GW - 80

MONITORING REPORTS

DATE:

2004 - 2002

GW-80

Cypress Engineering

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Houston, Texas 77095
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September 30, 2004

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Report of Groundwater Remediation Activities
Transwestern Pipeline Company
Thoreau Compressor Station
McKinley County, New Mexico

Dear Bill,

The enclosed Report of Groundwater Remediation Activities is submitted for your review and files. This report presents a summary of groundwater monitoring and remediation activities completed since the last report of remediation activities.

If you have any questions or comments regarding this report, please contact me at (713) 345-1537 or Bill Kendrick at (713) 646-7644.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment:

Patrick Antonio	NNEPA
Denny Foust	NMOCD Aztec District Office
Bill Kendrick	Transwestern Pipeline Company
Larry Campbell	Transwestern Pipeline Company

Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Thoreau Compressor Station
McKinley County, New Mexico

Submitted to:
New Mexico Oil Conservation Division

September 27, 2004

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

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

TABLE OF CONTENTS

LIST OF FIGURES

Figure

LIST OF TABLES

Table

LIST OF APPENDICES

1. Introduction

The last report of groundwater monitoring activities covered activities completed through May 2003. Since this date, assessment activities have been limited to routine semiannual groundwater sampling. This report presents a summary of these activities.

2. Groundwater Monitoring Activities

2.1 Semi-Annual Groundwater Sampling Events

Two semi-annual sampling events were completed since the last report of remediation activities. These events were completed in November 2003 and June 2004.

Prior to sampling, the depth to water, and the depth to hydrocarbon where phase-separated hydrocarbon (PSH) was present, was determined for each monitoring well. The measured depth to water and the corresponding water table elevation for each monitoring well are presented in Table 1.

In the course of each sample event, groundwater samples were collected from selected monitoring wells at the site. Groundwater samples were delivered to a laboratory for analysis by EPA Method 8021B for benzene, toluene, ethylbenzene, and xylenes (BTEX), and PCB by EPA Method 8082 in accordance with the sampling analysis plan. 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 2. An updated summary of analytical results for BTEX and PCB compounds is presented in Tables 3 and 4, respectively. An updated summary of the quality assurance program results is presented in Table 5. A copy of the laboratory reports for the semi-annual groundwater sampling events is included in the appendix to this report.

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 June 2004 sampling event is included as Figure 3. The apparent direction of groundwater flow is consistent with water table elevation maps previously developed for this site.

Hydrographs for monitor wells 5-03B and 5-48B are included as Figures 6 and 7, respectively. The water table elevation continues to decline as it has since 1993.

2.2.2 Lateral Extent of Phase Separated Hydrocarbon

The lateral extent of PSH is currently defined by the occurrence of PSH at the water table in MW 5-34B (1.06 ft measured on 06/07/04), and the absence of PSH in all other wells. MW 5-34B is located on-site near the original release area. The presence of PSH is more likely associated with the preferential accumulation of PSH in wells connected to the soil vapor extraction system and is not likely indicative of PSH present at the water table outside of the immediate vicinity of the well casing.

2.2.3 Condition of Affected Groundwater

The primary constituents of concern are benzene and PCBs. The distribution of benzene in the groundwater is presented in Figure 4. In general, the concentration of benzene in groundwater has shown a downward trend across the site.

The detection of low concentrations of PCBs has continued for samples collected from monitoring wells 5-1C, 5-6C, and 5-59. PCBs have not been detected in samples collected from well 5-60 located just 20 feet west of well 5-6C. In addition, PCBs have not been detected in samples collected from well 5-17B located 100 feet downgradient of well 5-6C.

3. Status of Remediation Activities

3.1 Remediation Activities Completed through June 2003

The following remediation activities have been completed since the last report of groundwater remediation activities:

1) Operation of the SVE system is limited to the warmer weather months. Condensed water collecting in the SVE conveyance lines during cold weather made the system ineffective, therefore, the system is shut-down in late October each year. The SVE system was restarted on May 04, 2004.
2) Nine vapor samples have been collected from the SVE system since the last report. A summary of the laboratory results is presented in Table 8.

3.2 Remediation Activities Planned for September 2004 through June 2005

The SVE system is scheduled to operate from May 2004 through October 2004. The SVE system will be shut down in late October 2004 and will be restarted in May 2005.

4. Planned Modifications

4.1 Planned Modifications to the Routine Groundwater Sampling Plan

Groundwater monitoring at the site has been ongoing for about 15 years (since mid-1989). An extensive volume of monitoring data has been generated during this timeframe. In more recent years, groundwater monitoring has demonstrated that the distribution of benzene dissolved in groundwater has not changed significantly in the last 4 to 6 years. In light of this, the routine groundwater sampling plan has been revised from semiannual events to annual events. In addition, the number of sampling points has been reduced to just those necessary to characterize the contaminant plume and to monitor the downgradient extent of the plume. The revised sampling points and analytical requirements are summarized in Table 6.

4.2 Planned Modifications to the Remediation System

4.2.1 Physical Modifications to the System

There are no planned physical modifications to the remediation system.

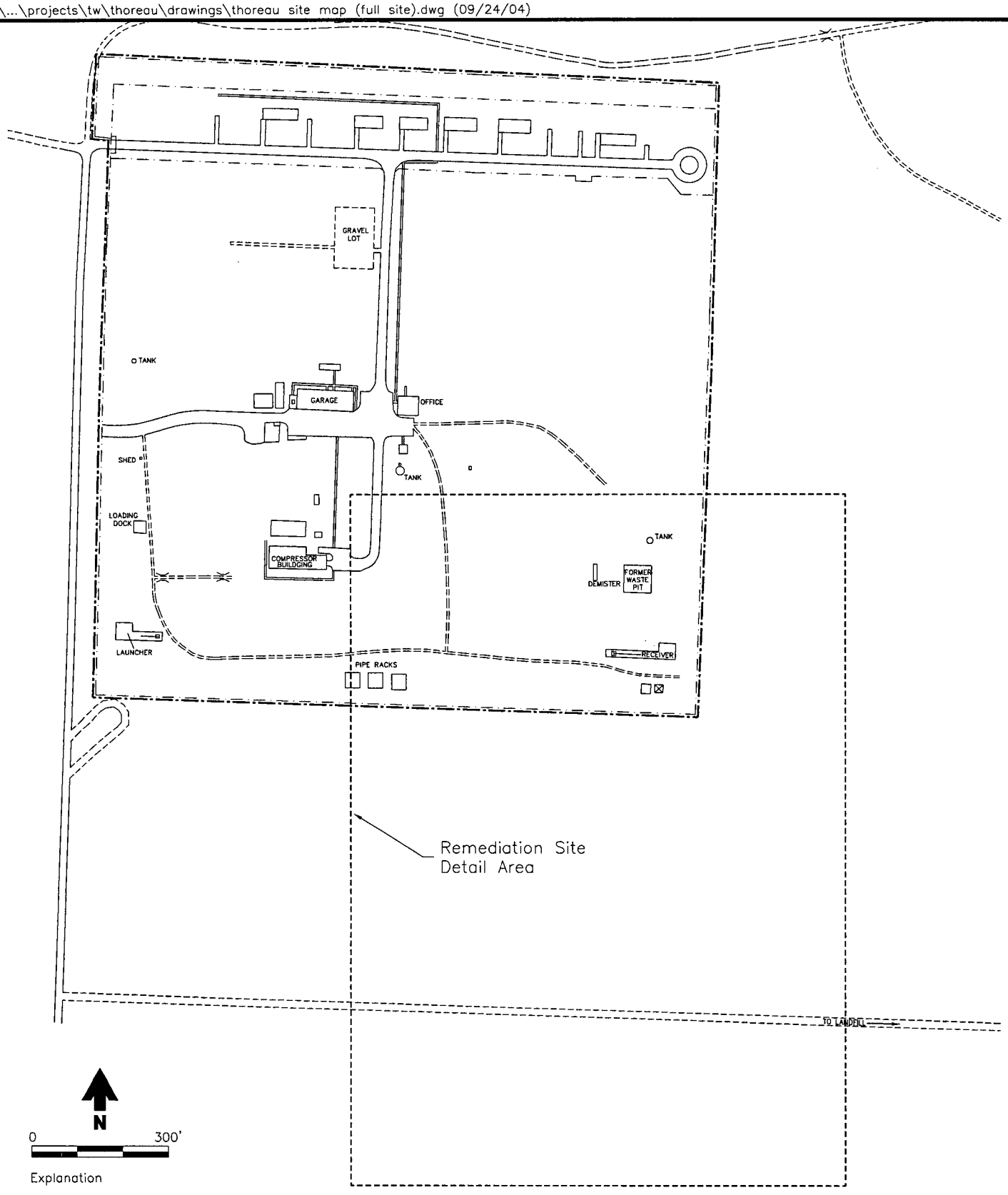
4.2.2 Operational Modifications to the System

There are no planned operational modifications to the remediation system.

4.3 Planned Reporting Frequency

Reporting will continue to be done on an annual basis.

f:\...\projects\tw\thoreau\drawings\thoreau site map (full site).dwg (09/24/04)



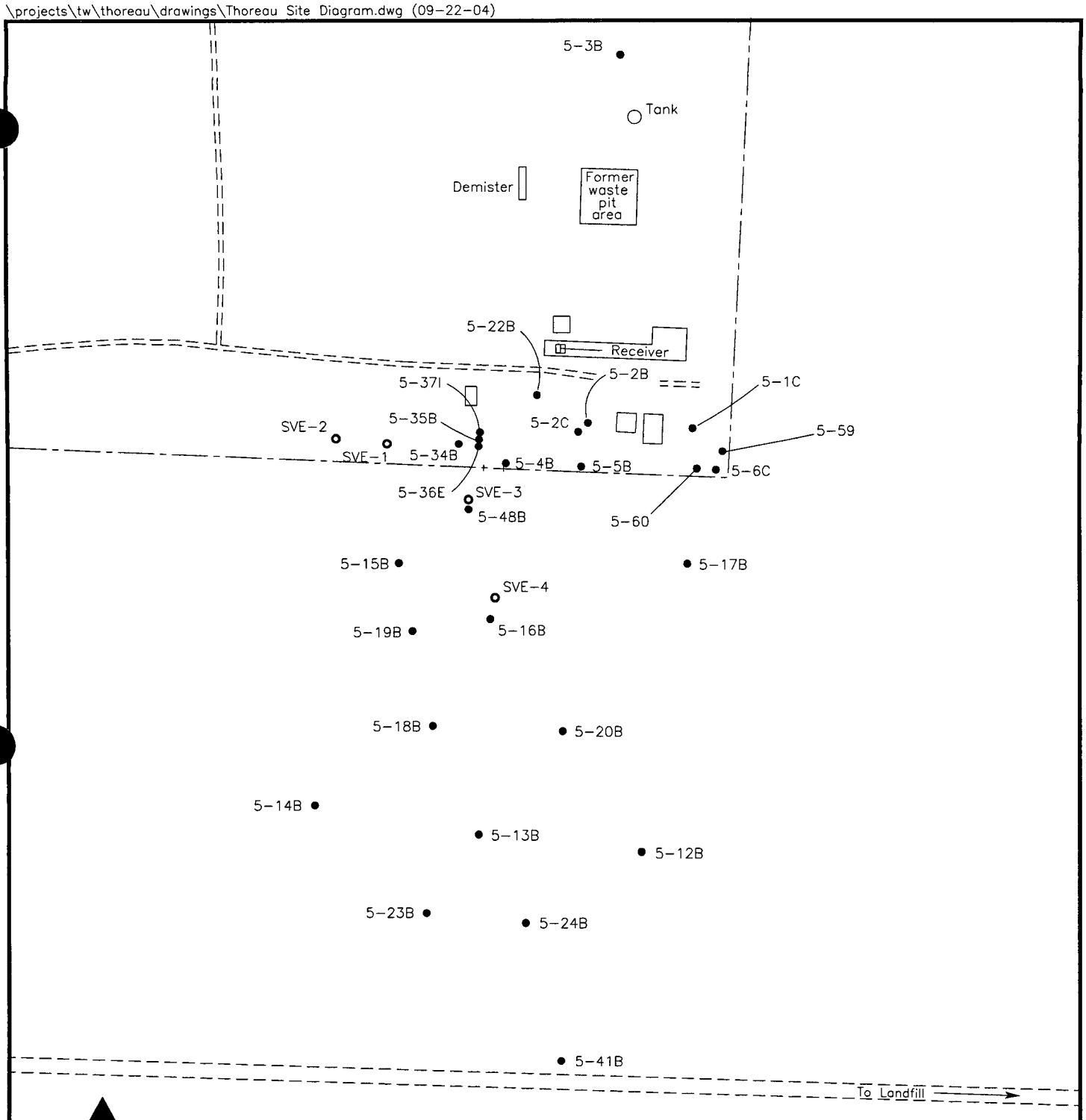
THOREAU COMPRESSOR STATION

Facility Site Map

Figure 1

CYPRESS ENGINEERING SERVICES, INC.

\projects\tw\thoreau\drawings\Thoreau Site Diagram.dwg (09-22-04)



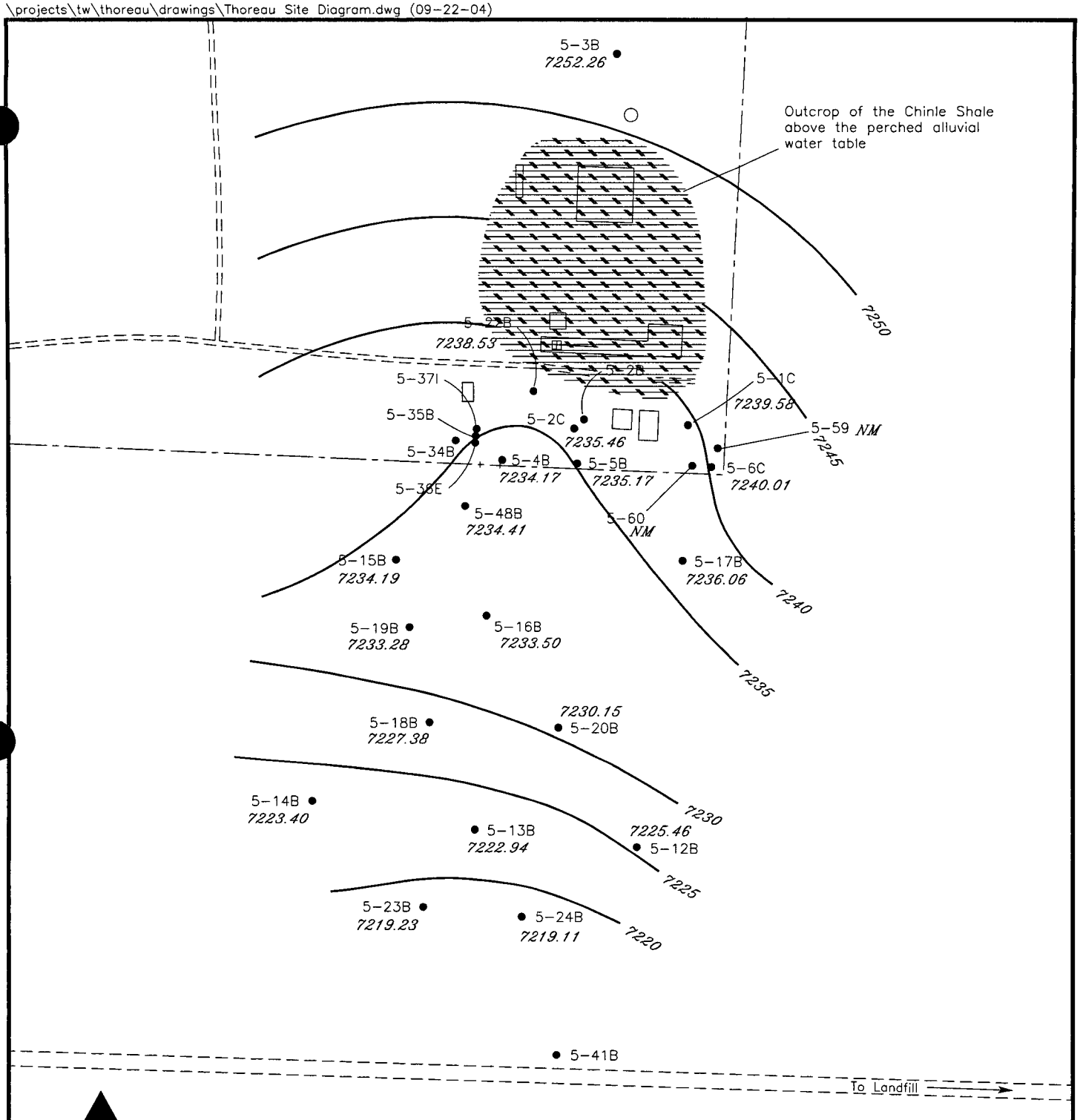
THOREAU COMPRESSOR STATION

Monitor Well & SVE Well Locations

Figure 2

CYPRESS ENGINEERING SERVICES, INC.

\projects\tw\thoreau\drawings\Thoreau Site Diagram.dwg (09-22-04)



THOREAU COMPRESSOR STATION

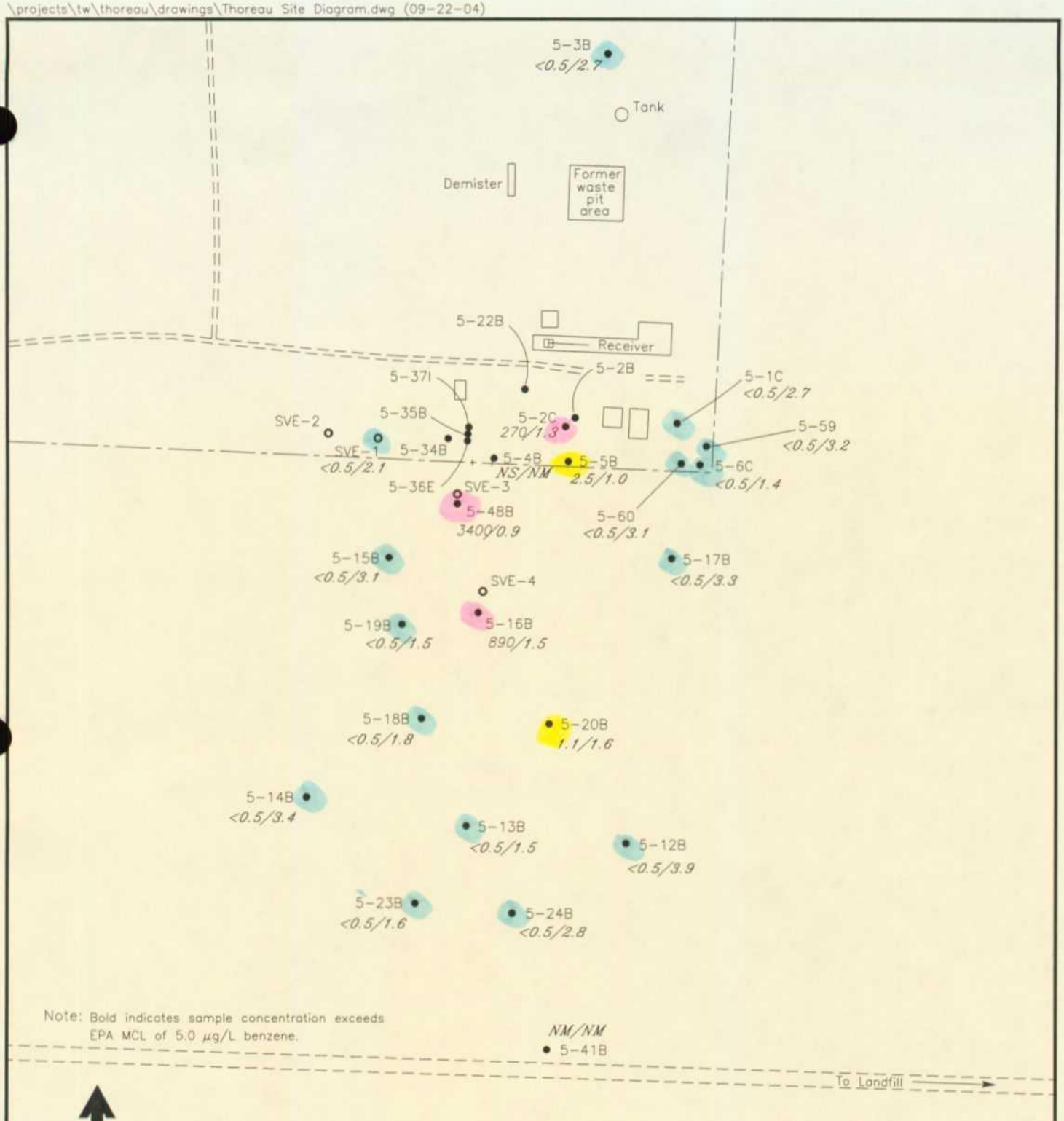
Ground Water Surface Elevation in the Perched Alluvial Aquifer

June 2004

Figure 3

CYPRESS ENGINEERING SERVICES, INC.

\projects\tw\thoreau\drawings\Thoreau Site Diagram.dwg (09-22-04)



Note: Bold indicates sample concentration exceeds EPA MCL of 5.0 µg/L benzene.

Explanation

- Monitor well
- Soil vapor extraction well
- 0.7/1.36 — Benzene (µg/L)/dissolved oxygen (mg/L) concentrations
- NM — Not measured
- Compressor station boundary

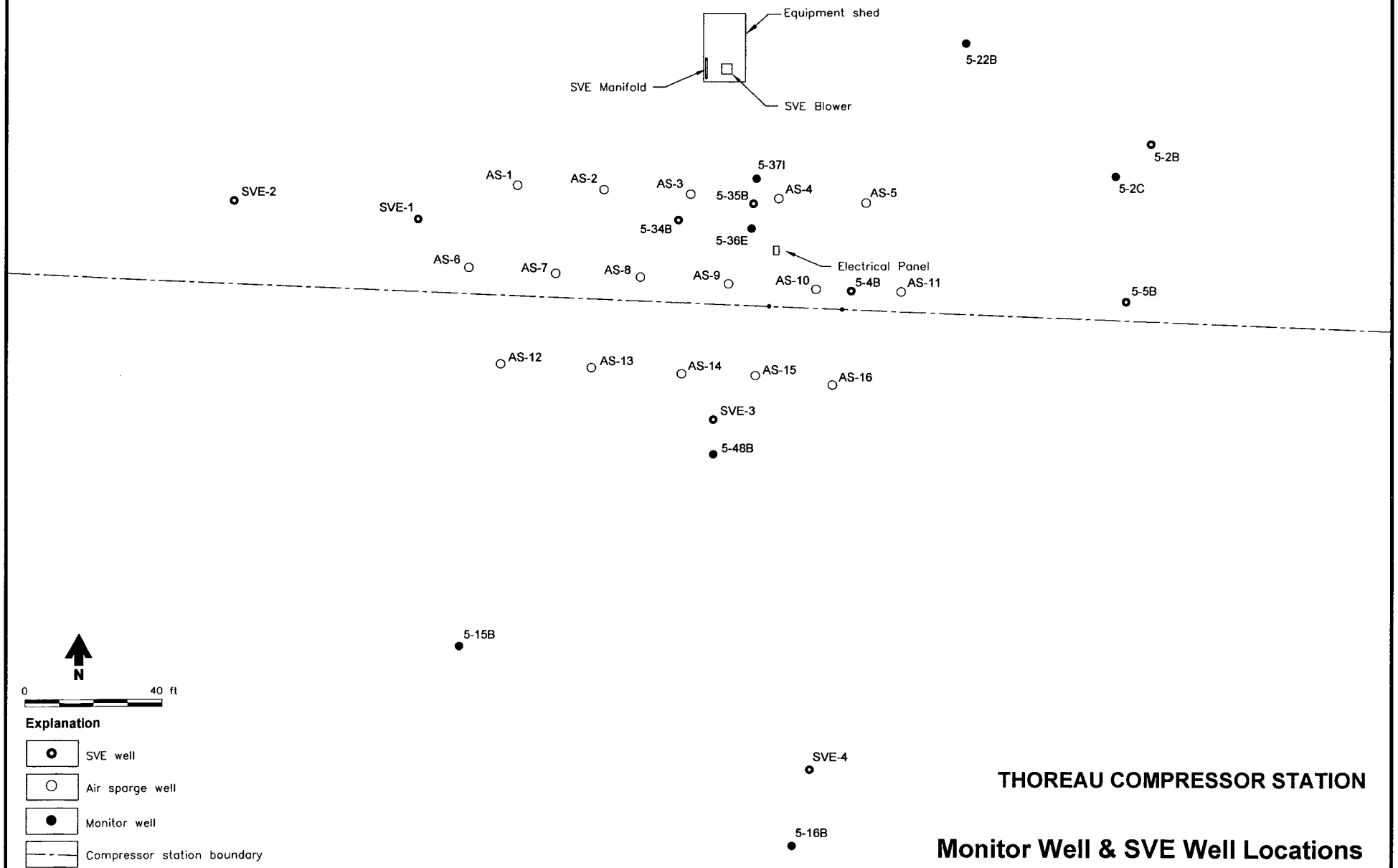
THOREAU COMPRESSOR STATION

Benzene and Dissolved Oxygen Concentrations in the Perched Alluvial Aquifer

June 2004

Figure 4

f:\...\projects\thoreau\drawings\thoreau remediation system layout.dwg (09/24/04)



THOREAU COMPRESSOR STATION

Monitor Well & SVE Well Locations

Figure 5

CYPRESS ENGINEERING SERVICES, INC.

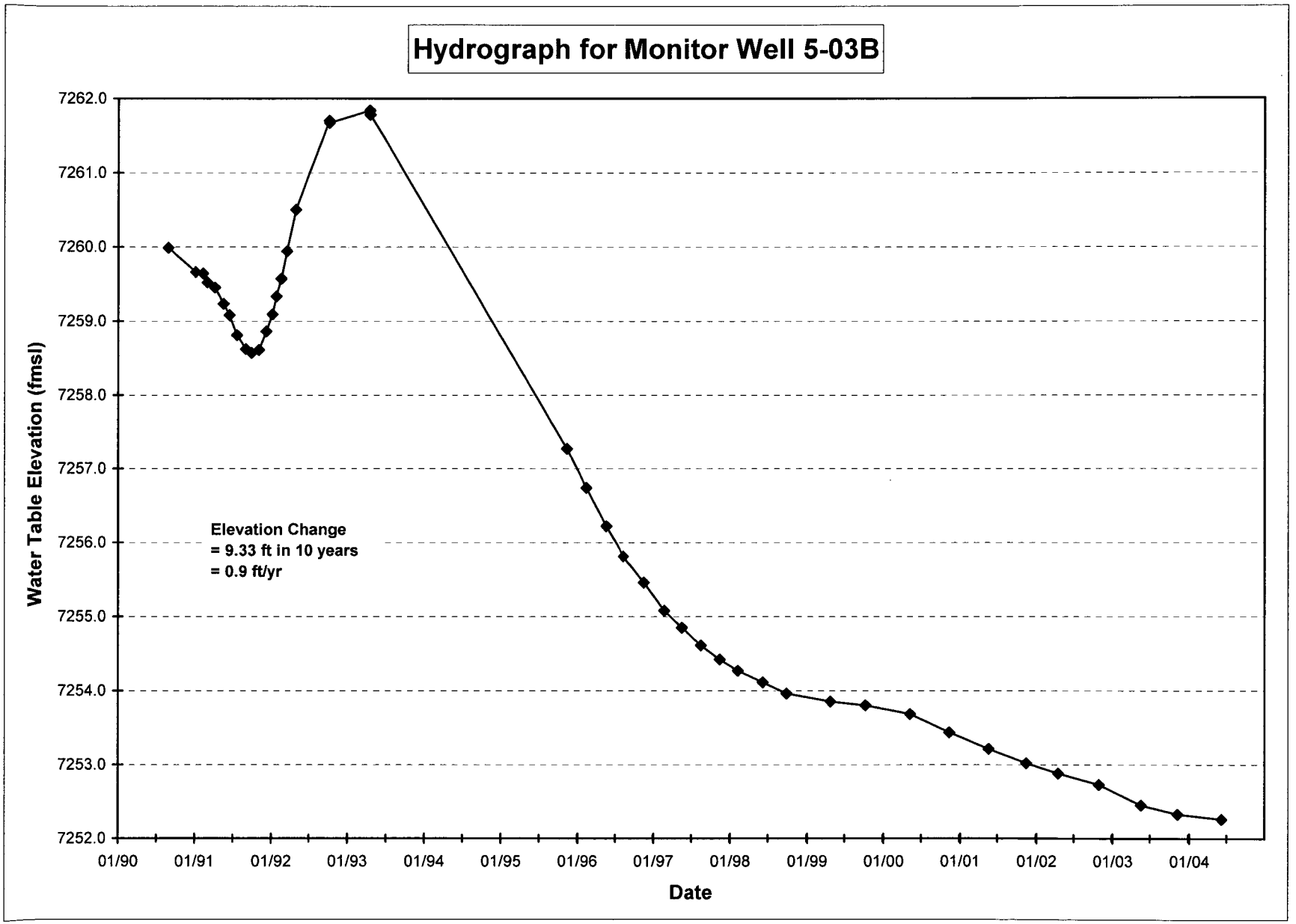

Hydrograph for Monitor Well 5-03B
Water Table Elevation (fmsl)
7262.0
7261.0
7260.0
7259.0
7258.0
7257.0
7256.0
7255.0
7254.0
7253.0
7252.0
Elevation Change
= 9.33 ft in 10 years
= 0.9 ft/yr
01/90
01/91
01/92
01/93
01/94
01/95
01/96
01/97
01/98
01/99
01/00
01/01
01/02
01/03
01/04
Date

Figure 6

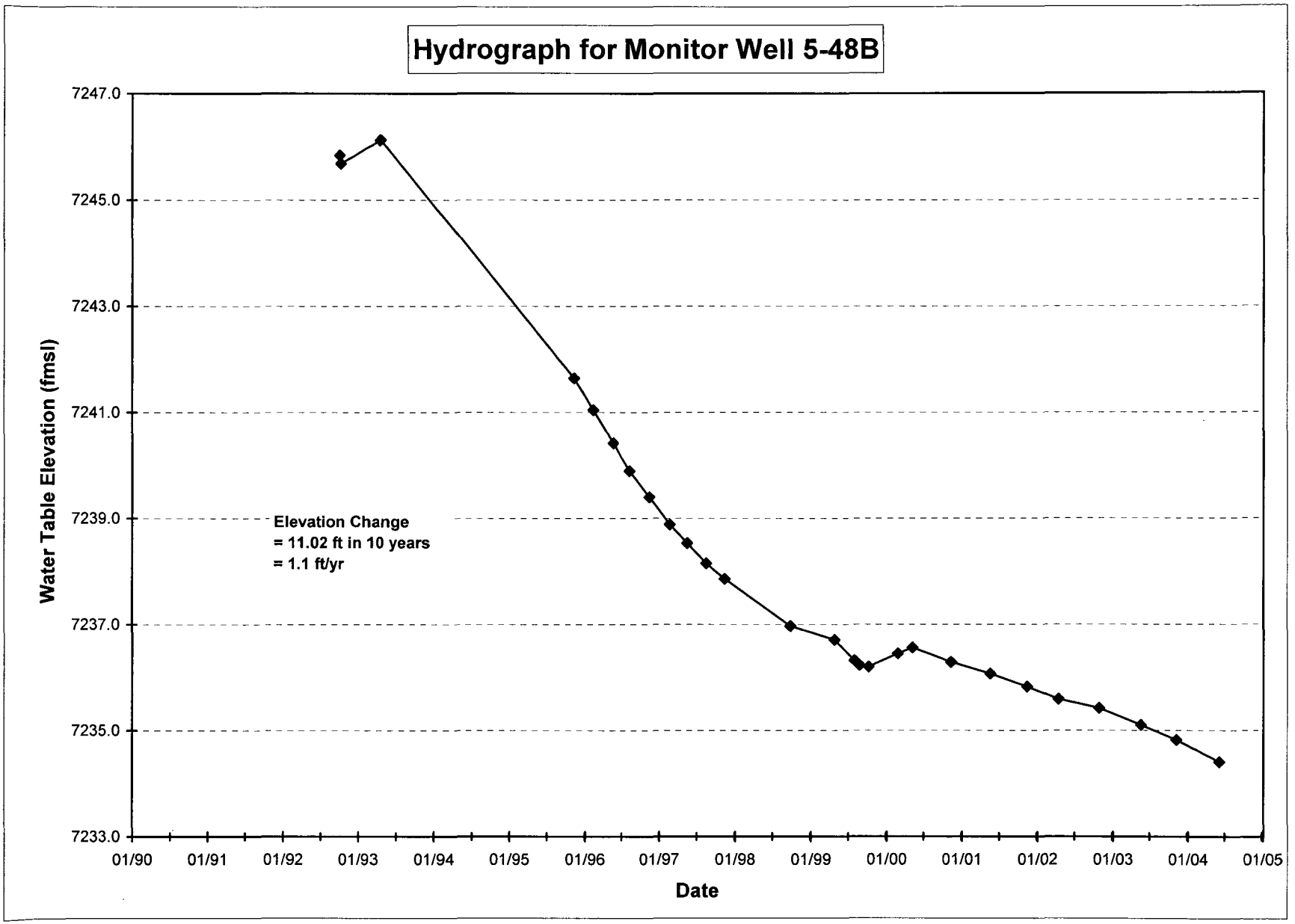

Hydrograph for Monitor Well 5-48B
Water Table Elevation (fmsl)
7247.0
7245.0
7243.0
7241.0
7239.0
7237.0
7235.0
7233.0
Elevation Change
= 11.02 ft in 10 years
= 1.1 ft/yr
01/90
01/91
01/92
01/93
01/94
01/95
01/96
01/97
01/98
01/99
01/00
01/01
01/02
01/03
01/04
01/05
Date

Figure 7

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
5 01B	7,290.53	08/29/90	44.69	7245.84
		11/08/90	44.70	7245.83
		01/08/91	44.82	7245.71
		02/05/91	44.86	7245.67
		03/05/91	44.91	7245.62
		04/10/91	44.94	7245.59
		05/21/91	45.08	7245.45
		06/18/91	45.15	7245.38
		07/23/91	45.28	7245.25
		09/04/91	45.38	7245.15
		10/02/91	45.52	7245.01
		11/06/91	45.63	7244.90
		12/10/91	45.64	7244.89
		01/09/92	45.61	7244.92
		01/27/92	45.53	7245.00
		02/20/92	45.39	7245.14
		03/18/92	45.18	7245.35
		04/29/92	44.78	7245.75
		10/06/92	43.71	7246.82
		10/14/92	43.67	7246.86
		04/19/93	42.96	7247.57
		11/14/95	46.16	7244.37
		02/15/96	46.64	7243.89
		05/21/96	47.32	7243.21
		08/12/96	NM	--
		11/18/96	47.91	7242.62
		02/24/97	48.31	7242.22
		05/19/97	48.57	7241.96
	(Recorded DTW=49.77?)	08/18/97	48.77	7241.76
		11/16/97	49.03	7241.50
5 01C	7,292.11	02/10/98	TP	--
		06/08/98	TP	--
		09/29/98	TP	--
		04/27/99	TP	--
		10/11/99	TP	--
		05/10/00	51.45	7240.66
		11/14/00	51.73	7240.38
		05/21/01	51.85	7240.26
		11/16/01	52.00	7240.11
		04/17/02	52.05	7240.06
		10/30/02	52.23	7239.88
		05/21/03	52.25	7239.86
		11/10/03	52.43	7239.68
		06/07/04	52.53	7239.58
5 02B	7,292.06	08/29/90	47.60	7244.46
		11/08/90	47.72	7244.34
		01/11/91	47.88	7244.18
		02/12/91	47.90	7244.16
		03/05/91	47.93	7244.13
		04/11/91	47.92	7244.14

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/20/91	48.14	7243.92
		06/18/91	48.23	7243.83
		07/24/91	48.36	7243.70
		09/05/91	48.55	7243.51
		10/03/91	48.62	7243.44
		11/05/91	48.73	7243.33
		12/12/91	48.68	7243.38
		01/09/92	48.58	7243.48
		01/28/92	48.48	7243.58
		02/20/92	48.27	7243.79
		03/19/92	47.98	7243.79
		04/29/92	47.38	7244.68
		10/06/92	46.09	7245.97
		10/14/92	46.07	7245.99
		04/19/93	45.38	7246.68
		04/22/93	45.36	7246.70
		11/14/95	49.32	7242.74
		02/15/96	49.84	7242.22
		05/21/96	50.47	7241.59
		08/12/96	NM	--
		11/21/96	51.66	7240.40
		02/24/97	TP	--
		05/19/97	TP	--
		08/18/97	NM	--
		11/16/97	NM	--
	7,293.24 (w/SVE ext)	02/10/98	NM	--
	PSH @ 55.70	10/11/99	55.75	7237.53
		05/10/00	55.08	7238.16
	PSH @ 55.92	11/14/00	56.09	7237.28
	PSH @ 56.03	05/21/01	56.33	7237.14
	PSH @ 56.28	11/16/01	56.36	7236.94
	PSH @ 56.27	04/17/02	56.33	7236.96
	PSH @ 56.53	10/30/02	56.53	7236.71
		05/21/03	56.07	7237.17
		11/10/03	56.89	7236.35
		06/07/04	56.86	7236.38
5 02C	7,291.82	02/10/98	53.15	7238.67
		06/08/98	53.36	7238.46
		09/29/98	53.88	7237.94
		04/27/99	54.05	7237.77
		08/03/99	54.40	7237.42
		08/27/99	54.47	7237.35
		10/11/99	54.58	7237.24
		02/28/00	54.26	7237.56
		05/10/00	54.07	7237.75
		11/14/00	54.81	7237.01
		05/21/01	55.01	7236.81
		11/16/01	55.25	7236.57
		04/17/02	55.37	7236.45
		10/30/02	55.57	7236.25

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/21/03	55.81	7236.01
		11/10/03	56.07	7235.75
		06/07/04	56.36	7235.46
5 03B	7,303.76	08/29/90	43.77	7259.99
		01/07/91	44.10	7259.66
		02/12/91	44.12	7259.64
		03/05/91	44.24	7259.52
		04/10/91	44.31	7259.45
		05/21/91	44.53	7259.23
		06/18/91	44.68	7259.08
		07/23/91	44.95	7258.81
		09/04/91	45.14	7258.62
		10/02/91	45.19	7258.57
		11/05/91	45.15	7258.61
		12/10/91	44.90	7258.86
		01/09/92	44.67	7259.09
		01/27/92	44.43	7259.33
		02/19/92	44.19	7259.57
		03/17/92	43.82	7259.94
		04/28/92	43.26	7260.50
		10/06/92	42.06	7261.70
		10/07/92	42.09	7261.67
		04/19/93	41.92	7261.84
		04/20/93	41.98	7261.78
		11/14/95	46.49	7257.27
		02/15/96	47.02	7256.74
		05/21/96	47.54	7256.22
		08/12/96	47.95	7255.81
		11/18/96	48.30	7255.46
		02/24/97	48.68	7255.08
		05/19/97	48.91	7254.85
		08/18/97	49.15	7254.61
		11/16/97	49.34	7254.42
		02/10/98	49.49	7254.27
		06/08/98	49.65	7254.11
		09/29/98	49.80	7253.96
		04/27/99	49.91	7253.85
		10/11/99	49.96	7253.80
		05/10/00	50.08	7253.68
		11/14/00	50.33	7253.43
		05/21/01	50.55	7253.21
		11/16/01	50.74	7253.02
		04/17/02	50.88	7252.88
		10/30/02	51.03	7252.73
		05/20/03	51.31	7252.45
		11/10/03	51.43	7252.33
		06/07/04	51.50	7252.26
5 04B	7,292.39	08/29/90	48.35	7244.04
		11/08/90	48.42	7243.97
		01/11/91	48.42	7243.97

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		01/31/91	48.94	7243.45
		03/04/91	48.68	7243.71
		04/12/91	48.79	7243.60
		05/21/91	49.90	7242.49
		06/17/91	49.00	7243.39
		07/24/91	49.15	7243.24
		09/04/91	49.34	7243.05
		10/03/91	49.44	7242.95
		11/05/91	49.50	7242.89
		12/12/91	48.40	7243.99
		01/09/92	49.23	7243.16
		01/28/92	49.11	7243.28
		02/19/92	48.91	7243.48
		03/18/92	47.22	7245.17
	(Recorded DTW=47.65?)	04/28/92	46.65	7245.74
		10/06/92	46.36	7246.03
		10/13/92	46.35	7246.04
		04/19/93	45.77	7246.62
		04/21/93	45.79	7246.60
		11/14/95	50.21	7242.18
		02/15/96	50.82	7241.57
		05/21/96	NM	--
		08/12/96	NM	--
		11/18/96	NM	--
		02/24/97	NM	--
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	7292.72 (w/SVE ext)	02/10/98	54.70	7238.02
		10/11/99	55.95	7236.77
		05/10/00	55.53	7237.19
		11/14/00	56.48	7236.24
		05/21/01	56.65	7236.07
		11/16/01	56.91	7235.81
		04/17/02	57.10	7235.62
		10/30/02	57.21	7235.51
		05/21/03	57.57	7235.15
		11/10/03	57.81	7234.91
		06/07/04	58.55	7234.17
5 05B	7,290.83	08/29/90	47.50	7243.33
		11/08/90	47.25	7243.58
		01/10/91	47.14	7243.69
		02/05/91	47.20	7243.63
		03/05/91	47.20	7243.63
		04/18/91	47.34	7243.49
		05/21/91	47.44	7243.39
		06/18/91	47.52	7243.31
		07/24/91	47.69	7243.14
		09/05/91	47.83	7243.00
		10/02/91	47.54	7243.29

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		11/04/91	48.02	7242.81
		12/10/91	47.94	7242.89
		01/09/92	47.87	7242.96
		01/27/92	47.74	7243.09
		02/19/92	47.58	7243.25
	(Recorded DTW=48.43?)	03/17/92	47.43	7243.40
		04/28/92	46.61	7244.22
		10/06/92	45.39	7245.44
		10/12/92	45.37	7245.46
		04/19/93	44.76	7246.07
		04/21/93	44.75	7246.08
		11/14/95	48.59	7242.24
		02/15/96	49.12	7241.71
		05/21/96	49.71	7241.12
		08/12/96	50.22	7240.61
		11/18/96	50.65	7240.18
		02/24/97	51.14	7239.69
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	7292.02 (w/SVE ext)	02/10/98	53.51	7238.51
		10/11/99	55.02	7237.00
		05/10/00	54.61	7237.41
		11/14/00	55.23	7236.79
		05/21/01	55.38	7236.64
		11/16/01	55.61	7236.41
		04/17/02	55.76	7236.26
		10/30/02	56.01	7236.01
		05/21/03	56.27	7235.75
		11/10/03	56.53	7235.49
		06/07/04	56.85	7235.17
5 06B	7,289.30	08/29/90	43.47	7245.83
		11/08/90	43.24	7246.06
		01/08/91	43.42	7245.88
		02/12/91	43.50	7245.80
		03/05/91	43.50	7245.80
		04/18/91	43.61	7245.69
		05/21/91	43.66	7245.64
		06/18/91	43.74	7245.56
		07/23/91	43.83	7245.47
		09/05/91	44.00	7245.30
		10/03/91	44.06	7245.24
		11/05/91	44.16	7245.14
		12/10/91	44.17	7245.13
		01/09/92	44.16	7245.14
		01/27/92	44.08	7245.22
		02/20/92	43.94	7245.36
		03/18/92	43.76	7245.54
		04/29/92	43.43	7245.87
		10/06/92	42.52	7246.78

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		10/14/92	42.49	7246.81
		04/19/93	41.94	7247.36
		11/14/95	44.64	7244.66
		02/15/96	44.99	7244.31
		05/21/96	45.41	7243.89
		08/12/96	45.65	7243.65
		11/18/96	45.92	7243.38
		02/24/97	46.30	7243.00
		05/19/97	46.54	7242.76
		08/18/97	46.73	7242.57
		11/16/97	47.01	7242.29
5 06C	7,291.46	02/10/98	49.31	7242.15
		06/08/98	49.52	7241.94
		09/29/98	49.78	7241.68
		04/27/99	50.03	7241.43
		08/03/99	50.15	7241.31
		08/27/99	50.23	7241.23
		10/11/99	50.05	7241.41
		02/28/00	50.18	7241.28
		05/10/00	50.18	7241.28
		11/14/00	50.47	7240.99
		05/21/01	50.62	7240.84
		11/16/01	49.81	7241.65
		04/17/02	50.93	7240.53
		10/30/02	51.11	7240.35
		05/21/03	51.19	7240.27
		11/10/03	51.37	7240.09
		06/07/04	51.45	7240.01
5 12B	7,279.61	08/14/90	48.85	7230.76
		11/15/90	48.92	7230.69
		01/09/91	48.96	7230.65
		02/13/91	49.00	7230.61
		03/07/91	49.00	7230.61
		04/12/91	49.05	7230.56
		05/22/91	49.12	7230.49
		06/19/91	49.20	7230.41
		07/25/91	49.27	7230.34
		09/16/91	49.37	7230.24
		10/09/91	49.43	7230.18
		01/07/92	49.49	7230.12
		04/30/92	49.07	7230.54
		10/06/92	48.27	7231.34
		10/08/92	48.28	7231.34
		04/19/93	47.45	7232.16
		11/14/95	49.71	7229.90
		02/15/96	50.02	7229.59
		05/21/96	50.31	7229.30
		08/12/96	50.61	7229.00
		11/18/96	50.89	7228.72
		02/24/97	51.24	7228.37

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/19/97	51.49	7228.12
		08/18/97	51.78	7227.83
		11/16/97	52.07	7227.54
		02/10/98	52.28	7227.33
		06/08/98	52.51	7227.10
		09/29/98	52.78	7226.83
		04/27/99	53.11	7226.50
		10/11/99	53.37	7226.24
		05/10/00	53.36	7226.25
		11/14/00	NM	--
		05/21/01	53.14	7226.47
		11/16/01	53.77	7225.84
		04/17/02	53.68	7225.93
		10/30/02	53.89	7225.72
		05/20/03	54.00	7225.61
		11/10/03	54.09	7225.52
		06/07/04	54.15	7225.46
5 13B	7,282.43	08/14/90	52.43	7230.00
		11/15/90	52.76	7229.67
		01/09/91	52.82	7229.61
		02/07/91	52.89	7229.54
		03/07/91	52.92	7229.51
		04/12/91	53.00	7229.43
		05/22/91	53.06	7229.37
		06/19/91	53.15	7229.28
		07/26/91	53.26	7229.17
		09/16/91	53.36	7229.07
		10/10/91	53.42	7229.01
		01/08/92	53.58	7228.85
		05/01/92	52.88	7229.55
		10/06/92	51.80	7230.63
		10/13/92	51.78	7230.65
		04/19/93	51.08	7231.35
		11/14/95	53.85	7228.58
		02/15/96	54.18	7228.25
		05/21/96	54.52	7227.91
		08/12/96	54.81	7227.62
		11/18/96	55.05	7227.38
		02/24/97	55.37	7227.06
		05/19/97	55.60	7226.83
		08/18/97	55.87	7226.56
		11/16/97	56.13	7226.30
		02/10/98	56.36	7226.07
		06/08/98	56.63	7225.80
		09/29/98	56.90	7225.53
		04/27/99	57.31	7225.12
		10/11/99	57.75	7224.68
		05/10/00	57.90	7224.53
		11/14/00	58.18	7224.25
		05/21/01	58.31	7224.12

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		11/16/01	58.47	7223.96
		04/17/02	58.60	7223.83
		10/30/02	58.90	7223.53
		05/20/03	59.08	7223.35
		11/10/03	59.28	7223.15
		06/07/04	59.49	7222.94
5 14B	7,285.76	08/14/90	55.14	7230.62
		11/14/90	55.02	7230.74
		01/09/91	55.12	7230.64
		02/07/91	55.19	7230.57
		03/07/91	55.21	7230.55
		04/12/91	55.64	7230.12
		05/22/91	55.36	7230.40
		06/19/91	55.38	7230.38
		07/25/91	55.54	7230.22
		09/16/91	55.63	7230.13
		10/09/91	55.72	7230.04
		01/06/92	55.74	7230.02
		04/30/92	55.02	7230.74
		10/06/92	53.94	7231.82
		10/08/92	53.93	7231.83
		04/19/93	53.25	7232.51
		11/14/95	56.25	7229.51
		02/15/96	56.62	7229.14
		05/21/96	57.02	7228.74
		08/12/96	57.33	7228.43
		11/18/96	57.64	7228.12
		02/24/97	58.01	7227.75
		05/19/97	58.27	7227.49
		08/18/97	58.56	7227.20
		11/16/97	58.86	7226.90
		02/10/98	59.08	7226.68
		06/08/98	59.41	7226.35
		09/29/98	59.69	7226.07
		04/27/99	60.17	7225.59
		10/11/99	60.43	7225.33
		05/10/00	60.56	7225.20
		11/14/00	60.71	7225.05
		05/21/01	60.77	7224.99
		11/16/01	60.98	7224.78
		04/17/02	61.19	7224.57
		10/30/02	61.55	7224.21
		05/20/03	61.84	7223.92
		11/10/03	62.11	7223.65
		06/07/04	62.36	7223.40
5 15B	7,292.92	08/14/90	49.86	7243.06
		11/14/90	49.98	7242.94
	(Recorded DTW=51.10?)	01/10/91	50.10	7242.82
		02/07/91	50.16	7242.76
		03/06/91	50.17	7242.75

