipeline Company Roswell Station
Project #: TNP Roswell
Project Manager: George Brinson
Sampler: Sandy Shaw
On Ice: ☒ Yes ☐ No
Sample Temperature: 0.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	8260 BTEX ONLY				Air Bubbles (Y or N)
9/24/10	1630	W	MW-13	3x40ml	HCl	1										X		X				
9/23/10	1610		MW-21			2										X		X				
	1305		MW-29			3										X		X				
	1335		MW-32			4										X		X				
	1550		MW-34			5										X		X				
	1410		MW-35			6										X		X				
	1650		MW-14			7										X		X				
	1740		MW-22			8										X						
9/24/10	1725		MW-26			9										X						
9/24/10	1830		MW-20			10										X						
9/24/10	1900		MW-42			11										X						
09/24/10	1433	V	MW-230	V	V	12												X				

Date:	Time:	Relinquished by:	Received by:	Date	Time
09/27/10	1100		Melissa Walters	9/28/10	1045
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: X VOC's By 8260 Including: 1,2-DICHLOROETHENE (CIS- & TRANS-) AND DICHLOROBENZENE (O-, M- & P-)

2 of 2

Chain-of-Custody Record

Client: Cypress Engineering Services

Mailing Address: 711 Hwy 6 North, Ste 102 Houston TX 77095

Phone #: 281.797.3421

email or Fax#: 281.859.1881

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Transwestern Pipeline Company Roswell Station

Project #: TNP Roswell

Project Manager: George Robinson

Sampler: Sandy Sharp

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	8260 BTEX only				Air Bubbles (Y or N)
09/26/10	1343	W	MW-240	3/40ml	HCl	13												X				
09/26/10	1243	W	MW-250	3/40ml	HCl	14												X				
		W	TRIP BLANK	3/40ml	HCl	15												X				

Date:	Time:	Relinquished by:	Received by:	Date	Time
09/27/10	11:00		Melissa Wilson	9/28/10	1045
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.