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		04/10/91	50.25	7242.67
		05/23/91	50.45	7242.47
		06/19/91	50.54	7242.38
		07/25/91	50.70	7242.22
		09/16/91	50.92	7242.00
		10/09/91	50.95	7241.97
		01/07/92	50.57	7242.35
		04/30/92	48.74	7244.18
		10/06/92	47.75	7245.17
		10/08/92	47.74	7245.18
		04/19/93	47.41	7245.51
		11/14/95	51.84	7241.08
		02/15/96	52.42	7240.50
		05/21/96	53.04	7239.88
		08/12/96	53.52	7239.40
		11/18/96	53.99	7238.93
		02/24/97	54.48	7238.44
		05/19/97	54.60	7238.32
		08/18/97	55.18	7237.74
		11/16/97	55.48	7237.44
		02/10/98	55.70	7237.22
		06/08/98	56.00	7236.92
		09/29/98	56.35	7236.57
		04/27/99	56.55	7236.37
		08/03/99	57.02	7235.90
		08/27/99	57.10	7235.82
		10/11/99	56.98	7235.94
		02/28/00	56.60	7236.32
		05/10/00	56.63	7236.29
		11/14/00	56.78	7236.14
		05/21/01	57.03	7235.89
		11/16/01	57.28	7235.64
		04/17/02	57.56	7235.36
		10/30/02	57.74	7235.18
		05/21/03	58.05	7234.87
		11/10/03	58.36	7234.56
		06/07/04	58.73	7234.19
5 16B	7,288.82	08/14/90	47.21	7241.61
		11/14/90	47.46	7241.36
		01/10/91	47.60	7241.22
		02/06/91	47.62	7241.20
		03/06/91	47.63	7241.19
		04/09/91	47.73	7241.09
		05/23/91	47.87	7240.95
		06/18/91	47.91	7240.91
		07/26/91	48.04	7240.78
		09/03/91	48.17	7240.65
		10/11/91	48.30	7240.52
		11/12/91	48.34	7240.48
		12/12/91	48.22	7240.60

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		01/08/92	48.11	7240.71
		02/20/92	47.76	7241.06
		03/18/92	47.43	7241.39
		04/29/92	46.89	7241.93
		10/06/92	45.97	7242.85
		10/13/92	45.95	7242.87
		04/19/93	45.61	7243.21
		04/20/93	45.62	7243.20
		11/14/95	48.88	7239.94
		02/15/96	49.33	7239.49
		05/21/96	50.11	7238.71
		08/12/96	50.41	7238.41
		11/18/96	50.74	7238.08
		02/24/97	51.08	7237.74
		05/19/97	51.35	7237.47
		08/18/97	51.67	7237.15
		11/16/97	52.02	7236.80
		02/10/98	52.16	7236.66
		06/08/98	52.42	7236.40
		09/29/98	52.86	7235.96
		04/27/99	53.02	7235.80
		08/03/99	53.98	7234.84
		08/27/99	54.06	7234.76
		10/11/99	53.66	7235.16
		02/28/00	53.21	7235.61
		05/10/00	53.50	7235.32
		11/14/00	53.52	7235.30
		05/21/01	53.71	7235.11
		11/16/01	53.93	7234.89
		04/17/02	54.11	7234.71
		10/30/02	54.34	7234.48
		05/21/03	54.65	7234.17
		11/10/03	54.94	7233.88
		06/07/04	55.32	7233.50
5 17B	7,284.75	08/14/90	40.79	7243.96
		11/15/90	40.83	7243.92
		01/10/91	40.96	7243.79
		02/08/91	40.99	7243.76
		03/06/91	41.01	7243.74
		04/11/91	41.06	7243.69
		05/22/91	41.14	7243.61
		06/18/91	41.23	7243.52
		07/25/91	41.34	7243.41
		09/16/91	41.50	7243.25
		10/09/91	41.60	7243.15
		01/07/92	41.60	7243.15
		02/19/92	41.46	7243.29
		03/17/92	41.21	7243.54
		04/28/92	40.84	7243.91
		10/06/92	39.97	7244.78

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		10/07/92	39.97	7244.78
		04/19/93	39.40	7245.35
		11/14/95	42.06	7242.69
		02/15/96	42.46	7242.29
		05/21/96	42.94	7241.81
		08/12/96	43.33	7241.42
		11/18/96	43.72	7241.03
		02/24/97	44.14	7240.61
		05/19/97	44.44	7240.31
		08/18/97	44.76	7239.99
		11/16/97	45.07	7239.68
		02/10/98	45.30	7239.45
		06/08/98	45.58	7239.17
		09/29/98	45.97	7238.78
		04/27/99	46.36	7238.39
		10/11/99	46.78	7237.97
		05/10/00	46.57	7238.18
		11/14/00	47.19	7237.56
		05/21/01	47.34	7237.41
		11/16/01	47.58	7237.17
		04/17/02	47.70	7237.05
		10/30/02	48.04	7236.71
		05/20/03	48.22	7236.53
		11/10/03	48.51	7236.24
		06/07/04	48.69	7236.06
5 18B	7,286.41	08/14/90	51.67	7234.74
		08/24/90	51.68	7234.73
		11/15/90	51.60	7234.81
		01/04/91	51.66	7234.75
		02/13/91	51.76	7234.65
		03/06/91	51.79	7234.62
		04/16/91	51.90	7234.51
		06/19/91	52.05	7234.36
		07/26/91	52.21	7234.20
		09/16/91	52.35	7234.06
		10/11/91	52.41	7234.00
		01/08/92	52.40	7234.01
		05/01/92	51.38	7235.03
		10/06/92	50.24	7236.17
		10/13/92	50.22	7236.19
		04/19/93	49.68	7236.73
		04/22/93	49.70	7236.71
		11/14/95	53.04	7233.37
		02/15/96	53.49	7232.92
		05/21/96	53.94	7232.47
		08/12/96	54.31	7232.10
		11/18/96	54.64	7231.77
		02/24/97	55.03	7231.38
		05/19/97	55.25	7231.16
		08/18/97	55.51	7230.90

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		11/16/97	55.75	7230.66
		02/10/98	55.94	7230.47
		06/08/98	56.18	7230.23
		09/29/98	56.43	7229.98
		04/27/99	56.81	7229.60
		10/11/99	57.26	7229.15
		05/10/00	57.18	7229.23
		11/14/00	57.38	7229.03
		05/21/01	57.47	7228.94
		11/16/01	57.87	7228.54
		04/17/02	57.85	7228.56
		10/30/02	58.16	7228.25
		05/20/03	58.40	7228.01
		11/10/03	58.71	7227.70
		06/07/04	59.03	7227.38
5 19B	7,290.52	08/14/90	49.44	7241.08
		11/14/90	49.76	7240.76
		01/10/91	49.86	7240.66
		02/07/91	49.90	7240.62
		03/06/91	49.92	7240.60
		04/09/91	50.02	7240.50
	Questionable (DTW=50.12?)	05/23/91	50.92	7239.60
		06/19/91	50.23	7240.29
		07/26/91	50.37	7240.15
		09/16/91	50.55	7239.97
		10/10/91	50.60	7239.92
		01/08/92	50.36	7240.16
		02/20/92	50.04	7240.48
		03/19/92	49.60	7240.92
		04/29/92	48.97	7241.55
		10/06/92	48.05	7242.47
		10/13/92	48.04	7242.48
		04/19/93	47.73	7242.79
		11/14/95	51.30	7239.22
		02/15/96	51.75	7238.77
		05/21/96	52.26	7238.26
		08/12/96	52.66	7237.86
		11/18/96	53.02	7237.50
		02/24/97	53.44	7237.08
		05/19/97	53.73	7236.79
		08/18/97	TP	--
		11/16/97	54.29	7236.23
		02/10/98	54.49	7236.03
		06/08/98	54.74	7235.78
		09/29/98	55.05	7235.47
		04/27/99	55.26	7235.26
		08/03/99	55.78	7234.74
		08/27/99	55.87	7234.65
		10/11/99	55.73	7234.79
		02/28/00	55.33	7235.19

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/10/00	55.39	7235.13
		11/14/00	55.51	7235.01
		05/21/01	55.74	7234.78
		11/16/01	55.96	7234.56
		04/17/02	56.11	7234.41
		10/30/02	56.36	7234.16
		05/20/03	56.60	7233.92
		11/10/03	56.88	7233.64
		06/07/04	57.24	7233.28
5 20B	7,284.60	08/14/90	48.50	7236.10
		01/09/91	48.70	7235.90
		02/07/91	48.79	7235.81
		03/07/91	48.80	7235.80
		04/16/91	48.88	7235.72
		05/20/91	48.92	7235.68
		06/19/91	49.02	7235.58
		07/26/91	49.13	7235.47
		09/16/91	49.25	7235.35
		10/10/91	49.32	7235.28
		01/08/92	49.36	7235.24
		05/01/92	48.48	7236.12
		10/06/92	47.61	7236.99
		10/12/92	47.58	7237.02
		04/19/93	47.26	7237.34
		04/21/93	47.31	7237.29
		11/14/95	49.63	7234.97
		02/15/96	50.03	7234.57
		05/21/96	50.39	7234.21
		08/12/96	50.66	7233.94
		11/18/96	50.99	7233.61
		02/24/97	51.28	7233.32
		05/19/97	51.54	7233.06
		08/18/97	51.88	7232.72
		11/16/97	52.21	7232.39
		02/10/98	52.46	7232.14
		06/08/98	52.62	7231.98
		09/29/98	52.95	7231.65
		04/27/99	53.30	7231.30
		10/11/99	53.78	7230.82
		05/10/00	53.23	7231.37
		11/14/00	53.53	7231.07
		05/21/01	53.62	7230.98
		11/16/01	53.73	7230.87
		04/17/02	53.78	7230.82
		10/30/02	54.04	7230.56
		05/20/03	54.17	7230.43
		11/10/03	54.29	7230.31
		06/07/04	54.45	7230.15
5 22B	7,292.74	10/25/90	48.08	7244.66
		11/15/90	48.08	7244.66

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		01/10/91	48.33	7244.41
		02/04/91	48.38	7244.36
		03/06/91	48.42	7244.32
		04/11/91	48.49	7244.25
		05/21/91	48.65	7244.09
		06/17/91	48.76	7243.98
		07/24/91	49.24	7243.50
		09/04/91	49.06	7243.68
		10/03/91	49.19	7243.55
		11/04/91	49.26	7243.48
		12/12/91	49.15	7243.59
		01/10/92	49.00	7243.74
		01/28/92	48.84	7243.90
		02/19/92	48.67	7244.07
		03/18/92	48.24	7244.50
		04/28/92	47.46	7245.28
		10/06/92	45.97	7246.77
		10/08/92	45.98	7246.76
		04/19/93	45.34	7247.40
		11/14/95	NM	--
		02/15/96	NM	--
		05/21/96	51.25	7241.49
		08/12/96	51.91	7240.83
		11/18/96	NM	--
		02/27/97	52.95	7239.79
		05/19/97	53.13	7239.61
		08/18/97	53.51	7239.23
		11/16/97	53.79	7238.95
		02/10/98	53.86	7238.88
		09/08/98	54.05	7238.69
		09/29/98	54.16	7238.58
		04/27/99	54.00	7238.74
		10/11/99	54.13	7238.61
		05/10/00	53.60	7239.14
		11/14/00	54.15	7238.59
		05/21/01	54.20	7238.54
		11/16/01	54.28	7238.46
		04/17/02	54.04	7238.70
		10/30/02	54.19	7238.55
		05/21/03	54.23	7238.51
		11/10/03	54.28	7238.46
		06/07/04	54.21	7238.53
5 23B	7,282.63	10/25/90	55.78	7226.85
		11/15/90	55.75	7226.88
		01/03/91	55.90	7226.73
		02/07/91	56.20	7226.43
		03/07/91	56.02	7226.61
		04/16/91	56.08	7226.55
		05/22/91	56.14	7226.49
		06/19/91	56.17	7226.46

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		07/25/91	56.28	7226.35
		09/03/91	56.38	7226.25
		10/09/91	56.47	7226.16
		11/11/91	56.56	7226.07
		12/13/91	56.63	7226.00
		01/07/92	56.58	7226.05
		02/18/92	56.58	7226.05
		03/17/92	56.42	7226.21
		04/30/92	56.12	7226.51
		10/06/92	55.19	7227.44
		10/09/92	55.19	7227.44
		04/19/93	54.56	7228.07
		11/14/95	57.02	7225.61
		02/15/96	57.39	7225.24
		05/21/96	57.79	7224.84
		08/12/96	58.11	7224.52
		11/18/96	58.38	7224.25
		02/24/97	58.75	7223.88
		05/19/97	59.01	7223.62
	(Recorded DTW=60.33?)	08/18/97	59.33	7223.30
		11/16/97	59.66	7222.97
		02/10/98	59.97	7222.66
		06/08/98	60.36	7222.27
		09/29/98	60.73	7221.90
		04/27/99	61.29	7221.34
		10/11/99	61.66	7220.97
		05/10/00	61.88	7220.75
		11/14/00	62.09	7220.54
		05/21/01	62.19	7220.44
		11/16/01	62.33	7220.30
		04/17/02	62.47	7220.16
		10/30/02	62.74	7219.89
		05/20/03	62.94	7219.69
		11/10/03	63.16	7219.47
		06/07/04	63.40	7219.23
5 24B	7,279.18	10/25/90	53.64	7225.54
		11/15/90	53.72	7225.46
		01/03/91	53.76	7225.42
		01/09/91	53.78	7225.40
		02/07/91	53.86	7225.32
		03/07/91	53.86	7225.32
		04/16/91	53.94	7225.24
		05/22/91	54.00	7225.18
		07/26/91	54.15	7225.03
		09/03/91	54.21	7224.97
		10/10/91	54.30	7224.88
		11/11/91	54.38	7224.80
		12/13/91	54.43	7224.75
		01/07/92	54.40	7224.78
		02/18/92	54.40	7224.78

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		03/17/92	54.25	7224.93
		04/30/92	53.98	7225.20
		10/06/92	53.06	7226.12
		10/13/92	53.02	7226.16
		04/19/93	52.33	7226.85
		04/21/93	52.33	7226.85
		11/14/95	54.62	7224.56
		02/15/96	54.96	7224.22
		05/21/96	55.38	7223.80
		08/12/96	55.66	7223.52
		11/18/96	55.93	7223.25
		02/24/97	56.26	7222.92
		05/19/97	56.50	7222.68
		08/18/97	56.78	7222.40
		11/16/97	57.07	7222.11
		02/10/98	57.32	7221.86
		06/08/98	57.69	7221.49
		09/29/98	58.03	7221.15
		04/27/99	58.56	7220.62
		10/11/99	58.89	7220.29
		05/10/00	59.04	7220.14
		11/14/00	59.22	7219.96
		05/21/01	59.29	7219.89
		11/16/01	59.38	7219.80
		04/17/02	59.45	7219.73
		10/30/02	59.66	7219.52
		05/20/03	59.79	7219.39
		11/10/03	59.93	7219.25
		06/07/04	60.07	7219.11
5 34B	7,294.71	05/12/92	48.62	7246.09
		05/13/92	48.60	7246.11
		05/14/92	48.58	7246.13
		06/19/92	48.18	7246.53
		07/28/92	47.88	7246.83
		04/19/93	46.98	7247.73
		11/14/95	52.33	7242.38
		02/16/96	NM	--
		08/12/96	NM	--
		11/18/96	NM	--
		02/24/97	NM	--
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	PSH @ 58.54	10/11/99	58.56	7236.17
	PSH @ 57.33	05/10/00	57.35	7236.46
	PSH @ 57.57	11/14/00	57.61	7236.39
	PSH @ 58.78	05/21/01	58.83	7235.92
	PSH @ 59.02	11/16/01	59.26	7235.63
	PSH @ 59.09	04/17/02	59.86	7235.44
	PSH @ 58.94	10/30/02	60.10	7235.38

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
	PSH @ 59.48	05/21/03	60.72	7235.23
	PSH @ 60.03	11/10/03	61.31	7235.09
	PSH @ 60.32	06/07/04	61.38	7235.07
5 35B	7,296.11	05/05/92	50.55	7245.56
		05/14/92	50.32	7245.79
		05/30/92	50.14	7245.97
		06/19/92	49.94	7246.17
		06/29/92	49.81	7246.30
		07/24/92	49.61	7246.50
		08/07/92	49.51	7246.60
		08/31/92	49.35	7246.76
		09/15/92	49.29	7246.82
		09/29/92	49.26	7246.85
		10/14/92	49.20	7246.91
		04/19/93	48.79	7247.32
		04/22/93	48.73	7247.38
		11/14/95	NM	--
		02/15/96	NM	--
		08/12/96	NM	--
		11/18/96	NM	--
		02/24/97	NM	--
	PSH=sheen	05/19/97	56.21	7240.67
	PSH=0.9 ft	08/18/97	56.41	7240.47
		11/16/97	NM	--
	7295.33 (w/SVE ext) PSH not measured	02/10/98	55.79	7239.54
	PSH @ 57.15	10/11/99	57.16	7238.18
		05/10/00	56.68	7238.65
		11/14/00	57.30	7238.03
		05/21/01	57.51	7237.82
		11/16/01	57.75	7237.58
		04/17/02	57.96	7237.37
		10/30/02	57.97	7237.36
		05/21/03	58.31	7237.02
		11/10/03	58.43	7236.90
		06/07/04	58.69	7236.64
5 41B	7,279.73	10/06/92	61.03	7218.70
		10/09/92	60.99	7218.74
		04/19/93	60.38	7219.35
		04/20/93	60.40	7219.33
		11/14/95	61.90	7217.83
		02/15/96	62.26	7217.47
		05/21/96	62.72	7217.01
		08/12/96	63.12	7216.61
		11/18/96	63.52	7216.21
		02/24/97	63.97	7215.76
		05/19/97	64.36	7215.37
		08/18/97	64.72	7215.01
		11/16/97	NM	--
		02/10/98	NM	--

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/10/00	NM	--
		11/14/00	NM	--
5 47B	7,268.35	10/06/92	62.71	7205.64
		10/07/92	62.71	7205.64
		04/19/93	62.18	7206.17
		04/20/93	62.20	7206.15
		11/14/95	62.77	7205.58
		02/15/96	63.27	7205.08
		05/21/96	63.83	7204.52
		08/12/96	64.31	7204.04
		11/18/96	64.75	7203.60
		02/24/97	TP	--
		05/19/97	65.39	7202.96
		08/18/97	66.03	7202.32
		11/16/97	NM	--
5 48B	7,292.64	10/06/92	46.80	7245.84
		10/12/92	46.96	7245.68
		04/19/93	46.52	7246.12
		04/21/93	46.51	7246.13
		11/14/95	51.00	7241.64
		02/15/96	51.60	7241.04
		05/21/96	52.22	7240.42
		08/12/96	52.75	7239.89
		11/18/96	53.24	7239.40
		02/24/97	53.76	7238.88
		05/19/97	54.11	7238.53
		08/18/97	54.49	7238.15
		11/16/97	54.78	7237.86
		09/29/98	55.67	7236.97
		04/27/99	55.93	7236.71
		08/03/99	56.32	7236.32
		08/27/99	56.41	7236.23
		10/11/99	56.44	7236.20
		02/28/00	56.19	7236.45
		05/10/00	56.08	7236.56
		11/14/00	56.35	7236.29
		05/21/01	56.57	7236.07
		11/16/01	56.82	7235.82
		04/17/02	57.05	7235.59
		10/30/02	57.22	7235.42
		05/21/03	57.54	7235.10
		11/10/03	57.82	7234.82
		06/07/04	58.23	7234.41
5 57B	7,257.80	04/19/93	59.97	7197.83
		11/14/95	60.21	7197.59
		02/15/96	60.58	7197.22
		05/21/96	61.03	7196.77
		08/12/96	61.44	7196.36
		11/18/96	61.80	7196.00
		02/24/97	62.20	7195.60

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/19/97	62.51	7195.29
		08/18/97	62.82	7194.98
		11/16/97	NM	--
5 58B	7,279.38	04/19/93	64.09	7215.29
		11/14/95	65.55	7213.83
		02/15/96	66.16	7213.22
		05/21/96	66.83	7212.55
		08/12/96	67.37	7212.01
		11/18/96	67.86	7211.52
		02/24/97	68.42	7210.96
		05/19/97	68.82	7210.56
		08/18/97	69.21	7210.17
		11/16/97	NM	--
5 59		11/16/01	49.97	--
		04/17/02	50.07	--
		10/30/02	50.29	--
		05/21/03	50.38	--
		11/10/03	50.57	--
		06/07/04	50.66	--
5 60		11/16/01	52.01	--
		04/17/02	52.07	--
		10/30/02	52.27	--
		05/21/03	52.33	--
		11/10/03	52.51	--
		06/07/04	52.60	--
SVE-1	7,296.88	02/10/98	58.35	7238.53
		10/11/99	59.28	7237.60
		05/10/00	58.78	7238.10
		11/14/00	59.07	7237.81
		11/16/01	59.83	7237.05
		04/17/02	60.01	7236.87
		10/30/02	60.20	7236.68
		05/21/03	60.54	7236.34
		11/10/03	60.84	7236.04
		06/07/04	61.16	7235.72
SVE-2	7,297.68	02/10/98	58.85	7238.83
		10/11/99	59.57	7238.11
		05/10/00	58.99	7238.69
		11/14/00	59.29	7238.39
		11/16/01	60.14	7237.54
		04/17/02	60.28	7237.40
		10/30/02	60.49	7237.19
		05/21/03	60.83	7236.85
		11/10/03	61.18	7236.50
		06/07/04	61.49	7236.19
SVE-3	7,293.68	02/10/98	56.24	7237.44
		10/11/99	57.42	7236.26
		11/16/01	57.81	7235.87
		04/17/02	58.01	7235.67
		10/30/02	58.18	7235.50

Table 1. Summary of Groundwater Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/21/03	58.49	7235.19
		11/10/03	58.76	7234.92
		06/07/04	59.15	7234.53
SVE-4	7,289.83	02/10/98	52.91	7236.92
		10/11/99	54.48	7235.35
		11/16/01	54.75	7235.08
		04/17/02	54.94	7234.89
		10/30/02	55.19	7234.64
		05/21/03	55.48	7234.35
		11/10/03	55.75	7234.08
		06/07/04	56.14	7233.69
5-37I	7,296.31	10/11/99	58.90	7237.41
		05/10/00	58.46	7237.85
		11/14/00	58.99	7237.32
		11/16/01	59.46	7236.85
		04/17/02	59.64	7236.67
		10/30/02	59.71	7236.60
		05/21/03	59.94	7236.37
		11/10/03	60.14	7236.17
		06/07/04	60.33	7235.98
5-36E	7,296.56	10/11/99	60.76	7235.80
		05/10/00	59.76	7236.80
		11/14/00	59.25	7237.31
		11/16/01	61.31	7235.25
		04/17/02	61.51	7235.05
		10/30/02	61.59	7234.97
		05/21/03	61.46	7235.10
		11/10/03	61.86	7234.70
		06/07/04	62.30	7234.26

MP = Measuring point
fmsl = Feet above mean sea level
NM = Not measured
TP = Tagged top of pump

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
5-01B	11/21/95	3.8	7.37	12.8	1314	Muddy, no odor
	02/21/96	7.5	7.40	11.9	960	Turbid, no odor
	05/23/96	10.6a	7.28	13.2	1327	Turbid
	08/14/96	NM	7.51	15.8	1324	Turbid, no odor
	11/21/96	6.3	7.13	13.0	1080	Turbid
	02/27/97	4.57	7.49	7.7	820	Turbid
	05/21/97	3.73	7.02	14.0	990	Slightly turbid
	08/20/97	NM	7.29	14.7	1312	Turbid, no odor
5-01C	11/23/97	5.5	7.59	14.9	1252	Clear
	02/12/98	3.4	7.86	11.3	1137	Clear
	06/11/98	5.9	7.77	17.5	1248	Clear
	10/01/98	2.8	7.70	13.9	1255	Clear
	04/29/99	--/2.8	7.67	13.1	1262	Clear
	10/13/99	4.1	7.78	14.9	1294	Clear
	05/12/00	0.0/1.2	7.57	12.8	1390	Clear
	11/17/00	2.6	7.57	13.0	1467	Clear
	05/22/01	2.6/2.6	7.48	14.0	1510	Clear
	11/18/01	2.5	7.46	14.7	1506	Clear
	04/20/02	3.2	7.50	14.5	1494	Clear
	10/30/02	3.6	7.48	14.8	1498	Cloudy
	05/21/03	3.5	7.43	15.7	1571	Clear
	11/10/03	3.9	7.32	12.5	1387	Clear
	06/07/04	2.7	7.43	14.5	1637	Clear
5-02B	11/21/95	2.1	6.89	14.5	920	Slightly cloudy, HC odor
	02/22/96	4.0	7.14	11.9	1010	Colorless, suspended black silt, HC odor
	05/23/96	1.4	7.21	14.0	1430	HC odor, suspended black fine sand and silt
	08/14/96	NM	7.36	15.0	1000	HC odor, suspended black fine sand and silt
	11/21/96	2.9	7.02	13.0	990	Black, HC odor
	02/28/97	2.17	7.20	9.6	990	Clear
5-02C	11/24/97	3.0	7.24	12.5	1439	Turbid, Reddish
	02/11/98	0.9	7.24	10.1	1397	Clear
	06/10/98	1.3	7.15	13.5	1502	Slightly turbid, odor
	10/01/98	2.1	7.17	14.6	1617	Cloudy, odor
	04/28/99	--/0.8	7.10	13.4	1756	Clear, Strong HC odor
	10/13/99	0.9	7.12	14.1	1858	Cloudy, odor
	05/13/00	0.9	7.11	13.4	1821	Clear, strong odor
	11/17/00	2.2	7.18	13.1	1832	Clear, odor
	05/24/01	2.6/1.6	7.11	15.8	1800	Clear, odor
	11/17/01	NM	7.14	14.8	1806	Clear, odor
	04/20/02	1.5	7.15	15.0	1829	Cloudy, sweet odor
	10/31/02	0.9	7.11	15.6	1811	Cloudy, odor
	05/22/03	1.2	7.10	16.4	1833	Cloudy, odor
	11/11/03	1.7	7.03	12.9	1541	Cloudy, odor
	06/08/04	1.3	7.04	15.9	1934	Clear
5-03B	11/15/95	8.0	7.59	14.0	860	Clear, no odor
	05/20/96	7.0b	8.26	13.4	1282	Turbid
	08/12/96	8.6b	7.91	14.2	1000	Turbid
	11/18/96	8.0/7.0	7.77	12.0	1110	Turbid
	02/24/97	5.74/7.0	7.77	10.2	980	Turbid
	05/20/97	8.8/8.0	7.73	13.8	1060	Turbid
	05/18/97	8.0	7.69	13.5	1423	Turbid, Reddish
	11/17/97	7.36/8.0	7.64	13.4	1100	Turbid
	02/10/98	8.17	7.36	12.5	1000	Turbid
	06/08/98	8.8	7.58	13.4	1375	Turbid
	06/11/98	8.8	7.60	13.3	1379	Turbid (Resample - 1st Voa's broke)
	09/29/98	8.3/8.0	7.59	13.9	1390	Turbid
	04/27/99	8.6	7.72	13.8	1357	Redish silt, Turbid
	10/11/99	8.6/8.0	7.75	13.1	1326	Redish silt, Turbid
	05/11/00	7.6/7.5	7.78	13.1	1311	Redish turbid
	05/22/01	8.5/8.0	7.79	14.1	1314	Redish turbid
	04/18/02	8.2	7.81	14.9	1347	Red sand, turbid
	05/20/03	8.1	7.74	16.0	1415	Red sand, turbid
	06/07/04	2.7	7.65	14.2	1450	Red sand, turbid

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
5-04B	11/17/95	NM	7.15	14.6	1097	Clear, moderate HC odor
	11/22/95	5.6	7.87	14.0	720	Slightly cloudy, no HC odor
	05/14/00	--	--	--	--	Bailed dry @ 0.3 gals
	11/17/00	1.9	7.57	12.1	1851	Bailed dry @ 0.3 gals, turbid
	05/22/01	2.7/2.6	7.54	16.1	1994	Bailed dry @ 0.3 gals, turbid
	11/18/01	4.0	7.56	16.6	1994	Turbid w/odor. Bailed dry @ 0.2 gal
	04/19/02	4.8	7.48	17.0	1974	Turbid, Bailed dry @ 0.15 gal
	10/30/02	4.9	7.31	17.1	1961	Turbid, Bailed dry @ 0.06 gal
	05/21/03	7.1	7.52	18.5	1966	Clear, Bailed dry @ 0.08 gal
	11/10/03	8.9	7.85	14.9	1669	Muddy, Bailed dry @ 0.07 gal
5-05B	11/17/95	2.9	7.04	13.0	1350	Clear, moderate HC odor
	05/22/96	1.4	7.36	13.8	1419	Clear, no odor
	08/14/96	1.08	7.61	14.3	1395	Cloudy, HC odor
	11/20/96	4.2	7.26	12.2	1110	Clear
	02/25/97	2.86	7.46	8.2	890	Cloudy, HC odor
	10/13/99	7.1	7.42	13.2	1512	Clear
	05/11/00	2.2/2.4	7.38	13.3	1565	Cloudy
	11/17/00	2.5	7.43	12.8	1592	Cloudy
	05/22/01	2.5	7.37	14.4	1578	Cloudy, bailing down
	11/18/01	1.1	7.45	14.8	1290	Muddy, debris in well, odor (not hydrocarb)
	04/18/02	0.8	7.41	17.9	1444	Turbid (muddy water)
	10/30/02	1.2	7.29	15.1	1495	Turbid
	05/21/03	1.0	7.29	15.8	1515	Turbid (muddy water)
	11/10/03	2.1	7.16	12.4	1316	Turbid (muddy water)
	06/08/04	1.0	7.21	13.9	1555	Cloudy
5-06B	11/21/95	3.2	7.51	14.0	880	Slightly cloudy, no HC odor
	02/22/96	7.2	7.71	12.6	880	Clear, slight HC ordor
	05/23/96	1.7	7.90	13.2	1248	Clear
	08/15/96	NM	7.57	15.0	980	Clear, possible slight HC odor
	11/22/96	4.5	7.34	11.9	900	Clear
	02/28/97	1.11	7.78	11.7	895	Clear
	05/22/97	1.66	7.29	13.5	920	Clear
	08/20/97	2.7/2.2	7.62	14.2	1140	Clear
5-06C	11/23/97	0.5/0.8	7.67	14.3	1181	Turbid
	02/12/98	0.0	7.75	11.9	1072	Clear
	06/11/98	3.2/0.6	7.67	16.0	1159	Clear
	10/02/98	0.7	7.64	13.6	1152	Clear
	04/29/99	--/1.0	7.55	12.8	1135	Clear
	10/14/99	0.2/0.4	7.66	13.3	1156	Clear
	05/13/00	0.4/0.6	7.65	13.2	1178	Clear
	11/17/00	2.1	7.62	13.0	1287	Turbid
	05/22/01	0.9	7.61	13.9	1252	Turbid
	11/18/01	1.1	7.62	14.4	1241	Cloudy
	04/20/02	1.4	7.64	14.4	1256	Clear
	10/30/02	0.5	7.62	14.7	1265	Clear
	05/21/03	1.7	7.47	15.2	1432	Cloudy
	11/10/03	1.8	7.38	12.3	1244	Cloudy
	06/07/04	1.4	7.43	14.4	1441	Turbid
5-12B	11/16/95	6.5	7.38	13.9	900	Clear, no odor
	05/24/96	8.0	7.44	15.0	870	Clear
	08/13/96	8.6	8.27	13.9	1242	Clear
	11/19/96	--/8.0	7.25	12.5	890	Clear, no odor
	02/26/97	4.78/6.5	7.58	11.8	895	Clear
	05/21/97	6.15	7.48	13.7	905	Clear
	08/19/97	--/7.0	7.61	14.9	1255	Clear
	11/17/97	8.49	7.65	13.9	990	Clear
	02/11/98	6.2 /7.0	7.70	11.3	1114	Clear
	06/09/98	10.2/8.0	7.65	17.1	1217	Clear
	09/30/98	8.1/7.0	7.67	15.4	1232	Clear
	04/27/99	7.8	7.70	12.8	1240	Clear
	10/12/99	7.2	7.87	14.2	1241	Clear
	05/11/00	6.7	7.83	14.4	1248	Clear
	05/23/01	6.7	7.78	15.2	1251	Clear

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	04/19/02	7.4	8.04	15.1	1241	Clear
	05/20/03	8.6	8.00	15.8	1242	Clear
	06/08/04	3.9	8.03	16.3	1323	Clear
5-13B	11/20/95	4.3	7.59	13.9	800	Clear, HC odor
	02/21/96	4.2	7.67	13.8	840	Clear, HC odor
	05/22/96	1.4	7.68	13.8	860	Clear
	08/13/96	3.04	8.71	14.5	850	Clear, HC odor
	11/20/96	2.7	7.49	13.0	850	Clear, HC odor
	02/26/97	1.51	7.53	11.9	850	Clear
	05/21/97	2.79	7.31	13.4	880	Clear, Slight HC odor
	08/19/97	1.2/0.8	7.49	17.6	1205	Clear, HC odor
	11/18/97	--/1.2	7.78	10.1	1060	Clear
	02/11/98	1.3/1.0	7.81	11.0	1077	Clear, Odor
	06/09/98	1.8	7.54	14.6	1166	Clear, Odor
	09/30/98	1.2/1.4	7.57	14.3	1187	Clear, HC odor
	04/27/99	--	7.54	12.8	1223	Clear, HC odor
	10/12/99	3.0	7.62	13.4	1257	Clear
	05/11/00	0.1/0.8	7.50	13.2	1274	Clear
	11/16/00	2.1/1.0	7.44	13.2	1306	Clear
	05/23/01	2.3	7.47	14.1	1296	Clear
	11/17/01	2.2	7.53	15.0	1288	Clear
	04/19/02	1.9	7.49	15.2	1267	Cloudy
	10/31/02	1.7	7.47	15.4	1265	Clear
	05/20/03	1.9	7.44	15.5	1263	Clear
	11/11/03	1.8	7.34	12.9	1112	Clear
	06/08/04	1.5	7.95	16.4	1330	Clear
5-14B	11/16/95	8.0	8.03	14.6	1056	Very slightly cloudy
	05/21/96	9.8a	8.01	13.9	1011	Clear
	08/13/96	6.89	8.64	15.6	992	Clear
	11/19/96	6.1	7.42	12.5	720	Silty amber, no odor
	02/26/97	--/6.5	7.87	10.5	931	Clear, no odor
	05/21/97	6.81/7.0	7.87	13.2	964	Clear
	11/17/97	6.8	7.86	11.9	841	Clear
	02/10/98	8.12	6.91	10.2	630	Clear
	06/09/98	8.7/8.5	7.85	17.3	923	Clear
	09/30/98	6.70	7.79	15.0	1064	Slightly Turbid
	04/27/99	7.5/6.5	7.79	13.3	1058	Turbid
	10/12/99	7.9	7.88	13.5	1075	Cloudy
	05/11/00	7.3	7.85	13.0	1014	Clear
	05/24/01	8.1	7.86	14.3	1027	Clear
	04/19/02	6.9	7.86	15.5	1148	Turbid
	05/22/03	7.2	7.79	16.1	1168	Cloudy
	06/08/04	3.4	7.82	16.2	1246	Red Cloudy
5-15B	11/16/95	6.9	7.98	12.5	982	Clear, no odor
	05/22/96	4.9	7.67	13.0	710	Clear
	08/14/96	9.85	8.26	14.4	1006	Clear
	11/20/96	--/8.0	7.54	14.0	720	Clear
	02/26/97	--/6.8	7.82	11.4	977	Clear, no odor
	05/21/97	6.49	7.77	12.9	1020	Clear
	08/19/97	8.0/8.0	7.80	14.5	934	Clear
	11/17/97	6.4/6.5	7.78	11.8	904	Clear
	02/11/98	6.22/7.0	7.39	13.1	720	Slightly Turbid
	06/10/98	8.0/7.0	7.73	14.4	979	Slightly Turbid
	09/30/98	9.6	7.76	16.1	1031	Turbid
	04/28/99	--/7.0	7.73	13.0	1022	Cloudy
	10/12/99	5.8	7.87	13.3	950	Clear
	05/12/00	8.1	7.65	13.1	1008	Clear
	05/24/01	6.4	7.77	14.6	1049	Clear
	04/19/02	6.0	7.79	15.6	1116	Clear
	05/22/03	5.2	7.73	17.0	1150	Clear
	06/08/04	3.1	7.69	15.2	1159	Cloudy
5-16B	11/20/95	2.4	7.50	13.0	800	Clear, strong HC odor
	02/21/96	3.5	7.58	13.8	840	Clear, HC odor

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	05/23/96	1.3	7.47	13.2	1181	Clear, very strong HC odor
	08/15/96	1.9/1.0	7.46	14.3	1214	Clear, very strong HC odor
	11/21/96	--/1.0	7.45	13.0	1000	Clear, HC odor
	02/27/97	2.31	7.52	12.0	1131	Clear, strong HC odor
	05/22/97	1.13	7.30	14.9	900	Clear, strong HC odor
	08/20/97	1.6/0.4	7.41	15.4	1100	Clear, HC odor, Film on top
	11/19/97	0.4/0.4	7.46	12.6	1096	Clear, HC odor
	02/11/98	2.78	7.16	11.6	840	Clear, HC odor, film/sheen
	06/10/98	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	10/01/98	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	04/28/99	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	10/13/99	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	05/12/00	--	--	--	--	Clear w/blk particulates, sheen, strong odor
	11/17/00	--	--	--	--	Clear w/blk particulates, sheen, strong odor
	05/24/01	--	--	--	--	Clear w/blk particulates, sheen, strong odor
	11/18/01	--	--	--	--	Clear w/blk suspended solids, sheen
	04/20/02	--	--	--	--	Clear w/blk suspended solids, sheen
	10/31/02	--	--	--	--	Clear w/blk suspended solids, sheen
	05/22/03	--	--	--	--	Clear w/blk suspended solids, sheen
	11/11/03	--	--	--	--	Clear w/blk suspended solids, sheen
	06/08/04	1.47	7.76	15.60	544	Brackish, strong odor
5-17B	11/20/95	7.4	7.65	13.4	1525	Clear, no odor
	05/22/96	6.4	7.44	12.5	1005	Clear
	08/14/96	NM	7.66	17.0	1090	Clear
	11/20/96	NM	7.69	13.6	1160	Clear
	02/27/97	4.57	7.64	11.6	930	Clear
	05/21/97	NM	7.64	14.2	990	Clear
	08/20/97	9.0/8.0	7.67	15.8	1335	Clear, no odor
	11/18/97	9.5	7.91	12.0	990	Clear
	02/11/98	NM	7.25	10.2	910	Clear
	06/10/98	9.4	7.67	13.9	1331	Clear
	10/02/98	10.0	7.70	15.0	1345	Clear
	04/28/99	--/7.8	7.69	13.7	1344	Clear
	10/13/99	8.8/9.0	7.77	12.9	1381	Clear
	05/12/00	8.2	7.76	12.9	1363	Clear
	11/17/00	8.5	7.78	13.1	1385	Clear
	05/23/01	9.2/8.0	7.73	14.6	1405	Clear
	11/17/01	NM	7.73	14.9	1388	Clear
	04/19/02	8.4	7.80	14.8	1401	Clear
	10/31/02	8.5	7.75	15.3	1361	Clear
	05/22/03	8.6	7.71	15.7	1383	Clear
	11/11/03	8.9	7.61	12.6	1231	Clear
	06/08/04	3.3	7.44	14.9	1529	Clear
5-18B	11/17/95	1.4	7.68	14.0	720	Clear, HC odor
	02/21/96	5.6	7.76	12.2	760	Clear, HC odor
	05/22/96	1.5	7.62	13.3	790	Clear
	08/14/96	2.38	8.27	14.2	1071	Clear, HC odor
	11/20/96	2.3	7.70	13.0	890	Clear, HC odor
	02/27/97	1.29	7.78	11.7	988	Clear, HC odor
	05/22/97	4.45	7.71	13.3	1065	Clear, HC odor
	08/19/97	0.8/0.4	7.69	14.1	988	Clear, HC odor
	11/17/97	7.76	7.72	12.9	860	Clear
	02/11/98	2.28	7.33	12.8	790	Clear, HC odor
	06/10/98	0.6/0.6	7.61	13.6	1095	Clear, Odor
	09/30/98	2.2/0.8	7.60	15.6	1142	Clear, HC odor
	04/28/99	--/1.4	7.53	12.7	1144	Clear, HC odor
	10/12/99	2.3/2.0	7.64	14.0	1164	Clear, HC odor
	05/12/00	2.4	7.54	13.4	1198	Clear, Odor
	11/16/00	3.8	7.52	13.0	1257	Clear, Odor
	05/24/01	3.8	7.51	15.7	1264	Clear
	11/17/01	3.8	7.51	15.4	1234	Clear
	04/20/02	2.0	7.61	14.5	1124	Clear
	10/31/02	1.0	7.56	15.5	1112	Clear, slight odor

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	05/22/03	1.6	7.52	15.6	1117	Clear, Odor
	11/11/03	1.9	7.45	13.0	976	Clear, Odor
	06/08/04	1.8	7.43	16.5	1171	---
5-19B	11/20/95	2.00	7.68	13.0	700	Clear, slight HC odor
	02/21/96	4.4	7.81	12.7	730	Clear, HC odor
	05/22/96	2.0	7.78	14.1	1023	Clear, slight HC odor
	08/14/96	3.0	7.99	14.7	1022	Clear
	11/21/96	3.2	7.79	12.8	840	Clear, HC odor
	02/27/97	1.9/1.8	7.83	10.2	951	Clear, HC odor
	05/21/97	2.7	7.84	12.8	1002	Clear, HC odor
	08/20/97	2.5/1.6	7.82	15.7	939	Clear, HC odor
	11/17/97	3.68/1.0	7.91	12.3	800	Clear, Slight HC odor
	02/11/98	2.26	7.47	12.0	710	Clear, HC odor
	06/10/98	0.5	7.80	13.8	968	Clear, Odor
	10/01/98	0.2/0.4	7.75	14.0	982	Clear, HC odor
	04/28/99	--/0.4	7.89	12.7	982	Clear, HC odor
	10/12/99	0.2	8.00	13.6	990	Clear, HC odor
	05/12/00	0.6/0.8	7.89	13.0	986	Clear, slight odor
	11/17/00	1.2/1.4	7.96	13.2	999	Clear, Odor
	05/24/01	1.8/1.6	7.93	14.9	1007	Clear
	11/17/01	1.5	7.92	15.2	1019	Clear
	04/19/02	0.7	8.00	15.1	1038	Clear
	10/31/02	2.6	7.95	15.5	1051	Clear
	05/22/03	1.0	7.88	16.2	1094	Clear
	11/11/03	1.4	7.81	13.0	971	Clear
	06/08/04	1.5	7.87	15.0	1147	Cloudy
5-20B	11/17/95	2.9	7.16	13.7	1200	Clear, slight HC odor
	05/22/96	1.8	7.18	14.4	1120	Clear
	08/14/96	4.84	7.82	16.2	1629	Clear, HC odor
	11/20/96	NM	7.04	12.5	1180	Clear
	02/27/97	1.51	7.21	11.1	1120	Slightly Cloudy
	05/22/97	1.83/1.0	7.39	13.4	1537	Clear, HC odor
	08/19/97	2.5/1.2	7.13	16.9	1590	Clear, HC odor
	11/18/97	6.91	7.42	12.4	1200	Clear, HC odor
	02/11/98	0.00	7.35	10.9	1369	Clear
	06/09/98	2.80	7.29	16.1	1481	Clear
	10/01/98	2.4/1.8	7.31	15.8	1467	Clear
	04/28/99	--/0.8	7.30	13.4	1362	Clear
	10/12/99	2.6/2.2	7.46	14.4	1334	Clear
	05/12/00	0.5/0.6	7.25	12.7	1325	Clear, slight odor
	11/16/00	1.4/1.4	7.45	12.7	1337	Clear, slight odor
	05/24/01	1.1/0.8	7.48	14.4	1290	Clear, slight odor
	11/17/01	1.4	7.52	15.2	1260	Clear, slight odor
	04/19/02	0.7	7.49	14.9	1275	Clear
	10/31/02	1.1	7.48	15.3	1292	Clear
	05/22/03	0.5	7.42	15.7	1306	Clear
	11/11/03	1.5	7.35	12.9	1149	Clear
	06/08/04	1.6	7.41	13.9	1332	Clear
5-22B	11/15/95	6.4	7.70	12.9	990	Clear, no odor
	02/22/96	6.6	7.47	12.3	1030	Turbid, very light brown, no odor
	05/20/96	NM	8.32	13.8	1549	Slightly turbid
	08/12/96	8.01	7.63	15.0	1100	Turbid, no odor
	11/18/96	5.6	7.48	12.2	1300	Slightly cloudy
	02/27/97	3.53	7.39	10.0	1180	Turbid, HC odor
	05/22/97	NM	7.49	13.0	1899	Turbid
	08/20/97	3.0/2.2	7.32	14.8	2060	Clear, HC odor
	11/18/97	--/1.8	7.80	13.6	1740	Turbid, slight odor
5-23B	11/16/95	3.8	7.31	13.3	800	Clear, no odor
	05/22/96	2.6	7.66	13.0	1077	Clear
	08/13/96	5.06	8.80	15.0	780	Clear
	11/19/96	4.4	7.69	13.0	880	Clear
	02/26/97	--/3.4	7.73	11.8	1018	Clear, no odor (3.4 DO is low range of Hach)
	05/21/97	4.1/4.0	7.73	12.6	1036	Clear, (low range Hach DO = 3.8)

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	08/19/97	3.0/2.8	7.75	14.5	949	Clear
	11/17/97	2.0	7.74	11.1	920	Clear
	02/10/98	1.0	7.77	10.7	928	Clear
	06/08/98	2.8/2.2	7.01	13.7	1004	Clear
	09/29/98	2.6/2.0	7.67	13.7	1013	Clear
	04/27/99	2.6/2.0	7.72	12.9	1015	Clear
	10/12/99	1.6/1.8	7.83	12.8	1024	Clear
	05/11/00	1.5/1.8	7.77	13.0	1035	Clear
	05/23/01	2.1	7.72	14.0	1084	Clear
	04/19/02	1.5	7.72	15.0	1103	Clear
	05/20/03	1.2	7.71	15.6	1112	Clear
	06/08/04	1.6	7.63	14.3	1131	Clear
5-24B	11/17/95	1.7	7.33	13.2	1050	Slight cloudy, HC odor
	05/21/96	3.5	7.41	13.9	1050	Clear
	08/13/96	2.32	8.07	16.0	1050	Clear
	11/19/96	3.30	7.36	12.6	1210	Slightly turbid, faint odor
	02/26/97	--/1.4	7.42	11.6	1468	Clear, slight odor
	05/20/97	4.83	7.56	12.6	1240	Clear
	05/21/97	3.44	7.24	13.1	1110	Slight odor, little cloudy
	08/19/97	3.8/4.0	7.32	15.5	1568	Slightly turbid, Red
	11/18/97	2.20	7.39	12.2	1386	Slightly turbid
	02/10/98	3.2/3.0	7.44	11.2	1392	Slightly turbid
	06/09/98	4.30	7.34	14.6	1492	Cloudy, turbid
	09/29/98	5.5	7.32	13.6	1499	Turbid
	04/27/99	9.7/8.0	7.37	14.1	1501	Slightly Cloudy
	10/11/99	4.3	7.46	13.6	1468	Very Turbid
	05/11/00	4.8	7.43	13.5	1454	Cloudy
	11/16/00	7.4/6.0	7.52	12.6	1467	Red, very turbid
	05/23/01	2.9	7.52	15.0	1475	Turbid, redish color
	11/17/01	4.9	7.54	15.3	1449	Clear
	04/19/02	2.2	7.56	15.0	1426	Very turbid, red sand
	10/31/02	4.1	7.62	15.3	1413	Very turbid
	05/20/03	1.3	7.51	15.4	1397	Turbid
	11/11/03	4.8	7.46	13.0	1215	Turbid
	06/08/04	2.8	7.68	15.4	1428	Turbid
5-37i	08/15/96	1.67	8.48	17.2	1382	Turbid, green cloudy color, strong HC odor
	11/22/96	NM	7.70	14.9	1080	Greenish black, strong HC odor
5-41B	11/16/95	2.00	7.28	14.5	940	Clear, no odor
	05/21/96	1.82	7.41	15.8	920	Clear
	08/13/96	2.68	7.99	15.0	910	Clear
	11/19/96	3.80	7.41	13.8	1080	Clear
	02/25/97	1.65	7.43	12.5	930	Clear
	05/20/97	4.83/3.0	7.56	12.6	1230	Clear (Hach DO low range = 2.6)
	08/18/97	--/2.2	7.55	14.1	1285	Clear
5-47B	11/15/95	2.50	7.83	13.0	900	Slightly cloudy, no odor
	05/21/96	4.70	7.54	14.6	1080	Clear
	08/13/96	3.17	7.98	15.2	1060	Clear
	11/19/96	NM	7.56	19.1	1110	Clear
	02/26/97	2.20	7.71	11.0	1000	Clear
	05/20/97	3.18/2.6	7.74	13.8	1100	Slightly turbid
	08/18/97	--/4.0	7.68	16.3	1470	Clear
5-48B	11/20/95	1.40	7.60	13.7	1035	Clear, strong HC odor
	02/21/96	3.60	7.54	14.0	750	Very slightly cloudy, HC odor
	05/22/96	2.20	7.62	14.6	1032	Clear, HC odor
	08/14/96	2.80	7.62	15.5	800	Clear, strong HC odor
	11/21/96	3.10	7.45	15.2	780	Clear, strong HC odor
	02/27/97	2.40	7.61	11.8	950	Clear, strong HC odor
	05/22/97	2.52	7.33	14.1	820	Clear, strong HC odor
	08/20/97	2.2/0.4	7.34	18.3	1139	Yellow tint, strong HC odor
	11/19/97	5.57/1.6	7.48	14.0	900	Clear, strong HC odor
	02/12/98	2.23	7.44	14.8	810	Clear, HC odor
	06/11/98	3.6/2.0	7.53	16.3	1176	Clear, HC odor
	10/01/98	0.2	7.56	15.7	1239	Cloudy w/blk flec's, turns dark in light,odor

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	04/28/99	--	7.47	15.4	1261	Clear w/blk flec's, strong HC odor, sheen
	10/12/99	--	--	--	--	Clear w/blk flec's, strong HC odor, sheen
	05/12/00	--	--	--	--	Blk, turbid, odor, sheen streamers
	11/17/00	--	--	--	--	Blk, turbid, odor, sheen streamers
	05/22/01	--	--	--	--	Blk, turbid, odor, sheen streamers
	11/18/01	--	--	--	--	Blk, suspended solids, odor, sheen
	04/20/02	0.9	7.54	15.7	1524	Turbid, odor
	10/30/02	--	--	--	--	Blk, suspended solids, turbid, odor, sheen
	05/21/03	--	--	--	--	Blk, suspended solids, turbid, odor, sheen
	11/11/03	--	--	--	--	Blk, suspended solids, turbid, odor, sheen
	06/07/04	0.9	7.5	16.2	1550	Black
5-57B	11/15/95	4.60	7.59	13.1	880	Brown muddy
	05/20/96	3.10	8.75	13.2	1212	Slightly turbid
	08/12/96	5.24	7.76	14.0	875	Slightly turbid, no odor
	11/18/96	5.4/2.2	7.53	12.9	980	Slightly cloudy
	02/25/97	--/3.4	7.71	10.6	1191	Light amber, no odor
	05/20/97	6.01	7.69	12.8	1130	Slightly cloudy, reddish tint, no odor
	08/18/97	0.7/2.6	7.69	14.4	1071	Slightly turbid
5-58B	11/16/95	8.10	7.47	14.8	740	Cloudy brown, no odor
	05/20/96	6.70	8.71	13.2	1073	Slightly turbid
	08/12/96	6.44	7.71	14.5	750	Slightly turbid, no odor
	11/18/96	7.00	7.58	12.6	880	Slightly cloudy
	02/25/97	7.0b	7.69	11.4	1073	Light amber, no odor
	05/20/97	6.84	7.73	13.2	790	Slightly turbid
	08/18/97	5.8/6.5	7.68	15.2	964	Slightly turbid
5-59	11/18/01	6.2	7.50	14.5	1430	Turbid
	04/20/02	6.7	7.60	14.1	1431	Turbid
	10/30/02	8.1	7.68	14.6	1437	Very turbid
	05/21/03	5.9	7.40	15.3	1519	Turbid
	11/11/03	6.8	7.21	12.4	1295	Turbid
	06/08/04	3.2	7.38	12.8	1495	Turbid
5-60	11/18/01	6.5	7.67	14.5	1296	Very turbid
	04/20/02	6.6	7.74	14.1	1291	Very turbid, red silt
	10/30/02	7.4	7.67	14.9	1272	Turbid
	05/21/03	7.7	7.63	15.6	1297	Very turbid, red silt
	11/10/03	7.5	7.72	12.4	1171	Very turbid
	06/07/04	3.1	7.60	13.9	1415	Cloudy
SVE-1	05/11/00	7.8	7.90	13.5	992	Red turbid
	11/16/00	8.0	7.85	13.6	1008	Red turbid
	11/18/01	8.3	7.90	15.6	1016	Turbid
	04/18/02	8.3	7.96	15.7	1017	Turbid, bailing down
	10/30/02	8.5	7.58	16.1	1000	Turbid
	05/21/03	8.5	7.80	17.7	1009	Clear
	11/10/03	8.8	7.90	14.0	904	Clear
	06/07/04	2.1	7.98	21.7	1062	---

HC = Hydrocarbon

NM = Not measured

(a) Value above theoretical dissolved oxygen concentration for this altitude; therefore, measurement is suspect.

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
5-01B	12/89	ER	< 5.0	6.3	< 5.0	NA
	03/90	ER	< 5.0	< 5.0	< 5.0	25
	06/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	< 1	< 1	< 1	3.5
	11/90	EH	< 0.50	< 0.50	< 0.50	3.0
	01/91	EH	< 1.0	< 1.0	< 1.0	4.8
	02/91	EH	1.6	< 0.50	< 0.50	4.6
	03/91	EH	2.0	< 0.50	< 0.50	5.2
	04/91	EH	1.2	< 0.50	< 0.50	3.6
	05/91	EH	< 0.50	< 0.50	< 0.50	5.4
	06/91	EH	< 0.50	0.63	< 0.50	1.9
	07/91	EH	< 0.50	< 0.50	< 0.50	6.0
	09/91	EH	< 0.50	< 0.50	< 0.50	7.8
	10/91	ER	< 0.50	< 0.50	< 0.50	6.4
	11/91	ER	< 0.50	< 0.50	< 0.50	9.8
	12/91	ER	< 0.50	< 0.50	< 0.50	2.4
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	0.79
	02/20/92	ER	< 0.50	< 0.50	< 0.50	5.2
	03/18/92	ATI-P	< 2.5	< 0.5	< 0.5	3.3
	04/29/92	ATI-P	< 0.5	< 0.5	< 0.5	2.3
	10/14/92	ATI-P	< 0.5	< 0.5	< 0.5	4.7
	12/13/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/27/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/21/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/22/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/15/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/22/96	HEAL	0.8	< 0.5	< 0.5	< 0.5
	02/28/97	HEAL	0.6	< 0.5	< 0.5	< 0.5
	05/22/97	HEAL	1.2	< 0.5	< 0.5	< 0.5
	08/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-01C	11/23/97	HEAL	1.4	< 0.5	< 0.5	< 0.5
	01/08/98	HEAL	2.0	< 0.5	< 0.5	< 0.5
	02/12/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/11/98	HEAL	6.5	< 0.5	< 0.5	< 0.5
	10/02/98	HEAL	5.2	< 0.5	< 0.5	< 0.5
	04/29/99	OAL	< 1	< 1	< 1	< 1
	10/14/99	OAL	< 1	< 2	< 2	< 4
Pulled pump	05/12/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/10/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/07/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-02B	05/89	ER	1800	2000	< 200	NA

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	08/89	ER	2500	4700	< 500	NA
	11/89	ER	1800	3100	250	NA
	03/90	ER	2300	3800	< 250	2400
	06/90	ER	1900	3100	< 250	2300
	08/90	AS	1400	2300	180	1700
	11/90	EH	1500	2400	230	1900
	01/91	EH	600	730	110	940
	02/91	EH	460	580	75	600
	03/91	EH	2400	3300	290	2600
	04/91	EH	830	1200	110	920
	05/91	EH	830	1200	150	1300
	06/91	EH	5.1	7.0	0.57	4.7
	07/91	EH	400	600	49	420
	09/91	EH	510	750	57	530
	10/91	ER	290	450	37	310
	11/91	ER	740	1200	97	950
	12/91	ER	330	580	31	320
	01/09/92	ER	360	710	52	480
	01/28/92	ER	420	810	64	560
	02/20/92	ER	890	1600	140	1200
	03/19/92	ATI-P	910	2100	170	1700
	04/29/92	ATI-P	1700	3800	240	2200
	10/14/92	ATI-P	800	700	74	640
	04/22/93	ATI-A	120	< 0.5	11	38
	12/09/94	HEAL	2100	2600	220	1800
	06/26/95	HEAL	1200	2700	130	1200
	10/06/95	HEAL	490	1600	66	640
	11/21/95	HEAL	740	2900	160	1100
	02/22/96	HEAL	260	1000	62	600
	05/21/96	HEAL	380	120	1300	1100
	08/14/96	HEAL	420	1200	100	880
	11/21/96	HEAL	660	1300	150	1600
	02/28/97	HEAL	260	500	90	680
5-02C	11/23/97	HEAL	26	2.7	9.1	2.7
	02/11/98	HEAL	110	7.0	33	8.3
	06/10/98	HEAL	460	1000	120	750
	10/01/98	HEAL	1300	3500	230	1800
	04/28/99	OAL	1500	4400	260	2500
	10/13/99	OAL	1300	3900	320	3100
	05/13/00	OAL	980	3400	340	3500
	11/17/00	NCA	671	1000	372	3820
	05/24/01	Analysys	446	60	340	3406
	11/17/01	Analysys	587	15.2	365	3622
	04/20/02	HEAL	450	< 10	300	3100
	10/31/02	HEAL	330	< 5.0	230	2000
	05/22/03	HEAL	290	< 10	200	800
	11/11/03	HEAL	450	< 2.5	240	770
	06/08/04	HEAL	270	28	160	1000
5-03B	05/89	ER	< 5.0	< 5.0	< 5.0	NA
	11/89	ER	< 5.0	< 5.0	< 5.0	NA

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	04/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	05/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1
	01/91	EH	< 0.30	< 0.30	< 0.30	< 0.60
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	1.4	< 0.50	2.2
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	09/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	11/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	12/09/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/24/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/11/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	04/18/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/07/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-04B	10/89	ER	< 25	< 25	< 25	NA
	12/89	ER	18	< 5.0	< 5.0	NA
	01/90	ER	21	< 5.0	< 5.0	NA
	04/90	ER	54	< 5.0	7.1	110
	06/90	ER	60	< 50	< 50	64
	08/90	AS	63	9.5	< 1	15
	11/90	EH	25	< 5.0	< 5.0	< 10

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	01/91	EH	22	1.6	0.75	5.6
	03/91	EH	76	11	< 0.50	5.7
	04/91	EH	39	0.66	< 0.50	2.9
	05/91	EH	90	1.1	0.96	13
	06/91	EH	81	21	14	87
	07/91	EH	71	< 0.5	4.5	43
	09/91	EH	270	< 1.0	6.6	54
	10/91	ER	180	< 5.0	7.8	48
	11/91	ER	< 1.2	< 1.2	11	83
	12/91	ER	100	< 2.5	5.1	45
	01/10/92	ER	53	< 1.2	3.7	44
	01/28/92	ER	48	2.8	6.5	44
	02/19/92	ER	42	< 1.0	3.4	39
	03/18/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	86	80	60	570
	10/13/92	ATI-P	230	40	19	260
	04/21/93	ATI-A	170	130	26	280
	12/12/94	HEAL	12	2.2	3.4	3.3
	12/20/94	HEAL	2.7	0.7	< 0.5	1.3
	01/10/95	HEAL	9.8	2.3	< 0.5	2.0
	03/07/95	HEAL	93	1.5	6.1	1.9
	06/08/95	HEAL	9.4	1.4	0.6	< 0.5
	06/26/95	HEAL	15	< 0.5	0.7	< 0.5
	10/05/95	HEAL	44	1.7	3.1	< 0.5
	11/17/95	HEAL	9.9	1.1	0.6	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/14/00	OAL	3	< 2	< 2	< 4
	11/17/00	NCA	1.65	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	1.72	< 1	< 1	< 2
	11/18/01	Analysys	<1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-05B	10/89	ER	< 5.0	< 5.0	8.7	NA
	11/89	ER	< 5.0	< 5.0	< 5.0	NA
	04/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	06/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	2.5	< 1	< 1	4.6
	11/90	EH	1.4	< 0.50	< 0.50	2.9
	01/91	EH	< 0.50	< 0.50	< 0.50	0.56
	02/91	EH	49	35	7.4	56
	03/91	EH	12	1.2	< 0.50	< 1.0
	04/91	EH	1.3	< 0.50	< 0.50	< 1.0
	05/91	EH	4.6	< 0.50	< 0.50	< 1.0
	06/91	EH	3.8	< 0.50	< 0.50	< 1.0
	07/91	EH	0.51	< 0.50	< 0.50	< 1.0
	09/91	EH	3.0	< 0.50	< 0.50	< 1.0
	10/91	ER	0.90	< 0.50	< 0.50	< 0.50
	11/91	ER	1.2	< 0.50	< 0.50	< 0.50

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	53	< 0.5	11	84
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/12/92	ATI-P	770	110	25	160
	04/21/93	ATI-A	38	< 0.5	2.4	3
	12/12/94	HEAL	150	33	16	47
	06/26/95	HEAL	17	0.7	1.6	0.9
	10/05/95	HEAL	8.2	< 0.5	0.9	< 0.5
	11/17/95	HEAL	5.0	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	0.9	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	1.0	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	0.9	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	3.3	1.5	< 0.5	< 0.5
	02/25/97	HEAL	3.0	1.4	< 0.5	0.6
	10/14/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	0.981	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	1.61	< 1	< 1	< 2
	11/18/01	Analysys	7.4	< 1	< 1	< 2
	04/18/02	HEAL	5.2	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	3.4	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	2.1	0.92	1.0	2.6
	11/10/03	HEAL	1.8	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	2.5	< 0.50	0.51	1.3
5-06B	10/89	ER	15	< 5.0	< 5.0	NA
	12/89	ER	7.4	35	21	NA
	01/90	ER	< 5.0	< 5.0	8.3	NA
	04/90	ER	5.3	< 5.0	< 5.0	120
	06/90	ER	< 5.0	< 5.0	< 5.0	19
	08/90	AS	< 1	< 1	1.5	36
	11/90	EH	1.8	< 0.50	0.5	21
	01/91	EH	< 1.0	< 1.0	< 1.0	31
	02/91	EH	12	2.5	< 0.50	21
	03/91	EH	2.0	< 0.50	< 0.50	5.1
	04/91	EH	5.2	< 0.50	< 0.50	12
	05/91	EH	7.7	< 0.50	< 0.50	18
	06/91	EH	11	2.3	< 0.50	25
	07/91	EH	1.5	< 0.50	< 0.50	15
	09/91	EH	3.5	< 0.50	< 0.50	13
	10/91	ER	3.1	0.62	0.77	9.3
	11/91	ER	1.4	< 0.50	< 0.50	6.0
	11/91	ATI	2.3	< 0.50	< 0.50	18
	12/91	ER	< 0.50	< 0.50	< 0.50	5.0
	01/09/92	ER	2.3	< 0.50	< 0.50	< 0.50
	01/27/92	ER	1.3	< 0.50	< 0.50	2.6
	02/20/92	ER	1.0	< 0.50	< 0.50	1.2
	03/18/92	ATI-P	0.9	< 0.50	< 0.50	2.3

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	04/29/92	ATI-P	1.4	< 0.50	< 0.50	3.6
	10/14/92	ATI-P	1.0	< 0.50	< 0.50	2.8
	12/14/94	HEAL	4.3	< 0.50	< 0.50	0.7
	06/27/95	HEAL	2.2	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	4.6	< 0.5	< 0.5	< 0.5
	11/21/95	HEAL	6.2	< 0.5	< 0.5	< 0.5
	02/22/96	HEAL	4.3	< 0.5	< 0.5	< 0.5
	04/17/96	HEAL	8.9	< 0.5	< 0.5	0.5
	04/17/96	AEN	9.4	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	1.2	< 0.5	< 0.5	< 0.5
	08/15/96	HEAL	2.4	< 0.5	< 0.5	< 0.5
	11/22/96	HEAL	0.9	< 5.0	< 5.0	< 0.5
	02/28/97	HEAL	0.9	< 5.0	< 5.0	< 0.5
	05/22/97	HEAL	0.7	< 5.0	< 5.0	< 0.5
	08/20/97	HEAL	0.7	< 5.0	< 5.0	< 0.5
5-06C	11/23/97	HEAL	1.4	0.6	< 5.0	11
	12/08/98	HEAL	1.0	< 0.5	< 0.5	5.7
	01/08/98	HEAL	1.9	< 0.5	< 0.5	3.1
	02/12/98	HEAL	2.2	1.4	< 0.5	1.3
	06/11/98	HEAL	1.2	0.6	< 0.5	< 0.5
	10/02/98	HEAL	1.5	1.3	< 0.5	< 0.5
	04/29/99	OAL	< 1	< 1	< 1	< 1
	10/14/99	OAL	< 1	< 2	< 2	< 4
	05/13/00	OAL	1	< 2	< 2	< 4
Pulled pump	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	1.19	< 1	< 1	< 2
	04/20/02	HEAL	1.1	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/10/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/07/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-12B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	1.5	4.7	0.79	3.8
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-13B	08/90	AS	54	13	< 1	330
	11/90	EH	61	< 10	< 10	480
	01/91	EH	180	17	< 5.0	310
	02/91	EH	270	25	< 10	460
	03/91	EH	240	< 50	< 50	480
	04/91	EH	430	< 0.50	< 0.50	620
	05/91	EH	290	< 10	< 10	450
	06/91	EH	330	0.53	< 0.50	600
	07/91	EH	97	0.72	< 0.50	760
	10/91	ER	71	< 5.0	< 5.0	510
	01/08/92	ER	150	< 25	< 25	570
	05/01/92	ATI-P	76	8.0	< 0.5	67
	10/13/92	ATI-P	88	8.7	< 0.5	1.5
	10/05/95	HEAL	0.6	2.5	0.5	1.9
	11/20/95	HEAL	< 0.5	< 0.5	0.6	2.0
	02/21/96	HEAL	1.0	0.7	< 0.5	< 0.5
	05/21/96	HEAL	0.7	< 0.5	< 0.5	0.8
	08/13/96	HEAL	1	5.4	< 0.5	< 0.5
	11/21/96	HEAL	1.2	6.1	< 0.5	< 0.5
	02/26/97	HEAL	1.5	5.9	< 0.5	2.5
	05/21/97	HEAL	1.1	4.3	< 0.5	0.7
	08/19/97	HEAL	1.2	2.9	< 0.5	0.6
	11/18/97	HEAL	1.3	2	< 0.5	< 0.5
	02/11/98	HEAL	0.9	1.5	< 0.5	< 0.5
	06/09/98	HEAL	0.8	0.7	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	1.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-14B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	2.8	3.2	0.53	2.0
	07/91	EH	0.60	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/06/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	2.6	1.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/24/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-15B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	2.1	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.30	< 0.30	< 0.30	1.0
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	07/91	EH	< 0.50	0.59	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/05/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	0.9	< 0.5	< 0.5	0.5
	02/11/98	HEAL	1.5	< 0.5	1.0	1.2
	06/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	< 1	< 2	< 2	< 4
	05/24/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-16B	08/90	AS	19	25	50	320
	01/91	EH	< 0.30	< 0.30	< 0.30	< 0.60
	02/91	EH	320	46	170	860
	03/91	EH	920	14	1.2	130
	04/91	EH	92	< 0.50	0.68	9.2
	05/91	EH	270	< 12	230	1100
	06/91	EH	450	490	460	2300
	07/91	EH	260	140	400	2400
	09/91	EH	460	320	550	3600
	10/91	ER	170	420	460	3200
	11/91	ER	180	430	330	2400
	12/91	ER	140	490	360	2900
	01/08/92	ER	200	500	410	3000
	02/20/92	ER	170	330	470	3200
	03/18/92	ATI-P	53	89	400	2400
	04/29/92	ATI-P	23	3.3	210	1000
	10/13/92	ATI-P	5.1	2.3	12	63
	04/20/93	ATI-A	6.5	< 0.5	14	51
	10/05/95	HEAL	610	5900	300	2600
	11/20/95	HEAL	970	7100	430	3100
	02/21/96	HEAL	1700	6900	340	3600
	05/21/96	HEAL	1500	280	6900	3500
	08/15/96	HEAL	670	3600	130	2400
	11/21/96	HEAL	460	2200	130	2500
	02/27/97	HEAL	250	1100	190	2000
	05/22/97	HEAL	130	720	110	1500
	08/20/97	HEAL	130	820	120	1300
	11/19/97	HEAL	85	730	100	1100
	02/11/98	HEAL	41	360	90	660
	06/10/98	HEAL	23	210	56	590
	10/01/98	HEAL	140	190	66	590
	04/28/99	OAL	200	170	45	620

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	10/13/99	OAL	610	630	79	600
	12/05/99	OAL	720	390	130	570
	05/12/00	OAL	600	290	92	360
	11/17/00	NCA	1360	742	213	1010
	05/24/01	Analysys	1240	487	174	1105
	11/18/01	Analysys	2330	948	356	1987
	04/20/02	HEAL	1800	660	230	1400
	10/31/02	HEAL	1300	240	170	1100
	05/22/03	HEAL	1300	130	180	950
	11/11/03	HEAL	2300	240	340	1700
	06/08/04	HEAL	890	< 5	110	260
5-17B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.50	< 0.50	< 0.50	< 0.50
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	0.72	2.9	1.8	11
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/08/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/27/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/01/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/99	OAL	< 1	< 1	< 1	< 1
	10/13/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-18B	08/90	AS	1100	14	< 1	220
	11/90	EH	1900	< 100	< 100	320
	01/91	EH	1300	< 25	< 25	170
	02/91	EH	970	11	< 5.0	170
	03/91	EH	260	1.8	< 0.50	23
	04/91	EH	1000	< 1.0	< 1.0	78
	06/91	EH	680	1.1	1.0	150
	07/91	EH	1500	3.0	1.5	70
	10/91	ER	1200	< 25	< 25	130
	01/08/92	ER	1100	< 25	< 25	88
	05/01/92	ATI-P	790	2.7	< 0.5	36
	10/13/92	ATI-P	820	< 0.5	1.0	36
	04/22/93	ATI-A	360	< 0.5	0.5	2.6
	10/05/95	HEAL	87	8.4	9.0	26
	11/17/95	HEAL	240	24	22	53
	02/21/96	HEAL	290	54	37	110
	05/21/96	HEAL	390	56	1.3	50
	08/14/96	HEAL	400	< 0.5	53	0.9
	11/21/96	HEAL	210	5	48	< 0.5
	02/27/97	HEAL	9.4	5.2	64	1.5
	05/22/97	HEAL	< 0.5	4.7	88	0.8
	08/19/97	HEAL	1.1	4.9	110	1.5
	11/17/97	HEAL	0.9	6	140	1.1
	02/11/98	HEAL	0.9	6.4	120	1.1
	06/10/98	HEAL	< 0.5	6.2	64	< 0.5
	09/30/98	HEAL	5.6	1.3	17	1.0
	04/28/99	OAL	2	< 1	< 1	2.0
	10/12/99	OAL	17	< 2	5	42
	05/12/00	OAL	10	< 2	12	14
	11/16/00	NCA	1.93	< 0.500	< 0.500	1.60
	05/24/01	Analysys	2.92	< 1	< 1	< 2
	11/17/01	Analysys	<1	< 1	< 1	< 2
	04/20/02	HEAL	0.55	< 0.50	0.72	0.89
	10/31/02	HEAL	0.68	< 0.50	< 0.50	0.95
	05/22/03	HEAL	< 0.50	5.9	< 0.50	2.5
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	0.91	1.2
5-19B	08/90	AS	190	3.5	5.8	44
	11/90	EH	180	11	< 10	< 20
	01/91	EH	150	< 0.30	0.60	15
	02/91	EH	200	5.8	< 2.5	14
	03/91	EH	200	30	180	880
	04/91	EH	290	< 25	210	880
	05/91	EH	240	< 0.50	0.71	21
	06/91	EH	290	7.5	2.2	22
	07/91	EH	240	< 0.50	0.58	14
	10/91	ER	140	< 2.5	< 2.5	12
	01/08/92	ER	240	< 5.0	< 5.0	9.0
	02/20/92	ER	150	< 2.5	< 2.5	4.2

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	03/19/92	ATI-P	140	< 0.5	< 0.5	5.9
	04/29/92	ATI-P	190	< 0.5	< 0.5	4.3
	10/13/92	ATI-P	130	< 0.5	< 0.5	4.4
	10/05/95	HEAL	1.0	0.7	< 0.5	< 0.5
	11/20/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/21/96	HEAL	0.9	0.8	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	0.7	0.6	< 0.5	< 0.5
	11/21/96	HEAL	0.9	0.6	< 0.5	< 0.5
	02/27/97	HEAL	1.3	1	< 0.5	0.7
	05/21/97	HEAL	1.2	1	< 0.5	< 0.5
	08/20/97	HEAL	1.7	1.3	0.6	< 0.5
	11/17/97	HEAL	2.5	2.0	0.9	0.7
	02/11/98	HEAL	2.3	1.8	0.8	0.7
	06/10/98	HEAL	1.5	1.4	1.5	0.6
	10/01/98	HEAL	7.4	3.9	1.6	2.9
	04/28/99	OAL	43	< 1	1	3
	10/12/99	OAL	13	< 2	< 2	< 4
	05/12/00	OAL	16	< 2	3	4
	11/17/00	NCA	1.03	< 0.500	1.88	< 1.00
	05/24/01	Analysys	< 1	< 1	1.17	< 2
	11/17/01	Analysys	< 1	< 1	< 1	<2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-20B	08/90	AS	58	8.0	< 1	51
	11/90	EH	180	< 5.0	< 5.0	12
	01/91	EH	93	14	< 1.0	23
	02/91	EH	280	14	< 10	46
	02/91	EH	110	< 5.0	< 5.0	< 5.0
	03/91	EH	200	< 5.0	< 5.0	< 10
	04/91	EH	180	< 1.0	< 1.0	19
	05/91	EH	160	< 5.0	< 5.0	32
	06/91	EH	300	1.1	< 0.50	15
	07/91	EH	73	1.1	1.0	24
	10/91	ER	57	2.2	< 1.2	11
	01/08/92	ER	31	< 1.2	< 1.2	6.7
	05/01/92	ATI-P	55	3.9	4.9	6.2
	10/12/92	ATI-P	52	2.7	4.4	11
	04/21/93	ATI-A	14	< 0.5	6.1	10
	10/05/95	HEAL	3.2	0.7	3.5	< 0.5
	11/17/95	HEAL	12	2.3	< 0.5	2.6
	02/21/96	HEAL	2.8	1.7	2.7	2.3
	05/21/96	HEAL	1.7	1.3	0.8	< 0.5
	08/14/96	HEAL	8.1	0.7	0.8	1.5
	11/20/96	HEAL	7.2	0.9	1.4	< 0.5
	02/27/97	HEAL	12	1.3	1.8	3.3
	05/22/97	HEAL	2.0	0.7	0.8	0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	08/19/97	HEAL	10.0	1.0	1.9	1.4
	11/18/97	HEAL	4.3	0.8	1.1	1.1
	02/11/98	HEAL	< 0.5	1.3	2.3	0.5
	06/09/98	HEAL	15	0.8	0.7	< 0.5
	10/01/98	HEAL	1.5	1.4	1.5	1.3
	04/28/99	OAL	< 1	< 1	1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	1	< 2	2	< 4
	11/16/00	NCA	0.961	< 0.500	0.763	< 1.00
	05/24/01	Analysys	3.28	< 1	< 1	< 2
	11/17/01	Analysys	<1	<1	<1	<2
	04/19/02	HEAL	0.86	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	0.76	0.70	< 0.50	< 0.50
	05/22/03	HEAL	1.0	0.91	< 0.50	< 0.50
	11/11/03	HEAL	0.5	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	1.1	< 0.50	< 0.50	< 0.50
5-22B	10/90	AS	< 1	< 1	< 1	< 1
	01/91	EH	< 0.50	< 0.50	< 0.50	< 0.50
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	1.9	5.5	13	58
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	09/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	11/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/10/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/28/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/18/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	12/12/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	1.9
	02/27/97	HEAL	5.6	9.3	< 0.5	65
	05/22/97	HEAL	3.6	< 0.5	< 0.5	7.1
	08/20/97	HEAL	3.2	7.3	< 0.5	5.3
	11/18/97	HEAL	3.8	2.3	< 0.5	0.6
5-23B	10/90	AS	5.3	< 1	< 1	< 1
	11/90	EH	5.1	< 0.50	< 0.50	< 1.0
	01/91	EH	3.0	< 0.50	< 0.50	< 0.60
	02/91	EH	6.6	< 0.50	< 0.50	< 1.0

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	03/91	EH	8.5	< 0.50	< 0.50	1.2
	04/91	EH	5.0	< 0.50	< 0.50	< 1.0
	05/91	EH	120	< 0.50	< 0.50	7.5
	06/91	EH	3.8	0.55	< 0.50	5.7
	07/91	EH	2.0	< 0.50	< 0.50	1.3
	09/91	EH	2.1	< 0.50	< 0.50	1.1
	10/91	ER	1.6	< 0.50	< 0.50	< 0.50
	11/91	ER	0.59	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	0.65	< 0.50	< 0.50	< 0.50
	02/18/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/09/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/22/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/08/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-24B	10/90	AS	63	< 1	2.0	1.6
	11/90	EH	100	< 5.0	< 5.0	< 10
	01/91	EH	40	0.55	0.74	< 1.0
	02/91	EH	150	16	< 5.0	21
	03/91	EH	89	9.8	< 0.50	3.5
	04/91	EH	230	< 1.0	< 1.0	6.3
	05/91	EH	4.3	< 0.50	< 0.50	1.3
	06/91	EH	280	0.86	0.64	13
	07/91	EH	130	< 0.50	< 0.50	8.7
	09/91	EH	250	0.54	< 0.50	12
	10/91	ER	140	< 2.5	< 2.5	< 2.5
	11/91	ER	180	< 5.0	< 5.0	< 5.0
	12/91	ER	180	< 5.0	< 5.0	< 5.0
	01/07/92	ER	120	< 2.5	< 2.5	< 2.5
	02/18/92	ER	140	< 2.5	< 2.5	< 2.5
	03/17/92	ATI-P	120	< 2.5	0.8	1.4

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	04/30/92	ATI-P	100	2.1	1.4	2.2
	10/13/92	ATI-P	1.2	< 0.5	0.8	0.8
	04/21/93	ATI-P	< 0.5	< 0.5	0.7	1.4
	10/03/95	HEAL	< 0.5	< 0.5	1.0	1.0
	11/17/95	HEAL	1.2	0.8	0.5	1.0
	02/20/96	HEAL	1.3	1.0	0.7	2.0
	05/21/96	HEAL	< 0.5	0.9	< 0.5	0.7
	08/13/96	HEAL	1.2	0.6	0.7	1.3
	11/19/95	HEAL	0.9	< 0.5	0.6	0.8
	02/26/97	HEAL	0.9	0.6	1	1.8
	05/21/97	HEAL	0.7	< 0.5	1	1.6
	08/19/97	HEAL	1.2	0.5	0.9	< 5.0
	11/18/97	HEAL	0.6	< 0.5	0.7	1.3
	02/10/98	HEAL	0.5	< 0.5	0.7	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	0.6	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/11/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	0.59
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-34B	01/07/92	ER	120	< 2.5	< 2.5	< 2.5
	02/18/92	ER	140	< 2.5	< 2.5	< 2.5
	03/17/92	ATI-P	120	< 0.5	0.8	1.4
	04/30/92	ATI-P	100	2.1	1.4	2.2
	10/13/92	ATI-P	1.2	< 0.5	0.8	0.8
	04/21/93	ATI-A	< 0.5	< 0.5	0.7	1.4
	12/13/94	HEAL	4700	13,000	460	5,900
5-35B	04/22/93	ATI-A	360	1400	130	1700
5-36E	12/14/94	HEAL	620	2700	230	3300
5-37I	02/22/96	HEAL	640	520	24	990
	04/16/96	HEAL	580	300	22	600
	05/21/96	HEAL	590	19	340	600
	07/03/96	HEAL	1100	600	31	880
	08/15/96	HEAL	310	54	14	430
	11/22/96	HEAL	440	140	20	520
5-41B	10/09/92	ATI-P	47	3.9	0.7	1.0
	04/20/93	ATI-A	1.4	< 0.5	2.5	2.1
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-47B	10/07/92	ATI-P	1.0	< 0.5	< 0.5	< 0.5
	04/20/93	ATI-A	2.9	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	7.2	2.0	0.6	4.6
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-48B	10/12/92	ATI-P	380	1100	84	840
	04/21/93	ATI-A	99	390	34	360
	10/05/95	HEAL	550	940	290	1900
	11/20/95	HEAL	820	1700	390	2600
	02/21/96	HEAL	690	1100	550	3300
	04/16/96	HEAL	600	1700	420	3100
	05/21/96	HEAL	620	480	3600	3600
	07/03/96	HEAL	670	5100	410	3500
	08/14/96	HEAL	770	7600	340	3900
	11/21/96	HEAL	960	8500	330	3900
	02/27/97	HEAL	1100	10000	430	4700
	05/22/97	HEAL	1100	8000	450	4400
	08/20/97	HEAL	1200	7000	440	4200
	11/19/97	HEAL	1400	6900	330	3900
	12/09/97	HEAL	1800	7700	430	4700
	01/08/98	HEAL	1600	7600	440	4100
	02/11/98	HEAL	2100	8000	460	4600
	06/11/98	HEAL	2100	8000	200	3800
	10/01/98	HEAL	2100	6100	420	4300
	04/28/99	OAL	1700	4400	140	3100
	10/12/99	OAL	1000	1900	320	2900
	05/12/00	OAL	1400	680	270	2200
	11/17/00	NCA	860	157	259	2360
	05/22/01	Analysys	683	194	28.8	1703
	11/18/01	Analysys	841	24.3	241	1893
	04/20/02	HEAL	1100	23	190	1700
	10/30/02	HEAL	5600	51	350	3100
	05/21/03	HEAL	2100	< 50	320	2700
	11/11/03	HEAL	4100	< 25	520	4700
	06/07/04	HEAL	3400	38	420	3200
5-57B	04/19/93	ATI-A	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	11/08/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-58B	04/19/93	ATI-A	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-59	07/28/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-60	11/18/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
SVE-1	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	11/18/01	Analysys	<1	<1	<1	<2
	04/18/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

† Lab Designations
ABB = ASEA Brown Boveri
AEN = American Environmental Network, Inc. (Albuquerque)
AS = Assaigai Laboratories (Albuquerque)
ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
OAL = Oregon Analytical Laboratory (Portland, OR)
NCA = North Creek Analytical (Portland, OR)
Analysys = Analysys Inc. (Austin, TX)
NA = Not Analyzed

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
5-01B	08/89	ER	2.1	1016
	12/89	ER	2.0	1242
	03/90	ER	94	1221
	06/90	ER	11	1242
	08/90	AS	2.0	1242
	11/90	EH	5.5	1242
	01/91	EH	28	1242
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	210	1221
	11/91	ER	76	1221
	12/91	ER	< 1.0	
	01/09/92	ER	< 1.0	
	01/27/92	ER	67	1221
	02/20/92	ER	82	1221
	03/18/92	ATI-P	54	1221
	04/29/92	ATI-P	71	1221
	10/14/92	ATI-P	82	1221
	12/13/94	ATI-P	4.9	1016
	06/27/95	NET	4.18	1242
	10/06/95	NET	< 0.65	
	11/21/95	NET	< 0.065	
	02/22/96	NET	< 0.065	
	04/17/96	NET	< 0.065	
	04/17/96	PA	0.93	1221
	05/24/96	NET	34	1221
	08/15/96	NET	14.2	1221
	11/22/96	EPIC	15.6	1221
	02/28/97	EPIC	15.2	1221
	05/22/97	EPIC	11.9	1221
	08/21/97	EPIC	18.2	1221
5-01C	11/23/97	EPIC	79.7/49.0	1221/1242
	01/08/98	HEAL	38	1221
	02/12/98	HEAL	< 1.0	
	06/11/98	HEAL	38	1221
	10/02/98	HEAL	10	1221
	04/29/99	OAL	3.8/9.8	1016/1221
	10/14/99	OAL	4.9/3.5	1016/1221
Pulled pump	05/12/00	OAL	2.7	1016
	11/17/00	NCA	1.9	1242
	05/22/01	Analysys	< 1	
	11/19/01	Analysys	13.5	1016/1242
	04/20/02	NCA	1.37	1221
	10/30/02	HEAL	1.5	1016
	05/21/03	HEAL	2.6	1016/1221

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	11/10/03	HEAL	< 1 / < 5	1016/1221
	06/07/04	HEAL	< 1 / < 5	1016/1221
5-02B	05/89	ER	< 1.0	
	08/89	ER	< 1.0	
	11/89	ER	< 1.0	
	03/90	ER	< 1.0	
	06/90	ER	< 5.0	
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/09/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/20/92	ER	< 1.0	
	03/19/92	ATI-P	< 0.5	
	04/29/92	ATI-P	< 25.0	
5-03B	05/89	ER	< 1.0	
	11/89	ER	< 1.0	
	04/90	ER	< 1.0	
	05/90	ER	< 1.0	
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 0.1	
	12/91	ER	< 0.1	
	01/09/92	ER	< 1.0	
	01/27/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-04B	12/89	ER	< 1.0	
	01/90	ER	< 1.0	
	04/90	ER	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	06/90	ER	< 1.0	
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/10/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/18/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-05B	10/89	ER	< 1.0	
	11/89	ER	< 1.0	
	04/90	ER	< 1.0	
	06/90	ER	< 1.0	
	08/90	AS	0.19	1242
	11/90	EH	2.4	1242
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 5.0	
	11/91	ER	< 1.0	
	12/91	ER	< 2.0	
	01/09/92	ER	< 1.0	
	01/27/92	ER	< 1.0	
	02/19/92	ER	< 10.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-06B	10/89	ER	< 1.0	
	12/89	ER	180	1221
	01/90	ER	100	1221
	04/90	ER	170	
	06/90	ER	39	1242
	08/90	AS	1.1	1242
	11/90	EH	65	1242
	01/91	EH	39	1242
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	250	1221
	11/91	ER	140	1221
	11/91	ATI	210	1221
	12/91	ER	270	1221
	01/09/92	ER	< 1.0	
	01/27/92	ER	190	1221
	02/20/92	ER	200	1221
	03/18/92	ATI-P	140	1221
	04/29/92	ATI-P	150	1221
	10/14/92	ATI-P	280	1221
	12/14/94	NET	88	1016
	06/27/95	NET	26.3	1242
	10/06/95	NET	30.1	1242
	11/21/95	NET	44.4	1242
	02/22/96	NET	< 0.065	
	04/17/96	NET	< 0.065	
	05/23/96	NET	78	1221
	08/15/96	NET	166.7	1221
(NMOCD split sample)	08/15/96	AEN	260	1221
	11/22/96	EPIC	42.8	1221
	02/28/97	EPIC	48.2	1221
	05/22/97	EPIC	7.29	1221
	08/20/97	EPIC	16.5	1221
5-06C	11/23/97	EPIC	160.0/114.0	1221/1242
	12/09/97	HEAL	65	1232
	01/08/98	HEAL	220	1221
	02/12/98	HEAL	320	1221
	06/11/98	HEAL	180	1221
	10/02/98	HEAL	29	1221
	04/29/99	OAL	7.1/320	1016/1221
	10/14/99	OAL	14/300	1016/1221
	05/13/00	OAL	7.2/266	1016/1221
Pulled pump	11/17/00	NCA	5.23	1242
	05/22/01	Analysys	3.1	1016/1242
	11/18/01	Analysys	43.7	1016/1242
	04/20/02	NCA	150	1221
	10/30/02	HEAL	41	1016/1221
	05/21/03	HEAL	5.8	1016/1221
	11/10/03	HEAL	1.7	1016
	06/07/04	HEAL	2.8	1016
5-12B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-13B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-14B	08/90	AS	< 0.1	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-15B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-16B	08/90	AS	< 0.1	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	01/00	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/20/92	ER	< 1.0	
	03/18/92	ATI-P	< 5.0	
	04/29/92	ATI-P	< 10.0	
5-17B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/19/92	ER	< 1.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
	10/07/92	ATI-P	< 0.5	
	10/06/95	NET	< 0.65	
	11/20/95	NET	< 0.065	

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	02/20/96	NET	< 0.065	
	05/21/96	NET	< 0.065	
	08/14/96	NET	< 0.70	
	11/20/96	EPIC	< 0.065	
	02/28/97	EPIC	< 0.065	
	05/21/97	EPIC	< 0.065	
	08/20/97	EPIC	< 0.65	
	11/18/97	EPIC	< 0.65	
	02/11/98	HEAL	< 1.0	
	06/10/98	HEAL	< 1.0	
	10/01/98	HEAL	< 1.0	
	04/28/99	OAL	< 0.5	
	10/13/99	OAL	< 0.5	
	05/12/00	OAL	< 0.5	
	11/17/00	NCA	< 0.5	
	05/23/01	Analysys	< 0.5	
	11/17/01	Analysys	<0.5	
	04/19/02	NCA	< 1.0	
	10/31/02	HEAL	< 5.0	
	05/22/03	HEAL	< 5.0	
	11/11/03	HEAL	< 5.0	
	06/08/04	HEAL	< 5.0	
5-18B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-19B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/20/92	ER	< 1.0	
	03/19/92	ATI-P	< 0.5	
	04/29/92	ATI-P	< 0.5	
5-20B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-22B	10/90	AS	2.2	1242

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	01/91	EH	13	1248
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/10/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/18/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-23B	10/90	AS	30	1254
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-24B	10/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-37I	05/21/96	NET	< 6.5	
5-59	07/28/01	Analysys	< 0.5	
	11/19/01	Analysys	30.7	1016/1242
	04/20/02	NCA	78.6	1221
	10/30/02	HEAL	19	1016/1221
	05/21/03	HEAL	14	1016/1221
	11/11/03	HEAL	11	1016
	06/08/04	HEAL	10	1016
5-60	11/18/01	Analysys	<0.5	
	04/20/02	NCA	< 1.0	
	10/31/02	HEAL	< 5.0	
	05/22/03	HEAL	< 1.0	
	11/11/03	HEAL	< 5.0	
	06/08/04	HEAL	< 5.0	

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported

† Lab Designations
ABB = ASEA Brown Boveri
AEN = American Environmental Network, Inc. (Albuquerque)
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ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
PA = Paragon Analytics, Inc. (Fort Collins)
NET = National Environmental Testing, Inc. (Carrollton, Texas)
EPIC = EPIC Laboratories, Inc. (Carrollton, Texas)
OAL = Oregon Analytical Laboratory (Portland, OR)
NCA = North Creek Analytical (Portland, OR)
Analysys = Analysys Inc.
ND = Not detected
‡ Total PCB includes Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260

Table 5. Summary of Quality Assurance Program Results
Thoreau Compressor Station No. 5

				Concentration (µg/L)											
Well ID	Date	Replicate ID	Lab	PCBs	Aroclor	RL	Benzene	RL	Toluene	RL	Ethyl-benzene	RL	Total Xylenes	RL
5-01B	1/9/92	5-01B	ER	ND	—	1.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50
	1/9/92	5-99	ER	ND	—	1.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50
	2/20/92	5-01B	ER	82	1221	10	ND	0.50	ND	0.50	ND	0.50	5.2	0.50
	2/20/92	5-99	ER	87	1221	10	ND	0.50	ND	0.50	ND	0.50	6.7	0.50
	3/18/92	5-01B	ATI	54	1221	2.5	ND	0.50	ND	0.50	ND	0.50	3.3	0.50
	3/18/92	5-99	ATI	65	1221	2.5	ND	0.50	ND	0.50	ND	0.50	3.9	0.50
	2/22/96	5-01B	HEAL/NET	<0.065	—	0.065	4.3	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	2/22/96	5-99	HEAL/NET	<0.065	—	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	08/14/96	5-01B	HEAL/NET	14.2	1221	NA	<0.5	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	08/14/96	5-99	HEAL/NET	5.61	1221	NA	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-02B	7/24/91	5-02B	EH	ND	—	0.50	830	250	1200	250	150	25	1300	50
	7/24/91	9107245-2BR	EH	ND	—	0.50	680	50	1000	50	73	50	670	100
	11/21/95	5-02B	HEAL	NA	—	NA	740	0.50	2900	0.50	160	0.50	1100	0.50
	11/21/95	5-98	HEAL	NA	—	NA	670	0.50	2000	0.50	120	0.50	990	0.50
	05/23/96	5-02B	HEAL	NA	—	NA	380	0.50	120	0.50	1300	0.50	1100	0.50
	05/23/96	5-98	HEAL	NA	—	NA	520	0.50	160	0.50	1600	0.50	1200	0.50
	2/28/97	5-06B	HEAL	NA	—	NA	260	0.50	500	0.50	90	0.50	680	0.50
	2/28/97	5-98	HEAL	NA	—	NA	290	0.50	510	0.50	91	0.50	690	0.50
5-02C	10/01/98	5-02C	HEAL	NA	—	NA	1300	0.50	3500	0.50	230	0.50	1800	0.50
	10/01/98	5-98	HEAL	NA	—	NA	1300	0.50	3400	0.50	230	0.50	1800	0.50
	4/28/99	5-02C	OAL	NA	—	NA	1500	1	4400	1	260	1	2500	1
	4/28/99	5-98	OAL	NA	—	NA	1500	1	4400	1	250	1	2400	1
	11/17/00	5-02C	NCA	NA	—	NA	671	0.500	1000	0.500	372	0.500	3820	20.0
	11/17/00	5-98	NCA	NA	—	NA	623	0.500	972	0.500	358	0.500	3730	20.0
	11/17/01	5-02C	Analysys	NA	—	NA	587	100	15.2	100	365	100	3622	100
	11/17/01	5-65	Analysys	NA	—	NA	577	100	15.6	100	401	100	3890	100
	4/20/02	5-02C	HEAL	NA	—	NA	450	10	ND	10	300	10	3100	10
	4/20/02	5-65	HEAL	NA	—	NA	450	10	ND	10	300	10	3200	10
	10/31/02	5-02C	HEAL	NA	—	NA	330	5.0	ND	5.0	230	5.0	2000	5.0
	10/31/02	5-65	HEAL	NA	—	NA	350	20	3.2	2.5	230	20	2200	20
	5/22/03	5-02C	HEAL	NA	—	NA	290	10	ND	10	200	10	800	10
	5/22/03	5-67	HEAL	NA	—	NA	290	10	ND	10	190	10	780	10
	11/11/03	5-02C	HEAL	NA	—	NA	450	2.5	ND	2.5	240	2.5	770	2.5
	11/11/03	5-66	HEAL	NA	—	NA	490	2.5	ND	2.5	240	2.5	770	2.5
	6/8/04	5-02C	HEAL	NA	—	NA	270	25	28	25	160	25	1000	25
	6/8/04	5-66	HEAL	NA	—	NA	280	5	28	5	170	5	1100	5
5-04B	10/3/91	5-04B	ER	ND	—	0.50	180	5.0	ND	5.0	7.8	5.0	48	5.0
	10/3/91	9110035-4R	ER	ND	—	0.50	86	2.5	2.5	2.5	6.5	2.5	40	2.5
5-06B	11/5/91	5-06B	ER	140	1221	100	1.4	0.50	ND	0.50	ND	0.50	6.0	0.50
	11/5/91	6-99	ER	ND	—	1.0	1.8	0.50	ND	0.50	ND	0.50	14	0.50
	12/10/91	5-06B	ER	270	1221	100	ND	0.50	ND	0.50	ND	0.50	5.0	0.50
	12/10/91	9112105-99	ER	170	1221	100	ND	0.50	ND	0.50	ND	0.50	5.4	0.50
	1/27/92	5-06B	ER	190	1221	100	1.3	0.50	ND	0.50	ND	0.50	2.6	0.50
	1/27/92	9201275-99	ER	250	1221	100	3.0	0.50	ND	0.50	ND	0.50	13	0.50
	4/29/92	5-06B	ATI	150	1221	0.50	1.4	0.50	ND	0.50	ND	0.50	3.6	0.50
	4/29/92	5-99	ATI	150	1221	0.50	1.3	0.50	ND	0.50	ND	0.50	2.0	0.50
	10/14/92	5-06B	ATI	280	1221	5.0	1.0	0.50	ND	0.50	ND	0.50	2.8	0.50
	10/14/92	5-99	ATI	270	1221	5.0	1.0	0.50	ND	0.50	ND	0.50	2.6	0.50
	12/14/94	5-06B	HEAL	NA	—	NA	4.3	0.50	ND	0.50	ND	0.50	0.7	0.50
	12/14/94	5-99	HEAL	NA	—	NA	3.2	0.50	ND	0.50	ND	0.50	ND	0.50
	11/21/95	5-06B	HEAL/NET	44.4	1242	0.50	6.2	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	11/21/95	5-99	HEAL/NET	37.8	1242	0.50	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	05/23/96	5-06B	HEAL/NET	78	—	0.065	1.2	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	05/23/96	5-99	HEAL/NET	<0.065	—	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	11/22/96	5-06B	HEAL/NET	42.8	1221	0.065	0.9	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	11/22/96	5-99	HEAL/NET	34.1	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	2/28/97	5-06B	HEAL/NET	48.2	1221	0.065	0.9	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	2/28/97	5-99	HEAL/NET	49.7	1221	0.065	0.8	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	5/22/97	5-06B	HEAL/NET	7.29	1221	0.065	0.7	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	5/22/97	5-99B	HEAL/NET	5.18	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	8/20/97	5-06B	HEAL/EPIC	16.5	1221	0.65	0.7	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	8/20/97	5-99B	HEAL/EPIC	8.1	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-06C	2/12/98	5-06C	HEAL	320	1221	5.0	2.2	0.50	1.4	0.50	<0.5	0.50	1.3	0.50
	2/12/98	5-99	HEAL	280	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	6/11/98	5-06C	HEAL	180	1221	5.0	1.2	0.50	0.6	0.50	<0.5	0.50	<0.5	0.50
	6/11/98	5-99	HEAL	190	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	10/01/98	5-06C	HEAL	29	1221	5.0	1.5	0.50	1.3	0.50	<0.5	0.50	<0.5	0.50
	10/01/98	5-99	HEAL	33	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	4/28/99	5-06C	OAL	7.1/320	1061/1221	1.5/1.0	<1	1	<1	1	<1	1	<1	1
	4/28/99	5-99	OAL	6.3/280	1061/1221	0.5/1.0	NA	1	NA	1	NA	1	NA	1
	10/14/99	5-06C	OAL	14/300	1061/1221	5.0/10	<1	1	<2	2	<2	2	<4	4
	10/14/99	5-99	OAL	14/290	1061/1221	5.0/10	NA	1	NA	2	NA	2	NA	4
	5/13/00	5-06C	OAL	7.2/266	1061/1221	5.0/10	1	1	<2	2	<2	2	<4	4
	5/13/00	5-99	OAL	6.6/263	1061/1221	5.0/10	NA	1	NA	2	NA	2	NA	4
	11/17/00	5-06C	NCA	5.23	1242	0.500	<0.500	0.500	<0.500	0.500	<0.500	0.500	<1	1.00
	11/17/00	5-99	NCA	4.45/5.17	1016/1242	0.500/0.500	NA	0.500	NA	0.500	NA	0.500	NA	1.00
	5/22/01	5-06C	Analysys	3.1	1016/1242	1	<1	0.500	<1	0.500	<1	0.500	<2	1.00
	5/22/01	5-99	Analysys	5.81	1016/1242	1	NA	0.500	NA	0.500	NA	0.500	NA	1.00
	11/18/01	5-06C	Analysys	43.7	1016/1242	0.5	1.19	1	<1	1	<1	1	<2	2
	11/18/01	5-66	Analysys	40.5	1016/1242	0.5	NA	1	NA	1	NA	1	NA	2
	4/20/02	5-06C	HEAL	150	1221	1.00	1.1	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50
	4/20/02	5-66	HEAL	168	1221	20.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-16B	8/20/97	5-16B	HEAL	NA	—	NA	130	0.50	820	0.50	120	0.50	1300	0.50
	8/20/97	5-98	HEAL	NA	—	NA	130	0.50	790	0.50	120	0.50	1200	0.50
	2/11/98	5-16B	HEAL	NA	—	NA	41	0.50	360	0.50	90	0.50	660	0.50
	2/11/98	5-98	HEAL	NA	—	NA	45	0.50	350	0.50	91	0.50	650	0.50
	5/12/00	5-16B	OAL	NA	—	NA	600	5	290	10	92	10	360	20
	5/12/00	5-98	OAL	NA	—	NA	510	10	200	20	70	20	270	40
	5/24/01	5-16B	Analysys	NA	—	NA	1240	100	487	100	174	100	1105	100
	5/24/01	5-98	Analysys	NA	—	NA	1220	100	466	100	181	100	1184	100
5-17B	5/22/1991	5-17B	EH	ND	—	0.50	ND	0.50	ND	0.50	ND	0.50	ND	1.0
	5/22/1991	91-5-22-5-17BI	EH	ND	—	0.50	ND	0.50	ND	0.50	ND	0.50	ND	1.0
5-18B	10/11/91	5-18B	ER	NA	—	NA	1200	25	ND	25	ND	25	130	25
	10/11/91	91110115 18BR	ER	NA	—	NA	1200	25	ND	25	ND	25	110	25
	5/22/97	5-18B	HEAL	NA	—	NA	<0.5	0.50	4.7	0.50	88	0.50	0.8	0.50
	5/22/97	5-98	HEAL	NA	—	NA	<0.5	0.50	4.3	0.50	89	0.50	0.8	0.50

Table 5. Summary of Quality Assurance Program Results
Thoreau Compressor Station No. 5

				Concentration (µg/L)											
Well ID	Date	Replicate ID	Lab	PCBs	Aroclor	RL	Benzene	RL	Toluene	RL	Ethyl-benzene	RL	Total Xylenes	RL
5-24B	5/22/1991	5-24B	EH	ND	—	0.50	4.3	0.50	ND	0.50	ND	0.50	1.3	1.0
	5/22/1991	91-5-22-5-24BI	EH	ND	—	0.50	130	5.0	ND	0.50	ND	0.50	9.4	1.0
5-48B	10/06/95	5-48B	HEAL	NA	—	NA	550	12.5	940	12.5	290	12.5	1900	12.5
	10/06/95	5-99	HEAL	NA	—	NA	730	20	1000	20	290	20	2300	20
	2/21/96	5-48B	HEAL	NA	—	NA	690	0.50	1100	0.50	550	0.50	3300	0.50
	2/21/96	5-98	HEAL	NA	—	NA	580	0.50	1200	0.50	540	0.50	3100	0.50
	08/14/96	5-48B	HEAL	NA	—	NA	770	0.50	7600	0.50	340	0.50	3900	0.50
	08/14/96	5-98	HEAL	NA	—	NA	630	0.50	7900	0.50	300	0.50	3600	0.50
	11/21/96	5-48B	HEAL	NA	—	NA	960	0.50	8500	0.50	330	0.50	3900	0.50
	11/21/96	5-98	HEAL	NA	—	NA	970	0.50	8600	0.50	330	0.50	4000	0.50
	11/19/97	5-48B	HEAL	NA	—	NA	1400	0.50	6900	0.50	330	0.50	3900	0.50
	11/19/97	5-98	HEAL	NA	—	NA	1600	0.50	7300	0.50	330	0.50	4100	0.50
	6/11/98	5-48B	HEAL	NA	—	NA	2100	0.50	8000	0.50	200	0.50	3800	0.50
	6/11/98	5-98	HEAL	NA	—	NA	2000	0.50	7900	0.50	210	0.50	3800	0.50
	10/12/99	5-48B	OAL	NA	—	NA	1000	50	1900	100	320	100	2900	200
	10/12/99	5-98	OAL	NA	—	NA	960	50	1800	100	300	100	2600	200
5-59	10/30/02	5-59	HEAL	19	1016/1221	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
	10/30/02	5-66	HEAL	19	1016/1221	1.0	NA	NA	NA	NA	NA	NA	NA	NA
	5/22/03	5-59	HEAL	14	1016/1221	1.0	ND	0.5	ND	0.5	ND	0.5	ND	0.5
	5/22/03	5-66	HEAL	14	1016/1221	1.0	NA	NA	NA	NA	NA	NA	NA	NA
	11/11/03	5-59	HEAL	11	1016	1.0	ND	0.5	ND	0.5	ND	0.5	ND	0.5
	11/11/03	5-66	HEAL	9.7	1016	1.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/8/04	5-59	HEAL	10	1016	1.0	ND	0.5	ND	0.5	ND	0.5	ND	0.5
	6/8/04	5-61	HEAL	11	1016	1.0	NA	NA	NA	NA	NA	NA	NA	NA

† Lab Designations
ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
NET - National Environmental Testing, INC.
OAL - Oregon Analytical Laboratory
NA = Not Analyzed

Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
Thoreau Compressor Station No. 5

Well ID	Analytical Requirements for Annual Event	Benzene (ppb) Last Sample Event	PCBs (ppb) Last Sample Event	Comments
5-01C	BTEX & PCBs	<0.5	<5	has tested positive for PCBs
5-02B	none	---	---	not enough water to collect a sample
5-02C	BTEX	270	---	replacement for well 5-02B
5-03B	none	<0.5	---	clean upgradient well
5-04B	none	---	---	little value as a sampling point
5-05B	none	2.5	---	little value as a sampling point
5-06C	BTEX & PCBs	<0.5	2.8	has tested positive for PCBs
5-12B	none	<0.5	---	clean downgradient well
5-13B	none	<0.5	---	clean downgradient well
5-14B	none	<0.5	---	clean downgradient well
5-15B	none	<0.5	---	clean perimeter well
5-16B	BTEX	890	---	impacted well
5-17B	BTEX & PCBs	<0.5	<5	downgradient of wells with PCBs
5-18B	BTEX	<0.5	---	downgradient of current plume
5-19B	none	<0.5	---	clean perimeter well
5-20B	BTEX	1.1	---	downgradient of current plume
5-22B	none	---	---	not enough water to collect a sample
5-23B	none	<0.5	---	clean downgradient well
5-24B	none	<0.5	---	clean downgradient well
5-34B	none	---	---	remediation system well
5-35B	none	---	---	pilot test well not suitable for sampling
5-36E	none	---	---	pilot test well not suitable for sampling
5-37I	none	---	---	pilot test well not suitable for sampling
5-41B	none	---	---	clean downgradient well
5-48B	BTEX	3400	---	impacted well
5-59	BTEX & PCBs	<0.5	10	has tested positive for PCBs
5-60	BTEX & PCBs	<0.5	<5	adjacent to wells with PCBs
SVE-1	none	<0.5	---	remediation system well
SVE-2	none	---	---	remediation system well
SVE-3	none	---	---	remediation system well
SVE-4	none	---	---	remediation system well

Notes:
1) na - not available
2) BTEX - BTEX Compounds by either EPA Method 8021B or EPA Method 8260
3) PCBs - Polychlorinated Biphenyls by EPA Method 8082

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
Thoreau Compressor Station No. 5

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)	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)
5 01C	Layne Christensen/CES	11/17/97	7,292.11 (c)	52.73	-35.22	55.0	na	stick up	2	44.5-54.5	42.5
5-02B	na	05/12/89	7,292.06 (b)	58.60	-145.02	55.5	56.69	flush mount	2	37.5-51.0	ns
5 02C	Layne Christensen/CES	11/15/97	7,291.82 (c)	49.32	-155.28	58.5	62.10	flush mount	2	42.0-57.0	40
5-03B	na	05/11/89	7,303.76 (b)	440.30	-109.97	58.0	55.60	flush mount	2	41.0-54.5	na
5-04B	Western Technologies Inc./DBS	09/16/89	7,292.39 (b)	15.05	-231.56	58.8	58.08	flush mount	2	38.7-57.2	36.9
5-05B	Western Technologies Inc./DBS	09/19/89	7,290.83 (b)	12.86	-152.20	59.5	62.02	flush mount	2	39.5-58.0	37.5
5 06C	Layne Christensen/CES	11/18/97	7,291.46 (c)	9.38	-10.62	62.5	na	stick up	2	47.0-62.0	44.9
5-12B	Stewart Brothers/DBS	06/28/90	7,279.61 (b)	-387.48	-89.37	65.0	na	flush mount	2	45.0-65.0	41.4
5-13B	Stewart Brothers/DBS	06/28/90	7,282.43 (b)	-369.35	-261.04	69.4	na	flush mount	2	49.3-69.4	45.0
5-14B	Stewart Brothers/DBS	06/27/90	7,285.76 (b)	-357.23	-441.25	72.3	na	flush mount	2	42.3-72.3	48.4
5-15B	Stewart Brothers/DBS	06/29/90	7,292.92 (b)	-87.47	-344.34	65.6	na	flush mount	2	45.6-65.6	41.5
5-16B	Western Technologies Inc./DBS	07/05/90	7,288.82 (b)	-145.56	-248.38	64.6	65.4	flush mount	2	34.6-64.6	33.5
5-17B	Western Technologies Inc./DBS	07/03/90	7,284.75 (b)	-88.53	-40.96	63.9	64.2	flush mount	2	33.9-63.9	31.2
5-18B	Western Technologies Inc./DBS	07/09/90	7,286.41 (b)	-256.43	-309.06	69.9	na	flush mount	2	49.9-69.9	43.4
5-19B	Western Technologies Inc./DBS	07/10/90	7,290.52 (b)	-157.69	-330.24	63.3	65.05	flush mount	2	43.3-63.3	37.5
5-20B	Western Technologies Inc./DBS	07/11/90	7,284.60 (b)	-261.92	-172.12	64.0	na	flush mount	2	33.9-63.9	28.3
5-22B	Stewart Brothers/DBS	09/13/90	7,292.74 (b)	88.16	-198.69	55.8	54.9	flush mount	2	45.8-55.8	42.2
5-23B	Stewart Brothers/DBS	09/21/90	7,282.63 (b)	-450.52	-315.67	80.1	na	flush mount	2	50.1-80.1	42.7
5-24B	Stewart Brothers/DBS	09/25/90	7,279.18 (b)	-460.67	-211.48	75.5	na	flush mount	2	45.5-75.5	36.5
5-34B	Ward Drilling Co./DBS	03/31/93	7,294.71 (b)	25.97	-306.80	65.7	63.10	flush mount	4	34.0-64.0	33.0
5-35B	Ward Drilling Co./DBS	04/05/92	7,296.11 (b)	37.30	-289.09	70.0	62.21	stick up	4	31.3-61.3	28.4
5-36E	Ward Drilling Co./DBS	04/09/92	7,296.56 (b)	30.28	-287.13	67.5	68.51	stick up	4	47.7-62.3	43.4
5-37I	Ward Drilling Co./DBS	04/16/92	7,296.31 (b)	44.48	-290.76	72.5	61.72	stick up	4	52.1-59.8	51.4
5-41B	Stewart Brothers/DBS	07/24/92	7,279.73 (b)	-603.88	-174.07	77.0	na	flush mount	2	55.0-72.0	53.0

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
Thoreau Compressor Station No. 5

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)	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)
5-47B	Stewart Brothers/DBS	08/04/92	7,268.35 (b)	-862.86	-104.00	80.0	na	abandoned	2	59.5-76.5	57.5
5-48B	Stewart Brothers/DBS	08/05/92	7,292.64 (b)	-34.33	-271.94	63.7	59.68	flush mount	2	43.0-60.0	41.0
5-57B	Stewart Brothers/DBS	03/04/93	7,257.80	-1014.77	-109.30	76.2	na	abandoned	2	60.0-75.0	57.9
5-58B	Stewart Brothers/DBS	03/03/93	7,279.38	-682.60	-340.89	78.1	na	abandoned	2	61.2-76.2	58.9
5-59	Rodgers & Co.	07/27/01	na	na	na	56.0	55.23	stick up	4	41.0-56.0	38.0
5-60	Rodgers & Co.	07/27/01	na	na	na	56.0	57.41	stick up	4	41.0-56.0	38.0
SVE-1	Techna/DBS	03/29/96	7,296.88 (c)	37.08	-356.25	60.0	61.55	flush mount	2	35.0-60.0	33.3
SVE-2	Techna/DBS	03/29/96	7,297.68 (c)	42.46	-409.54	61.0	61.59	flush mount	2	35.0-60.0	33.6
SVE-3	Layne Christensen/CES	11/16/1997	7,293.68 (c)	-21.30	-271.04	65.0	65.54	flush mount	2	44.0 - 64.0	41.9
SVE-4	Layne Christensen/CES	11/16/1997	7,289.83 (c)	-123.39	-243.36	62.5	62.03	flush mount	2	42.0 - 62.0	40.0
AS-1	Techna/DBS	03/29/96	na	46.99	-327.63	60.5	na	flush mount	2	56.0-58.5	54.8
AS-2	Techna/DBS	03/27/96	na	45.70	-302.63	61.0	na	flush mount	2	57.5-60.0	56.5
AS-3	Techna/DBS	03/27/96	na	44.41	-277.63	59.5	na	flush mount	2	57.0-59.5	56.0
AS-4	Techna/DBS	03/27/96	na	43.11	-252.35	60.3	na	flush mount	2	57.8-60.3	55.6
AS-5	Techna/DBS	03/27/96	na	41.82	-227.35	58.0	na	flush mount	2	55.5-58.0	54.1
AS-6	Techna/DBS	03/29/96	7,295.62 (c)	23.02	-341.69	59.0	57.57	flush mount	2	56.5-59.0	55.0
AS-7	Techna/DBS	03/27/96	7,295.72 (c)	21.31	-316.55	60.0	59.29	flush mount	2	57.0-59.5	55.5
AS-8	Techna/DBS	03/27/96	7,294.45 (c)	20.25	-292.07	61.0	62.18	flush mount	2	58.5-61.0	57.2
AS-9	Techna/DBS	03/27/96	7,293.76 (c)	18.29	-266.75	59.8	59.31	flush mount	2	57.1-59.6	54.0
AS-10	Techna/DBS	03/27/96	7,293.90 (c)	16.75	-241.70	60.3	61.31	flush mount	2	57.8-60.3	56.4
AS-11	Techna/DBS	03/27/96	7,293.05 (c)	15.96	-217.21	60.0	60.69	flush mount	2	57.0-59.5	55.4
AS-12	Layne Christensen/CES	11/21/1997	7,295.22 (c)	-5.04	-332.45	64.5	65.93	flush mount	2	62.0 - 64.0	59.0
AS-13	Layne Christensen/CES	11/21/1997	7,294.58 (c)	-6.15	-306.17	68.0	68.37	flush mount	2	65.5 - 67.5	62.0
AS-14	Layne Christensen/CES	11/20/1997	7,293.98 (c)	-7.89	-280.13	64.5	64.46	flush mount	2	62.0 - 64.0	58.0
AS-15	Layne Christensen/CES	11/20/1997	7,293.40 (c)	-8.43	-259.05	64.0	62.82	flush mount	2	61.5 - 63.5	58.0
AS-16	Layne Christensen/CES	11/19/1997	7,293.27 (c)	-11.17	-237.02	65.0	64.96	flush mount	2	62.0 - 64.0	57.0

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
Thoreau Compressor Station No. 5

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)	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)

NOTES:
na - Information not available
(a) Driller/Consultant
(b) Survey done by Bob Martinez 8/92
(c) Survey done by Cypress Engineering 1/98

Table 8. Summary of SVE System Monitoring Results
Thoreau Compressor Station No. 5

SVE Well	Date	PID Reading	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppmv)	(ug/L)	(ppmv) [a]	(%)									
SVE-1	11/22/96	178.9	1,400	403	0.0	0.7	46.7	39.7	4.9	0.1	0.0	0.0	0.0	0.0
	08/21/97	10.4	47	14	0.1	0.2	0.6	4.2	14.8	30.6	23.9	16.6	8.9	0.1
	11/24/97	na	19	5	0.4	0.7	1.2	2.3	10.4	22.6	23.2	27.7	11.1	0.4
	01/07/98	na	130	37	0.0	0.1	0.3	0.8	12.2	30.2	32.2	17.7	6.5	0.0
SVE-3	11/24/97	na	900	259	0.0	3.5	9.2	16.9	25.4	27.9	11.1	5.1	0.9	0.0
	01/07/98	na	720	207	0.1	6.6	12.0	14.5	18.9	19.1	17.7	8.4	2.7	0.0
SVE-4	11/24/97	na	590	170	0.0	2.2	11.8	27.9	30.6	15.8	6.7	4.2	0.8	0.0
	01/07/98	na	710	204	0.1	3.1	9.7	16.5	26.9	19.8	15.5	6.4	2.0	0.0
5-02B	08/21/97	23.3	490	141	1.4	13.5	34.0	41.7	7.1	1.3	0.6	0.4	0.0	0.0
	11/24/97	na	10	3	0.0	5.0	13.1	14.6	15.5	15.2	21.8	11.1	3.7	0.0
	01/07/98	na	250	72	0.1	14.3	37.7	27.6	8.0	2.4	4.4	3.6	1.9	0.0
5-04B	11/22/96	122.3	210	60	0.0	2.0	8.2	35.3	43.0	9.8	1.2	0.3	0.2	0.0
	08/21/97	41.1	530	152	0.0	0.1	1.6	9.0	39.8	38.1	8.2	2.8	0.4	0.0
	11/24/97	na	290	83	0.0	1.9	3.4	8.8	35.2	32.7	11.3	4.9	1.8	0.0
	01/07/98	na	44	13	0.0	0.0	0.2	0.9	8.1	32.1	33.9	17.4	7.4	0.0
5-05B	08/21/97	8.4	44	13	0.1	0.2	0.6	4.2	14.2	31.4	23.9	16.5	8.8	0.1
	11/24/97	na	6.7	2	0.0	0.0	0.6	3.1	19.9	22.9	28.0	15.6	9.6	0.3
	01/07/98	na	69	20	0.0	0.1	0.2	0.4	6.1	21.1	34.9	25.5	11.7	0.0
5-34B	11/22/96	307.0	3,000	863	0.0	6.4	18.3	59.4	14.9	1.0	0.0	0.0	0.0	0.0
	08/21/97	186.0	7,700	2,215	0.2	1.4	6.5	26.6	23.8	26.7	11.3	3.0	0.5	0.0
	11/24/97	na	4,400	1,265	0.0	1.0	4.6	23.5	38.9	24.9	1.8	1.9	1.3	2.1
	01/07/98	na	7,100	2,042	0.1	2.0	5.7	21.5	38.6	22.0	8.3	1.7	0.1	0.0
5-35B	11/22/96	135.8	120	35	0.0	12.9	28.2	32.5	16.7	7.8	1.7	0.2	0.0	0.0
	11/24/97	na	1,600	460	0.0	0.1	1.0	7.1	16.6	28.6	31.6	12.8	2.2	0.0
	01/07/98	na	1,800	518	0.0	0.2	1.0	3.7	26.8	36.3	22.1	8.3	1.6	0.0
Total Flow	08/21/02	na	298	86	0.0	11.1	12.4	22.3	15.7	22.8	10.5	5.0	0.2	0.0
Total Flow	06/19/03	na	381	110	0.0	6.1	16.8	23.7	13.1	17.2	11.7	8.5	2.9	0.0
Total Flow	07/30/03	na	218	63	0.0	7.6	23.5	23.7	15.8	14.0	9.5	5.4	0.5	0.0
Total Flow	09/03/03	na	312	90	0.0	7.3	18.2	21.0	12.6	18.6	12.8	7.0	2.5	0.0
Total Flow	10/03/03	na	293	84	1.5	7.5	19.0	19.5	12.8	15.0	14.7	7.3	2.7	0.0
Total Flow	10/30/03	na	268	77	2.6	4.6	16.5	30.8	13.1	12.2	13.6	5.7	0.9	0.0
Total Flow	05/11/04	na	322	93	0.2	16.4	27.8	22.8	14.1	10.1	5.9	1.2	1.2	0.3
Total Flow	06/16/04	na	241	69	6.7	14.0	25.5	27.2	12.8	7.7	4.8	1.2	0.1	0.0
Total Flow	07/13/04	na	367	106	2.4	9.4	19.6	22.1	11.8	11.1	13.1	7.7	2.8	0.0
Total Flow	08/10/04	na	291	84	4.0	10.3	22.9	25.3	12.8	9.5	9.4	4.3	1.3	0.2
Total Flow	09/14/04	na	276	79	0.9	9.2	21.9	26.2	13.4	10.4	10.6	5.7	1.7	0.0

All air samples analyzed by Hall Laboratory of Albuquerque, NM

PID = Photoionization detector

[a] Conversion Factor:

P = 0.76 atm, MW = 110 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 * 0.2876

GW-80

Cypress Engineering

10235 West Little York Road, Suite 256
Houston, Texas 77040

(713) 856-7980 office
(713) 856-7981 fax

July 29, 2003

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Report of Groundwater Remediation Activities
Transwestern Pipeline Company
Thoreau Compressor Station
McKinley County, New Mexico

Dear Bill,

The enclosed Report of Groundwater Remediation Activities is submitted for your review and files. This report presents a summary of groundwater monitoring and remediation activities completed since the last report of remediation activities.

If you have any questions or comments regarding this report, please contact me at (713) 345-1537 or Bill Kendrick at (713) 646-7644.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment:	Tom Morris	NNEPA
	Denny Foust	NMOCD Aztec District Office
	Bill Kendrick	ENRON Environmental Affairs
	Larry Campbell	Transwestern Pipeline Company

Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Thoreau Compressor Station
McKinley County, New Mexico

Submitted to:
New Mexico Oil Conservation Division

July 29, 2003

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

Prepared by:
Cypress Engineering Services, Inc.
10235 West Little York Road, Suite 256
Houston, Texas 77040

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

1. Introduction

The last report of groundwater monitoring activities covered activities completed through October 2002. Since this date, assessment activities have been limited to routine semiannual groundwater sampling. This report presents a summary of these activities.

2. Groundwater Monitoring Activities

2.1 Semi-Annual Groundwater Sampling Events

One semi-annual sampling event was completed since the last report of remediation activities. This event was completed in May 2003.

Prior to sampling, the depth to water, and the depth to hydrocarbon where phase-separated hydrocarbon (PSH) was present, was determined for each monitoring well. The measured depth to water and the corresponding water table elevation for each monitoring well are presented in Table 1.

In the course of each sample event, groundwater samples were collected from selected monitoring wells at the site. Groundwater samples were delivered to a laboratory for analysis by EPA Method 8021B for benzene, toluene, ethylbenzene, and xylenes (BTEX), and PCB by EPA Method 8082 in accordance with the sampling analysis plan (see Table 6). 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 2. An updated summary of analytical results for BTEX and PCB compounds is presented in Tables 3 and 4, respectively. An updated summary of the quality assurance program results is presented in Table 5.

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 May 2003 sampling event is included as Figure 3. The apparent direction of groundwater flow is consistent with water table elevation maps previously developed for this site.

A hydrograph map for monitor wells (MW) 5-03B and 5-48B is included as figure 6 and figure 7 respectively. The elevation change has declined over the last ten years at a rate of 0.9 ft/yr for MW 5-03B and 1.1 ft/yr for MW 5-48B.

2.2.2 Lateral Extent of Phase Separated Hydrocarbon

The lateral extent of PSH is currently defined by the occurrence of PSH at the water table in MW 5-34B (1.24 ft measured 05/21/03), and the absence of PSH in all other wells. MW 5-34B is located on-site near the original release area. The presence of PSH is more likely associated with the preferential accumulation of PSH in wells connected to the soil vapor extraction system and is not likely indicative of PSH present at the water table outside of the immediate vicinity of the well casing.

2.2.3 Condition of Affected Groundwater

The primary constituents of concern are benzene and PCBs. The distribution of benzene in the groundwater is presented in Figure 4. In general, the concentration of benzene in groundwater has shown a downward trend across the site.

The detection of low concentrations of PCBs has continued for samples collected from monitoring wells 5-1C and 5-6C. It is suspected that the detection of PCBs in groundwater samples from these two wells is a result of minor amounts of PCBs contained in near surface soil, which were inadvertently carried down the soil borings in the course of monitoring well installation. Monitor wells 5-59 and 5-60 are located in the immediate vicinity of 5-1C and 5-6C. There have been four sampling events since the installation of these wells, however, monitor well 5-60 did not produce water during the initial sampling. Low concentrations of PCBs have been detected in groundwater samples collected from monitor well 5-59 while PCBs have not been detected in samples from monitor well 5-60. PCBs were not detected in any of the soil samples collected during the installation of wells 5-59 and 5-60.

Copies of the laboratory report for the semi-annual groundwater sampling event is included in the appendix to this report.

3. Status of Remediation Activities

3.1 Remediation Activities Completed through June 2003

The following remediation activities have been completed since the last report of groundwater remediation activities:

1) SVE system vapor samples were collected on June 19, 2003. A summary of the laboratory results is presented in Table 8.

2) Operation of the SVE system is limited to the warmer weather months. Condensed water collecting in the SVE conveyance lines during cold weather made the system ineffective, therefore, the system is shut-down in late October each year. The SVE system was restarted on May 13, 2003.

3) The groundwater recovery system was shut-down in October 2000 due to a low recovery rate. The low recovery rate was primarily due to low perched water levels. In light of this and the continued decline of the perched water table, the surface equipment for the groundwater recovery system was removed in May 2003 for use at the TW Roswell Station remediation site.

4) The air sparge system was shut-down in October 2000 due to ineffective operation. The system became ineffective primarily due to low perched water levels. In light of this and the continued decline of the perched water table, the air compresser and manifold for the air sparge system was removed in September 2002 for use at the TW North Crawar Station remediation site located in Ward County, Texas.

3.2 Remediation Activities Planned for July 2003 through June 2004

The SVE system is scheduled to operate from May 2003 through October 2003. The SVE system will be shut down in late October 2003 and will be restarted in May 2004.

4. Proposed Modifications

4.1 Proposed Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan will continue on a semi-annual basis (see Table 6 for details). Additional wells may be sampled in order to more fully evaluate the effectiveness of remediation activities.

4.2 Proposed Modifications to the Remediation System

4.2.1 Physical Modifications to the System

No physical modifications to the remediation system are currently proposed.

4.2.2 Operational Modifications to the System

There are no proposed operational modifications to the remediation system at this time.

4.3 Proposed Reporting Frequency

Annual reporting will continue with the next scheduled report prepared by July 2004.

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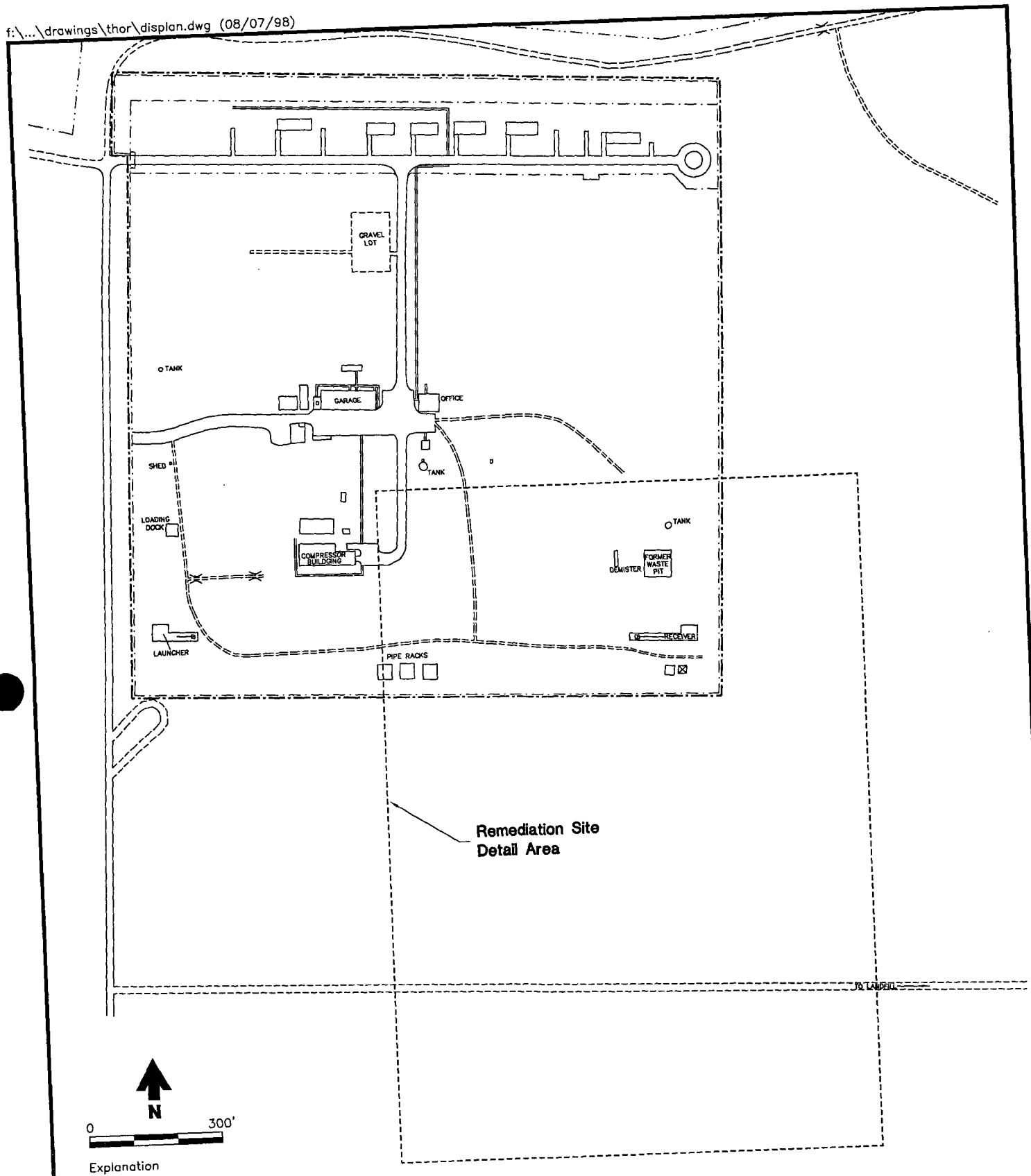

Thoreau Compressor Station

Site Map

CYPRESS ENGINEERING SERVICES, INC.

Figure 1

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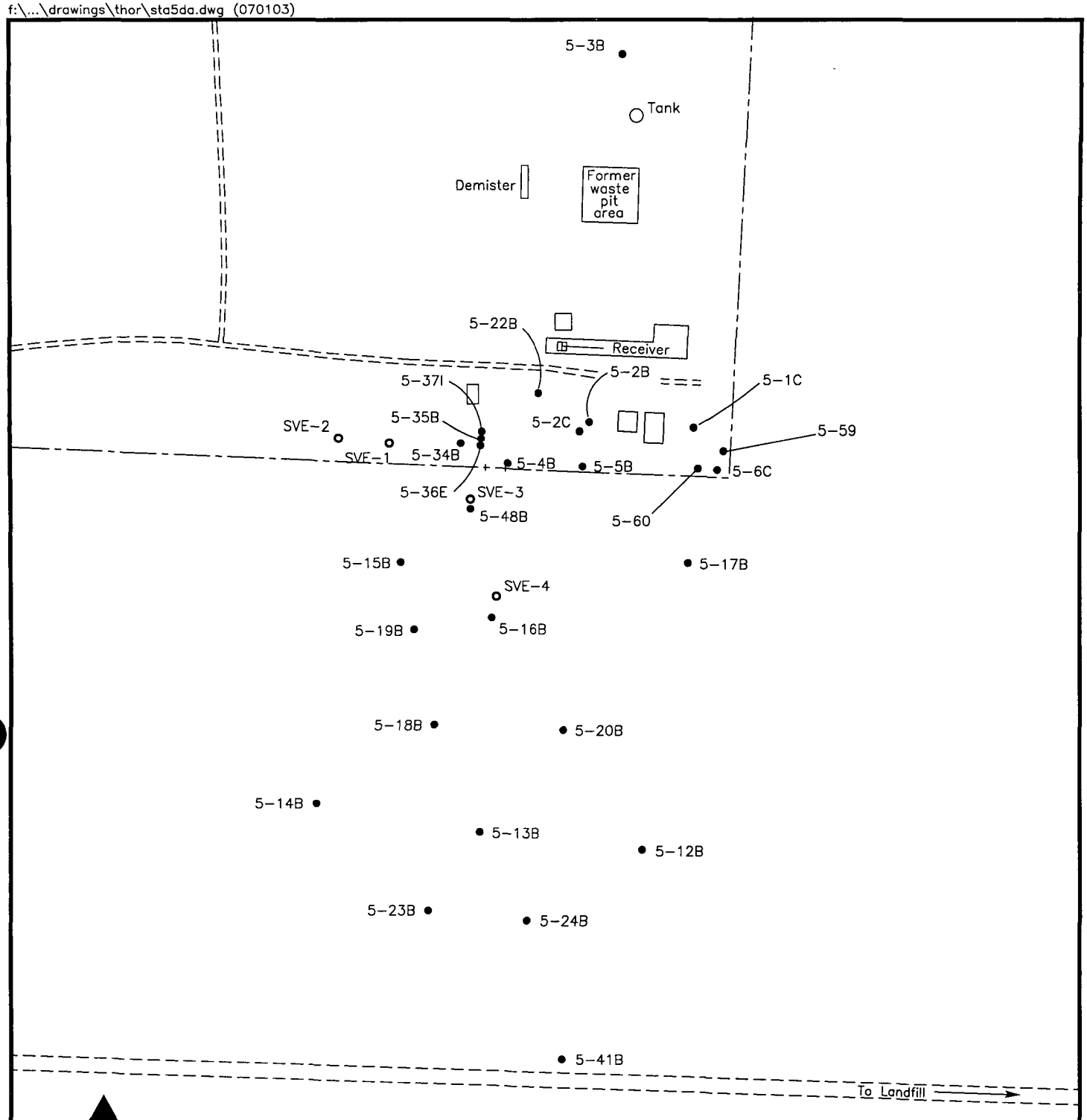

THOREAU COMPRESSOR STATION

Monitor Well & SVE Well Locations

CYPRESS ENGINEERING SERVICES, INC.

Figure 2

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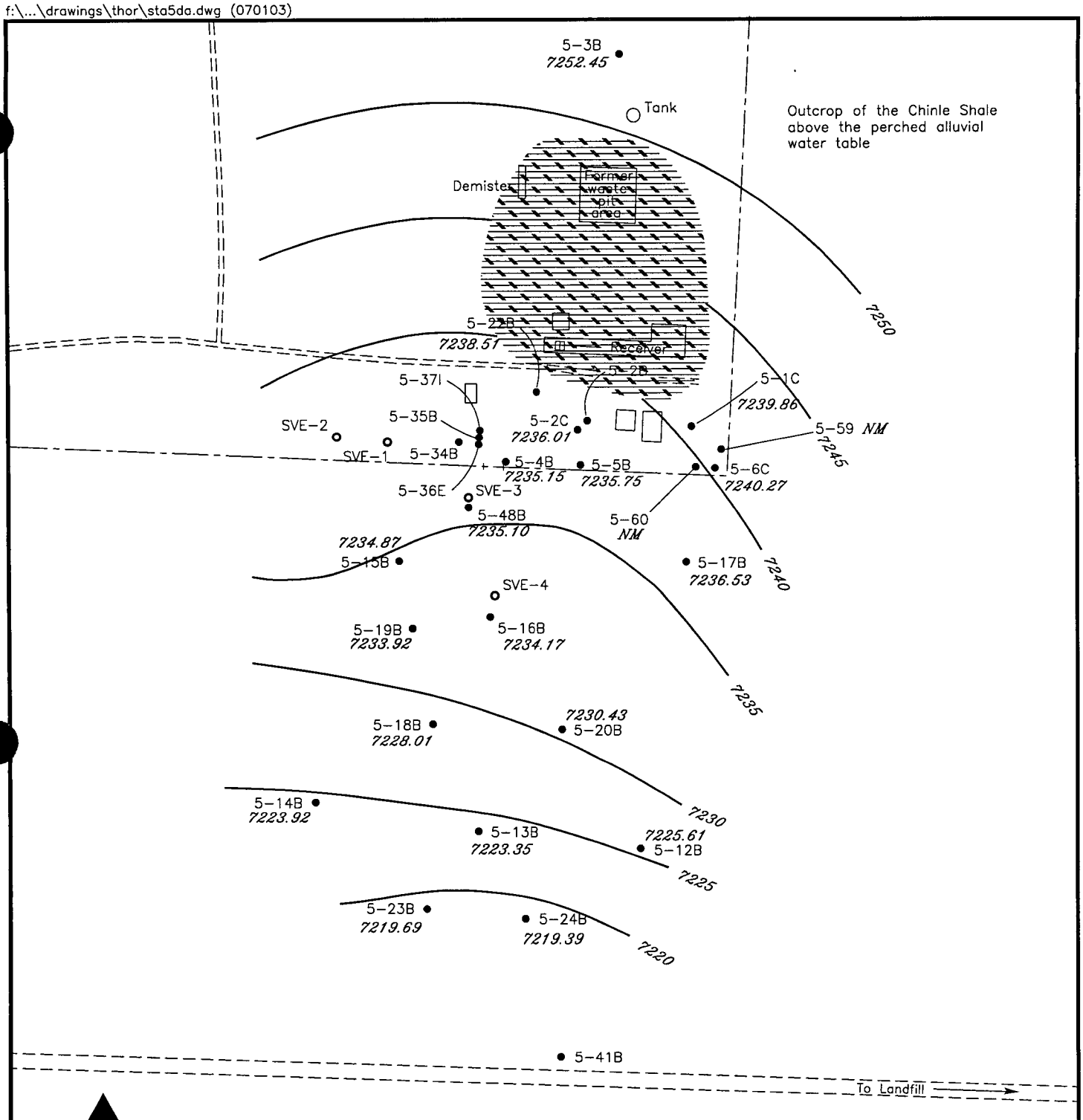

Explanation

- • Monitor well
- o Soil vapor extraction well
- 7221.86 Ground Water Surface Elevation (fmsl)
- NM Not measured
- Compressor station boundary

THOREAU COMPRESSOR STATION

Ground Water Surface Elevation in the Perched Alluvial Aquifer May 2003

CYPRESS ENGINEERING SERVICES, INC.

Figure 3

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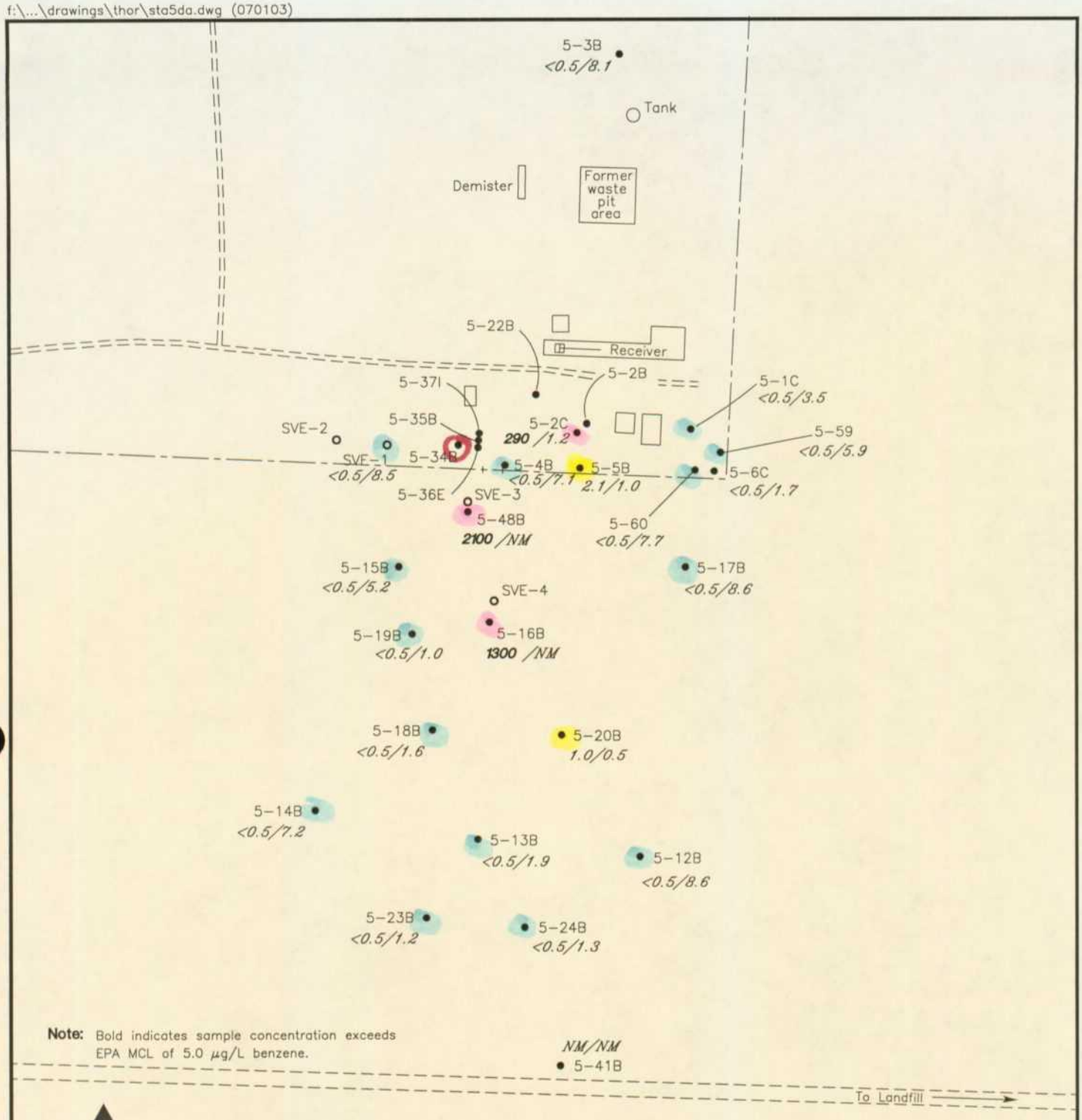

Note: Bold indicates sample concentration exceeds EPA MCL of 5.0 µg/L benzene.

Explanation

- Monitor well
- Soil vapor extraction well
- 0.7/1.36 — Benzene (µg/L)/dissolved oxygen (mg/L) concentrations
- NM — Not measured
- Compressor station boundary

THOREAU COMPRESSOR STATION

Benzene and Dissolved Oxygen Concentrations in the Perched Alluvial Aquifer May 2003

CYPRESS ENGINEERING SERVICES, INC.

Figure 4

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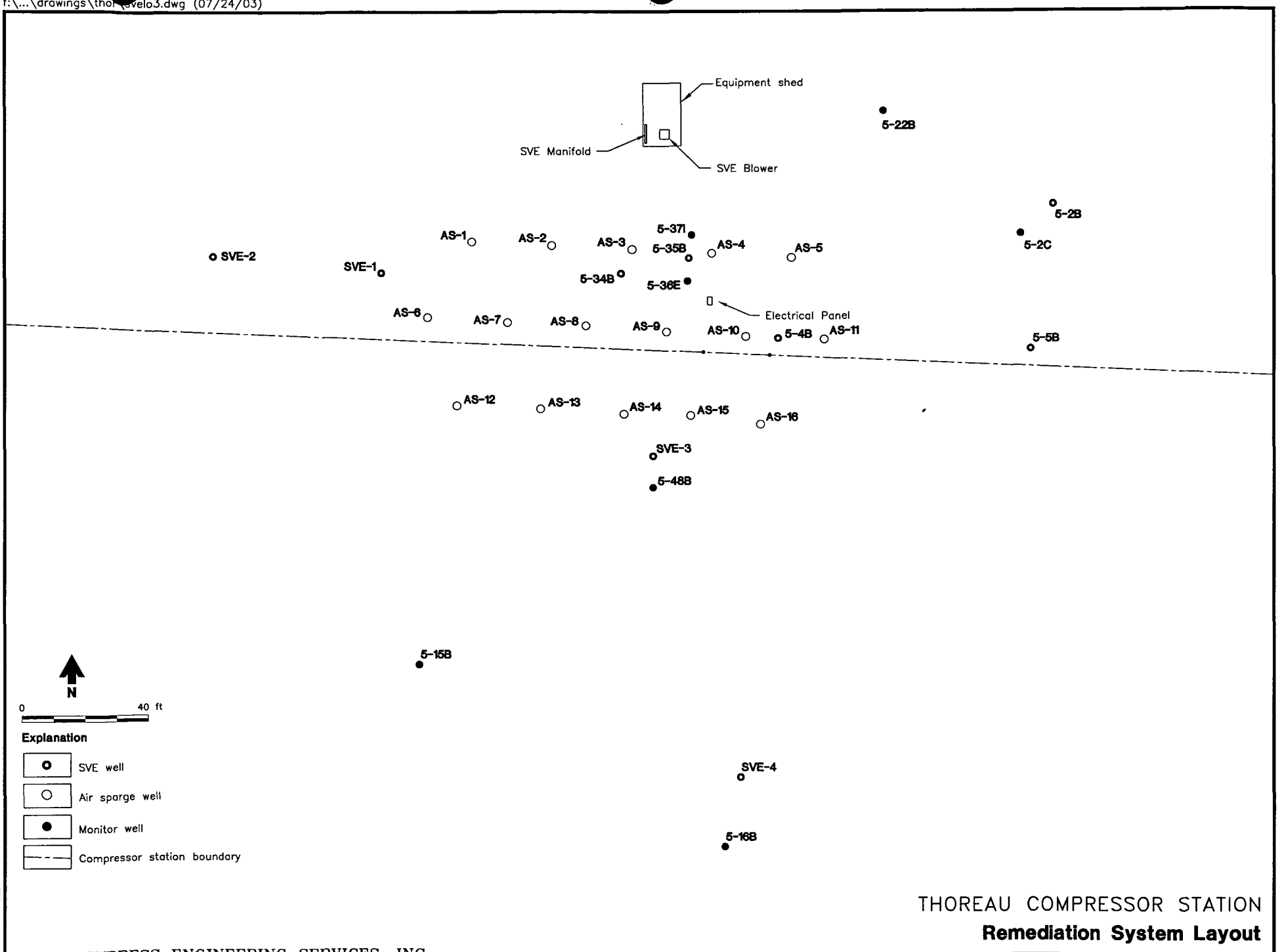

Figure 5

THOREAU COMPRESSOR STATION

Remediation System Layout

CYPRESS ENGINEERING SERVICES, INC.

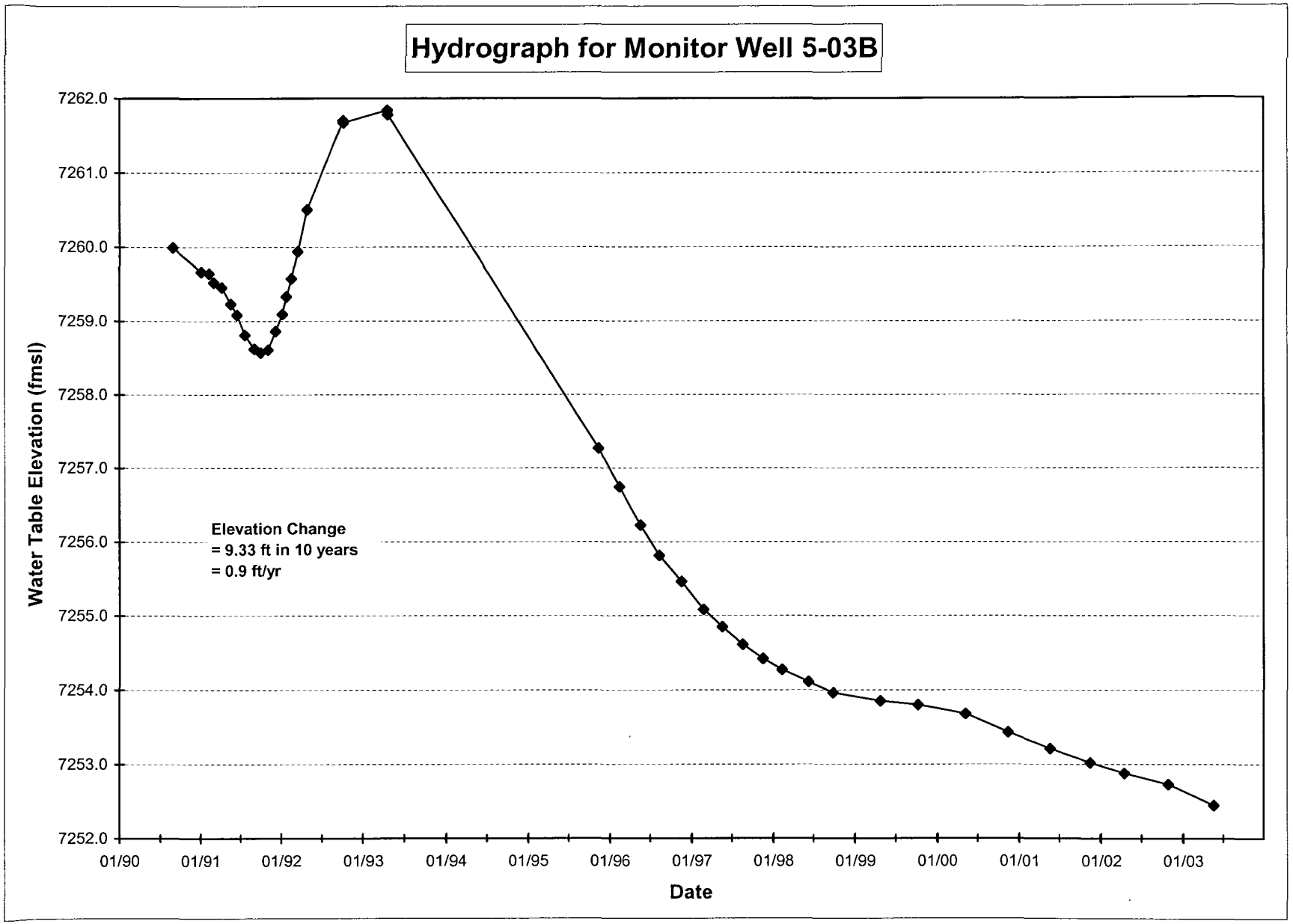
Hydrograph for Monitor Well 5-03B
Water Table Elevation (fmsl)
7262.0
7261.0
7260.0
7259.0
7258.0
7257.0
7256.0
7255.0
7254.0
7253.0
7252.0
Elevation Change
= 9.33 ft in 10 years
= 0.9 ft/yr
01/90
01/91
01/92
01/93
01/94
01/95
01/96
01/97
01/98
01/99
01/00
01/01
01/02
01/03
Date

Figure 6

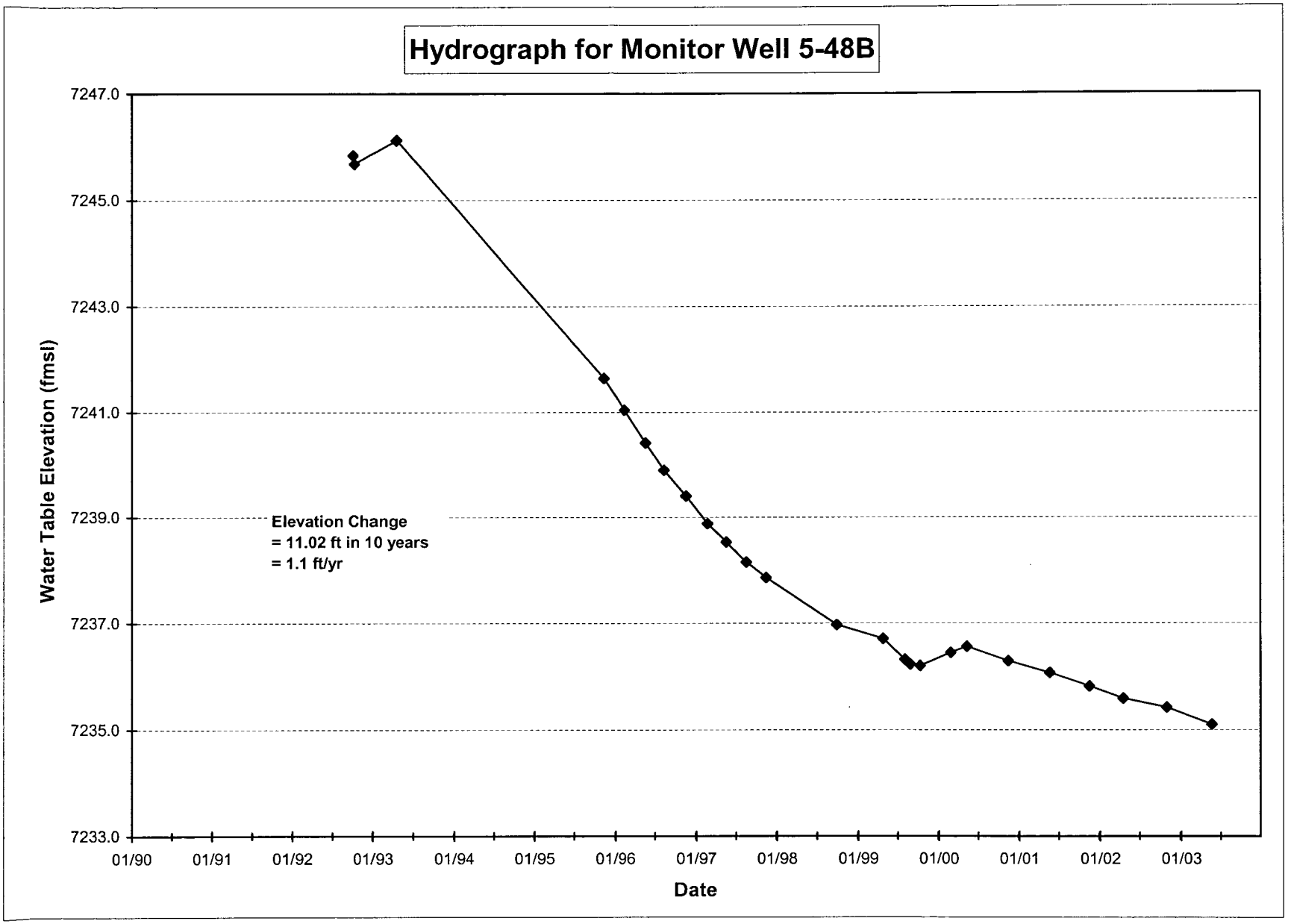
Hydrograph for Monitor Well 5-48B
7247.0
7245.0
7243.0
7241.0
7239.0
7237.0
7235.0
7233.0
Water Table Elevation (fmsl)
Elevation Change
= 11.02 ft in 10 years
= 1.1 ft/yr
01/90
01/91
01/92
01/93
01/94
01/95
01/96
01/97
01/98
01/99
01/00
01/01
01/02
01/03
Date

Figure 7

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
5 01B	7,290.53	08/29/90	44.69	7245.84
		11/08/90	44.70	7245.83
		01/08/91	44.82	7245.71
		02/05/91	44.86	7245.67
		03/05/91	44.91	7245.62
		04/10/91	44.94	7245.59
		05/21/91	45.08	7245.45
		06/18/91	45.15	7245.38
		07/23/91	45.28	7245.25
		09/04/91	45.38	7245.15
		10/02/91	45.52	7245.01
		11/06/91	45.63	7244.90
		12/10/91	45.64	7244.89
		01/09/92	45.61	7244.92
		01/27/92	45.53	7245.00
		02/20/92	45.39	7245.14
		03/18/92	45.18	7245.35
		04/29/92	44.78	7245.75
		10/06/92	43.71	7246.82
		10/14/92	43.67	7246.86
		04/19/93	42.96	7247.57
		11/14/95	46.16	7244.37
		02/15/96	46.64	7243.89
		05/21/96	47.32	7243.21
		08/12/96	NM	--
		11/18/96	47.91	7242.62
		02/24/97	48.31	7242.22
		05/19/97	48.57	7241.96
	(Recorded DTW=49.77?)	08/18/97	48.77	7241.76
		11/16/97	49.03	7241.50
5 01C	7,292.11	02/10/98	TP	--
		06/08/98	TP	--
		09/29/98	TP	--
		04/27/99	TP	--
		10/11/99	TP	--
		05/10/00	51.45	7240.66
		11/14/00	51.73	7240.38
		05/21/01	51.85	7240.26
		11/16/01	52.00	7240.11
		04/17/02	52.05	7240.06
		10/30/02	52.23	7239.88
		05/21/03	52.25	7239.86
5 02B	7,292.06	08/29/90	47.60	7244.46
		11/08/90	47.72	7244.34
		01/11/91	47.88	7244.18
		02/12/91	47.90	7244.16
		03/05/91	47.93	7244.13
		04/11/91	47.92	7244.14
		05/20/91	48.14	7243.92
		06/18/91	48.23	7243.83

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		07/24/91	48.36	7243.70
		09/05/91	48.55	7243.51
		10/03/91	48.62	7243.44
		11/05/91	48.73	7243.33
		12/12/91	48.68	7243.38
		01/09/92	48.58	7243.48
		01/28/92	48.48	7243.58
		02/20/92	48.27	7243.79
		03/19/92	47.98	7243.79
		04/29/92	47.38	7244.68
		10/06/92	46.09	7245.97
		10/14/92	46.07	7245.99
		04/19/93	45.38	7246.68
		04/22/93	45.36	7246.70
		11/14/95	49.32	7242.74
		02/15/96	49.84	7242.22
		05/21/96	50.47	7241.59
		08/12/96	NM	--
		11/21/96	51.66	7240.40
		02/24/97	TP	--
		05/19/97	TP	--
		08/18/97	NM	--
		11/16/97	NM	--
	7,293.24 (w/SVE ext)	02/10/98	NM	--
	PSH @ 55.70	10/11/99	55.75	7237.53
		05/10/00	55.08	7238.16
	PSH @ 55.92	11/14/00	56.09	7237.28
	PSH @ 56.03	05/21/01	56.33	7237.14
	PSH @ 56.28	11/16/01	56.36	7236.94
	PSH @ 56.27	04/17/02	56.33	7236.96
	PSH @ 56.53	10/30/02	56.53	7236.71
		05/21/03	56.07	7237.17
5 02C	7,291.82	02/10/98	53.15	7238.67
		06/08/98	53.36	7238.46
		09/29/98	53.88	7237.94
		04/27/99	54.05	7237.77
		08/03/99	54.40	7237.42
		08/27/99	54.47	7237.35
		10/11/99	54.58	7237.24
		02/28/00	54.26	7237.56
		05/10/00	54.07	7237.75
		11/14/00	54.81	7237.01
		05/21/01	55.01	7236.81
		11/16/01	55.25	7236.57
		04/17/02	55.37	7236.45
		10/30/02	55.57	7236.25
		05/21/03	55.81	7236.01
5 03B	7,303.76	08/29/90	43.77	7259.99
		01/07/91	44.10	7259.66
		02/12/91	44.12	7259.64

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		03/05/91	44.24	7259.52
		04/10/91	44.31	7259.45
		05/21/91	44.53	7259.23
		06/18/91	44.68	7259.08
		07/23/91	44.95	7258.81
		09/04/91	45.14	7258.62
		10/02/91	45.19	7258.57
		11/05/91	45.15	7258.61
		12/10/91	44.90	7258.86
		01/09/92	44.67	7259.09
		01/27/92	44.43	7259.33
		02/19/92	44.19	7259.57
		03/17/92	43.82	7259.94
		04/28/92	43.26	7260.50
		10/06/92	42.06	7261.70
		10/07/92	42.09	7261.67
		04/19/93	41.92	7261.84
		04/20/93	41.98	7261.78
		11/14/95	46.49	7257.27
		02/15/96	47.02	7256.74
		05/21/96	47.54	7256.22
		08/12/96	47.95	7255.81
		11/18/96	48.30	7255.46
		02/24/97	48.68	7255.08
		05/19/97	48.91	7254.85
		08/18/97	49.15	7254.61
		11/16/97	49.34	7254.42
		02/10/98	49.49	7254.27
		06/08/98	49.65	7254.11
		09/29/98	49.80	7253.96
		04/27/99	49.91	7253.85
		10/11/99	49.96	7253.80
		05/10/00	50.08	7253.68
		11/14/00	50.33	7253.43
		05/21/01	50.55	7253.21
		11/16/01	50.74	7253.02
		04/17/02	50.88	7252.88
		10/30/02	51.03	7252.73
		05/20/03	51.31	7252.45
5 04B	7,292.39	08/29/90	48.35	7244.04
		11/08/90	48.42	7243.97
		01/11/91	48.42	7243.97
		01/31/91	48.94	7243.45
		03/04/91	48.68	7243.71
		04/12/91	48.79	7243.60
		05/21/91	49.90	7242.49
		06/17/91	49.00	7243.39
		07/24/91	49.15	7243.24
		09/04/91	49.34	7243.05
		10/03/91	49.44	7242.95

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		11/05/91	49.50	7242.89
		12/12/91	48.40	7243.99
		01/09/92	49.23	7243.16
		01/28/92	49.11	7243.28
		02/19/92	48.91	7243.48
		03/18/92	47.22	7245.17
	(Recorded DTW=47.65?)	04/28/92	46.65	7245.74
		10/06/92	46.36	7246.03
		10/13/92	46.35	7246.04
		04/19/93	45.77	7246.62
		04/21/93	45.79	7246.60
		11/14/95	50.21	7242.18
		02/15/96	50.82	7241.57
		05/21/96	NM	--
		08/12/96	NM	--
		11/18/96	NM	--
		02/24/97	NM	--
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	7292.72 (w/SVE ext)	02/10/98	54.70	7238.02
		10/11/99	55.95	7236.77
		05/10/00	55.53	7237.19
		11/14/00	56.48	7236.24
		05/21/01	56.65	7236.07
		11/16/01	56.91	7235.81
		04/17/02	57.10	7235.62
		10/30/02	57.21	7235.51
		05/21/03	57.57	7235.15
5 05B	7,290.83	08/29/90	47.50	7243.33
		11/08/90	47.25	7243.58
		01/10/91	47.14	7243.69
		02/05/91	47.20	7243.63
		03/05/91	47.20	7243.63
		04/18/91	47.34	7243.49
		05/21/91	47.44	7243.39
		06/18/91	47.52	7243.31
		07/24/91	47.69	7243.14
		09/05/91	47.83	7243.00
		10/02/91	47.54	7243.29
		11/04/91	48.02	7242.81
		12/10/91	47.94	7242.89
		01/09/92	47.87	7242.96
		01/27/92	47.74	7243.09
		02/19/92	47.58	7243.25
	(Recorded DTW=48.43?)	03/17/92	47.43	7243.40
		04/28/92	46.61	7244.22
		10/06/92	45.39	7245.44
		10/12/92	45.37	7245.46
		04/19/93	44.76	7246.07

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		04/21/93	44.75	7246.08
		11/14/95	48.59	7242.24
		02/15/96	49.12	7241.71
		05/21/96	49.71	7241.12
		08/12/96	50.22	7240.61
		11/18/96	50.65	7240.18
		02/24/97	51.14	7239.69
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	7292.02 (w/SVE ext)	02/10/98	53.51	7238.51
		10/11/99	55.02	7237.00
		05/10/00	54.61	7237.41
		11/14/00	55.23	7236.79
		05/21/01	55.38	7236.64
		11/16/01	55.61	7236.41
		04/17/02	55.76	7236.26
		10/30/02	56.01	7236.01
		05/21/03	56.27	7235.75
5 06B	7,289.30	08/29/90	43.47	7245.83
		11/08/90	43.24	7246.06
		01/08/91	43.42	7245.88
		02/12/91	43.50	7245.80
		03/05/91	43.50	7245.80
		04/18/91	43.61	7245.69
		05/21/91	43.66	7245.64
		06/18/91	43.74	7245.56
		07/23/91	43.83	7245.47
		09/05/91	44.00	7245.30
		10/03/91	44.06	7245.24
		11/05/91	44.16	7245.14
		12/10/91	44.17	7245.13
		01/09/92	44.16	7245.14
		01/27/92	44.08	7245.22
		02/20/92	43.94	7245.36
		03/18/92	43.76	7245.54
		04/29/92	43.43	7245.87
		10/06/92	42.52	7246.78
		10/14/92	42.49	7246.81
		04/19/93	41.94	7247.36
		11/14/95	44.64	7244.66
		02/15/96	44.99	7244.31
		05/21/96	45.41	7243.89
		08/12/96	45.65	7243.65
		11/18/96	45.92	7243.38
		02/24/97	46.30	7243.00
		05/19/97	46.54	7242.76
		08/18/97	46.73	7242.57
		11/16/97	47.01	7242.29
5 06C	7,291.46	02/10/98	49.31	7242.15

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		06/08/98	49.52	7241.94
		09/29/98	49.78	7241.68
		04/27/99	50.03	7241.43
		08/03/99	50.15	7241.31
		08/27/99	50.23	7241.23
		10/11/99	50.05	7241.41
		02/28/00	50.18	7241.28
		05/10/00	50.18	7241.28
		11/14/00	50.47	7240.99
		05/21/01	50.62	7240.84
		11/16/01	49.81	7241.65
		04/17/02	50.93	7240.53
		10/30/02	51.11	7240.35
		05/21/03	51.19	7240.27
5 12B	7,279.61	08/14/90	48.85	7230.76
		11/15/90	48.92	7230.69
		01/09/91	48.96	7230.65
		02/13/91	49.00	7230.61
		03/07/91	49.00	7230.61
		04/12/91	49.05	7230.56
		05/22/91	49.12	7230.49
		06/19/91	49.20	7230.41
		07/25/91	49.27	7230.34
		09/16/91	49.37	7230.24
		10/09/91	49.43	7230.18
		01/07/92	49.49	7230.12
		04/30/92	49.07	7230.54
		10/06/92	48.27	7231.34
		10/08/92	48.28	7231.34
		04/19/93	47.45	7232.16
		11/14/95	49.71	7229.90
		02/15/96	50.02	7229.59
		05/21/96	50.31	7229.30
		08/12/96	50.61	7229.00
		11/18/96	50.89	7228.72
		02/24/97	51.24	7228.37
		05/19/97	51.49	7228.12
		08/18/97	51.78	7227.83
		11/16/97	52.07	7227.54
		02/10/98	52.28	7227.33
		06/08/98	52.51	7227.10
		09/29/98	52.78	7226.83
		04/27/99	53.11	7226.50
		10/11/99	53.37	7226.24
		05/10/00	53.36	7226.25
		11/14/00	NM	--
		05/21/01	53.14	7226.47
		11/16/01	53.77	7225.84
		04/17/02	53.68	7225.93
		10/30/02	53.89	7225.72

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/20/03	54.00	7225.61
5 13B	7,282.43	08/14/90	52.43	7230.00
		11/15/90	52.76	7229.67
		01/09/91	52.82	7229.61
		02/07/91	52.89	7229.54
		03/07/91	52.92	7229.51
		04/12/91	53.00	7229.43
		05/22/91	53.06	7229.37
		06/19/91	53.15	7229.28
		07/26/91	53.26	7229.17
		09/16/91	53.36	7229.07
		10/10/91	53.42	7229.01
		01/08/92	53.58	7228.85
		05/01/92	52.88	7229.55
		10/06/92	51.80	7230.63
		10/13/92	51.78	7230.65
		04/19/93	51.08	7231.35
		11/14/95	53.85	7228.58
		02/15/96	54.18	7228.25
		05/21/96	54.52	7227.91
		08/12/96	54.81	7227.62
		11/18/96	55.05	7227.38
		02/24/97	55.37	7227.06
		05/19/97	55.60	7226.83
		08/18/97	55.87	7226.56
		11/16/97	56.13	7226.30
		02/10/98	56.36	7226.07
		06/08/98	56.63	7225.80
		09/29/98	56.90	7225.53
		04/27/99	57.31	7225.12
		10/11/99	57.75	7224.68
		05/10/00	57.90	7224.53
		11/14/00	58.18	7224.25
		05/21/01	58.31	7224.12
		11/16/01	58.47	7223.96
		04/17/02	58.60	7223.83
		10/30/02	58.90	7223.53
		05/20/03	59.08	7223.35
5 14B	7,285.76	08/14/90	55.14	7230.62
		11/14/90	55.02	7230.74
		01/09/91	55.12	7230.64
		02/07/91	55.19	7230.57
		03/07/91	55.21	7230.55
		04/12/91	55.64	7230.12
		05/22/91	55.36	7230.40
		06/19/91	55.38	7230.38
		07/25/91	55.54	7230.22
		09/16/91	55.63	7230.13
		10/09/91	55.72	7230.04
		01/06/92	55.74	7230.02

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		04/30/92	55.02	7230.74
		10/06/92	53.94	7231.82
		10/08/92	53.93	7231.83
		04/19/93	53.25	7232.51
		11/14/95	56.25	7229.51
		02/15/96	56.62	7229.14
		05/21/96	57.02	7228.74
		08/12/96	57.33	7228.43
		11/18/96	57.64	7228.12
		02/24/97	58.01	7227.75
		05/19/97	58.27	7227.49
		08/18/97	58.56	7227.20
		11/16/97	58.86	7226.90
		02/10/98	59.08	7226.68
		06/08/98	59.41	7226.35
		09/29/98	59.69	7226.07
		04/27/99	60.17	7225.59
		10/11/99	60.43	7225.33
		05/10/00	60.56	7225.20
		11/14/00	60.71	7225.05
		05/21/01	60.77	7224.99
		11/16/01	60.98	7224.78
		04/17/02	61.19	7224.57
		10/30/02	61.55	7224.21
		05/20/03	61.84	7223.92
5 15B	7,292.92	08/14/90	49.86	7243.06
		11/14/90	49.98	7242.94
	(Recorded DTW=51.10?)	01/10/91	50.10	7242.82
		02/07/91	50.16	7242.76
		03/06/91	50.17	7242.75
		04/10/91	50.25	7242.67
		05/23/91	50.45	7242.47
		06/19/91	50.54	7242.38
		07/25/91	50.70	7242.22
		09/16/91	50.92	7242.00
		10/09/91	50.95	7241.97
		01/07/92	50.57	7242.35
		04/30/92	48.74	7244.18
		10/06/92	47.75	7245.17
		10/08/92	47.74	7245.18
		04/19/93	47.41	7245.51
		11/14/95	51.84	7241.08
		02/15/96	52.42	7240.50
		05/21/96	53.04	7239.88
		08/12/96	53.52	7239.40
		11/18/96	53.99	7238.93
		02/24/97	54.48	7238.44
		05/19/97	54.60	7238.32
		08/18/97	55.18	7237.74
		11/16/97	55.48	7237.44

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		02/10/98	55.70	7237.22
		06/08/98	56.00	7236.92
		09/29/98	56.35	7236.57
		04/27/99	56.55	7236.37
		08/03/99	57.02	7235.90
		08/27/99	57.10	7235.82
		10/11/99	56.98	7235.94
		02/28/00	56.60	7236.32
		05/10/00	56.63	7236.29
		11/14/00	56.78	7236.14
		05/21/01	57.03	7235.89
		11/16/01	57.28	7235.64
		04/17/02	57.56	7235.36
		10/30/02	57.74	7235.18
		05/21/03	58.05	7234.87
5 16B	7,288.82	08/14/90	47.21	7241.61
		11/14/90	47.46	7241.36
		01/10/91	47.60	7241.22
		02/06/91	47.62	7241.20
		03/06/91	47.63	7241.19
		04/09/91	47.73	7241.09
		05/23/91	47.87	7240.95
		06/18/91	47.91	7240.91
		07/26/91	48.04	7240.78
		09/03/91	48.17	7240.65
		10/11/91	48.30	7240.52
		11/12/91	48.34	7240.48
		12/12/91	48.22	7240.60
		01/08/92	48.11	7240.71
		02/20/92	47.76	7241.06
		03/18/92	47.43	7241.39
		04/29/92	46.89	7241.93
		10/06/92	45.97	7242.85
		10/13/92	45.95	7242.87
		04/19/93	45.61	7243.21
		04/20/93	45.62	7243.20
		11/14/95	48.88	7239.94
		02/15/96	49.33	7239.49
		05/21/96	50.11	7238.71
		08/12/96	50.41	7238.41
		11/18/96	50.74	7238.08
		02/24/97	51.08	7237.74
		05/19/97	51.35	7237.47
		08/18/97	51.67	7237.15
		11/16/97	52.02	7236.80
		02/10/98	52.16	7236.66
		06/08/98	52.42	7236.40
		09/29/98	52.86	7235.96
		04/27/99	53.02	7235.80
		08/03/99	53.98	7234.84

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		08/27/99	54.06	7234.76
		10/11/99	53.66	7235.16
		02/28/00	53.21	7235.61
		05/10/00	53.50	7235.32
		11/14/00	53.52	7235.30
		05/21/01	53.71	7235.11
		11/16/01	53.93	7234.89
		04/17/02	54.11	7234.71
		10/30/02	54.34	7234.48
		05/21/03	54.65	7234.17
5 17B	7,284.75	08/14/90	40.79	7243.96
		11/15/90	40.83	7243.92
		01/10/91	40.96	7243.79
		02/08/91	40.99	7243.76
		03/06/91	41.01	7243.74
		04/11/91	41.06	7243.69
		05/22/91	41.14	7243.61
		06/18/91	41.23	7243.52
		07/25/91	41.34	7243.41
		09/16/91	41.50	7243.25
		10/09/91	41.60	7243.15
		01/07/92	41.60	7243.15
		02/19/92	41.46	7243.29
		03/17/92	41.21	7243.54
		04/28/92	40.84	7243.91
		10/06/92	39.97	7244.78
		10/07/92	39.97	7244.78
		04/19/93	39.40	7245.35
		11/14/95	42.06	7242.69
		02/15/96	42.46	7242.29
		05/21/96	42.94	7241.81
		08/12/96	43.33	7241.42
		11/18/96	43.72	7241.03
		02/24/97	44.14	7240.61
		05/19/97	44.44	7240.31
		08/18/97	44.76	7239.99
		11/16/97	45.07	7239.68
		02/10/98	45.30	7239.45
		06/08/98	45.58	7239.17
		09/29/98	45.97	7238.78
		04/27/99	46.36	7238.39
		10/11/99	46.78	7237.97
		05/10/00	46.57	7238.18
		11/14/00	47.19	7237.56
		05/21/01	47.34	7237.41
		11/16/01	47.58	7237.17
		04/17/02	47.70	7237.05
		10/30/02	48.04	7236.71
		05/20/03	48.22	7236.53
5 18B	7,286.41	08/14/90	51.67	7234.74

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		08/24/90	51.68	7234.73
		11/15/90	51.60	7234.81
		01/04/91	51.66	7234.75
		02/13/91	51.76	7234.65
		03/06/91	51.79	7234.62
		04/16/91	51.90	7234.51
		06/19/91	52.05	7234.36
		07/26/91	52.21	7234.20
		09/16/91	52.35	7234.06
		10/11/91	52.41	7234.00
		01/08/92	52.40	7234.01
		05/01/92	51.38	7235.03
		10/06/92	50.24	7236.17
		10/13/92	50.22	7236.19
		04/19/93	49.68	7236.73
		04/22/93	49.70	7236.71
		11/14/95	53.04	7233.37
		02/15/96	53.49	7232.92
		05/21/96	53.94	7232.47
		08/12/96	54.31	7232.10
		11/18/96	54.64	7231.77
		02/24/97	55.03	7231.38
		05/19/97	55.25	7231.16
		08/18/97	55.51	7230.90
		11/16/97	55.75	7230.66
		02/10/98	55.94	7230.47
		06/08/98	56.18	7230.23
		09/29/98	56.43	7229.98
		04/27/99	56.81	7229.60
		10/11/99	57.26	7229.15
		05/10/00	57.18	7229.23
		11/14/00	57.38	7229.03
		05/21/01	57.47	7228.94
		11/16/01	57.87	7228.54
		04/17/02	57.85	7228.56
		10/30/02	58.16	7228.25
		05/20/03	58.40	7228.01
5 19B	7,290.52	08/14/90	49.44	7241.08
		11/14/90	49.76	7240.76
		01/10/91	49.86	7240.66
		02/07/91	49.90	7240.62
		03/06/91	49.92	7240.60
		04/09/91	50.02	7240.50
	Questionable (DTW=50.12?)	05/23/91	50.92	7239.60
		06/19/91	50.23	7240.29
		07/26/91	50.37	7240.15
		09/16/91	50.55	7239.97
		10/10/91	50.60	7239.92
		01/08/92	50.36	7240.16
		02/20/92	50.04	7240.48

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		03/19/92	49.60	7240.92
		04/29/92	48.97	7241.55
		10/06/92	48.05	7242.47
		10/13/92	48.04	7242.48
		04/19/93	47.73	7242.79
		11/14/95	51.30	7239.22
		02/15/96	51.75	7238.77
		05/21/96	52.26	7238.26
		08/12/96	52.66	7237.86
		11/18/96	53.02	7237.50
		02/24/97	53.44	7237.08
		05/19/97	53.73	7236.79
		08/18/97	TP	--
		11/16/97	54.29	7236.23
		02/10/98	54.49	7236.03
		06/08/98	54.74	7235.78
		09/29/98	55.05	7235.47
		04/27/99	55.26	7235.26
		08/03/99	55.78	7234.74
		08/27/99	55.87	7234.65
		10/11/99	55.73	7234.79
		02/28/00	55.33	7235.19
		05/10/00	55.39	7235.13
		11/14/00	55.51	7235.01
		05/21/01	55.74	7234.78
		11/16/01	55.96	7234.56
		04/17/02	56.11	7234.41
		10/30/02	56.36	7234.16
		05/20/03	56.60	7233.92
5 20B	7,284.60	08/14/90	48.50	7236.10
		01/09/91	48.70	7235.90
		02/07/91	48.79	7235.81
		03/07/91	48.80	7235.80
		04/16/91	48.88	7235.72
		05/20/91	48.92	7235.68
		06/19/91	49.02	7235.58
		07/26/91	49.13	7235.47
		09/16/91	49.25	7235.35
		10/10/91	49.32	7235.28
		01/08/92	49.36	7235.24
		05/01/92	48.48	7236.12
		10/06/92	47.61	7236.99
		10/12/92	47.58	7237.02
		04/19/93	47.26	7237.34
		04/21/93	47.31	7237.29
		11/14/95	49.63	7234.97
		02/15/96	50.03	7234.57
		05/21/96	50.39	7234.21
		08/12/96	50.66	7233.94
		11/18/96	50.99	7233.61

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		02/24/97	51.28	7233.32
		05/19/97	51.54	7233.06
		08/18/97	51.88	7232.72
		11/16/97	52.21	7232.39
		02/10/98	52.46	7232.14
		06/08/98	52.62	7231.98
		09/29/98	52.95	7231.65
		04/27/99	53.30	7231.30
		10/11/99	53.78	7230.82
		05/10/00	53.23	7231.37
		11/14/00	53.53	7231.07
		05/21/01	53.62	7230.98
		11/16/01	53.73	7230.87
		04/17/02	53.78	7230.82
		10/30/02	54.04	7230.56
		05/20/03	54.17	7230.43
5 22B	7,292.74	10/25/90	48.08	7244.66
		11/15/90	48.08	7244.66
		01/10/91	48.33	7244.41
		02/04/91	48.38	7244.36
		03/06/91	48.42	7244.32
		04/11/91	48.49	7244.25
		05/21/91	48.65	7244.09
		06/17/91	48.76	7243.98
		07/24/91	49.24	7243.50
		09/04/91	49.06	7243.68
		10/03/91	49.19	7243.55
		11/04/91	49.26	7243.48
		12/12/91	49.15	7243.59
		01/10/92	49.00	7243.74
		01/28/92	48.84	7243.90
		02/19/92	48.67	7244.07
		03/18/92	48.24	7244.50
		04/28/92	47.46	7245.28
		10/06/92	45.97	7246.77
		10/08/92	45.98	7246.76
		04/19/93	45.34	7247.40
		11/14/95	NM	--
		02/15/96	NM	--
		05/21/96	51.25	7241.49
		08/12/96	51.91	7240.83
		11/18/96	NM	--
		02/27/97	52.95	7239.79
		05/19/97	53.13	7239.61
		08/18/97	53.51	7239.23
		11/16/97	53.79	7238.95
		02/10/98	53.86	7238.88
		09/08/98	54.05	7238.69
		09/29/98	54.16	7238.58
		04/27/99	54.00	7238.74

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		10/11/99	54.13	7238.61
		05/10/00	53.60	7239.14
		11/14/00	54.15	7238.59
		05/21/01	54.20	7238.54
		11/16/01	54.28	7238.46
		04/17/02	54.04	7238.70
		10/30/02	54.19	7238.55
		05/21/03	54.23	7238.51
5 23B	7,282.63	10/25/90	55.78	7226.85
		11/15/90	55.75	7226.88
		01/03/91	55.90	7226.73
		02/07/91	56.20	7226.43
		03/07/91	56.02	7226.61
		04/16/91	56.08	7226.55
		05/22/91	56.14	7226.49
		06/19/91	56.17	7226.46
		07/25/91	56.28	7226.35
		09/03/91	56.38	7226.25
		10/09/91	56.47	7226.16
		11/11/91	56.56	7226.07
		12/13/91	56.63	7226.00
		01/07/92	56.58	7226.05
		02/18/92	56.58	7226.05
		03/17/92	56.42	7226.21
		04/30/92	56.12	7226.51
		10/06/92	55.19	7227.44
		10/09/92	55.19	7227.44
		04/19/93	54.56	7228.07
		11/14/95	57.02	7225.61
		02/15/96	57.39	7225.24
		05/21/96	57.79	7224.84
		08/12/96	58.11	7224.52
		11/18/96	58.38	7224.25
		02/24/97	58.75	7223.88
		05/19/97	59.01	7223.62
	(Recorded DTW=60.33?)	08/18/97	59.33	7223.30
		11/16/97	59.66	7222.97
		02/10/98	59.97	7222.66
		06/08/98	60.36	7222.27
		09/29/98	60.73	7221.90
		04/27/99	61.29	7221.34
		10/11/99	61.66	7220.97
		05/10/00	61.88	7220.75
		11/14/00	62.09	7220.54
		05/21/01	62.19	7220.44
		11/16/01	62.33	7220.30
		04/17/02	62.47	7220.16
		10/30/02	62.74	7219.89
		05/20/03	62.94	7219.69
5 24B	7,279.18	10/25/90	53.64	7225.54

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		11/15/90	53.72	7225.46
		01/03/91	53.76	7225.42
		01/09/91	53.78	7225.40
		02/07/91	53.86	7225.32
		03/07/91	53.86	7225.32
		04/16/91	53.94	7225.24
		05/22/91	54.00	7225.18
		07/26/91	54.15	7225.03
		09/03/91	54.21	7224.97
		10/10/91	54.30	7224.88
		11/11/91	54.38	7224.80
		12/13/91	54.43	7224.75
		01/07/92	54.40	7224.78
		02/18/92	54.40	7224.78
		03/17/92	54.25	7224.93
		04/30/92	53.98	7225.20
		10/06/92	53.06	7226.12
		10/13/92	53.02	7226.16
		04/19/93	52.33	7226.85
		04/21/93	52.33	7226.85
		11/14/95	54.62	7224.56
		02/15/96	54.96	7224.22
		05/21/96	55.38	7223.80
		08/12/96	55.66	7223.52
		11/18/96	55.93	7223.25
		02/24/97	56.26	7222.92
		05/19/97	56.50	7222.68
		08/18/97	56.78	7222.40
		11/16/97	57.07	7222.11
		02/10/98	57.32	7221.86
		06/08/98	57.69	7221.49
		09/29/98	58.03	7221.15
		04/27/99	58.56	7220.62
		10/11/99	58.89	7220.29
		05/10/00	59.04	7220.14
		11/14/00	59.22	7219.96
		05/21/01	59.29	7219.89
		11/16/01	59.38	7219.80
		04/17/02	59.45	7219.73
		10/30/02	59.66	7219.52
		05/20/03	59.79	7219.39
5 34B	7,294.71	05/12/92	48.62	7246.09
		05/13/92	48.60	7246.11
		05/14/92	48.58	7246.13
		06/19/92	48.18	7246.53
		07/28/92	47.88	7246.83
		04/19/93	46.98	7247.73
		11/14/95	52.33	7242.38
		02/16/96	NM	--
		08/12/96	NM	--

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		11/18/96	NM	--
		02/24/97	NM	--
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	PSH @ 58.54	10/11/99	58.56	7236.17
	PSH @ 57.33	05/10/00	57.35	7236.46
	PSH @ 57.57	11/14/00	57.61	7236.39
	PSH @ 58.78	05/21/01	58.83	7235.92
	PSH @ 59.02	11/16/01	59.26	7235.63
	PSH @ 59.09	04/17/02	59.86	7235.44
	PSH @ 58.94	10/30/02	60.10	7235.38
	PSH @ 59.48	05/21/03	60.72	7235.23
5 35B	7,296.11	05/05/92	50.55	7245.56
		05/14/92	50.32	7245.79
		05/30/92	50.14	7245.97
		06/19/92	49.94	7246.17
		06/29/92	49.81	7246.30
		07/24/92	49.61	7246.50
		08/07/92	49.51	7246.60
		08/31/92	49.35	7246.76
		09/15/92	49.29	7246.82
		09/29/92	49.26	7246.85
		10/14/92	49.20	7246.91
		04/19/93	48.79	7247.32
		04/22/93	48.73	7247.38
		11/14/95	NM	--
		02/15/96	NM	--
		08/12/96	NM	--
		11/18/96	NM	--
		02/24/97	NM	--
	PSH=sheen	05/19/97	56.21	7240.67
	PSH=0.9 ft	08/18/97	56.41	7240.47
		11/16/97	NM	--
	7295.33 (w/SVE ext) PSH not measured	02/10/98	55.79	7239.54
	PSH @ 57.15	10/11/99	57.16	7238.18
		05/10/00	56.68	7238.65
		11/14/00	57.30	7238.03
		05/21/01	57.51	7237.82
		11/16/01	57.75	7237.58
		04/17/02	57.96	7237.37
		10/30/02	57.97	7237.36
		05/21/03	58.31	7237.02
5 41B	7,279.73	10/06/92	61.03	7218.70
		10/09/92	60.99	7218.74
		04/19/93	60.38	7219.35
		04/20/93	60.40	7219.33
		11/14/95	61.90	7217.83
		02/15/96	62.26	7217.47

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/21/96	62.72	7217.01
		08/12/96	63.12	7216.61
		11/18/96	63.52	7216.21
		02/24/97	63.97	7215.76
		05/19/97	64.36	7215.37
		08/18/97	64.72	7215.01
		11/16/97	NM	--
		02/10/98	NM	--
		05/10/00	NM	--
		11/14/00	NM	--
5 47B	7,268.35	10/06/92	62.71	7205.64
		10/07/92	62.71	7205.64
		04/19/93	62.18	7206.17
		04/20/93	62.20	7206.15
		11/14/95	62.77	7205.58
		02/15/96	63.27	7205.08
		05/21/96	63.83	7204.52
		08/12/96	64.31	7204.04
		11/18/96	64.75	7203.60
		02/24/97	TP	--
		05/19/97	65.39	7202.96
		08/18/97	66.03	7202.32
		11/16/97	NM	--
5 48B	7,292.64	10/06/92	46.80	7245.84
		10/12/92	46.96	7245.68
		04/19/93	46.52	7246.12
		04/21/93	46.51	7246.13
		11/14/95	51.00	7241.64
		02/15/96	51.60	7241.04
		05/21/96	52.22	7240.42
		08/12/96	52.75	7239.89
		11/18/96	53.24	7239.40
		02/24/97	53.76	7238.88
		05/19/97	54.11	7238.53
		08/18/97	54.49	7238.15
		11/16/97	54.78	7237.86
		09/29/98	55.67	7236.97
		04/27/99	55.93	7236.71
		08/03/99	56.32	7236.32
		08/27/99	56.41	7236.23
		10/11/99	56.44	7236.20
		02/28/00	56.19	7236.45
		05/10/00	56.08	7236.56
		11/14/00	56.35	7236.29
		05/21/01	56.57	7236.07
		11/16/01	56.82	7235.82
		04/17/02	57.05	7235.59
		10/30/02	57.22	7235.42
		05/21/03	57.54	7235.10
5 57B	7,257.80	04/19/93	59.97	7197.83

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		11/14/95	60.21	7197.59
		02/15/96	60.58	7197.22
		05/21/96	61.03	7196.77
		08/12/96	61.44	7196.36
		11/18/96	61.80	7196.00
		02/24/97	62.20	7195.60
		05/19/97	62.51	7195.29
		08/18/97	62.82	7194.98
		11/16/97	NM	--
5 58B	7,279.38	04/19/93	64.09	7215.29
		11/14/95	65.55	7213.83
		02/15/96	66.16	7213.22
		05/21/96	66.83	7212.55
		08/12/96	67.37	7212.01
		11/18/96	67.86	7211.52
		02/24/97	68.42	7210.96
		05/19/97	68.82	7210.56
		08/18/97	69.21	7210.17
		11/16/97	NM	--
5 59		11/16/01	49.97	--
		04/17/02	50.07	--
		10/30/02	50.29	--
		05/21/03	50.38	--
5 60		11/16/01	52.01	--
		04/17/02	52.07	--
		10/30/02	52.27	--
		05/21/03	52.33	--
SVE-1	7,296.88	02/10/98	58.35	7238.53
		10/11/99	59.28	7237.60
		05/10/00	58.78	7238.10
		11/14/00	59.07	7237.81
		11/16/01	59.83	7237.05
		04/17/02	60.01	7236.87
		10/30/02	60.20	7236.68
		05/21/03	60.54	7236.34
SVE-2	7,297.68	02/10/98	58.85	7238.83
		10/11/99	59.57	7238.11
		05/10/00	58.99	7238.69
		11/14/00	59.29	7238.39
		11/16/01	60.14	7237.54
		04/17/02	60.28	7237.40
		10/30/02	60.49	7237.19
		05/21/03	60.83	7236.85
SVE-3	7,293.68	02/10/98	56.24	7237.44
		10/11/99	57.42	7236.26
		11/16/01	57.81	7235.87
		04/17/02	58.01	7235.67
		10/30/02	58.18	7235.50
		05/21/03	58.49	7235.19
SVE-4	7,289.83	02/10/98	52.91	7236.92

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		10/11/99	54.48	7235.35
		11/16/01	54.75	7235.08
		04/17/02	54.94	7234.89
		10/30/02	55.19	7234.64
		05/21/03	55.48	7234.35
5-37I	7,296.31	10/11/99	58.90	7237.41
		05/10/00	58.46	7237.85
		11/14/00	58.99	7237.32
		11/16/01	59.46	7236.85
		04/17/02	59.64	7236.67
		10/30/02	59.71	7236.60
		05/21/03	59.94	7236.37
5-36E	7,296.56	10/11/99	60.76	7235.80
		05/10/00	59.76	7236.80
		11/14/00	59.25	7237.31
		11/16/01	61.31	7235.25
		04/17/02	61.51	7235.05
		10/30/02	61.59	7234.97
		05/21/03	61.46	7235.10
MP = Measuring point				
fmsl = Feet above mean sea level				
NM = Not measured				
TP = Tagged top of pump				

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
5-01B	11/21/95	3.8	7.37	12.8	1314	Muddy, no odor
	02/21/96	7.5	7.40	11.9	960	Turbid, no odor
	05/23/96	10.6a	7.28	13.2	1327	Turbid
	08/14/96	NM	7.51	15.8	1324	Turbid, no odor
	11/21/96	6.3	7.13	13.0	1080	Turbid
	02/27/97	4.57	7.49	7.7	820	Turbid
	05/21/97	3.73	7.02	14.0	990	Slightly turbid
	08/20/97	NM	7.29	14.7	1312	Turbid, no odor
5-01C	11/23/97	5.5	7.59	14.9	1252	Clear
	02/12/98	3.4	7.86	11.3	1137	Clear
	06/11/98	5.9	7.77	17.5	1248	Clear
	10/01/98	2.8	7.70	13.9	1255	Clear
	04/29/99	--/2.8	7.67	13.1	1262	Clear
	10/13/99	4.1	7.78	14.9	1294	Clear
	05/12/00	0.0/1.2	7.57	12.8	1390	Clear
	11/17/00	2.6	7.57	13.0	1467	Clear
	05/22/01	2.6/2.6	7.48	14.0	1510	Clear
	11/18/01	2.5	7.46	14.7	1506	Clear
	04/20/02	3.2	7.50	14.5	1494	Clear
	10/30/02	3.6	7.48	14.8	1498	Cloudy
	05/21/03	3.5	7.43	15.7	1571	Clear
5-02B	11/21/95	2.1	6.89	14.5	920	Slightly cloudy, HC odor
	02/22/96	4.0	7.14	11.9	1010	Colorless, suspended black silt, HC odor
	05/23/96	1.4	7.21	14.0	1430	HC odor, suspended black fine sand and silt
	08/14/96	NM	7.36	15.0	1000	HC odor, suspended black fine sand and silt
	11/21/96	2.9	7.02	13.0	990	Black, HC odor
	02/28/97	2.17	7.20	9.6	990	Clear
5-02C	11/24/97	3.0	7.24	12.5	1439	Turbid, Reddish
	02/11/98	0.9	7.24	10.1	1397	Clear
	06/10/98	1.3	7.15	13.5	1502	Slightly turbid, odor
	10/01/98	2.1	7.17	14.6	1617	Cloudy, odor
	04/28/99	--/0.8	7.10	13.4	1756	Clear, Strong HC odor
	10/13/99	0.9	7.12	14.1	1858	Cloudy, odor
	05/13/00	0.9	7.11	13.4	1821	Clear, strong odor
	11/17/00	2.2	7.18	13.1	1832	Clear, odor
	05/24/01	2.6/1.6	7.11	15.8	1800	Clear, odor
	11/17/01	NM	7.14	14.8	1806	Clear, odor
	04/20/02	1.5	7.15	15.0	1829	Cloudy, sweet odor
	10/31/02	0.9	7.11	15.6	1811	Cloudy, odor
	05/22/03	1.2	7.10	16.4	1833	Cloudy, odor
5-03B	11/15/95	8.0	7.59	14.0	860	Clear, no odor
	05/20/96	7.0b	8.26	13.4	1282	Turbid
	08/12/96	8.6b	7.91	14.2	1000	Turbid
	11/18/96	8.0/7.0	7.77	12.0	1110	Turbid
	02/24/97	5.74/7.0	7.77	10.2	980	Turbid
	05/20/97	8.8/8.0	7.73	13.8	1060	Turbid
	05/18/97	8.0	7.69	13.5	1423	Turbid, Reddish
	11/17/97	7.36/8.0	7.64	13.4	1100	Turbid
	02/10/98	8.17	7.36	12.5	1000	Turbid
	06/08/98	8.8	7.58	13.4	1375	Turbid
	06/11/98	8.8	7.60	13.3	1379	Turbid (Resample - 1st Voa's broke)
	09/29/98	8.3/8.0	7.59	13.9	1390	Turbid
	04/27/99	8.6	7.72	13.8	1357	Redish silt, Turbid
	10/11/99	8.6/8.0	7.75	13.1	1326	Redish silt, Turbid
	05/11/00	7.6/7.5	7.78	13.1	1311	Redish turbid
	05/22/01	8.5/8.0	7.79	14.1	1314	Redish turbid
	04/18/02	8.2	7.81	14.9	1347	Red sand, turbid
	05/20/03	8.1	7.74	16.0	1415	Red sand, turbid
5-04B	11/17/95	NM	7.15	14.6	1097	Clear, moderate HC odor
	11/22/95	5.6	7.87	14.0	720	Slightly cloudy, no HC odor
	05/14/00	--	--	--	--	Bailed dry @ 0.3 gals
	11/17/00	1.9	7.57	12.1	1851	Bailed dry @ 0.3 gals, turbid
	05/22/01	2.7/2.6	7.54	16.1	1994	Bailed dry @ 0.3 gals, turbid

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	11/18/01	4.0	7.56	16.6	1994	Turbid w/odor. Bailed dry @ 0.2 gal
	04/19/02	4.8	7.48	17.0	1974	Turbid, Bailed dry @ 0.15 gal
	10/30/02	4.9	7.31	17.1	1961	Turbid, Bailed dry @ 0.06 gal
	05/21/03	7.1	7.52	18.5	1966	Clear, Bailed dry @ 0.08 gal
5-05B	11/17/95	2.9	7.04	13.0	1350	Clear, moderate HC odor
	05/22/96	1.4	7.36	13.8	1419	Clear, no odor
	08/14/96	1.08	7.61	14.3	1395	Cloudy, HC odor
	11/20/96	4.2	7.26	12.2	1110	Clear
	02/25/97	2.86	7.46	8.2	890	Cloudy, HC odor
	10/13/99	7.1	7.42	13.2	1512	Clear
	05/11/00	2.2/2.4	7.38	13.3	1565	Cloudy
	11/17/00	2.5	7.43	12.8	1592	Cloudy
	05/22/01	2.5	7.37	14.4	1578	Cloudy, bailing down
	11/18/01	1.1	7.45	14.8	1290	Muddy, debris in well, odor (not hydrocarb)
	04/18/02	0.8	7.41	17.9	1444	Turbid (muddy water)
	10/30/02	1.2	7.29	15.1	1495	Turbid
	05/21/03	1.0	7.29	15.8	1515	Turbid (muddy water)
5-06B	11/21/95	3.2	7.51	14.0	880	Slightly cloudy, no HC odor
	02/22/96	7.2	7.71	12.6	880	Clear, slight HC ordor
	05/23/96	1.7	7.90	13.2	1248	Clear
	08/15/96	NM	7.57	15.0	980	Clear, possible slight HC odor
	11/22/96	4.5	7.34	11.9	900	Clear
	02/28/97	1.11	7.78	11.7	895	Clear
	05/22/97	1.66	7.29	13.5	920	Clear
	08/20/97	2.7/2.2	7.62	14.2	1140	Clear
5-06C	11/23/97	0.5/0.8	7.67	14.3	1181	Turbid
	02/12/98	0.0	7.75	11.9	1072	Clear
	06/11/98	3.2/0.6	7.67	16.0	1159	Clear
	10/02/98	0.7	7.64	13.6	1152	Clear
	04/29/99	--/1.0	7.55	12.8	1135	Clear
	10/14/99	0.2/0.4	7.66	13.3	1156	Clear
	05/13/00	0.4/0.6	7.65	13.2	1178	Clear
	11/17/00	2.1	7.62	13.0	1287	Turbid
	05/22/01	0.9	7.61	13.9	1252	Turbid
	11/18/01	1.1	7.62	14.4	1241	Cloudy
	04/20/02	1.4	7.64	14.4	1256	Clear
	10/30/02	0.5	7.62	14.7	1265	Clear
	05/21/03	1.7	7.47	15.2	1432	Cloudy
5-12B	11/16/95	6.5	7.38	13.9	900	Clear, no odor
	05/24/96	8.0	7.44	15.0	870	Clear
	08/13/96	8.6	8.27	13.9	1242	Clear
	11/19/96	--/8.0	7.25	12.5	890	Clear, no odor
	02/26/97	4.78/6.5	7.58	11.8	895	Clear
	05/21/97	6.15	7.48	13.7	905	Clear
	08/19/97	--/7.0	7.61	14.9	1255	Clear
	11/17/97	8.49	7.65	13.9	990	Clear
	02/11/98	6.2 /7.0	7.70	11.3	1114	Clear
	06/09/98	10.2/8.0	7.65	17.1	1217	Clear
	09/30/98	8.1/7.0	7.67	15.4	1232	Clear
	04/27/99	7.8	7.70	12.8	1240	Clear
	10/12/99	7.2	7.87	14.2	1241	Clear
	05/11/00	6.7	7.83	14.4	1248	Clear
	05/23/01	6.7	7.78	15.2	1251	Clear
	04/19/02	7.4	8.04	15.1	1241	Clear
	05/20/03	8.6	8.00	15.8	1242	Clear
5-13B	11/20/95	4.3	7.59	13.9	800	Clear, HC odor
	02/21/96	4.2	7.67	13.8	840	Clear, HC odor
	05/22/96	1.4	7.68	13.8	860	Clear
	08/13/96	3.04	8.71	14.5	850	Clear, HC odor
	11/20/96	2.7	7.49	13.0	850	Clear, HC odor
	02/26/97	1.51	7.53	11.9	850	Clear
	05/21/97	2.79	7.31	13.4	880	Clear, Slight HC odor
	08/19/97	1.2/0.8	7.49	17.6	1205	Clear, HC odor

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	11/18/97	--/1.2	7.78	10.1	1060	Clear
	02/11/98	1.3/1.0	7.81	11.0	1077	Clear, Odor
	06/09/98	1.8	7.54	14.6	1166	Clear, Odor
	09/30/98	1.2/1.4	7.57	14.3	1187	Clear, HC odor
	04/27/99	--	7.54	12.8	1223	Clear, HC odor
	10/12/99	3.0	7.62	13.4	1257	Clear
	05/11/00	0.1/0.8	7.50	13.2	1274	Clear
	11/16/00	2.1/1.0	7.44	13.2	1306	Clear
	05/23/01	2.3	7.47	14.1	1296	Clear
	11/17/01	2.2	7.53	15.0	1288	Clear
	04/19/02	1.9	7.49	15.2	1267	Cloudy
	10/31/02	1.7	7.47	15.4	1265	Clear
	05/20/03	1.9	7.44	15.5	1263	Clear
5-14B	11/16/95	8.0	8.03	14.6	1056	Very slightly cloudy
	05/21/96	9.8a	8.01	13.9	1011	Clear
	08/13/96	6.89	8.64	15.6	992	Clear
	11/19/96	6.1	7.42	12.5	720	Silty amber, no odor
	02/26/97	--/6.5	7.87	10.5	931	Clear, no odor
	05/21/97	6.81/7.0	7.87	13.2	964	Clear
	11/17/97	6.8	7.86	11.9	841	Clear
	02/10/98	8.12	6.91	10.2	630	Clear
	06/09/98	8.7/8.5	7.85	17.3	923	Clear
	09/30/98	6.70	7.79	15.0	1064	Slightly Turbid
	04/27/99	7.5/6.5	7.79	13.3	1058	Turbid
	10/12/99	7.9	7.88	13.5	1075	Cloudy
	05/11/00	7.3	7.85	13.0	1014	Clear
	05/24/01	8.1	7.86	14.3	1027	Clear
	04/19/02	6.9	7.86	15.5	1148	Turbid
	05/22/03	7.2	7.79	16.1	1168	Cloudy
5-15B	11/16/95	6.9	7.98	12.5	982	Clear, no odor
	05/22/96	4.9	7.67	13.0	710	Clear
	08/14/96	9.85	8.26	14.4	1006	Clear
	11/20/96	--/8.0	7.54	14.0	720	Clear
	02/26/97	--/6.8	7.82	11.4	977	Clear, no odor
	05/21/97	6.49	7.77	12.9	1020	Clear
	08/19/97	8.0/8.0	7.80	14.5	934	Clear
	11/17/97	6.4/6.5	7.78	11.8	904	Clear
	02/11/98	6.22/7.0	7.39	13.1	720	Slightly Turbid
	06/10/98	8.0/7.0	7.73	14.4	979	Slightly Turbid
	09/30/98	9.6	7.76	16.1	1031	Turbid
	04/28/99	--/7.0	7.73	13.0	1022	Cloudy
	10/12/99	5.8	7.87	13.3	950	Clear
	05/12/00	8.1	7.65	13.1	1008	Clear
	05/24/01	6.4	7.77	14.6	1049	Clear
	04/19/02	6.0	7.79	15.6	1116	Clear
	05/22/03	5.2	7.73	17.0	1150	Clear
5-16B	11/20/95	2.4	7.50	13.0	800	Clear, strong HC odor
	02/21/96	3.5	7.58	13.8	840	Clear, HC odor
	05/23/96	1.3	7.47	13.2	1181	Clear, very strong HC odor
	08/15/96	1.9/1.0	7.46	14.3	1214	Clear, very strong HC odor
	11/21/96	--/1.0	7.45	13.0	1000	Clear, HC odor
	02/27/97	2.31	7.52	12.0	1131	Clear, strong HC odor
	05/22/97	1.13	7.30	14.9	900	Clear, strong HC odor
	08/20/97	1.6/0.4	7.41	15.4	1100	Clear, HC odor, Film on top
	11/19/97	0.4/0.4	7.46	12.6	1096	Clear, HC odor
	02/11/98	2.78	7.16	11.6	840	Clear, HC odor, film/sheen
	06/10/98	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	10/01/98	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	04/28/99	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	10/13/99	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	05/12/00	--	--	--	--	Clear w/blk particulates, sheen, strong odor
	11/17/00	--	--	--	--	Clear w/blk particulates, sheen, strong odor
	05/24/01	--	--	--	--	Clear w/blk particulates, sheen, strong odor

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	11/18/01	--	--	--	--	Clear w/blk suspended solids, sheen
	04/20/02	--	--	--	--	Clear w/blk suspended solids, sheen
	10/31/02	--	--	--	--	Clear w/blk suspended solids, sheen
	05/22/03	--	--	--	--	Clear w/blk suspended solids, sheen
5-17B	11/20/95	7.4	7.65	13.4	1525	Clear, no odor
	05/22/96	6.4	7.44	12.5	1005	Clear
	08/14/96	NM	7.66	17.0	1090	Clear
	11/20/96	NM	7.69	13.6	1160	Clear
	02/27/97	4.57	7.64	11.6	930	Clear
	05/21/97	NM	7.64	14.2	990	Clear
	08/20/97	9.0/8.0	7.67	15.8	1335	Clear, no odor
	11/18/97	9.5	7.91	12.0	990	Clear
	02/11/98	NM	7.25	10.2	910	Clear
	06/10/98	9.4	7.67	13.9	1331	Clear
	10/02/98	10.0	7.70	15.0	1345	Clear
	04/28/99	--/7.8	7.69	13.7	1344	Clear
	10/13/99	8.8/9.0	7.77	12.9	1381	Clear
	05/12/00	8.2	7.76	12.9	1363	Clear
	11/17/00	8.5	7.78	13.1	1385	Clear
	05/23/01	9.2/8.0	7.73	14.6	1405	Clear
	11/17/01	NM	7.73	14.9	1388	Clear
	04/19/02	8.4	7.80	14.8	1401	Clear
	10/31/02	8.5	7.75	15.3	1361	Clear
	05/22/03	8.6	7.71	15.7	1383	Clear
5-18B	11/17/95	1.4	7.68	14.0	720	Clear, HC odor
	02/21/96	5.6	7.76	12.2	760	Clear, HC odor
	05/22/96	1.5	7.62	13.3	790	Clear
	08/14/96	2.38	8.27	14.2	1071	Clear, HC odor
	11/20/96	2.3	7.70	13.0	890	Clear, HC odor
	02/27/97	1.29	7.78	11.7	988	Clear, HC odor
	05/22/97	4.45	7.71	13.3	1065	Clear, HC odor
	08/19/97	0.8/0.4	7.69	14.1	988	Clear, HC odor
	11/17/97	7.76	7.72	12.9	860	Clear
	02/11/98	2.28	7.33	12.8	790	Clear, HC odor
	06/10/98	0.6/0.6	7.61	13.6	1095	Clear, Odor
	09/30/98	2.2/0.8	7.60	15.6	1142	Clear, HC odor
	04/28/99	--/1.4	7.53	12.7	1144	Clear, HC odor
	10/12/99	2.3/2.0	7.64	14.0	1164	Clear, HC odor
	05/12/00	2.4	7.54	13.4	1198	Clear, Odor
	11/16/00	3.8	7.52	13.0	1257	Clear, Odor
	05/24/01	3.8	7.51	15.7	1264	Clear
	11/17/01	3.8	7.51	15.4	1234	Clear
	04/20/02	2.0	7.61	14.5	1124	Clear
	10/31/02	1.0	7.56	15.5	1112	Clear, slight odor
	05/22/03	1.6	7.52	15.6	1117	Clear, Odor
5-19B	11/20/95	2.00	7.68	13.0	700	Clear, slight HC odor
	02/21/96	4.4	7.81	12.7	730	Clear, HC odor
	05/22/96	2.0	7.78	14.1	1023	Clear, slight HC odor
	08/14/96	3.0	7.99	14.7	1022	Clear
	11/21/96	3.2	7.79	12.8	840	Clear, HC odor
	02/27/97	1.9/1.8	7.83	10.2	951	Clear, HC odor
	05/21/97	2.7	7.84	12.8	1002	Clear, HC odor
	08/20/97	2.5/1.6	7.82	15.7	939	Clear, HC odor
	11/17/97	3.68/1.0	7.91	12.3	800	Clear, Slight HC odor
	02/11/98	2.26	7.47	12.0	710	Clear, HC odor
	06/10/98	0.5	7.80	13.8	968	Clear, Odor
	10/01/98	0.2/0.4	7.75	14.0	982	Clear, HC odor
	04/28/99	--/0.4	7.89	12.7	982	Clear, HC odor
	10/12/99	0.2	8.00	13.6	990	Clear, HC odor
	05/12/00	0.6/0.8	7.89	13.0	986	Clear, slight odor
	11/17/00	1.2/1.4	7.96	13.2	999	Clear, Odor
	05/24/01	1.8/1.6	7.93	14.9	1007	Clear
	11/17/01	1.5	7.92	15.2	1019	Clear

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	04/19/02	0.7	8.00	15.1	1038	Clear
	10/31/02	2.6	7.95	15.5	1051	Clear
	05/22/03	1.0	7.88	16.2	1094	Clear
5-20B	11/17/95	2.9	7.16	13.7	1200	Clear, slight HC odor
	05/22/96	1.8	7.18	14.4	1120	Clear
	08/14/96	4.84	7.82	16.2	1629	Clear, HC odor
	11/20/96	NM	7.04	12.5	1180	Clear
	02/27/97	1.51	7.21	11.1	1120	Slightly Cloudy
	05/22/97	1.83/1.0	7.39	13.4	1537	Clear, HC odor
	08/19/97	2.5/1.2	7.13	16.9	1590	Clear, HC odor
	11/18/97	6.91	7.42	12.4	1200	Clear, HC odor
	02/11/98	0.00	7.35	10.9	1369	Clear
	06/09/98	2.80	7.29	16.1	1481	Clear
	10/01/98	2.4/1.8	7.31	15.8	1467	Clear
	04/28/99	--/0.8	7.30	13.4	1362	Clear
	10/12/99	2.6/2.2	7.46	14.4	1334	Clear
	05/12/00	0.5/0.6	7.25	12.7	1325	Clear, slight odor
	11/16/00	1.4/1.4	7.45	12.7	1337	Clear, slight odor
	05/24/01	1.1/0.8	7.48	14.4	1290	Clear, slight odor
	11/17/01	1.4	7.52	15.2	1260	Clear, slight odor
	04/19/02	0.7	7.49	14.9	1275	Clear
	10/31/02	1.1	7.48	15.3	1292	Clear
	05/22/03	0.5	7.42	15.7	1306	Clear
5-22B	11/15/95	6.4	7.70	12.9	990	Clear, no odor
	02/22/96	6.6	7.47	12.3	1030	Turbid, very light brown, no odor
	05/20/96	NM	8.32	13.8	1549	Slightly turbid
	08/12/96	8.01	7.63	15.0	1100	Turbid, no odor
	11/18/96	5.6	7.48	12.2	1300	Slightly cloudy
	02/27/97	3.53	7.39	10.0	1180	Turbid, HC odor
	05/22/97	NM	7.49	13.0	1899	Turbid
	08/20/97	3.0/2.2	7.32	14.8	2060	Clear, HC odor
	11/18/97	--/1.8	7.80	13.6	1740	Turbid, slight odor
5-23B	11/16/95	3.8	7.31	13.3	800	Clear, no odor
	05/22/96	2.6	7.66	13.0	1077	Clear
	08/13/96	5.06	8.80	15.0	780	Clear
	11/19/96	4.4	7.69	13.0	880	Clear
	02/26/97	--/3.4	7.73	11.8	1018	Clear, no odor (3.4 DO is low range of Hach)
	05/21/97	4.1/4.0	7.73	12.6	1036	Clear, (low range Hach DO = 3.8)
	08/19/97	3.0/2.8	7.75	14.5	949	Clear
	11/17/97	2.0	7.74	11.1	920	Clear
	02/10/98	1.0	7.77	10.7	928	Clear
	06/08/98	2.8/2.2	7.01	13.7	1004	Clear
	09/29/98	2.6/2.0	7.67	13.7	1013	Clear
	04/27/99	2.6/2.0	7.72	12.9	1015	Clear
	10/12/99	1.6/1.8	7.83	12.8	1024	Clear
	05/11/00	1.5/1.8	7.77	13.0	1035	Clear
	05/23/01	2.1	7.72	14.0	1084	Clear
	04/19/02	1.5	7.72	15.0	1103	Clear
	05/20/03	1.2	7.71	15.6	1112	Clear
5-24B	11/17/95	1.7	7.33	13.2	1050	Slight cloudy, HC odor
	05/21/96	3.5	7.41	13.9	1050	Clear
	08/13/96	2.32	8.07	16.0	1050	Clear
	11/19/96	3.30	7.36	12.6	1210	Slightly turbid, faint odor
	02/26/97	--/1.4	7.42	11.6	1468	Clear, slight odor
	05/20/97	4.83	7.56	12.6	1240	Clear
	05/21/97	3.44	7.24	13.1	1110	Slight odor, little cloudy
	08/19/97	3.8/4.0	7.32	15.5	1568	Slightly turbid, Red
	11/18/97	2.20	7.39	12.2	1386	Slightly turbid
	02/10/98	3.2/3.0	7.44	11.2	1392	Slightly turbid
	06/09/98	4.30	7.34	14.6	1492	Cloudy, turbid
	09/29/98	5.5	7.32	13.6	1499	Turbid
	04/27/99	9.7/8.0	7.37	14.1	1501	Slightly Cloudy
	10/11/99	4.3	7.46	13.6	1468	Very Turbid

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	05/11/00	4.8	7.43	13.5	1454	Cloudy
	11/16/00	7.4/6.0	7.52	12.6	1467	Red, very turbid
	05/23/01	2.9	7.52	15.0	1475	Turbid, redish color
	11/17/01	4.9	7.54	15.3	1449	Clear
	04/19/02	2.2	7.56	15.0	1426	Very turbid, red sand
	10/31/02	4.1	7.62	15.3	1413	Very turbid
	05/20/03	1.3	7.51	15.4	1397	Turbid
5-37i	08/15/96	1.67	8.48	17.2	1382	Turbid, green cloudy color, strong HC odor
	11/22/96	NM	7.70	14.9	1080	Greenish black, strong HC odor
5-41B	11/16/95	2.00	7.28	14.5	940	Clear, no odor
	05/21/96	1.82	7.41	15.8	920	Clear
	08/13/96	2.68	7.99	15.0	910	Clear
	11/19/96	3.80	7.41	13.8	1080	Clear
	02/25/97	1.65	7.43	12.5	930	Clear
	05/20/97	4.83/3.0	7.56	12.6	1230	Clear (Hach DO low range = 2.6)
	08/18/97	--/2.2	7.55	14.1	1285	Clear
5-47B	11/15/95	2.50	7.83	13.0	900	Slightly cloudy, no odor
	05/21/96	4.70	7.54	14.6	1080	Clear
	08/13/96	3.17	7.98	15.2	1060	Clear
	11/19/96	NM	7.56	19.1	1110	Clear
	02/26/97	2.20	7.71	11.0	1000	Clear
	05/20/97	3.18/2.6	7.74	13.8	1100	Slightly turbid
	08/18/97	--/4.0	7.68	16.3	1470	Clear
5-48B	11/20/95	1.40	7.60	13.7	1035	Clear, strong HC odor
	02/21/96	3.60	7.54	14.0	750	Very slightly cloudy, HC odor
	05/22/96	2.20	7.62	14.6	1032	Clear, HC odor
	08/14/96	2.80	7.62	15.5	800	Clear, strong HC odor
	11/21/96	3.10	7.45	15.2	780	Clear, strong HC odor
	02/27/97	2.40	7.61	11.8	950	Clear, strong HC odor
	05/22/97	2.52	7.33	14.1	820	Clear, strong HC odor
	08/20/97	2.2/0.4	7.34	18.3	1139	Yellow tint, strong HC odor
	11/19/97	5.57/1.6	7.48	14.0	900	Clear, strong HC odor
	02/12/98	2.23	7.44	14.8	810	Clear, HC odor
	06/11/98	3.6/2.0	7.53	16.3	1176	Clear, HC odor
	10/01/98	0.2	7.56	15.7	1239	Cloudy w/blk flec's, turns dark in light,odor
	04/28/99	--	7.47	15.4	1261	Clear w/blk flec's, strong HC odor, sheen
	10/12/99	--	--	--	--	Clear w/blk flec's, strong HC odor, sheen
	05/12/00	--	--	--	--	Blk, turbid, odor, sheen streamers
	11/17/00	--	--	--	--	Blk, turbid, odor, sheen streamers
	05/22/01	--	--	--	--	Blk, turbid, odor, sheen streamers
	11/18/01	--	--	--	--	Blk, suspended solids, odor, sheen
	04/20/02	0.9	7.54	15.7	1524	Turbid, odor
	10/30/02	--	--	--	--	Blk, suspended solids, turbid, odor, sheen
	05/21/03	--	--	--	--	Blk, suspended solids, turbid, odor, sheen
5-57B	11/15/95	4.60	7.59	13.1	880	Brown muddy
	05/20/96	3.10	8.75	13.2	1212	Slightly turbid
	08/12/96	5.24	7.76	14.0	875	Slightly turbid, no odor
	11/18/96	5.4/2.2	7.53	12.9	980	Slightly cloudy
	02/25/97	--/3.4	7.71	10.6	1191	Light amber, no odor
	05/20/97	6.01	7.69	12.8	1130	Slightly cloudy, reddish tint, no odor
	08/18/97	0.7/2.6	7.69	14.4	1071	Slightly turbid
5-58B	11/16/95	8.10	7.47	14.8	740	Cloudy brown, no odor
	05/20/96	6.70	8.71	13.2	1073	Slightly turbid
	08/12/96	6.44	7.71	14.5	750	Slightly turbid, no odor
	11/18/96	7.00	7.58	12.6	880	Slightly cloudy
	02/25/97	7.0b	7.69	11.4	1073	Light amber, no odor
	05/20/97	6.84	7.73	13.2	790	Slightly turbid
	08/18/97	5.8/6.5	7.68	15.2	964	Slightly turbid
5-59	11/18/01	6.2	7.50	14.5	1430	Turbid
	04/20/02	6.7	7.60	14.1	1431	Turbid
	10/30/02	8.1	7.68	14.6	1437	Very turbid
	05/21/03	5.9	7.40	15.3	1519	Turbid
5-60	11/18/01	6.5	7.67	14.5	1296	Very turbid

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	04/20/02	6.6	7.74	14.1	1291	Very turbid, red silt
	10/30/02	7.4	7.67	14.9	1272	Turbid
	05/21/03	7.7	7.63	15.6	1297	Very turbid, red silt
SVE-1	05/11/00	7.8	7.90	13.5	992	Red turbid
	11/16/00	8.0	7.85	13.6	1008	Red turbid
	11/18/01	8.3	7.90	15.6	1016	Turbid
	04/18/02	8.3	7.96	15.7	1017	Turbid, bailing down
	10/30/02	8.5	7.58	16.1	1000	Turbid
	05/21/03	8.5	7.80	17.7	1009	Clear
HC = Hydrocarbon						
NM = Not measured						
(a) Value above theoretical dissolved oxygen concentration for this altitude; therefore, measurement is suspect.						

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
5-01B	12/89	ER	< 5.0	6.3	< 5.0	NA
	03/90	ER	< 5.0	< 5.0	< 5.0	25
	06/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	< 1	< 1	< 1	3.5
	11/90	EH	< 0.50	< 0.50	< 0.50	3.0
	01/91	EH	< 1.0	< 1.0	< 1.0	4.8
	02/91	EH	1.6	< 0.50	< 0.50	4.6
	03/91	EH	2.0	< 0.50	< 0.50	5.2
	04/91	EH	1.2	< 0.50	< 0.50	3.6
	05/91	EH	< 0.50	< 0.50	< 0.50	5.4
	06/91	EH	< 0.50	0.63	< 0.50	1.9
	07/91	EH	< 0.50	< 0.50	< 0.50	6.0
	09/91	EH	< 0.50	< 0.50	< 0.50	7.8
	10/91	ER	< 0.50	< 0.50	< 0.50	6.4
	11/91	ER	< 0.50	< 0.50	< 0.50	9.8
	12/91	ER	< 0.50	< 0.50	< 0.50	2.4
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	0.79
	02/20/92	ER	< 0.50	< 0.50	< 0.50	5.2
	03/18/92	ATI-P	< 2.5	< 0.5	< 0.5	3.3
	04/29/92	ATI-P	< 0.5	< 0.5	< 0.5	2.3
	10/14/92	ATI-P	< 0.5	< 0.5	< 0.5	4.7
	12/13/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/27/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/21/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/22/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/15/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/22/96	HEAL	0.8	< 0.5	< 0.5	< 0.5
	02/28/97	HEAL	0.6	< 0.5	< 0.5	< 0.5
	05/22/97	HEAL	1.2	< 0.5	< 0.5	< 0.5
	08/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-01C	11/23/97	HEAL	1.4	< 0.5	< 0.5	< 0.5
	01/08/98	HEAL	2.0	< 0.5	< 0.5	< 0.5
	02/12/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/11/98	HEAL	6.5	< 0.5	< 0.5	< 0.5
	10/02/98	HEAL	5.2	< 0.5	< 0.5	< 0.5
	04/29/99	OAL	< 1	< 1	< 1	< 1
	10/14/99	OAL	< 1	< 2	< 2	< 4
Pulled pump	05/12/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-02B	05/89	ER	1800	2000	< 200	NA
	08/89	ER	2500	4700	< 500	NA
	11/89	ER	1800	3100	250	NA
	03/90	ER	2300	3800	< 250	2400
	06/90	ER	1900	3100	< 250	2300
	08/90	AS	1400	2300	180	1700
	11/90	EH	1500	2400	230	1900
	01/91	EH	600	730	110	940
	02/91	EH	460	580	75	600
	03/91	EH	2400	3300	290	2600
	04/91	EH	830	1200	110	920
	05/91	EH	830	1200	150	1300
	06/91	EH	5.1	7.0	0.57	4.7
	07/91	EH	400	600	49	420
	09/91	EH	510	750	57	530
	10/91	ER	290	450	37	310
	11/91	ER	740	1200	97	950
	12/91	ER	330	580	31	320
	01/09/92	ER	360	710	52	480
	01/28/92	ER	420	810	64	560
	02/20/92	ER	890	1600	140	1200
	03/19/92	ATI-P	910	2100	170	1700
	04/29/92	ATI-P	1700	3800	240	2200
	10/14/92	ATI-P	800	700	74	640
	04/22/93	ATI-A	120	< 0.5	11	38
	12/09/94	HEAL	2100	2600	220	1800
	06/26/95	HEAL	1200	2700	130	1200
	10/06/95	HEAL	490	1600	66	640
	11/21/95	HEAL	740	2900	160	1100
	02/22/96	HEAL	260	1000	62	600
	05/21/96	HEAL	380	120	1300	1100
	08/14/96	HEAL	420	1200	100	880
	11/21/96	HEAL	660	1300	150	1600
	02/28/97	HEAL	260	500	90	680
5-02C	11/23/97	HEAL	26	2.7	9.1	2.7
	02/11/98	HEAL	110	7.0	33	8.3
	06/10/98	HEAL	460	1000	120	750
	10/01/98	HEAL	1300	3500	230	1800
	04/28/99	OAL	1500	4400	260	2500
	10/13/99	OAL	1300	3900	320	3100
	05/13/00	OAL	980	3400	340	3500
	11/17/00	NCA	671	1000	372	3820
	05/24/01	Analysys	446	60	340	3406

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	11/17/01	Analysys	587	15.2	365	3622
	04/20/02	HEAL	450	< 10	300	3100
	10/31/02	HEAL	330	< 5.0	230	2000
	05/22/03	HEAL	290	< 10	200	800
5-03B	05/89	ER	< 5.0	< 5.0	< 5.0	NA
	11/89	ER	< 5.0	< 5.0	< 5.0	NA
	04/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	05/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1
	01/91	EH	< 0.30	< 0.30	< 0.30	< 0.60
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	1.4	< 0.50	2.2
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	09/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	11/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	12/09/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/24/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/11/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	04/18/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-04B	10/89	ER	< 25	< 25	< 25	NA
	12/89	ER	18	< 5.0	< 5.0	NA
	01/90	ER	21	< 5.0	< 5.0	NA
	04/90	ER	54	< 5.0	7.1	110
	06/90	ER	60	< 50	< 50	64
	08/90	AS	63	9.5	< 1	15
	11/90	EH	25	< 5.0	< 5.0	< 10
	01/91	EH	22	1.6	0.75	5.6
	03/91	EH	76	11	< 0.50	5.7
	04/91	EH	39	0.66	< 0.50	2.9
	05/91	EH	90	1.1	0.96	13
	06/91	EH	81	21	14	87
	07/91	EH	71	< 0.5	4.5	43
	09/91	EH	270	< 1.0	6.6	54
	10/91	ER	180	< 5.0	7.8	48
	11/91	ER	< 1.2	< 1.2	11	83
	12/91	ER	100	< 2.5	5.1	45
	01/10/92	ER	53	< 1.2	3.7	44
	01/28/92	ER	48	2.8	6.5	44
	02/19/92	ER	42	< 1.0	3.4	39
	03/18/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	86	80	60	570
	10/13/92	ATI-P	230	40	19	260
	04/21/93	ATI-A	170	130	26	280
	12/12/94	HEAL	12	2.2	3.4	3.3
	12/20/94	HEAL	2.7	0.7	< 0.5	1.3
	01/10/95	HEAL	9.8	2.3	< 0.5	2.0
	03/07/95	HEAL	93	1.5	6.1	1.9
	06/08/95	HEAL	9.4	1.4	0.6	< 0.5
	06/26/95	HEAL	15	< 0.5	0.7	< 0.5
	10/05/95	HEAL	44	1.7	3.1	< 0.5
	11/17/95	HEAL	9.9	1.1	0.6	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/14/00	OAL	3	< 2	< 2	< 4
	11/17/00	NCA	1.65	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	1.72	< 1	< 1	< 2
	11/18/01	Analysys	<1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-05B	10/89	ER	< 5.0	< 5.0	8.7	NA
	11/89	ER	< 5.0	< 5.0	< 5.0	NA

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	04/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	06/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	2.5	< 1	< 1	4.6
	11/90	EH	1.4	< 0.50	< 0.50	2.9
	01/91	EH	< 0.50	< 0.50	< 0.50	0.56
	02/91	EH	49	35	7.4	56
	03/91	EH	12	1.2	< 0.50	< 1.0
	04/91	EH	1.3	< 0.50	< 0.50	< 1.0
	05/91	EH	4.6	< 0.50	< 0.50	< 1.0
	06/91	EH	3.8	< 0.50	< 0.50	< 1.0
	07/91	EH	0.51	< 0.50	< 0.50	< 1.0
	09/91	EH	3.0	< 0.50	< 0.50	< 1.0
	10/91	ER	0.90	< 0.50	< 0.50	< 0.50
	11/91	ER	1.2	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	53	< 0.5	11	84
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/12/92	ATI-P	770	110	25	160
	04/21/93	ATI-A	38	< 0.5	2.4	3
	12/12/94	HEAL	150	33	16	47
	06/26/95	HEAL	17	0.7	1.6	0.9
	10/05/95	HEAL	8.2	< 0.5	0.9	< 0.5
	11/17/95	HEAL	5.0	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	0.9	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	1.0	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	0.9	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	3.3	1.5	< 0.5	< 0.5
	02/25/97	HEAL	3.0	1.4	< 0.5	0.6
	10/14/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	0.981	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	1.61	< 1	< 1	< 2
	11/18/01	Analysys	7.4	< 1	< 1	< 2
	04/18/02	HEAL	5.2	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	3.4	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	2.1	0.92	1.0	2.6
5-06B	10/89	ER	15	< 5.0	< 5.0	NA
	12/89	ER	7.4	35	21	NA
	01/90	ER	< 5.0	< 5.0	8.3	NA
	04/90	ER	5.3	< 5.0	< 5.0	120
	06/90	ER	< 5.0	< 5.0	< 5.0	19
	08/90	AS	< 1	< 1	1.5	36

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	11/90	EH	1.8	< 0.50	0.5	21
	01/91	EH	< 1.0	< 1.0	< 1.0	31
	02/91	EH	12	2.5	< 0.50	21
	03/91	EH	2.0	< 0.50	< 0.50	5.1
	04/91	EH	5.2	< 0.50	< 0.50	12
	05/91	EH	7.7	< 0.50	< 0.50	18
	06/91	EH	11	2.3	< 0.50	25
	07/91	EH	1.5	< 0.50	< 0.50	15
	09/91	EH	3.5	< 0.50	< 0.50	13
	10/91	ER	3.1	0.62	0.77	9.3
	11/91	ER	1.4	< 0.50	< 0.50	6.0
	11/91	ATI	2.3	< 0.50	< 0.50	18
	12/91	ER	< 0.50	< 0.50	< 0.50	5.0
	01/09/92	ER	2.3	< 0.50	< 0.50	< 0.50
	01/27/92	ER	1.3	< 0.50	< 0.50	2.6
	02/20/92	ER	1.0	< 0.50	< 0.50	1.2
	03/18/92	ATI-P	0.9	< 0.50	< 0.50	2.3
	04/29/92	ATI-P	1.4	< 0.50	< 0.50	3.6
	10/14/92	ATI-P	1.0	< 0.50	< 0.50	2.8
	12/14/94	HEAL	4.3	< 0.50	< 0.50	0.7
	06/27/95	HEAL	2.2	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	4.6	< 0.5	< 0.5	< 0.5
	11/21/95	HEAL	6.2	< 0.5	< 0.5	< 0.5
	02/22/96	HEAL	4.3	< 0.5	< 0.5	< 0.5
	04/17/96	HEAL	8.9	< 0.5	< 0.5	0.5
	04/17/96	AEN	9.4	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	1.2	< 0.5	< 0.5	< 0.5
	08/15/96	HEAL	2.4	< 0.5	< 0.5	< 0.5
	11/22/96	HEAL	0.9	< 5.0	< 5.0	< 0.5
	02/28/97	HEAL	0.9	< 5.0	< 5.0	< 0.5
	05/22/97	HEAL	0.7	< 5.0	< 5.0	< 0.5
	08/20/97	HEAL	0.7	< 5.0	< 5.0	< 0.5
5-06C	11/23/97	HEAL	1.4	0.6	< 5.0	11
	12/08/98	HEAL	1.0	< 0.5	< 0.5	5.7
	01/08/98	HEAL	1.9	< 0.5	< 0.5	3.1
	02/12/98	HEAL	2.2	1.4	< 0.5	1.3
	06/11/98	HEAL	1.2	0.6	< 0.5	< 0.5
	10/02/98	HEAL	1.5	1.3	< 0.5	< 0.5
	04/29/99	OAL	< 1	< 1	< 1	< 1
	10/14/99	OAL	< 1	< 2	< 2	< 4
	05/13/00	OAL	1	< 2	< 2	< 4
Pulled pump	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	1.19	< 1	< 1	< 2
	04/20/02	HEAL	1.1	< 0.50	< 0.50	< 0.50

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-12B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	1.5	4.7	0.79	3.8
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-13B	08/90	AS	54	13	< 1	330
	11/90	EH	61	< 10	< 10	480
	01/91	EH	180	17	< 5.0	310
	02/91	EH	270	25	< 10	460
	03/91	EH	240	< 50	< 50	480
	04/91	EH	430	< 0.50	< 0.50	620
	05/91	EH	290	< 10	< 10	450
	06/91	EH	330	0.53	< 0.50	600
	07/91	EH	97	0.72	< 0.50	760
	10/91	ER	71	< 5.0	< 5.0	510
	01/08/92	ER	150	< 25	< 25	570

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	05/01/92	ATI-P	76	8.0	< 0.5	67
	10/13/92	ATI-P	88	8.7	< 0.5	1.5
	10/05/95	HEAL	0.6	2.5	0.5	1.9
	11/20/95	HEAL	< 0.5	< 0.5	0.6	2.0
	02/21/96	HEAL	1.0	0.7	< 0.5	< 0.5
	05/21/96	HEAL	0.7	< 0.5	< 0.5	0.8
	08/13/96	HEAL	1	5.4	< 0.5	< 0.5
	11/21/96	HEAL	1.2	6.1	< 0.5	< 0.5
	02/26/97	HEAL	1.5	5.9	< 0.5	2.5
	05/21/97	HEAL	1.1	4.3	< 0.5	0.7
	08/19/97	HEAL	1.2	2.9	< 0.5	0.6
	11/18/97	HEAL	1.3	2	< 0.5	< 0.5
	02/11/98	HEAL	0.9	1.5	< 0.5	< 0.5
	06/09/98	HEAL	0.8	0.7	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	1.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-14B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	2.8	3.2	0.53	2.0
	07/91	EH	0.60	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/06/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	2.6	1.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/24/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-15B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	2.1	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.30	< 0.30	< 0.30	1.0
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	07/91	EH	< 0.50	0.59	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/05/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	0.9	< 0.5	< 0.5	0.5
	02/11/98	HEAL	1.5	< 0.5	1.0	1.2
	06/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	< 1	< 2	< 2	< 4
	05/24/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-16B	08/90	AS	19	25	50	320
	01/91	EH	< 0.30	< 0.30	< 0.30	< 0.60

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	02/91	EH	320	46	170	860
	03/91	EH	920	14	1.2	130
	04/91	EH	92	< 0.50	0.68	9.2
	05/91	EH	270	< 12	230	1100
	06/91	EH	450	490	460	2300
	07/91	EH	260	140	400	2400
	09/91	EH	460	320	550	3600
	10/91	ER	170	420	460	3200
	11/91	ER	180	430	330	2400
	12/91	ER	140	490	360	2900
	01/08/92	ER	200	500	410	3000
	02/20/92	ER	170	330	470	3200
	03/18/92	ATI-P	53	89	400	2400
	04/29/92	ATI-P	23	3.3	210	1000
	10/13/92	ATI-P	5.1	2.3	12	63
	04/20/93	ATI-A	6.5	< 0.5	14	51
	10/05/95	HEAL	610	5900	300	2600
	11/20/95	HEAL	970	7100	430	3100
	02/21/96	HEAL	1700	6900	340	3600
	05/21/96	HEAL	1500	280	6900	3500
	08/15/96	HEAL	670	3600	130	2400
	11/21/96	HEAL	460	2200	130	2500
	02/27/97	HEAL	250	1100	190	2000
	05/22/97	HEAL	130	720	110	1500
	08/20/97	HEAL	130	820	120	1300
	11/19/97	HEAL	85	730	100	1100
	02/11/98	HEAL	41	360	90	660
	06/10/98	HEAL	23	210	56	590
	10/01/98	HEAL	140	190	66	590
	04/28/99	OAL	200	170	45	620
	10/13/99	OAL	610	630	79	600
	12/05/99	OAL	720	390	130	570
	05/12/00	OAL	600	290	92	360
	11/17/00	NCA	1360	742	213	1010
	05/24/01	Analysys	1240	487	174	1105
	11/18/01	Analysys	2330	948	356	1987
	04/20/02	HEAL	1800	660	230	1400
	10/31/02	HEAL	1300	240	170	1100
	05/22/03	HEAL	1300	130	180	950
5-17B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.50	< 0.50	< 0.50	< 0.50
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	0.72	2.9	1.8	11
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/08/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/27/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/01/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/99	OAL	< 1	< 1	< 1	< 1
	10/13/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-18B	08/90	AS	1100	14	< 1	220
	11/90	EH	1900	< 100	< 100	320
	01/91	EH	1300	< 25	< 25	170
	02/91	EH	970	11	< 5.0	170
	03/91	EH	260	1.8	< 0.50	23
	04/91	EH	1000	< 1.0	< 1.0	78
	06/91	EH	680	1.1	1.0	150
	07/91	EH	1500	3.0	1.5	70
	10/91	ER	1200	< 25	< 25	130
	01/08/92	ER	1100	< 25	< 25	88
	05/01/92	ATI-P	790	2.7	< 0.5	36
	10/13/92	ATI-P	820	< 0.5	1.0	36
	04/22/93	ATI-A	360	< 0.5	0.5	2.6

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	10/05/95	HEAL	87	8.4	9.0	26
	11/17/95	HEAL	240	24	22	53
	02/21/96	HEAL	290	54	37	110
	05/21/96	HEAL	390	56	1.3	50
	08/14/96	HEAL	400	< 0.5	53	0.9
	11/21/96	HEAL	210	5	48	< 0.5
	02/27/97	HEAL	9.4	5.2	64	1.5
	05/22/97	HEAL	< 0.5	4.7	88	0.8
	08/19/97	HEAL	1.1	4.9	110	1.5
	11/17/97	HEAL	0.9	6	140	1.1
	02/11/98	HEAL	0.9	6.4	120	1.1
	06/10/98	HEAL	< 0.5	6.2	64	< 0.5
	09/30/98	HEAL	5.6	1.3	17	1.0
	04/28/99	OAL	2	< 1	< 1	2.0
	10/12/99	OAL	17	< 2	5	42
	05/12/00	OAL	10	< 2	12	14
	11/16/00	NCA	1.93	< 0.500	< 0.500	1.60
	05/24/01	Analysys	2.92	< 1	< 1	< 2
	11/17/01	Analysys	<1	< 1	< 1	< 2
	04/20/02	HEAL	0.55	< 0.50	0.72	0.89
	10/31/02	HEAL	0.68	< 0.50	< 0.50	0.95
	05/22/03	HEAL	< 0.50	5.9	< 0.50	2.5
5-19B	08/90	AS	190	3.5	5.8	44
	11/90	EH	180	11	< 10	< 20
	01/91	EH	150	< 0.30	0.60	15
	02/91	EH	200	5.8	< 2.5	14
	03/91	EH	200	30	180	880
	04/91	EH	290	< 25	210	880
	05/91	EH	240	< 0.50	0.71	21
	06/91	EH	290	7.5	2.2	22
	07/91	EH	240	< 0.50	0.58	14
	10/91	ER	140	< 2.5	< 2.5	12
	01/08/92	ER	240	< 5.0	< 5.0	9.0
	02/20/92	ER	150	< 2.5	< 2.5	4.2
	03/19/92	ATI-P	140	< 0.5	< 0.5	5.9
	04/29/92	ATI-P	190	< 0.5	< 0.5	4.3
	10/13/92	ATI-P	130	< 0.5	< 0.5	4.4
	10/05/95	HEAL	1.0	0.7	< 0.5	< 0.5
	11/20/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/21/96	HEAL	0.9	0.8	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	0.7	0.6	< 0.5	< 0.5
	11/21/96	HEAL	0.9	0.6	< 0.5	< 0.5
	02/27/97	HEAL	1.3	1	< 0.5	0.7
	05/21/97	HEAL	1.2	1	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	08/20/97	HEAL	1.7	1.3	0.6	< 0.5
	11/17/97	HEAL	2.5	2.0	0.9	0.7
	02/11/98	HEAL	2.3	1.8	0.8	0.7
	06/10/98	HEAL	1.5	1.4	1.5	0.6
	10/01/98	HEAL	7.4	3.9	1.6	2.9
	04/28/99	OAL	43	< 1	1	3
	10/12/99	OAL	13	< 2	< 2	< 4
	05/12/00	OAL	16	< 2	3	4
	11/17/00	NCA	1.03	< 0.500	1.88	< 1.00
	05/24/01	Analysys	< 1	< 1	1.17	< 2
	11/17/01	Analysys	< 1	< 1	< 1	<2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-20B	08/90	AS	58	8.0	< 1	51
	11/90	EH	180	< 5.0	< 5.0	12
	01/91	EH	93	14	< 1.0	23
	02/91	EH	280	14	< 10	46
	02/91	EH	110	< 5.0	< 5.0	< 5.0
	03/91	EH	200	< 5.0	< 5.0	< 10
	04/91	EH	180	< 1.0	< 1.0	19
	05/91	EH	160	< 5.0	< 5.0	32
	06/91	EH	300	1.1	< 0.50	15
	07/91	EH	73	1.1	1.0	24
	10/91	ER	57	2.2	< 1.2	11
	01/08/92	ER	31	< 1.2	< 1.2	6.7
	05/01/92	ATI-P	55	3.9	4.9	6.2
	10/12/92	ATI-P	52	2.7	4.4	11
	04/21/93	ATI-A	14	< 0.5	6.1	10
	10/05/95	HEAL	3.2	0.7	3.5	< 0.5
	11/17/95	HEAL	12	2.3	< 0.5	2.6
	02/21/96	HEAL	2.8	1.7	2.7	2.3
	05/21/96	HEAL	1.7	1.3	0.8	< 0.5
	08/14/96	HEAL	8.1	0.7	0.8	1.5
	11/20/96	HEAL	7.2	0.9	1.4	< 0.5
	02/27/97	HEAL	12	1.3	1.8	3.3
	05/22/97	HEAL	2.0	0.7	0.8	0.5
	08/19/97	HEAL	10.0	1.0	1.9	1.4
	11/18/97	HEAL	4.3	0.8	1.1	1.1
	02/11/98	HEAL	< 0.5	1.3	2.3	0.5
	06/09/98	HEAL	15	0.8	0.7	< 0.5
	10/01/98	HEAL	1.5	1.4	1.5	1.3
	04/28/99	OAL	< 1	< 1	1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	1	< 2	2	< 4

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	11/16/00	NCA	0.961	< 0.500	0.763	< 1.00
	05/24/01	Analysys	3.28	< 1	< 1	< 2
	11/17/01	Analysys	<1	<1	<1	<2
	04/19/02	HEAL	0.86	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	0.76	0.70	< 0.50	< 0.50
	05/22/03	HEAL	1.0	0.91	< 0.50	< 0.50
5-22B	10/90	AS	< 1	< 1	< 1	< 1
	01/91	EH	< 0.50	< 0.50	< 0.50	< 0.50
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	1.9	5.5	13	58
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	09/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	11/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/10/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/28/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/18/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	12/12/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	1.9
	02/27/97	HEAL	5.6	9.3	< 0.5	65
	05/22/97	HEAL	3.6	< 0.5	< 0.5	7.1
	08/20/97	HEAL	3.2	7.3	< 0.5	5.3
	11/18/97	HEAL	3.8	2.3	< 0.5	0.6

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

			BTEX Concentration (ug/L)			
Well ID	Date	Lab	Benzene	Toluene	Ethyl-benzene	Total Xylenes
5-23B	10/90	AS	5.3	< 1	< 1	< 1
	11/90	EH	5.1	< 0.50	< 0.50	< 1.0
	01/91	EH	3.0	< 0.50	< 0.50	< 0.60
	02/91	EH	6.6	< 0.50	< 0.50	< 1.0
	03/91	EH	8.5	< 0.50	< 0.50	1.2
	04/91	EH	5.0	< 0.50	< 0.50	< 1.0
	05/91	EH	120	< 0.50	< 0.50	7.5
	06/91	EH	3.8	0.55	< 0.50	5.7
	07/91	EH	2.0	< 0.50	< 0.50	1.3
	09/91	EH	2.1	< 0.50	< 0.50	1.1
	10/91	ER	1.6	< 0.50	< 0.50	< 0.50
	11/91	ER	0.59	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	0.65	< 0.50	< 0.50	< 0.50
	02/18/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/09/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/22/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/08/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-24B	10/90	AS	63	< 1	2.0	1.6
	11/90	EH	100	< 5.0	< 5.0	< 10
	01/91	EH	40	0.55	0.74	< 1.0
	02/91	EH	150	16	< 5.0	21
	03/91	EH	89	9.8	< 0.50	3.5
	04/91	EH	230	< 1.0	< 1.0	6.3
	05/91	EH	4.3	< 0.50	< 0.50	1.3
	06/91	EH	280	0.86	0.64	13

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	07/91	EH	130	< 0.50	< 0.50	8.7
	09/91	EH	250	0.54	< 0.50	12
	10/91	ER	140	< 2.5	< 2.5	< 2.5
	11/91	ER	180	< 5.0	< 5.0	< 5.0
	12/91	ER	180	< 5.0	< 5.0	< 5.0
	01/07/92	ER	120	< 2.5	< 2.5	< 2.5
	02/18/92	ER	140	< 2.5	< 2.5	< 2.5
	03/17/92	ATI-P	120	< 2.5	0.8	1.4
	04/30/92	ATI-P	100	2.1	1.4	2.2
	10/13/92	ATI-P	1.2	< 0.5	0.8	0.8
	04/21/93	ATI-P	< 0.5	< 0.5	0.7	1.4
	10/03/95	HEAL	< 0.5	< 0.5	1.0	1.0
	11/17/95	HEAL	1.2	0.8	0.5	1.0
	02/20/96	HEAL	1.3	1.0	0.7	2.0
	05/21/96	HEAL	< 0.5	0.9	< 0.5	0.7
	08/13/96	HEAL	1.2	0.6	0.7	1.3
	11/19/95	HEAL	0.9	< 0.5	0.6	0.8
	02/26/97	HEAL	0.9	0.6	1	1.8
	05/21/97	HEAL	0.7	< 0.5	1	1.6
	08/19/97	HEAL	1.2	0.5	0.9	< 5.0
	11/18/97	HEAL	0.6	< 0.5	0.7	1.3
	02/10/98	HEAL	0.5	< 0.5	0.7	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	0.6	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/11/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	0.59
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-34B	01/07/92	ER	120	< 2.5	< 2.5	< 2.5
	02/18/92	ER	140	< 2.5	< 2.5	< 2.5
	03/17/92	ATI-P	120	< 0.5	0.8	1.4
	04/30/92	ATI-P	100	2.1	1.4	2.2
	10/13/92	ATI-P	1.2	< 0.5	0.8	0.8
	04/21/93	ATI-A	< 0.5	< 0.5	0.7	1.4
	12/13/94	HEAL	4700	13,000	460	5,900

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
5-35B	04/22/93	ATI-A	360	1400	130	1700
5-36E	12/14/94	HEAL	620	2700	230	3300
5-37I	02/22/96	HEAL	640	520	24	990
	04/16/96	HEAL	580	300	22	600
	05/21/96	HEAL	590	19	340	600
	07/03/96	HEAL	1100	600	31	880
	08/15/96	HEAL	310	54	14	430
	11/22/96	HEAL	440	140	20	520
5-41B	10/09/92	ATI-P	47	3.9	0.7	1.0
	04/20/93	ATI-A	1.4	< 0.5	2.5	2.1
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-47B	10/07/92	ATI-P	1.0	< 0.5	< 0.5	< 0.5
	04/20/93	ATI-A	2.9	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	7.2	2.0	0.6	4.6
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-48B	10/12/92	ATI-P	380	1100	84	840
	04/21/93	ATI-A	99	390	34	360
	10/05/95	HEAL	550	940	290	1900
	11/20/95	HEAL	820	1700	390	2600
	02/21/96	HEAL	690	1100	550	3300
	04/16/96	HEAL	600	1700	420	3100
	05/21/96	HEAL	620	480	3600	3600
	07/03/96	HEAL	670	5100	410	3500
	08/14/96	HEAL	770	7600	340	3900
	11/21/96	HEAL	960	8500	330	3900
	02/27/97	HEAL	1100	10000	430	4700
	05/22/97	HEAL	1100	8000	450	4400
	08/20/97	HEAL	1200	7000	440	4200
	11/19/97	HEAL	1400	6900	330	3900
	12/09/97	HEAL	1800	7700	430	4700

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	01/08/98	HEAL	1600	7600	440	4100
	02/11/98	HEAL	2100	8000	460	4600
	06/11/98	HEAL	2100	8000	200	3800
	10/01/98	HEAL	2100	6100	420	4300
	04/28/99	OAL	1700	4400	140	3100
	10/12/99	OAL	1000	1900	320	2900
	05/12/00	OAL	1400	680	270	2200
	11/17/00	NCA	860	157	259	2360
	05/22/01	Analysys	683	194	28.8	1703
	11/18/01	Analysys	841	24.3	241	1893
	04/20/02	HEAL	1100	23	190	1700
	10/30/02	HEAL	5600	51	350	3100
	05/21/03	HEAL	2100	< 50	320	2700
5-57B	04/19/93	ATI-A	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/08/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-58B	04/19/93	ATI-A	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-59	07/28/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-60	11/18/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
SVE-1	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	11/18/01	Analysys	<1	<1	<1	<2

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	04/18/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

† Lab Designations
ABB = ASEA Brown Boveri
AEN = American Environmental Network, Inc. (Albuquerque)
AS = Assaigai Laboratories (Albuquerque)
ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
OAL = Oregon Analytical Laboratory (Portland, OR)
NCA = North Creek Analytical (Portland, OR)
Analysys = Analysys Inc. (Austin, TX)
NA = Not Analyzed

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
5-01B	08/89	ER	2.1	1016
	12/89	ER	2.0	1242
	03/90	ER	94	1221
	06/90	ER	11	1242
	08/90	AS	2.0	1242
	11/90	EH	5.5	1242
	01/91	EH	28	1242
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	210	1221
	11/91	ER	76	1221
	12/91	ER	< 1.0	
	01/09/92	ER	< 1.0	
	01/27/92	ER	67	1221
	02/20/92	ER	82	1221
	03/18/92	ATI-P	54	1221
	04/29/92	ATI-P	71	1221
	10/14/92	ATI-P	82	1221
	12/13/94	ATI-P	4.9	1016
	06/27/95	NET	4.18	1242
	10/06/95	NET	< 0.65	
	11/21/95	NET	< 0.065	
	02/22/96	NET	< 0.065	
	04/17/96	NET	< 0.065	
	04/17/96	PA	0.93	1221
	05/24/96	NET	34	1221
	08/15/96	NET	14.2	1221
	11/22/96	EPIC	15.6	1221
	02/28/97	EPIC	15.2	1221
	05/22/97	EPIC	11.9	1221
	08/21/97	EPIC	18.2	1221
5-01C	11/23/97	EPIC	79.7/49.0	1221/1242
	01/08/98	HEAL	38	1221
	02/12/98	HEAL	< 1.0	
	06/11/98	HEAL	38	1221
	10/02/98	HEAL	10	1221
	04/29/99	OAL	3.8/9.8	1016/1221
	10/14/99	OAL	4.9/3.5	1016/1221
Pulled pump	05/12/00	OAL	2.7	1016
	11/17/00	NCA	1.9	1242
	05/22/01	Analysys	< 1	
	11/19/01	Analysys	13.5	1016/1242
	04/20/02	NCA	1.37	1221
	10/30/02	HEAL	1.5	1016

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	05/21/03	HEAL	2.6	1016/1221
5-02B	05/89	ER	< 1.0	
	08/89	ER	< 1.0	
	11/89	ER	< 1.0	
	03/90	ER	< 1.0	
	06/90	ER	< 5.0	
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/09/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/20/92	ER	< 1.0	
	03/19/92	ATI-P	< 0.5	
	04/29/92	ATI-P	< 25.0	
5-03B	05/89	ER	< 1.0	
	11/89	ER	< 1.0	
	04/90	ER	< 1.0	
	05/90	ER	< 1.0	
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 0.1	
	12/91	ER	< 0.1	
	01/09/92	ER	< 1.0	
	01/27/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-04B	12/89	ER	< 1.0	
	01/90	ER	< 1.0	
	04/90	ER	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	06/90	ER	< 1.0	
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/10/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/18/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-05B	10/89	ER	< 1.0	
	11/89	ER	< 1.0	
	04/90	ER	< 1.0	
	06/90	ER	< 1.0	
	08/90	AS	0.19	1242
	11/90	EH	2.4	1242
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 5.0	
	11/91	ER	< 1.0	
	12/91	ER	< 2.0	
	01/09/92	ER	< 1.0	
	01/27/92	ER	< 1.0	
	02/19/92	ER	< 10.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-06B	10/89	ER	< 1.0	
	12/89	ER	180	1221
	01/90	ER	100	1221
	04/90	ER	170	
	06/90	ER	39	1242
	08/90	AS	1.1	1242
	11/90	EH	65	1242
	01/91	EH	39	1242
	02/91	EH	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	250	1221
	11/91	ER	140	1221
	11/91	ATI	210	1221
	12/91	ER	270	1221
	01/09/92	ER	< 1.0	
	01/27/92	ER	190	1221
	02/20/92	ER	200	1221
	03/18/92	ATI-P	140	1221
	04/29/92	ATI-P	150	1221
	10/14/92	ATI-P	280	1221
	12/14/94	NET	88	1016
	06/27/95	NET	26.3	1242
	10/06/95	NET	30.1	1242
	11/21/95	NET	44.4	1242
	02/22/96	NET	< 0.065	
	04/17/96	NET	< 0.065	
	05/23/96	NET	78	1221
	08/15/96	NET	166.7	1221
(NMOCD split sample)	08/15/96	AEN	260	1221
	11/22/96	EPIC	42.8	1221
	02/28/97	EPIC	48.2	1221
	05/22/97	EPIC	7.29	1221
	08/20/97	EPIC	16.5	1221
5-06C	11/23/97	EPIC	160.0/114.0	1221/1242
	12/09/97	HEAL	65	1232
	01/08/98	HEAL	220	1221
	02/12/98	HEAL	320	1221
	06/11/98	HEAL	180	1221
	10/02/98	HEAL	29	1221
	04/29/99	OAL	7.1/320	1016/1221
	10/14/99	OAL	14/300	1016/1221
	05/13/00	OAL	7.2/266	1016/1221
Pulled pump	11/17/00	NCA	5.23	1242
	05/22/01	Analysys	3.1	1016/1242
	11/18/01	Analysys	43.7	1016/1242
	04/20/02	NCA	150	1221
	10/30/02	HEAL	41	1016/1221
	05/21/03	HEAL	5.8	1016/1221
5-12B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-13B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-14B	08/90	AS	< 0.1	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-15B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-16B	08/90	AS	< 0.1	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	01/00	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/20/92	ER	< 1.0	
	03/18/92	ATI-P	< 5.0	
	04/29/92	ATI-P	< 10.0	
5-17B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/19/92	ER	< 1.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
	10/07/92	ATI-P	< 0.5	
	10/06/95	NET	< 0.65	

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	11/20/95	NET	< 0.065	
	02/20/96	NET	< 0.065	
	05/21/96	NET	< 0.065	
	08/14/96	NET	< 0.70	
	11/20/96	EPIC	< 0.065	
	02/28/97	EPIC	< 0.065	
	05/21/97	EPIC	< 0.065	
	08/20/97	EPIC	< 0.65	
	11/18/97	EPIC	< 0.65	
	02/11/98	HEAL	< 1.0	
	06/10/98	HEAL	< 1.0	
	10/01/98	HEAL	< 1.0	
	04/28/99	OAL	< 0.5	
	10/13/99	OAL	< 0.5	
	05/12/00	OAL	< 0.5	
	11/17/00	NCA	< 0.5	
	05/23/01	Analysys	< 0.5	
	11/17/01	Analysys	<0.5	
	04/19/02	NCA	< 1.0	
	10/31/02	HEAL	< 5.0	
	05/22/03	HEAL	< 5.0	
5-18B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-19B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/20/92	ER	< 1.0	
	03/19/92	ATI-P	< 0.5	
	04/29/92	ATI-P	< 0.5	
5-20B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
5-22B	10/90	AS	2.2	1242
	01/91	EH	13	1248
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/10/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/18/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-23B	10/90	AS	30	1254
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-24B	10/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-37I	05/21/96	NET	< 6.5	
5-59	07/28/01	Analysys	< 0.5	
	11/19/01	Analysys	30.7	1016/1242
	04/20/02	NCA	78.6	1221
	10/30/02	HEAL	19	1016/1221
	05/21/03	HEAL	14	1016/1221

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
5-60	11/18/01	Analysys	<0.5	
	04/20/02	NCA	< 1.0	
	10/31/02	HEAL	< 5.0	
	05/22/03	HEAL	< 1.0	

† Lab Designations
ABB = ASEA Brown Boveri
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ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
PA = Paragon Analytics, Inc. (Fort Collins)
NET = National Environmental Testing, Inc. (Carrollton, Texas)
EPIC = EPIC Laboratories, Inc. (Carrollton, Texas)
OAL = Oregon Analytical Laboratory (Portland, OR)
NCA = North Creek Analytical (Portland, OR)
Analysys = Analysys Inc.
ND = Not detected
‡ Total PCB includes Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260

Table 5. Summary of Quality Assurance Program Results
Thoreau Compressor Station No. 5

				Concentration (µg/L)											
Well ID	Date	Replicate ID	Lab	PCBs	Aroclor	RL	Benzene	RL	Toluene	RL	Ethyl-benzene	RL	Total Xylenes	RL
5-01B	1/9/92	5-01B	ER	ND	---	1.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50
	1/9/92	5-99	ER	ND	---	1.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50
	2/20/92	5-01B	ER	82	1221	10	ND	0.50	ND	0.50	ND	0.50	5.2	0.50
	2/20/92	5-99	ER	87	1221	10	ND	0.50	ND	0.50	ND	0.50	6.7	0.50
	3/18/92	5-01B	ATI	54	1221	2.5	ND	0.50	ND	0.50	ND	0.50	3.3	0.50
	3/18/92	5-99	ATI	65	1221	2.5	ND	0.50	ND	0.50	ND	0.50	3.9	0.50
	2/22/96	5-01B	HEAL/NET	<0.065	---	0.065	4.3	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	2/22/96	5-99	HEAL/NET	<0.065	---	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	08/14/96	5-01B	HEAL/NET	14.2	1221	NA	<0.5	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	08/14/96	5-99	HEAL/NET	5.61	1221	NA	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-02B	7/24/91	5-02B	EH	ND	---	0.50	830	250	1200	250	150	25	1300	50
	7/24/91	9107245-2BR	EH	ND	---	0.50	680	50	1000	50	73	50	670	100
	11/21/95	5-02B	HEAL	NA	---	NA	740	0.50	2900	0.50	160	0.50	1100	0.50
	11/21/95	5-98	HEAL	NA	---	NA	670	0.50	2000	0.50	120	0.50	990	0.50
	05/23/96	5-02B	HEAL	NA	---	NA	380	0.50	120	0.50	1300	0.50	1100	0.50
	05/23/96	5-98	HEAL	NA	---	NA	520	0.50	160	0.50	1600	0.50	1200	0.50
	2/28/97	5-06B	HEAL	NA	---	NA	260	0.50	500	0.50	90	0.50	680	0.50
	2/28/97	5-98	HEAL	NA	---	NA	290	0.50	510	0.50	91	0.50	690	0.50
5-02C	10/01/98	5-02C	HEAL	NA	---	NA	1300	0.50	3500	0.50	230	0.50	1800	0.50
	10/01/98	5-98	HEAL	NA	---	NA	1300	0.50	3400	0.50	230	0.50	1800	0.50
	4/28/99	5-02C	OAL	NA	---	NA	1500	1	4400	1	260	1	2500	1
	4/28/99	5-98	OAL	NA	---	NA	1500	1	4400	1	250	1	2400	1
	11/17/00	5-02C	NCA	NA	---	NA	671	0.500	1000	0.500	372	0.500	3820	20.0
	11/17/00	5-98	NCA	NA	---	NA	623	0.500	972	0.500	358	0.500	3730	20.0
	11/17/01	5-02C	Analysys	NA	---	NA	587	100	15.2	100	365	100	3622	100
	11/17/01	5-65	Analysys	NA	---	NA	577	100	15.6	100	401	100	3890	100
	4/20/02	5-02C	HEAL	NA	---	NA	450	10	ND	10	300	10	3100	10
	4/20/02	5-65	HEAL	NA	---	NA	450	10	ND	10	300	10	3200	10
	10/31/02	5-02C	HEAL	NA	---	NA	330	5.0	ND	5.0	230	5.0	2000	5.0
	10/31/02	5-65	HEAL	NA	---	NA	350	20	3.2	2.5	230	20	2200	20
	5/22/03	5-02C	HEAL	NA	---	NA	290	10	ND	10	200	10	800	10
	5/22/03	5-67	HEAL	NA	---	NA	290	10	ND	10	190	10	780	10
5-04B	10/3/91	5-04B	ER	ND	---	0.50	180	5.0	ND	5.0	7.8	5.0	48	5.0
	10/3/91	9110035-4R	ER	ND	---	0.50	86	2.5	2.5	2.5	6.5	2.5	40	2.5
5-06B	11/5/91	5-06B	ER	140	1221	100	1.4	0.50	ND	0.50	ND	0.50	6.0	0.50
	11/5/91	6-99	ER	ND	---	1.0	1.8	0.50	ND	0.50	ND	0.50	14	0.50
	12/10/91	5-06B	ER	270	1221	100	ND	0.50	ND	0.50	ND	0.50	5.0	0.50
	12/10/91	9112105-99	ER	170	1221	100	ND	0.50	ND	0.50	ND	0.50	5.4	0.50
	1/27/92	5-06B	ER	190	1221	100	1.3	0.50	ND	0.50	ND	0.50	2.6	0.50
	1/27/92	9201275-99	ER	250	1221	100	3.0	0.50	ND	0.50	ND	0.50	13	0.50
	4/29/92	5-06B	ATI	150	1221	0.50	1.4	0.50	ND	0.50	ND	0.50	3.6	0.50
	4/29/92	5-99	ATI	150	1221	0.50	1.3	0.50	ND	0.50	ND	0.50	2.0	0.50
	10/14/92	5-06B	ATI	280	1221	5.0	1.0	0.50	ND	0.50	ND	0.50	2.8	0.50
	10/14/92	5-99	ATI	270	1221	5.0	1.0	0.50	ND	0.50	ND	0.50	2.6	0.50
	12/14/94	5-06B	HEAL	NA	---	NA	4.3	0.50	ND	0.50	ND	0.50	0.7	0.50
	12/14/94	5-99	HEAL	NA	---	NA	3.2	0.50	ND	0.50	ND	0.50	ND	0.50
	11/21/95	5-06B	HEAL/NET	44.4	1242	0.50	6.2	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	11/21/95	5-99	HEAL/NET	37.8	1242	0.50	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	05/23/96	5-06B	HEAL/NET	78	---	0.065	1.2	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	05/23/96	5-99	HEAL/NET	<0.065	---	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	11/22/96	5-06B	HEAL/NET	42.8	1221	0.065	0.9	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	11/22/96	5-99	HEAL/NET	34.1	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	2/28/97	5-06B	HEAL/NET	48.2	1221	0.065	0.9	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	2/28/97	5-99	HEAL/NET	49.7	1221	0.065	0.8	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	5/22/97	5-06B	HEAL/NET	7.29	1221	0.065	0.7	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	5/22/97	5-99B	HEAL/NET	5.18	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	8/20/97	5-06B	HEAL/EPIC	16.5	1221	0.65	0.7	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	8/20/97	5-99B	HEAL/EPIC	8.1	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-06C	2/12/98	5-06C	HEAL	320	1221	5.0	2.2	0.50	1.4	0.50	<0.5	0.50	1.3	0.50
	2/12/98	5-99	HEAL	280	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	6/11/98	5-06C	HEAL	180	1221	5.0	1.2	0.50	0.6	0.50	<0.5	0.50	<0.5	0.50
	6/11/98	5-99	HEAL	190	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	10/01/98	5-06C	HEAL	29	1221	5.0	1.5	0.50	1.3	0.50	<0.5	0.50	<0.5	0.50
	10/01/98	5-99	HEAL	33	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	4/28/99	5-06C	OAL	7.1/320	1061/1221	1.5/1.0	<1	1	<1	1	<1	1	<1	1
	4/28/99	5-99	OAL	6.3/280	1061/1221	0.5/1.0	NA	1	NA	1	NA	1	NA	1
	10/14/99	5-06C	OAL	14/300	1061/1221	5.0/10	<1	1	<2	2	<2	2	<4	4
	10/14/99	5-99	OAL	14/290	1061/1221	5.0/10	NA	1	NA	2	NA	2	NA	4
	5/13/00	5-06C	OAL	7.2/266	1061/1221	5.0/10	1	1	<2	2	<2	2	<4	4
	5/13/00	5-99	OAL	6.6/263	1061/1221	5.0/10	NA	1	NA	2	NA	2	NA	4
	11/17/00	5-06C	NCA	5.23	1242	0.500	<0.500	0.500	<0.500	0.500	<0.500	0.500	<1	1.00
	11/17/00	5-99	NCA	4.45/5.17	1016/1242	0.500/0.500	NA	0.500	NA	0.500	NA	0.500	NA	1.00
	5/22/01	5-06C	Analysys	3.1	1016/1242	1	<1	0.500	<1	0.500	<1	0.500	<2	1.00
	5/22/01	5-99	Analysys	5.81	1016/1242	1	NA	0.500	NA	0.500	NA	0.500	NA	1.00
	11/18/01	5-06C	Analysys	43.7	1016/1242	0.5	1.19	1	<1	1	<1	1	<2	2
	11/18/01	5-66	Analysys	40.5	1016/1242	0.5	NA	1	NA	1	NA	1	NA	2
	4/20/02	5-06C	HEAL	150	1221	1.00	1.1	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50
	4/20/02	5-66	HEAL	168	1221	20.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-16B	8/20/97	5-16B	HEAL	NA	---	NA	130	0.50	820	0.50	120	0.50	1300	0.50
	8/20/97	5-98	HEAL	NA	---	NA	130	0.50	790	0.50	120	0.50	1200	0.50
	2/11/98	5-16B	HEAL	NA	---	NA	41	0.50	360	0.50	90	0.50	660	0.50
	2/11/98	5-98	HEAL	NA	---	NA	45	0.50	350	0.50	91	0.50	650	0.50
	5/12/00	5-16B	OAL	NA	---	NA	600	5	290	10	92	10	360	20
	5/12/00	5-98	OAL	NA	---	NA	510	10	200	20	70	20	270	40
	5/24/01	5-16B	Analysys	NA	---	NA	1240	100	487	100	174	100	1105	100
	5/24/01	5-98	Analysys	NA	---	NA	1220	100	466	100	181	100	1184	100

Table 5. Summary of Quality Assurance Program Results
Thoreau Compressor Station No. 5

				Concentration (µg/L)											
Well ID	Date	Replicate ID	Lab	PCBs	Aroclor	RL	Benzene	RL	Toluene	RL	Ethyl-benzene	RL	Total Xylenes	RL
5-17B	5/22/1991	5-17B	EH	ND	---	0.50	ND	0.50	ND	0.50	ND	0.50	ND	1.0
	5/22/1991	91-5-22-5-17BI	EH	ND	---	0.50	ND	0.50	ND	0.50	ND	0.50	ND	1.0
5-18B	10/11/91	5-18B	ER	NA	---	NA	1200	25	ND	25	ND	25	130	25
	10/11/91	91110115 18BR	ER	NA	---	NA	1200	25	ND	25	ND	25	110	25
	5/22/97	5-18B	HEAL	NA	---	NA	<0.5	0.50	4.7	0.50	88	0.50	0.8	0.50
	5/22/97	5-98	HEAL	NA	---	NA	<0.5	0.50	4.3	0.50	89	0.50	0.8	0.50
5-24B	5/22/1991	5-24B	EH	ND	---	0.50	4.3	0.50	ND	0.50	ND	0.50	1.3	1.0
	5/22/1991	91-5-22-5-24BI	EH	ND	---	0.50	130	5.0	ND	0.50	ND	0.50	9.4	1.0
5-48B	10/06/95	5-48B	HEAL	NA	---	NA	550	12.5	940	12.5	290	12.5	1900	12.5
	10/06/95	5-99	HEAL	NA	---	NA	730	20	1000	20	290	20	2300	20
	2/21/96	5-48B	HEAL	NA	---	NA	690	0.50	1100	0.50	550	0.50	3300	0.50
	2/21/96	5-98	HEAL	NA	---	NA	580	0.50	1200	0.50	540	0.50	3100	0.50
	08/14/96	5-48B	HEAL	NA	---	NA	770	0.50	7600	0.50	340	0.50	3900	0.50
	08/14/96	5-98	HEAL	NA	---	NA	630	0.50	7900	0.50	300	0.50	3600	0.50
	11/21/96	5-48B	HEAL	NA	---	NA	960	0.50	8500	0.50	330	0.50	3900	0.50
	11/21/96	5-98	HEAL	NA	---	NA	970	0.50	8600	0.50	330	0.50	4000	0.50
	11/19/97	5-48B	HEAL	NA	---	NA	1400	0.50	6900	0.50	330	0.50	3900	0.50
	11/19/97	5-98	HEAL	NA	---	NA	1600	0.50	7300	0.50	330	0.50	4100	0.50
	6/11/98	5-48B	HEAL	NA	---	NA	2100	0.50	8000	0.50	200	0.50	3800	0.50
	6/11/98	5-98	HEAL	NA	---	NA	2000	0.50	7900	0.50	210	0.50	3800	0.50
	10/12/99	5-48B	OAL	NA	---	NA	1000	50	1900	100	320	100	2900	200
	10/12/99	5-98	OAL	NA	---	NA	960	50	1800	100	300	100	2600	200
5-59	10/30/02	5-59	HEAL	19	1016/1221	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
	10/30/02	5-66	HEAL	19	1016/1221	1.0	NA	NA	NA	NA	NA	NA	NA	NA
	5/22/03	5-59	HEAL	14	1016/1221	1.0	ND	0.5	ND	0.5	ND	0.5	ND	0.5
	5/22/03	5-66	HEAL	14	1016/1221	1.0	NA	NA	NA	NA	NA	NA	NA	NA

† Lab Designations
ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
NET - National Environmental Testing, INC.
OAL - Oregon Analytical Laboratory
NA = Not Analyzed

Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
Thoreau Compressor Station No. 5

	Analytical Requirements			
Well ID	1st Semiannual Event	2nd Semiannual Event	Benzene (ppb) Last event sampled	Comments
5-01B	---	---	na	well replaced by 5-01C
5-01C	BTEX & PCBs	BTEX & PCBs	<0.5	
5-02B	---	---	na	SVE well; not enough water
5-02C	BTEX	BTEX	290	
5-03B	BTEX	---	<0.5	clean upgradient well
5-04B	BTEX	BTEX	<0.5	SVE well; no sample collected since 02/96
5-05B	BTEX	BTEX	2.1	
5-06B	---	---	na	well replaced by 5-06C
5-06C	BTEX & PCBs	BTEX & PCBs	<0.5	
5-12B	BTEX	---	<0.5	clean perimeter well
5-13B	BTEX	BTEX	<0.5	
5-14B	BTEX	---	<0.5	clean perimeter well
5-15B	BTEX	---	<0.5	clean perimeter well
5-16B	BTEX	BTEX	1300	
5-17B	BTEX & PCBs	BTEX & PCBs	<0.5	
5-18B	BTEX	BTEX	<0.5	
5-19B	BTEX	BTEX	<0.5	
5-20B	BTEX	BTEX	1.0	
5-22B	---	---	3.8	not enough water to collect a sample
5-23B	BTEX	---	<0.5	clean downgradient well
5-24B	BTEX	BTEX	<0.5	
5-34B	BTEX	BTEX	na	SVE well; no sample collected since 12/94
5-35B	---	---	na	pilot test well not suitable for sampling
5-36E	---	---	na	pilot test well not suitable for sampling
5-37I	---	---	na	pilot test well not suitable for sampling
5-41B	---	---	na	clean far downgradient well
5-47B	---	---	na	well abandoned
5-48B	BTEX	BTEX	2100	
5-57B	---	---	na	well abandoned
5-58B	---	---	na	well abandoned
5-59	BTEX & PCBs	BTEX & PCBs	<0.5	
5-60	BTEX & PCBs	BTEX & PCBs	<0.5	
SVE-1	BTEX	BTEX	<0.5	SVE well not previously sampled
SVE-2	---	---	na	SVE well outside of affected area
SVE-3	---	---	na	SVE well near well 5-48B
SVE-4	---	---	na	SVE well near well 5-16B

Notes:
1) na - not available
2) BTEX - BTEX Compounds by either EPA Method 8021B or EPA Method 8260
3) PCBs - Polychlorinated Biphenyls by EPA Method 8082
4) "Comments" are provided for wells that will not be sampled during one or more events

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
Thoreau Compressor Station No. 5

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)	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)
5 01C	Layne Christensen/CES	11/17/97	7,292.11 (c)	52.73	-35.22	55.0	na	stick up	2	44.5-54.5	42.5
5-02B	na	05/12/89	7,292.06 (b)	58.60	-145.02	55.5	56.69	flush mount	2	37.5-51.0	ns
5 02C	Layne Christensen/CES	11/15/97	7,291.82 (c)	49.32	-155.28	58.5	62.10	flush mount	2	42.0-57.0	40
5-03B	na	05/11/89	7,303.76 (b)	440.30	-109.97	58.0	55.60	flush mount	2	41.0-54.5	na
5-04B	Western Technologies Inc./DBS	09/16/89	7,292.39 (b)	15.05	-231.56	58.8	58.08	flush mount	2	38.7-57.2	36.9
5-05B	Western Technologies Inc./DBS	09/19/89	7,290.83 (b)	12.86	-152.20	59.5	62.02	flush mount	2	39.5-58.0	37.5
5 06C	Layne Christensen/CES	11/18/97	7,291.46 (c)	9.38	-10.62	62.5	na	stick up	2	47.0-62.0	44.9
5-12B	Stewart Brothers/DBS	06/28/90	7,279.61 (b)	-387.48	-89.37	65.0	na	flush mount	2	45.0-65.0	41.4
5-13B	Stewart Brothers/DBS	06/28/90	7,282.43 (b)	-369.35	-261.04	69.4	na	flush mount	2	49.3-69.4	45.0
5-14B	Stewart Brothers/DBS	06/27/90	7,285.76 (b)	-357.23	-441.25	72.3	na	flush mount	2	42.3-72.3	48.4
5-15B	Stewart Brothers/DBS	06/29/90	7,292.92 (b)	-87.47	-344.34	65.6	na	flush mount	2	45.6-65.6	41.5
5-16B	Western Technologies Inc./DBS	07/05/90	7,288.82 (b)	-145.56	-248.38	64.6	65.4	flush mount	2	34.6-64.6	33.5
5-17B	Western Technologies Inc./DBS	07/03/90	7,284.75 (b)	-88.53	-40.96	63.9	64.2	flush mount	2	33.9-63.9	31.2
5-18B	Western Technologies Inc./DBS	07/09/90	7,286.41 (b)	-256.43	-309.06	69.9	na	flush mount	2	49.9-69.9	43.4
5-19B	Western Technologies Inc./DBS	07/10/90	7,290.52 (b)	-157.69	-330.24	63.3	65.05	flush mount	2	43.3-63.3	37.5
5-20B	Western Technologies Inc./DBS	07/11/90	7,284.60 (b)	-261.92	-172.12	64.0	na	flush mount	2	33.9-63.9	28.3
5-22B	Stewart Brothers/DBS	09/13/90	7,292.74 (b)	88.16	-198.69	55.8	54.9	flush mount	2	45.8-55.8	42.2
5-23B	Stewart Brothers/DBS	09/21/90	7,282.63 (b)	-450.52	-315.67	80.1	na	flush mount	2	50.1-80.1	42.7
5-24B	Stewart Brothers/DBS	09/25/90	7,279.18 (b)	-460.67	-211.48	75.5	na	flush mount	2	45.5-75.5	36.5
5-34B	Ward Drilling Co./DBS	03/31/93	7,294.71 (b)	25.97	-306.80	65.7	63.10	flush mount	4	34.0-64.0	33.0
5-35B	Ward Drilling Co./DBS	04/05/92	7,296.11 (b)	37.30	-289.09	70.0	62.21	stick up	4	31.3-61.3	28.4
5-36E	Ward Drilling Co./DBS	04/09/92	7,296.56 (b)	30.28	-287.13	67.5	68.51	stick up	4	47.7-62.3	43.4
5-37I	Ward Drilling Co./DBS	04/16/92	7,296.31 (b)	44.48	-290.76	72.5	61.72	stick up	4	52.1-59.8	51.4
5-41B	Stewart Brothers/DBS	07/24/92	7,279.73 (b)	-603.88	-174.07	77.0	na	flush mount	2	55.0-72.0	53.0
5-47B	Stewart Brothers/DBS	08/04/92	7,268.35 (b)	-862.86	-104.00	80.0	na	abandoned	2	59.5-76.5	57.5

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
Thoreau Compressor Station No. 5

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)	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)
5-48B	Stewart Brothers/DBS	08/05/92	7,292.64 (b)	-34.33	-271.94	63.7	59.68	flush mount	2	43.0-60.0	41.0
5-57B	Stewart Brothers/DBS	03/04/93	7,257.80	-1014.77	-109.30	76.2	na	abandoned	2	60.0-75.0	57.9
5-58B	Stewart Brothers/DBS	03/03/93	7,279.38	-682.60	-340.89	78.1	na	abandoned	2	61.2-76.2	58.9
5-59	Rodgers & Co.	07/27/01	na	na	na	56.0	55.23	stick up	4	41.0-56.0	38.0
5-60	Rodgers & Co.	07/27/01	na	na	na	56.0	57.41	stick up	4	41.0-56.0	38.0
SVE-1	Techna/DBS	03/29/96	7,296.88 (c)	37.08	-356.25	60.0	61.55	flush mount	2	35.0-60.0	33.3
SVE-2	Techna/DBS	03/29/96	7,297.68 (c)	42.46	-409.54	61.0	61.59	flush mount	2	35.0-60.0	33.6
SVE-3	Layne Christensen/CES	11/16/1997	7,293.68 (c)	-21.30	-271.04	65.0	65.54	flush mount	2	44.0 - 64.0	41.9
SVE-4	Layne Christensen/CES	11/16/1997	7,289.83 (c)	-123.39	-243.36	62.5	62.03	flush mount	2	42.0 - 62.0	40.0
AS-1	Techna/DBS	03/29/96	na	46.99	-327.63	60.5	na	flush mount	2	56.0-58.5	54.8
AS-2	Techna/DBS	03/27/96	na	45.70	-302.63	61.0	na	flush mount	2	57.5-60.0	56.5
AS-3	Techna/DBS	03/27/96	na	44.41	-277.63	59.5	na	flush mount	2	57.0-59.5	56.0
AS-4	Techna/DBS	03/27/96	na	43.11	-252.35	60.3	na	flush mount	2	57.8-60.3	55.6
AS-5	Techna/DBS	03/27/96	na	41.82	-227.35	58.0	na	flush mount	2	55.5-58.0	54.1
AS-6	Techna/DBS	03/29/96	7,295.62 (c)	23.02	-341.69	59.0	57.57	flush mount	2	56.5-59.0	55.0
AS-7	Techna/DBS	03/27/96	7,295.72 (c)	21.31	-316.55	60.0	59.29	flush mount	2	57.0-59.5	55.5
AS-8	Techna/DBS	03/27/96	7,294.45 (c)	20.25	-292.07	61.0	62.18	flush mount	2	58.5-61.0	57.2
AS-9	Techna/DBS	03/27/96	7,293.76 (c)	18.29	-266.75	59.8	59.31	flush mount	2	57.1-59.6	54.0
AS-10	Techna/DBS	03/27/96	7,293.90 (c)	16.75	-241.70	60.3	61.31	flush mount	2	57.8-60.3	56.4
AS-11	Techna/DBS	03/27/96	7,293.05 (c)	15.96	-217.21	60.0	60.69	flush mount	2	57.0-59.5	55.4
AS-12	Layne Christensen/CES	11/21/1997	7,295.22 (c)	-5.04	-332.45	64.5	65.93	flush mount	2	62.0 - 64.0	59.0
AS-13	Layne Christensen/CES	11/21/1997	7,294.58 (c)	-6.15	-306.17	68.0	68.37	flush mount	2	65.5 - 67.5	62.0
AS-14	Layne Christensen/CES	11/20/1997	7,293.98 (c)	-7.89	-280.13	64.5	64.46	flush mount	2	62.0 - 64.0	58.0
AS-15	Layne Christensen/CES	11/20/1997	7,293.40 (c)	-8.43	-259.05	64.0	62.82	flush mount	2	61.5 - 63.5	58.0
AS-16	Layne Christensen/CES	11/19/1997	7,293.27 (c)	-11.17	-237.02	65.0	64.96	flush mount	2	62.0 - 64.0	57.0

NOTES:
na - Information not available
(a) Driller/Consultant
(b) Survey done by Bob Martinez 8/92
(c) Survey done by Cypress Engineering 1/98

Table 8. Summary of SVE System Monitoring Results
Thoreau Compressor Station No. 5

SVE Well	Date	PID Reading	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppmv)	(ug/L)	(ppmv) [a]	(%)									
SVE-1	11/22/96	178.9	1,400	403	0.0	0.7	46.7	39.7	4.9	0.1	0.0	0.0	0.0	0.0
	08/21/97	10.4	47	14	0.1	0.2	0.6	4.2	14.8	30.6	23.9	16.6	8.9	0.1
	11/24/97	na	19	5	0.4	0.7	1.2	2.3	10.4	22.6	23.2	27.7	11.1	0.4
	01/07/98	na	130	37	0.0	0.1	0.3	0.8	12.2	30.2	32.2	17.7	6.5	0.0
SVE-3	11/24/97	na	900	259	0.0	3.5	9.2	16.9	25.4	27.9	11.1	5.1	0.9	0.0
	01/07/98	na	720	207	0.1	6.6	12.0	14.5	18.9	19.1	17.7	8.4	2.7	0.0
SVE-4	11/24/97	na	590	170	0.0	2.2	11.8	27.9	30.6	15.8	6.7	4.2	0.8	0.0
	01/07/98	na	710	204	0.1	3.1	9.7	16.5	26.9	19.8	15.5	6.4	2.0	0.0
5-02B	08/21/97	23.3	490	141	1.4	13.5	34.0	41.7	7.1	1.3	0.6	0.4	0.0	0.0
	11/24/97	na	10	3	0.0	5.0	13.1	14.6	15.5	15.2	21.8	11.1	3.7	0.0
	01/07/98	na	250	72	0.1	14.3	37.7	27.6	8.0	2.4	4.4	3.6	1.9	0.0
5-04B	11/22/96	122.3	210	60	0.0	2.0	8.2	35.3	43.0	9.8	1.2	0.3	0.2	0.0
	08/21/97	41.1	530	152	0.0	0.1	1.6	9.0	39.8	38.1	8.2	2.8	0.4	0.0
	11/24/97	na	290	83	0.0	1.9	3.4	8.8	35.2	32.7	11.3	4.9	1.8	0.0
	01/07/98	na	44	13	0.0	0.0	0.2	0.9	8.1	32.1	33.9	17.4	7.4	0.0
5-05B	08/21/97	8.4	44	13	0.1	0.2	0.6	4.2	14.2	31.4	23.9	16.5	8.8	0.1
	11/24/97	na	6.7	2	0.0	0.0	0.6	3.1	19.9	22.9	28.0	15.6	9.6	0.3
	01/07/98	na	69	20	0.0	0.1	0.2	0.4	6.1	21.1	34.9	25.5	11.7	0.0
5-34B	11/22/96	307.0	3,000	863	0.0	6.4	18.3	59.4	14.9	1.0	0.0	0.0	0.0	0.0
	08/21/97	186.0	7,700	2,215	0.2	1.4	6.5	26.6	23.8	26.7	11.3	3.0	0.5	0.0
	11/24/97	na	4,400	1,265	0.0	1.0	4.6	23.5	38.9	24.9	1.8	1.9	1.3	2.1
	01/07/98	na	7,100	2,042	0.1	2.0	5.7	21.5	38.6	22.0	8.3	1.7	0.1	0.0
5-35B	11/22/96	135.8	120	35	0.0	12.9	28.2	32.5	16.7	7.8	1.7	0.2	0.0	0.0
	11/24/97	na	1,600	460	0.0	0.1	1.0	7.1	16.6	28.6	31.6	12.8	2.2	0.0
	01/07/98	na	1,800	518	0.0	0.2	1.0	3.7	26.8	36.3	22.1	8.3	1.6	0.0
Total Flow	08/21/02	na	298	86	0.0	11.1	12.4	22.3	15.7	22.8	10.5	5.0	0.2	0.0
Total Flow	06/19/03	na	381	110	0.0	6.1	16.8	23.7	13.1	17.2	11.7	8.5	2.9	0.0

All air samples analyzed by Hall Laboratory of Albuquerque, NM

PID = Photoionization detector

[a] Conversion Factor:

P = 0.76 atm, MW = 110 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 * 0.2876

Hall Environmental Analysis Laboratory

COVER LETTER

June 16, 2003

George Robinson
Cypress Engineering
10235 W. Little York Suite 256
Houston, TX 77040
TEL: (713) 856-7980
FAX (713) 856-7981

RE: Transwestern PipelineThoreau STA 5 Order No.: 0305183

Dear George Robinson:

Hall Environmental Analysis Laboratory received 23 samples on 5/23/2003 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

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

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-03B
Lab Order: 0305183
Collection Date: 5/20/2003 1:45:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-01
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 12:40:23 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 12:40:23 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 12:40:23 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 12:40:23 PM
Surr: 4-Bromofluorobenzene	93.5	74-118		%REC	1	5/23/2003 12:40:23 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-24B
Lab Order: 0305183
Collection Date: 5/20/2003 6:15:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-02
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 1:13:07 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 1:13:07 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 1:13:07 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 1:13:07 PM
Surr: 4-Bromofluorobenzene	103	74-118		%REC	1	5/23/2003 1:13:07 PM

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT:	Cypress Engineering	**Client Sample ID:**	5-23B
Lab Order:	0305183	**Collection Date:**	5/20/2003 3:40:00 PM
Project:	Transwestern PipelineThoreau STA 5		
Lab ID:	0305183-03	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 1:45:53 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 1:45:53 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 1:45:53 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 1:45:53 PM
Surr: 4-Bromofluorobenzene	100	74-118		%REC	1	5/23/2003 1:45:53 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-12B
Lab Order: 0305183
Collection Date: 5/20/2003 6:40:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-04
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 2:19:28 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 2:19:28 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 2:19:28 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 2:19:28 PM
Surr: 4-Bromofluorobenzene	98.7	74-118		%REC	1	5/23/2003 2:19:28 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-13B
Lab Order: 0305183
Collection Date: 5/20/2003 6:00:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-05
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 2:52:42 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 2:52:42 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 2:52:42 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 2:52:42 PM
Surr: 4-Bromofluorobenzene	101	74-118		%REC	1	5/23/2003 2:52:42 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-14B
Lab Order: 0305183
Collection Date: 5/22/2003 12:15:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-06
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 3:26:02 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 3:26:02 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 3:26:02 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 3:26:02 PM
Surr: 4-Bromofluorobenzene	98.6	74-118		%REC	1	5/23/2003 3:26:02 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT:	Cypress Engineering	**Client Sample ID:**	5-20B
Lab Order:	0305183	**Collection Date:**	5/22/2003 3:05:00 PM
Project:	Transwestern PipelineThoreau STA 5		
Lab ID:	0305183-07	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	1.0	0.50		µg/L	1	5/23/2003 3:59:26 PM
Toluene	0.91	0.50		µg/L	1	5/23/2003 3:59:26 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 3:59:26 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 3:59:26 PM
Surr: 4-Bromofluorobenzene	102	74-118		%REC	1	5/23/2003 3:59:26 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-18B
Lab Order: 0305183
Collection Date: 5/22/2003 2:00:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-08
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.50		µg/L	1	5/23/2003 5:05:33 PM
Toluene	5.9	0.50		µg/L	1	5/23/2003 5:05:33 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 5:05:33 PM
Xylenes, Total	2.5	0.50		µg/L	1	5/23/2003 5:05:33 PM
Surr: 4-Bromofluorobenzene	97.3	74-118		%REC	1	5/23/2003 5:05:33 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-04B
Lab Order: 0305183
Collection Date: 5/21/2003 10:25:00 AM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-09
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.50		µg/L	1	5/23/2003 9:58:32 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 9:58:32 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 9:58:32 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 9:58:32 PM
Surr: 4-Bromofluorobenzene	99.4	74-118		%REC	1	5/23/2003 9:58:32 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: SVE-1
Lab Order: 0305183
Collection Date: 5/22/2003 10:40:00 AM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-10
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.50		µg/L	1	5/24/2003 12:07:07 AM
Toluene	ND	0.50		µg/L	1	5/24/2003 12:07:07 AM
Ethylbenzene	ND	0.50		µg/L	1	5/24/2003 12:07:07 AM
Xylenes, Total	ND	0.50		µg/L	1	5/24/2003 12:07:07 AM
Surr: 4-Bromofluorobenzene	99.0	74-118		%REC	1	5/24/2003 12:07:07 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-05B
Lab Order: 0305183
Collection Date: 5/21/2003 2:05:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-11
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	2.1	0.50		µg/L	1	5/24/2003 1:10:59 AM
Toluene	0.92	0.50		µg/L	1	5/24/2003 1:10:59 AM
Ethylbenzene	1.0	0.50		µg/L	1	5/24/2003 1:10:59 AM
Xylenes, Total	2.6	0.50		µg/L	1	5/24/2003 1:10:59 AM
Surr: 4-Bromofluorobenzene	109	74-118		%REC	1	5/24/2003 1:10:59 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-48B
Lab Order: 0305183
Collection Date: 5/21/2003 2:35:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-12
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	2100	50		µg/L	100	5/24/2003 1:42:44 AM
Toluene	ND	50		µg/L	100	5/24/2003 1:42:44 AM
Ethylbenzene	320	50		µg/L	100	5/24/2003 1:42:44 AM
Xylenes, Total	2700	50		µg/L	100	5/24/2003 1:42:44 AM
Surr: 4-Bromofluorobenzene	105	74-118		%REC	100	5/24/2003 1:42:44 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-60
Lab Order: 0305183
Collection Date: 5/22/2003 9:50:00 AM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-13
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.50		µg/L	1	5/24/2003 2:46:04 AM
Toluene	ND	0.50		µg/L	1	5/24/2003 2:46:04 AM
Ethylbenzene	ND	0.50		µg/L	1	5/24/2003 2:46:04 AM
Xylenes, Total	ND	0.50		µg/L	1	5/24/2003 2:46:04 AM
Surr: 4-Bromofluorobenzene	98.8	74-118		%REC	1	5/24/2003 2:46:04 AM
EPA METHOD 8082: PCB'S						Analyst: **GT**
Aroclor 1016/Aroclor 1221	ND	1.0		µg/L	1	6/5/2003 10:31:27 PM
Aroclor 1232	ND	1.0		µg/L	1	6/5/2003 10:31:27 PM
Aroclor 1242	ND	1.0		µg/L	1	6/5/2003 10:31:27 PM
Aroclor 1248	ND	1.0		µg/L	1	6/5/2003 10:31:27 PM
Aroclor 1254	ND	1.0		µg/L	1	6/5/2003 10:31:27 PM
Aroclor 1260	ND	1.0		µg/L	1	6/5/2003 10:31:27 PM
Surr: Decachlorobiphenyl	79.4	76-111		%REC	1	6/5/2003 10:31:27 PM
Surr: Tetrachloro-m-xylene	57.0	47-94		%REC	1	6/5/2003 10:31:27 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-01C
Lab Order: 0305183
Collection Date: 5/21/2003 3:40:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-14
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.50		µg/L	1	5/24/2003 3:49:17 AM
Toluene	ND	0.50		µg/L	1	5/24/2003 3:49:17 AM
Ethylbenzene	ND	0.50		µg/L	1	5/24/2003 3:49:17 AM
Xylenes, Total	ND	0.50		µg/L	1	5/24/2003 3:49:17 AM
Surr: 4-Bromofluorobenzene	97.0	74-118		%REC	1	5/24/2003 3:49:17 AM
EPA METHOD 8082: PCB'S						Analyst: **GT**
Aroclor 1016/Aroclor 1221	2.6	1.0		µg/L	1	6/6/2003 9:01:39 PM
Aroclor 1232	ND	1.0		µg/L	1	6/6/2003 9:01:39 PM
Aroclor 1242	ND	1.0		µg/L	1	6/6/2003 9:01:39 PM
Aroclor 1248	ND	1.0		µg/L	1	6/6/2003 9:01:39 PM
Aroclor 1254	ND	1.0		µg/L	1	6/6/2003 9:01:39 PM
Aroclor 1260	ND	1.0		µg/L	1	6/6/2003 9:01:39 PM
Surr: Decachlorobiphenyl	95.0	76-111		%REC	1	6/6/2003 9:01:39 PM
Surr: Tetrachloro-m-xylene	73.2	47-94		%REC	1	6/6/2003 9:01:39 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-66
Lab Order: 0305183
Collection Date: 5/21/2003 10:45:00 AM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-15
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8082: PCB'S						Analyst: **GT**
Aroclor 1016/Aroclor 1221	14	1.0		µg/L	1	6/6/2003 9:48:04 PM
Aroclor 1232	ND	1.0		µg/L	1	6/6/2003 9:48:04 PM
Aroclor 1242	ND	1.0		µg/L	1	6/6/2003 9:48:04 PM
Aroclor 1248	ND	1.0		µg/L	1	6/6/2003 9:48:04 PM
Aroclor 1254	ND	1.0		µg/L	1	6/6/2003 9:48:04 PM
Aroclor 1260	ND	1.0		µg/L	1	6/6/2003 9:48:04 PM
Surr: Decachlorobiphenyl	94.6	76-111		%REC	1	6/6/2003 9:48:04 PM
Surr: Tetrachloro-m-xylene	79.0	47-94		%REC	1	6/6/2003 9:48:04 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-59
Lab Order: 0305183
Collection Date: 5/21/2003 4:50:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-16
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/24/2003 4:21:00 AM
Toluene	ND	0.50		µg/L	1	5/24/2003 4:21:00 AM
Ethylbenzene	ND	0.50		µg/L	1	5/24/2003 4:21:00 AM
Xylenes, Total	ND	0.50		µg/L	1	5/24/2003 4:21:00 AM
Surr: 4-Bromofluorobenzene	100	74-118		%REC	1	5/24/2003 4:21:00 AM
EPA METHOD 8082: PCB'S						Analyst: GT
Aroclor 1016/Aroclor 1221	14	1.0		µg/L	1	6/6/2003 10:34:12 PM
Aroclor 1232	ND	1.0		µg/L	1	6/6/2003 10:34:12 PM
Aroclor 1242	ND	1.0		µg/L	1	6/6/2003 10:34:12 PM
Aroclor 1248	ND	1.0		µg/L	1	6/6/2003 10:34:12 PM
Aroclor 1254	ND	1.0		µg/L	1	6/6/2003 10:34:12 PM
Aroclor 1260	ND	1.0		µg/L	1	6/6/2003 10:34:12 PM
Surr: Decachlorobiphenyl	99.0	76-111		%REC	1	6/6/2003 10:34:12 PM
Surr: Tetrachloro-m-xylene	77.4	47-94		%REC	1	6/6/2003 10:34:12 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-06C
Lab Order: 0305183
Collection Date: 5/21/2003 5:50:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-17
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 5:21:18 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 5:21:18 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 5:21:18 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 5:21:18 PM
Surr: 4-Bromofluorobenzene	97.6	74-118		%REC	1	5/23/2003 5:21:18 PM
EPA METHOD 8082: PCB'S						Analyst: GT
Aroclor 1016/Aroclor 1221	5.8	1.0		µg/L	1	6/6/2003 11:20:20 PM
Aroclor 1232	ND	1.0		µg/L	1	6/6/2003 11:20:20 PM
Aroclor 1242	ND	1.0		µg/L	1	6/6/2003 11:20:20 PM
Aroclor 1248	ND	1.0		µg/L	1	6/6/2003 11:20:20 PM
Aroclor 1254	ND	1.0		µg/L	1	6/6/2003 11:20:20 PM
Aroclor 1260	ND	1.0		µg/L	1	6/6/2003 11:20:20 PM
Surr: Decachlorobiphenyl	90.6	76-111		%REC	1	6/6/2003 11:20:20 PM
Surr: Tetrachloro-m-xylene	66.0	47-94		%REC	1	6/6/2003 11:20:20 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-17B
Lab Order: 0305183
Collection Date: 5/22/2003 11:20:00 AM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-18
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.50		µg/L	1	5/23/2003 5:53:56 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 5:53:56 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 5:53:56 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 5:53:56 PM
Surr: 4-Bromofluorobenzene	98.2	74-118		%REC	1	5/23/2003 5:53:56 PM
EPA METHOD 8082: PCB'S						Analyst: **GT**
Aroclor 1016	ND	1.0		µg/L	1	6/7/2003 12:06:42 AM
Aroclor 1221	ND	5.0		µg/L	1	6/7/2003 12:06:42 AM
Aroclor 1232	ND	1.0		µg/L	1	6/7/2003 12:06:42 AM
Aroclor 1242	ND	1.0		µg/L	1	6/7/2003 12:06:42 AM
Aroclor 1248	ND	1.0		µg/L	1	6/7/2003 12:06:42 AM
Aroclor 1254	ND	1.0		µg/L	1	6/7/2003 12:06:42 AM
Aroclor 1260	ND	1.0		µg/L	1	6/7/2003 12:06:42 AM
Surr: Decachlorobiphenyl	90.6	76-111		%REC	1	6/7/2003 12:06:42 AM
Surr: Tetrachloro-m-xylene	64.6	47-94		%REC	1	6/7/2003 12:06:42 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-15B
Lab Order: 0305183
Collection Date: 5/22/2003 3:20:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-19
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 6:26:33 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 6:26:33 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 6:26:33 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 6:26:33 PM
Surr: 4-Bromofluorobenzene	100	74-118		%REC	1	5/23/2003 6:26:33 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT:	Cypress Engineering	**Client Sample ID:**	5-19B
Lab Order:	0305183	**Collection Date:**	5/22/2003 1:20:00 PM
Project:	Transwestern PipelineThoreau STA 5		
Lab ID:	0305183-20	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	5/23/2003 6:58:58 PM
Toluene	ND	0.50		µg/L	1	5/23/2003 6:58:58 PM
Ethylbenzene	ND	0.50		µg/L	1	5/23/2003 6:58:58 PM
Xylenes, Total	ND	0.50		µg/L	1	5/23/2003 6:58:58 PM
Surr: 4-Bromofluorobenzene	101	74-118		%REC	1	5/23/2003 6:58:58 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT:	Cypress Engineering	**Client Sample ID:**	5-16B
Lab Order:	0305183	**Collection Date:**	5/22/2003 4:50:00 PM
Project:	Transwestern PipelineThoreau STA 5		
Lab ID:	0305183-21	**Matrix:**	AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	1300	25		µg/L	50	5/23/2003 7:31:15 PM
Toluene	130	25		µg/L	50	5/23/2003 7:31:15 PM
Ethylbenzene	180	25		µg/L	50	5/23/2003 7:31:15 PM
Xylenes, Total	950	25		µg/L	50	5/23/2003 7:31:15 PM
Surr: 4-Bromofluorobenzene	100	74-118		%REC	50	5/23/2003 7:31:15 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-67
Lab Order: 0305183
Collection Date: 5/22/2003 9:35:00 AM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-22
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	290	10		µg/L	20	5/23/2003 8:03:28 PM
Toluene	ND	10		µg/L	20	5/23/2003 8:03:28 PM
Ethylbenzene	190	10		µg/L	20	5/23/2003 8:03:28 PM
Xylenes, Total	780	10		µg/L	20	5/23/2003 8:03:28 PM
Surr: 4-Bromofluorobenzene	101	74-118		%REC	20	5/23/2003 8:03:28 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: 5-02C
Lab Order: 0305183
Collection Date: 5/22/2003 4:25:00 PM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0305183-23
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	290	10		µg/L	20	5/23/2003 8:35:33 PM
Toluene	ND	10		µg/L	20	5/23/2003 8:35:33 PM
Ethylbenzene	200	10		µg/L	20	5/23/2003 8:35:33 PM
Xylenes, Total	800	10		µg/L	20	5/23/2003 8:35:33 PM
Surr: 4-Bromofluorobenzene	101	74-118		%REC	20	5/23/2003 8:35:33 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Work Order: 0305183
Project: Transwestern PipelineThoreau STA 5

QC SUMMARY REPORT
Method Blank

Sample ID **Reagent Blank 5m** Batch ID: **R8365** Test Code: **SW8021** Units: **µg/L** Analysis Date **5/23/2003 10:18:22 AM** Prep Date

Client ID: Run ID: **PIDHALL_030523A** SeqNo: **189506**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	2.5									
Benzene	ND	0.50									
Toluene	ND	0.50									
Ethylbenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,2-Dichloroethane	ND	0.20									
Xylenes, Total	ND	0.50									
Surr: 4-Bromofluorobenzene	19.6	0	20	0	98.0	74	118	0			
Surr: Bromochloromethane	21.6	0	20	0	108	75.2	130	0			

Sample ID **Reagent Blank 5m** Batch ID: **R8365** Test Code: **SW8021** Units: **µg/L** Analysis Date **5/23/2003 10:18:22 AM** Prep Date

Client ID: Run ID: **PIDHALL_030523A** SeqNo: **189525**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.50									
Toluene	ND	0.50									
Ethylbenzene	ND	0.50									
Xylenes, Total	ND	0.50									
Surr: 4-Bromofluorobenzene	19.6	0	20	0	98.0	74	118	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1

CLIENT: Cypress Engineering
Work Order: 0305183
Project: Transwestern PipelineThoreau STA 5

QC SUMMARY REPORT
Method Blank

Sample ID **Reagent Blank 5m** Batch ID: **R8366** Test Code: **SW8021** Units: **µg/L** Analysis Date **5/23/2003 10:47:44 AM** Prep Date

Client ID: Run ID: **PIDFID_030523A** SeqNo: **189538**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.50									
Toluene	ND	0.50									
Ethylbenzene	ND	0.50									
Xylenes, Total	ND	0.50									
Surr: 4-Bromofluorobenzene	19.91	0	20	0	99.6	74	118	0			

Sample ID **MB-3661** Batch ID: **3661** Test Code: **SW8080A** Units: **µg/L** Analysis Date **6/5/2003 8:12:45 PM** Prep Date **5/27/2003**

Client ID: Run ID: **ECD(17A)_030605A** SeqNo: **191593**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0									
Aroclor 1221	ND	5.0									
Aroclor 1232	ND	1.0									
Aroclor 1242	ND	1.0									
Aroclor 1248	ND	1.0									
Aroclor 1254	ND	1.0									
Aroclor 1260	ND	1.0									
Surr: Decachlorobiphenyl	3.67	0	5	0	73.4	76	111	0			S
Surr: Tetrachloro-m-xylene	3.34	0	5	0	66.8	47	94	0			

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Work Order: 0305183
Project: Transwestern PipelineThoreau STA 5

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **0305183-01aMS** Batch ID: **R8366** Test Code: **SW8021** Units: **µg/L** Analysis Date **5/23/2003 7:16:40 PM** Prep Date

Client ID: **5-03B** Run ID: **PIDFID_030523A** SeqNo: **189554**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.68	0.50	20	0	103	77	122	0			
Toluene	20.18	0.50	20	0	101	81	115	0			
Ethylbenzene	20.24	0.50	20	0	101	84	117	0			
Xylenes, Total	61.2	0.50	60	0	102	84	116	0			

Sample ID **0305183-01aMSD** Batch ID: **R8366** Test Code: **SW8021** Units: **µg/L** Analysis Date **5/23/2003 8:21:37 PM** Prep Date

Client ID: **5-03B** Run ID: **PIDFID_030523A** SeqNo: **189555**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	21.14	0.50	20	0	106	77	122	20.68	2.20	27	
Toluene	20.66	0.50	20	0	103	81	115	20.18	2.32	19	
Ethylbenzene	20.66	0.50	20	0	103	84	117	20.24	2.04	10	
Xylenes, Total	62.04	0.50	60	0	103	84	116	61.2	1.35	13	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1

Hall Environmental Analysis Laboratory

Date: *16-Jun-03*

CLIENT: Cypress Engineering
Work Order: 0305183
Project: Transwestern PipelineThoreau STA 5

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID BTEX Std 100ng	Batch ID: R8365	Test Code: SW8021	Units: µg/L	Analysis Date 5/23/2003 4:48:33 PM	Prep Date
Client ID:		Run ID: PIDHALL_030523A		SeqNo: 189536	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	19.79	0.50	20	0	99.0	81.3	121	0			
Toluene	20.91	0.50	20	0	105	84.9	118	0			
Ethylbenzene	21.79	0.50	20	0	109	53.8	149	0			
Xylenes, Total	57.14	0.50	60	0	95.2	83.1	122	0			

Sample ID BTEX Std 100ng	Batch ID: R8365	Test Code: SW8021	Units: µg/L	Analysis Date 5/23/2003 9:07:33 PM	Prep Date
Client ID:		Run ID: PIDHALL_030523A		SeqNo: 189537	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.28	0.50	20	0	101	81.3	121	19.79	2.44	27	
Toluene	20.8	0.50	20	0	104	84.9	118	20.91	0.496	19	
Ethylbenzene	21.42	0.50	20	0	107	53.8	149	21.79	1.71	10	
Xylenes, Total	57.57	0.50	60	0	96.0	83.1	122	57.14	0.758	13	

Sample ID LCS-3661	Batch ID: 3661	Test Code: SW8080A	Units: µg/L	Analysis Date 6/5/2003 8:58:55 PM	Prep Date 5/27/2003
Client ID:		Run ID: ECD(17A)_030605A		SeqNo: 191594	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.66	1.0	5	0	73.2	27.4	132	0			
Aroclor 1260	5.218	1.0	5	0	104	52.1	148	0			

Sample ID LCSD-3661	Batch ID: 3661	Test Code: SW8080A	Units: µg/L	Analysis Date 6/5/2003 9:45:20 PM	Prep Date 5/27/2003
Client ID:		Run ID: ECD(17A)_030605A		SeqNo: 191595	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.846	1.0	5	0	76.9	27.4	132	3.66	4.96	45.7	
Aroclor 1260	4.714	1.0	5	0	94.3	52.1	148	5.218	10.1	30	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1

Hg 1 of 1

CHAIN-OF-CUSTODY RECORD

Accreditation Applied: NELAC ☐ USACE ☐
Other:

Client: CYPRESS ENGINEERING
Address: 10235 WEST LITTLE YORK STE 256 HOUSTON, TX 77040
Phone #: 713.345.1537
Fax #: 713.466.7867

Project Name: TRANSWESTERN PIPELINE CO. THOREAU STA
Project #: TWP THOREAU
Project Manager: GEORGE ROBINSON
Sampler: SANDY SHAFF
Sample Temperature: 3°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative H_2Cl_2	Preservative HNO_3	HEAL No.	BTEX → MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B MOD (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Cations (Na, K, Ca, Mg)	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260 (VOA)	8270 (Semi-VOA)				Air Bubbles or Headspace (Y or N)
5/20/03	1345	W	5-03B	2/40ml	X		0305183-1	X																
5/20/03	1915	W	5-24B	"	"		-2	"																
5/20/03	1540	W	5-23B	"	"		-3	"																
5/20/03	1940	W	5-12B	"	"		-4	"																
5/20/03	1800	W	5-13B	"	"		-5	"																
5/22/03	1215	W	5-14B	"	"		-6	"																
"	1505	W	5-20B	"	"		-7	"																
"	1400	W	5-18B	"	"		-8	"																
5/21/03	1025	W	5-04B	"	"		-9	"																
5/22/03	1040	W	SVE-1	"	"		-10	"																
5/21/03	1405	W	5-05B	"	"		-11	"																
5/21/03	1435	W	5-48B	"	"		-12	"																

Remarks:

Date	Time	Relinquished By: (Signature)	Remarks:
5-23-03	0900		5/23/03
Date:	Time:	Relinquished By: (Signature)	Remarks:

CHAIN-OF-CUSTODY RECORD

Accreditation Applied:
NELAC ☐ USACE ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: CYPRESS ENGINEERING

Address: 10235 WEST LITTLE YORK STE 254 HOUSTON, TX 77040

Phone #: 713.345.1537

Fax #: 713.646.7867

Project Name: TRANSWESTERN PIPELINE CO THOREAU STA.

Project #: TNP THOREAU

Project Manager: GEORGE ROBINSON

Sampler: SANDY SLAUGHTER

Sample Temperature: 3°C

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative H_gCl_2	Preservative HNO_3	Preservative NT	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B MOD (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Cations (Na, K, Ca, Mg)	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260 (VOA)	8270 (Semi-VOA)	8082 PCB's			Air Bubbles or Headspace (Y or N)
5/22/03	0950	W	5-60	2/40ml 1/1L	X		X	0305183-13	X													X			
5/21/03	1540	W	5-01C	1 1	X		X	-14	X													X			
5/21/03	1045	W	5-66	1/1L			X	-15														X			
5/21/03	1650	W	5-59	2/40ml 1/1L	X		X	-16	X													X			
5/21/03	1750	W	5-06C	2/40ml 1/1L	X		X	-17	X													X			
5/22/03	1120	W	5-17B	2/40ml 1/1L	X		X	-18	X													X			
5/22/03	1520	W	5-15B	2/40ml	X			-19	X																
5/22/03	1320	W	5-19B	2/40ml	X			-20	X																
5/22/03	1650	W	5-16B	2/40ml	X			-21	X																
5/22/03	0935	W	5-67	2/40ml	X			-22	X																
5/22/03	1625	W	5-02C	2/40ml	X			-23	X																

Date: 5/23/03 Time: 0900 Relinquished By: (Signature) Received By: (Signature) Remarks: 5/24/03

Date: Time: Relinquished By: (Signature) Received By: (Signature) Remarks:

Remarks:

Hall Environmental Analysis Laboratory

COVER LETTER

June 24, 2003

George Robinson
Cypress Engineering
10235 W. Little York Suite 256
Houston, TX 77040
TEL: (713) 856-7980
FAX (713) 856-7981

RE: Transwestern PipelineThoreau STA 5 Order No.: 0306127

Dear George Robinson:

Hall Environmental Analysis Laboratory received 1 sample on 6/19/2003 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

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

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

Hall Environmental Analysis Laboratory

Date: *24-Jun-03*

CLIENT: Cypress Engineering
Project: Transwestern PipelineThoreau STA 5
Lab Order: 0306127

CASE NARRATIVE

Surrogate recovery elevated due to matrix interferences and sample dilution.

Hall Environmental Analysis Laboratory

Date: *24-Jun-03*

CLIENT: Cypress Engineering
Client Sample ID: SVE-1
Lab Order: 0306127
Collection Date: 6/19/2003 8:18:00 AM
Project: Transwestern PipelineThoreau STA 5
Lab ID: 0306127-01
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	381	25.0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: <C5	ND	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C05-C6	6.10	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C06-C7	16.8	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C07-C8	23.7	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C08-C9	13.1	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C09-C10	17.2	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C10-C11	11.7	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C11-C12	8.50	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C12-C14	2.90	0		µg/L	5	6/19/2003 11:50:15 AM
% GRO Hydrocarbons: C14+	ND	0		µg/L	5	6/19/2003 11:50:15 AM
Surr: BFB	162	74-118	S	%REC	5	6/19/2003 11:50:15 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: *24-Jun-03*

CLIENT: Cypress Engineering
Work Order: 0306127
Project: Transwestern PipelineThoreau STA 5

QC SUMMARY REPORT

Method Blank

Sample ID Reagent Blank 5m Batch ID: R8618 Test Code: SW8015 Units: mg/L Analysis Date 6/19/2003 9:18:38 AM Prep Date
Client ID: Run ID: PIDFID_030619A SeqNo: 194660

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	0.050									
Surr: BFB	17.92	0	20	0	89.6	74.5	115	0			

Sample ID Reagent Blank 5m Batch ID: R8618 Test Code: SW8021 Units: µg/L Analysis Date 6/19/2003 9:18:38 AM Prep Date
Client ID: Run ID: PIDFID_030619A SeqNo: 194659

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	2.5									
Benzene	ND	0.50									
Toluene	ND	0.50									
Ethylbenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
Xylenes, Total	ND	0.50									
Surr: 4-Bromofluorobenzene	19.87	0	20	0	99.3	74	118	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: *24-Jun-03*

CLIENT: Cypress Engineering
Work Order: 0306127
Project: Transwestern PipelineThoreau STA 5

QC SUMMARY REPORT

Sample Duplicate

Sample ID **0306127-01a** Batch ID: **R8618** Test Code: **SW8015** Units: **µg/L** Analysis Date **6/19/2003 1:51:25 PM** Prep Date

Client ID: **SVE-1** Run ID: **PIDFID_030619A** SeqNo: **194662**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	393.1	25	0	0	0	0	0	380.9	3.15	27.8	
Surr: BFB	16830	0	10000	0	168	74	118	16210	3.76	0	S

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: *24-Jun-03*

CLIENT: Cypress Engineering
Work Order: 0306127
Project: Transwestern PipelineThoreau STA 5

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **GRO Std 2.5ug** Batch ID: **R8618** Test Code: **SW8015** Units: **mg/L** Analysis Date **6/19/2003 2:23:51 PM** Prep Date

Client ID: Run ID: **PIDFID_030619A** SeqNo: **194663**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	0.503	0.050	0.5	0	101	80.3	116	0			

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

1

CHAIN-OF-CUSTODY RECORD

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: Tetra Tech EMI

Address: 6121 Indian School Rd
Ste. 2Ø5
Albuquerque, NM 8711Ø

Phone #: 5Ø5-881-3188

Fax #: 5Ø5-881-

Accreditation Applied: NELAC ☐ USACE ☐

Other: ______

Project Name: Thoreau

Project #: P2Ø22.Ø2

Project Manager: Bob Marley

Sampler: Natalie Smith

Sample Temperature:

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative H_gCl_2	Preservative HNO_3	Preservative	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B MOD (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Cations (Na, K, Ca, Mg)	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260 (VOA)	8270 (Semi-VOA)	8Ø15B - TPH-Gro			Air Bubbles or Headspace (Y or N)
6/19/03	0818	Air	SVE-1	1 Liter	—	—	—	0306127	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	

Date:	Time:	Relinquished By: (Signature)	Remarks:
6/19/03	1022	[signature]	[signature] 6/19/03 1022
Date:	Time:	Relinquished By: (Signature)	Remarks:

Remarks: per B. Marley make client, bill, + send report to Cypress, send [illegible] copy of report to B.M. Provide HKR

Elevation 7,360 ft
6/20/03
Temp - 59.7° F

Cypress Engineering

10235 West Little York Road, Suite 256
Houston, Texas 77040
(713) 856-7980 office
(713) 856-7981 fax

December 23, 2002

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Report of Groundwater Remediation Activities
Transwestern Pipeline Company
Thoreau Compressor Station
McKinley County, New Mexico

Dear Bill,

The enclosed Report of Groundwater Remediation Activities is submitted for your review and files. This report presents a summary of groundwater monitoring and remediation activities completed since the last report of remediation activities.

If you have any questions or comments regarding this report, please contact me at (713) 345-1537 or Bill Kendrick at (713) 646-7644.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment:

Tom Morris	NNEPA
Denny Foust	NMOCD Aztec District Office
Bill Kendrick	ENRON Environmental Affairs
Larry Campbell	Transwestern Pipeline Company

REPORT OF GROUNDWATER REMEDIATION ACTIVITIES AT THE THOREAU COMPRESSOR STATION

Prepared for:
Transwestern Pipeline Company

Prepared by:
Cypress Engineering Services, Inc.
10235 West Little York Road, Suite 256
Houston, TX 77040

December 20, 2002

TABLE OF CONTENTS

LIST OF FIGURES

Figure

LIST OF TABLES

Table

LIST OF APPENDICES

1. Installation of Additional Monitor Wells

1.1 Installation of Two Groundwater Monitor Wells

Two monitoring wells were installed in July 2001 at the Thoreau Compressor Station. The location of these wells is indicated on Figure 2 as 5-59 and 5-60. The monitoring wells were installed to further evaluate the potential presence of PCB contamination in the southeast corner of the site. A summary of completion details for monitoring wells can be found in Table 7. In addition, soil boring logs are included in the appendices of this report.

Soil samples were collected from each soil boring and delivered to a laboratory for analysis by EPA Method 8260 for benzene, toluene, ethylbenzene, and xylenes (BTEX), TPH by EPA Method 8015 Mod., and PCB by EPA Method 8082. A summary of the analytical results is presented in Table 8. A copy of the laboratory results is included in the appendices of this report.

2. Groundwater Monitoring Activities

2.1 Semi-Annual Groundwater Sampling Events

Six semi-annual sampling events were completed since the last report of remediation activities. These events were completed on May 2000, November 2000, May 2001, November 2001, April 2002, and October 2002.

Prior to sampling, the depth to water, and the depth to hydrocarbon where phase-separated hydrocarbon (PSH) was present, was determined for each monitoring well. The measured depth to water and the corresponding water table elevation for each monitoring well are presented in Table 1.

In the course of each sample event, groundwater samples were collected from selected monitoring wells at the site. Groundwater samples were delivered to a laboratory for analysis by EPA Method 8021B or EPA Method 8260 for benzene, toluene, ethylbenzene, and xylenes (BTEX), and PCB by EPA Method 8082 in accordance with the sampling analysis plan (see Table 6). 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 2. An updated summary of analytical results for BTEX and PCB compounds is presented in Tables 3 and 4, respectively. An updated summary of the quality assurance program results is presented in Table 5.

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 April 2002 sampling event is included as Figure 3. The apparent direction of groundwater flow is consistent with water table elevation maps previously developed for this site.

2.2.2 Lateral Extent of Phase Separated Hydrocarbon

The lateral extent of PSH is currently defined by the occurrence of PSH at the water table in wells 5-02B (sheen measured 10/30/02) and 5-34B (1.16 ft measured 10/30/02), and the absence of PSH in all other wells. The two wells with a measurable accumulation of PSH are located on-site, near the original release area. The presence of PSH in these wells is more likely associated with the preferential accumulation of PSH in wells connected to the soil vapor extraction system and is not likely indicative of PSH present at the water table outside of the immediate vicinity of the well casing.

2.2.3 Condition of Affected Groundwater

The primary constituents of concern are benzene and PCBs. The distribution of benzene in the groundwater is presented in Figure 4. In general, the concentration of benzene in groundwater has shown a downward trend across the site with the exception of wells located near to other wells connected to the SVE system.

The detection of low concentrations of PCBs has continued for samples collected from monitoring wells 5-1C and 5-6C. It is suspected that the detection of PCBs in groundwater samples from these two wells is a result of minor amounts of PCBs contained in near surface soil, which were inadvertently carried down the soil borings in the course of monitoring well installation. Monitor wells 5-59 and 5-60 are located in the immediate vicinity of 5-1C and 5-6C. There have been four sampling events since the installation of these wells, however, monitor well 5-60 did not produce water during the initial sampling. Low concentrations of PCBs have been detected in groundwater samples collected from monitor well 5-59 while PCBs have not been detected in samples from monitor well 5-60. PCBs were not detected in any of the soil samples collected during the installation of wells 5-59 and 5-60.

Copies of the laboratory reports for the semi-annual groundwater sampling events are included in the appendix to this report.

3. Status of Remediation Activities

3.1 Remediation Activities Completed through December 2002

The following remediation activities have been completed since the last report of groundwater remediation activities:

1) Operation of the SVE system is limited to the warmer weather months. Condensed water collecting in the SVE conveyance lines during cold weather made the system ineffective, therefore, the system is shut-down in late October each year. The SVE system is scheduled to restart in May 2003.

2) The groundwater recovery system was shut-down in October 2000 due to a low recovery rate. The low recovery rate was primarily due to low perched water levels. At the present time, the recovery system is not scheduled to be re-activated.

3) The air sparge system was shut-down in October 2000 due to ineffective operation. The system became ineffective primarily due to low perched water levels. At the present time, the air sparge system is not scheduled to be re-activated.

3.2 Remediation Activities Planned for January 2003 through December 2003

The SVE system is scheduled to operate from May 2003 through October 2003.

4. Proposed Modifications

4.1 Proposed Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan will continue on a semi-annual basis (see Table 6 for details). Additional wells may be sampled in order to more fully evaluate the effectiveness of remediation activities.

4.2 Proposed Modifications to the Remediation System

4.2.1 Physical Modifications to the System

No physical modifications to the remediation system are currently proposed.

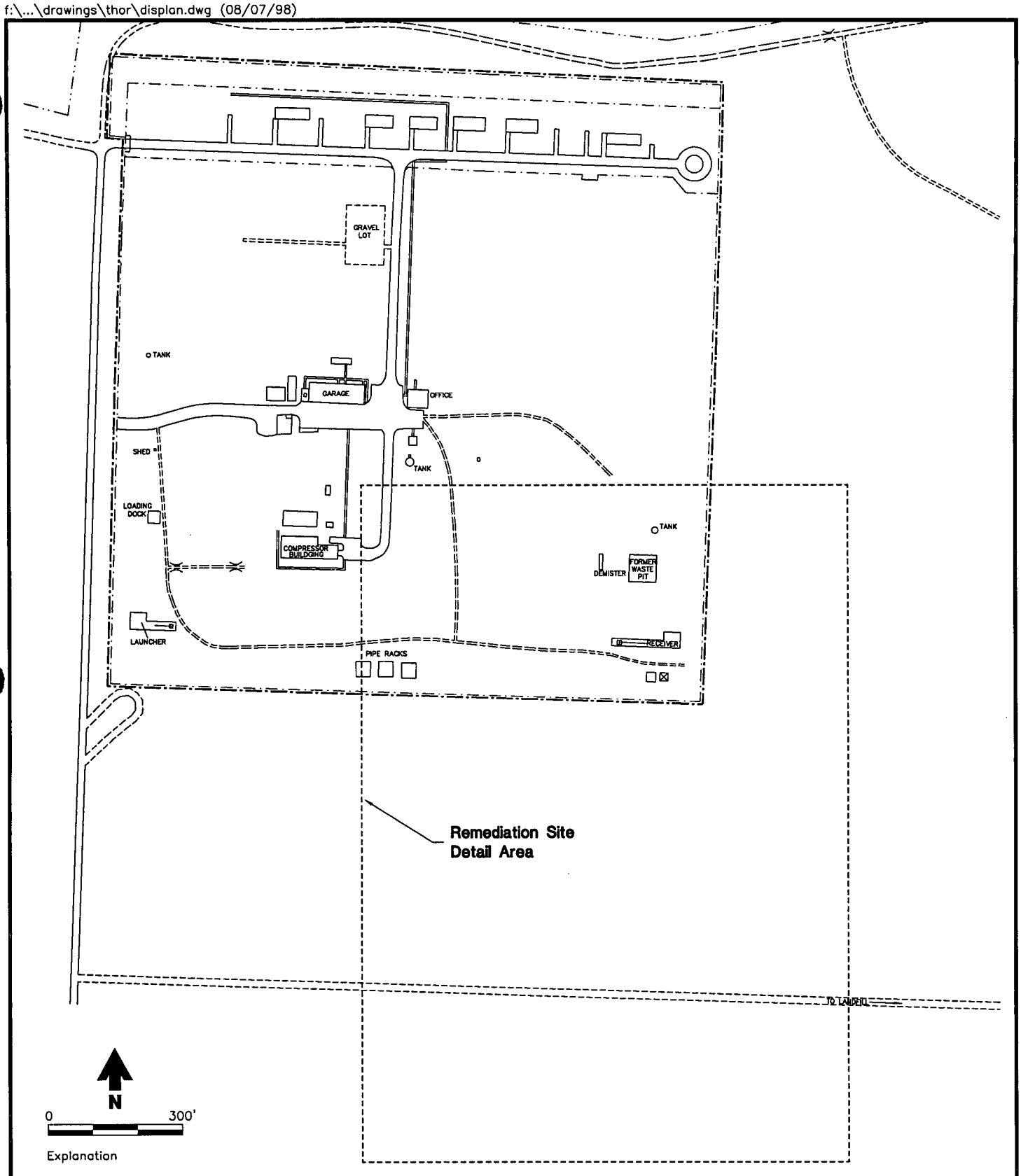
4.2.2 Operational Modifications to the System

There are no proposed operational modifications to the remediation system at this time.

4.3 Proposed Reporting Frequency

Annual reporting will continue with the next scheduled report prepared by July, 2003.

f:\...\drawings\thor\displan.dwg (08/07/98)



Thoreau Compressor Station

Site Map

CYPRESS ENGINEERING SERVICES, INC.

Figure 1

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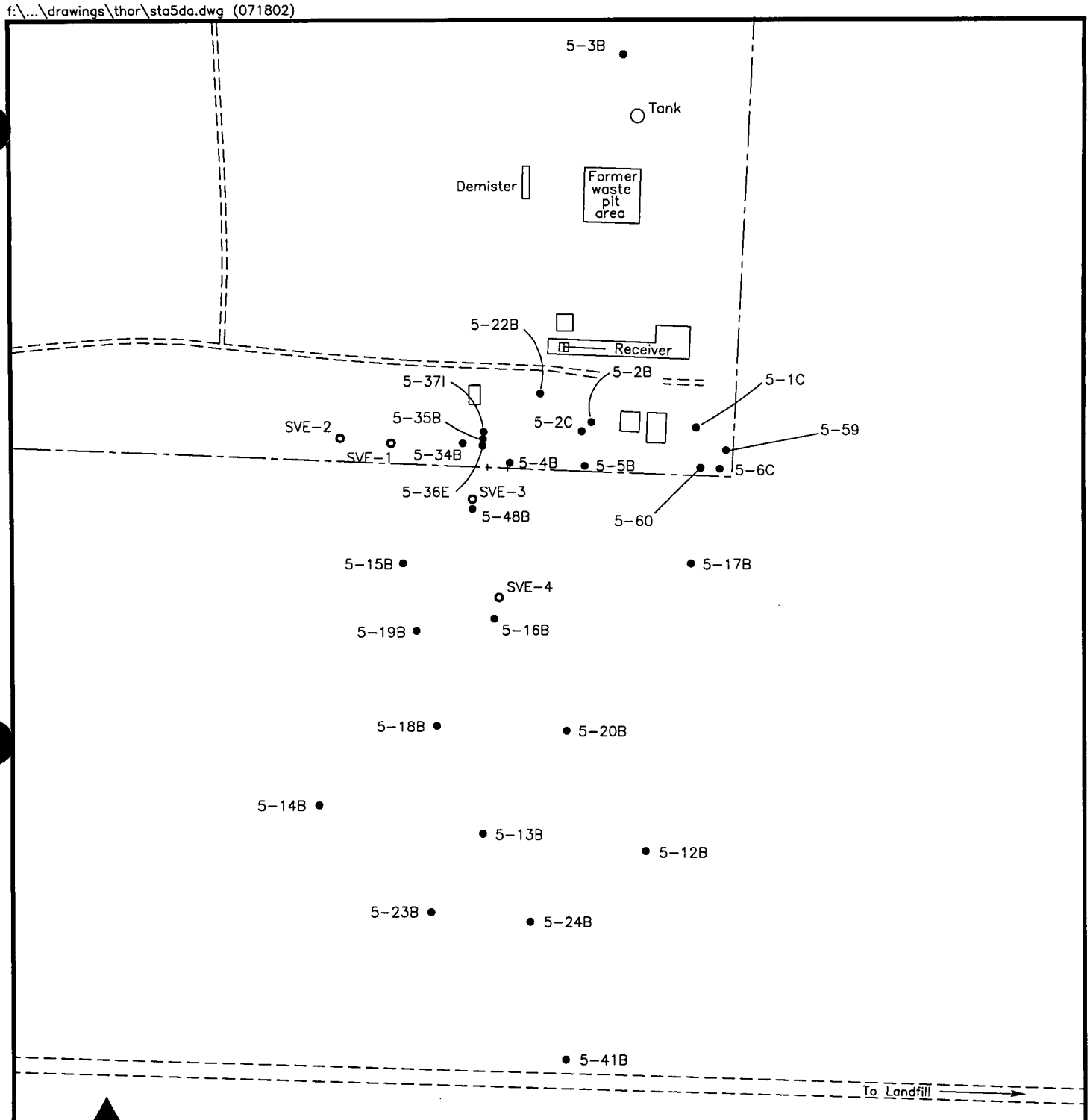

Explanation

- Monitor well
- Soil vapor extraction well
- Compressor station boundary

THOREAU COMPRESSOR STATION

Monitor Well & SVE Well Locations

CYPRESS ENGINEERING SERVICES, INC.

Figure 2

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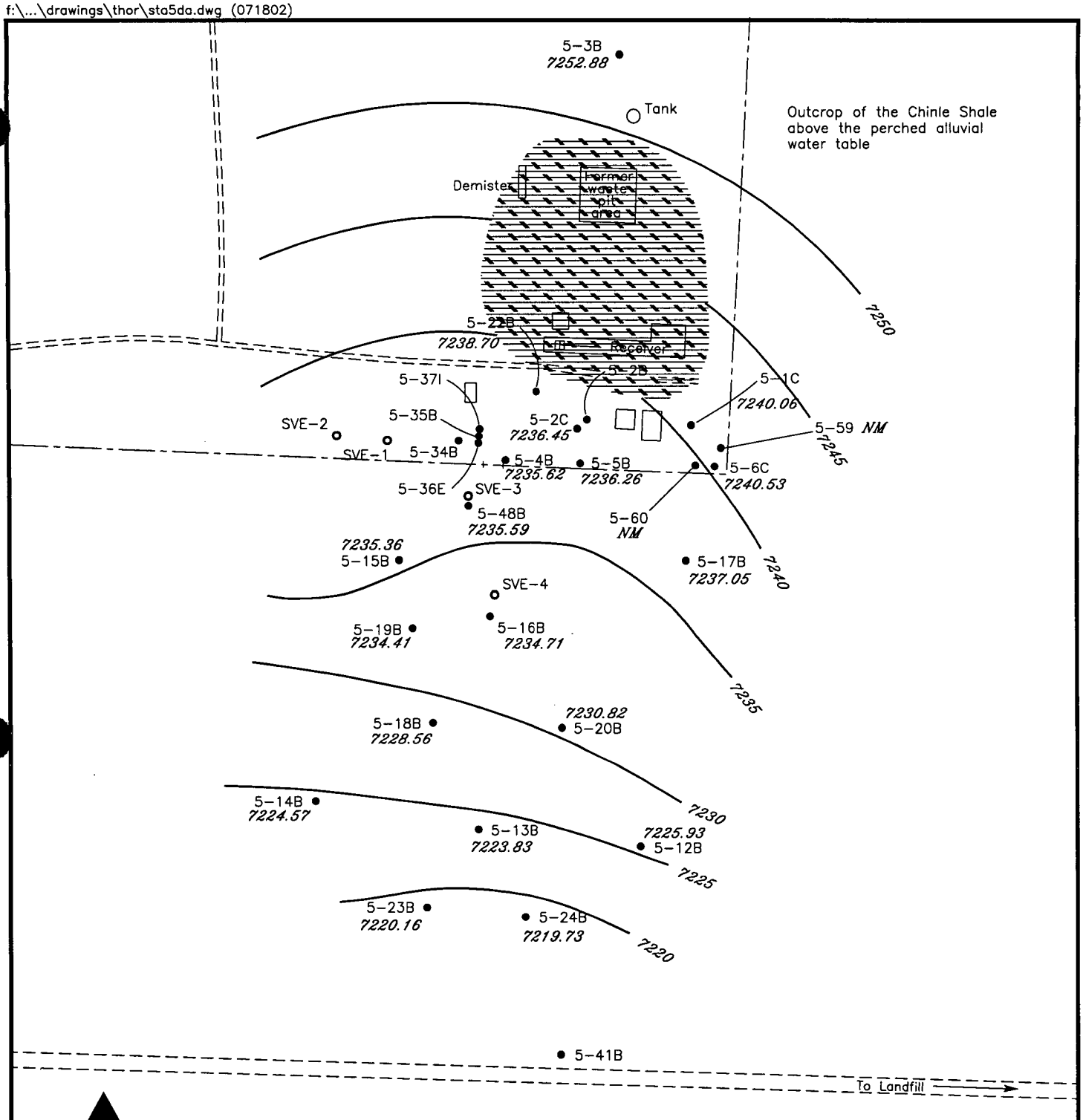

THOREAU COMPRESSOR STATION

Ground Water Surface Elevation
In the Perched Alluvial Aquifer
April 2002

CYPRESS ENGINEERING SERVICES, INC.

Figure 3

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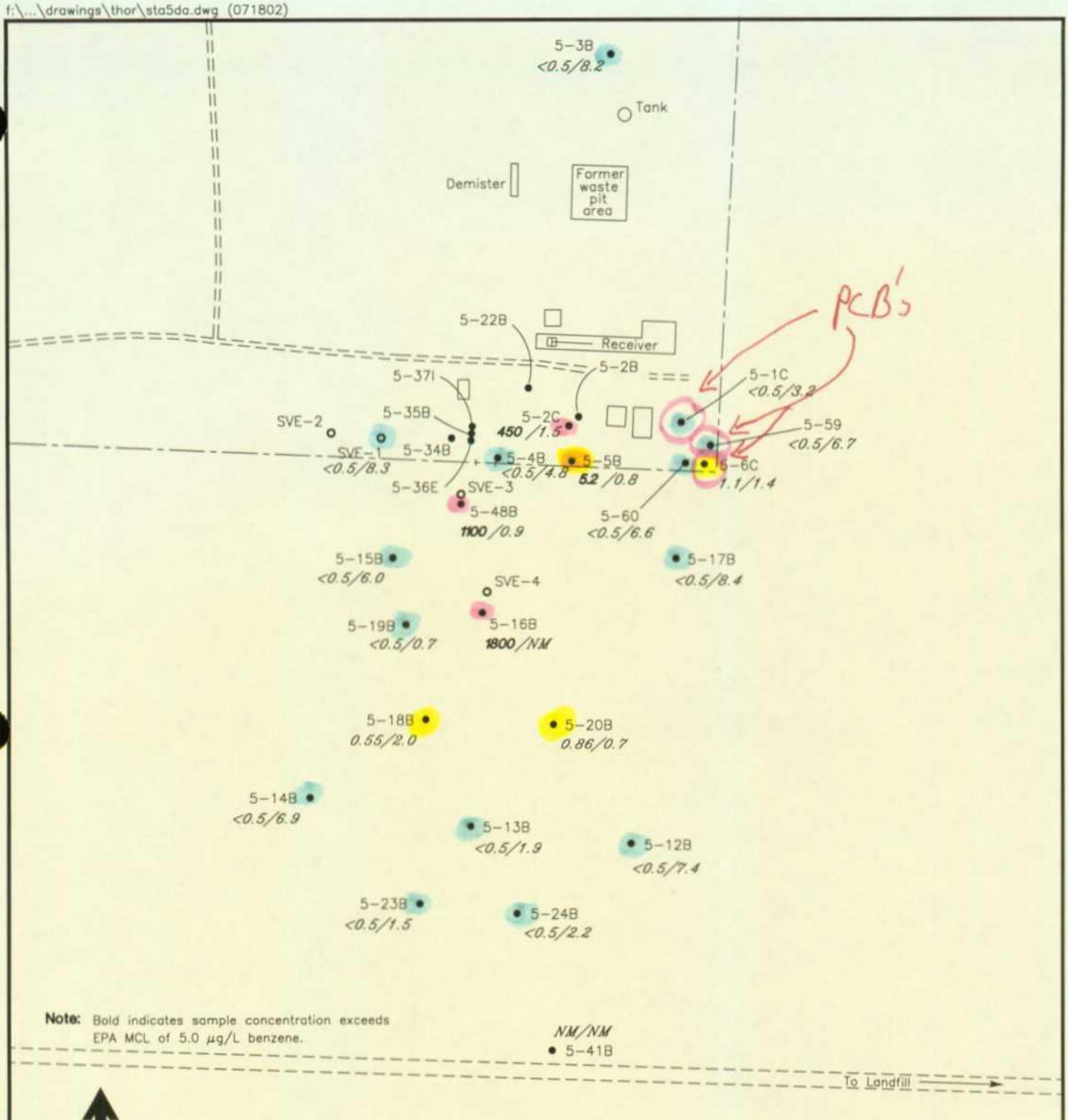


Note: Bold indicates sample concentration exceeds EPA MCL of 5.0 µg/L benzene.

Explanation

- • Monitor well
- o Soil vapor extraction well
- 0.7/1.36 Benzene (µg/L)/dissolved oxygen (mg/L) concentrations
- NM Not measured
- Compressor station boundary

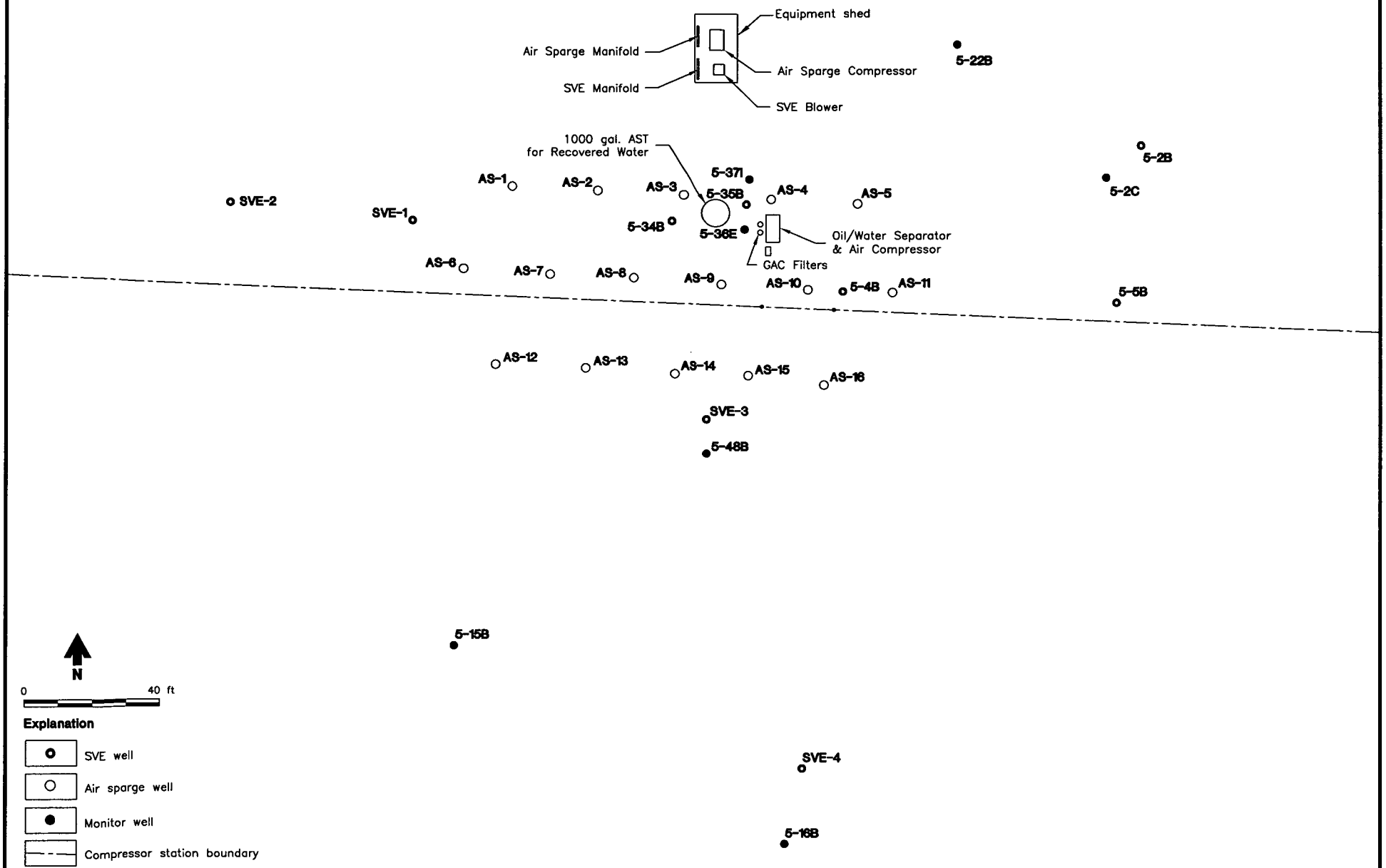
THOREAU COMPRESSOR STATION

Benzene and Dissolved Oxygen Concentrations in the Perched Alluvial Aquifer April 2002

CYPRESS ENGINEERING SERVICES, INC.

Figure 4

f:\...\drawings\th...velo3.dwg (09/07/99)



THOREAU COMPRESSOR STATION

Remediation System Layout

Figure 5

CYPRESS ENGINEERING SERVICES, INC.

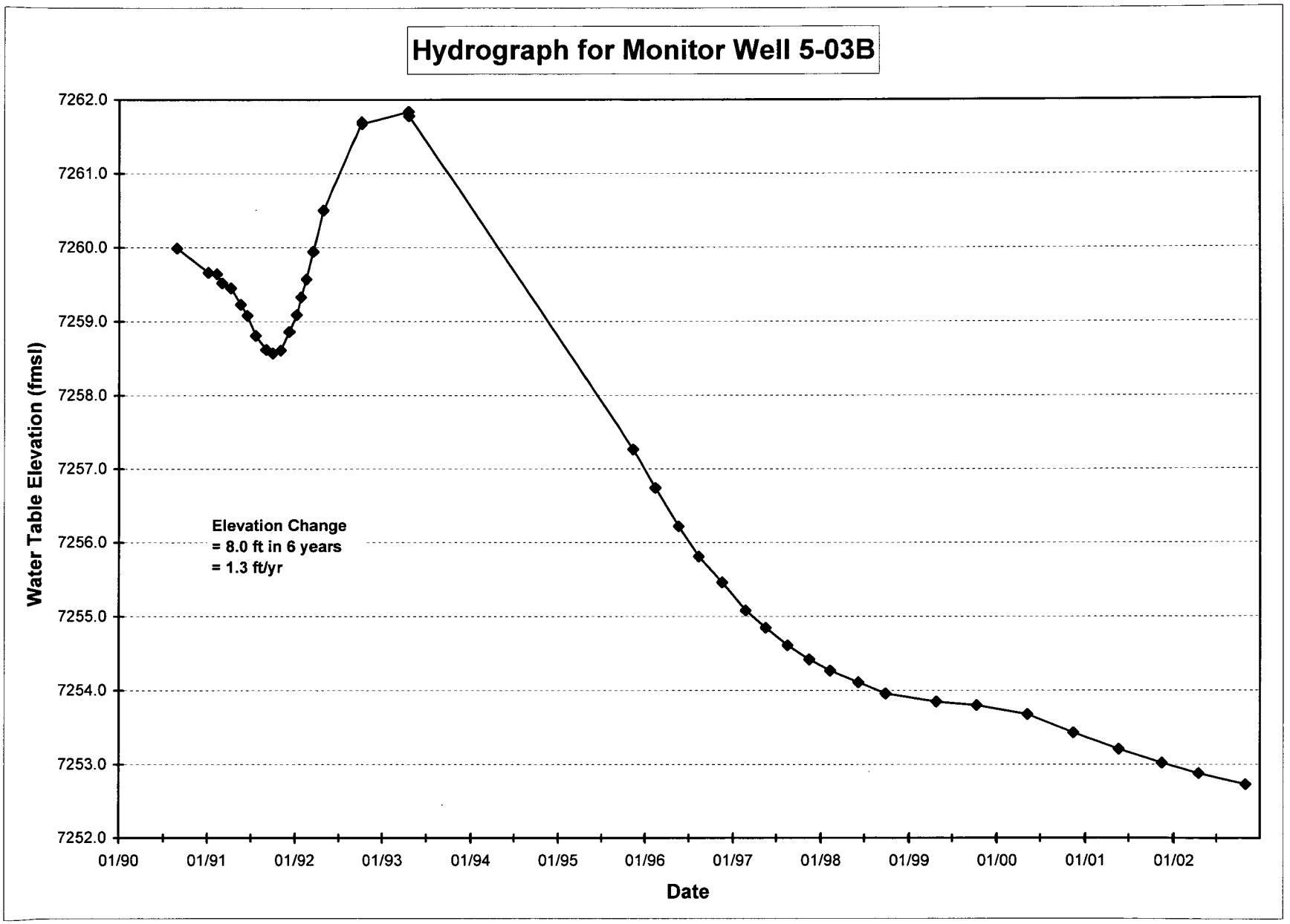

Hydrograph for Monitor Well 5-03B
Water Table Elevation (fmsl)
7262.0
7261.0
7260.0
7259.0
7258.0
7257.0
7256.0
7255.0
7254.0
7253.0
7252.0
Elevation Change
= 8.0 ft in 6 years
= 1.3 ft/yr
01/90
01/91
01/92
01/93
01/94
01/95
01/96
01/97
01/98
01/99
01/00
01/01
01/02
Date

Figure 6

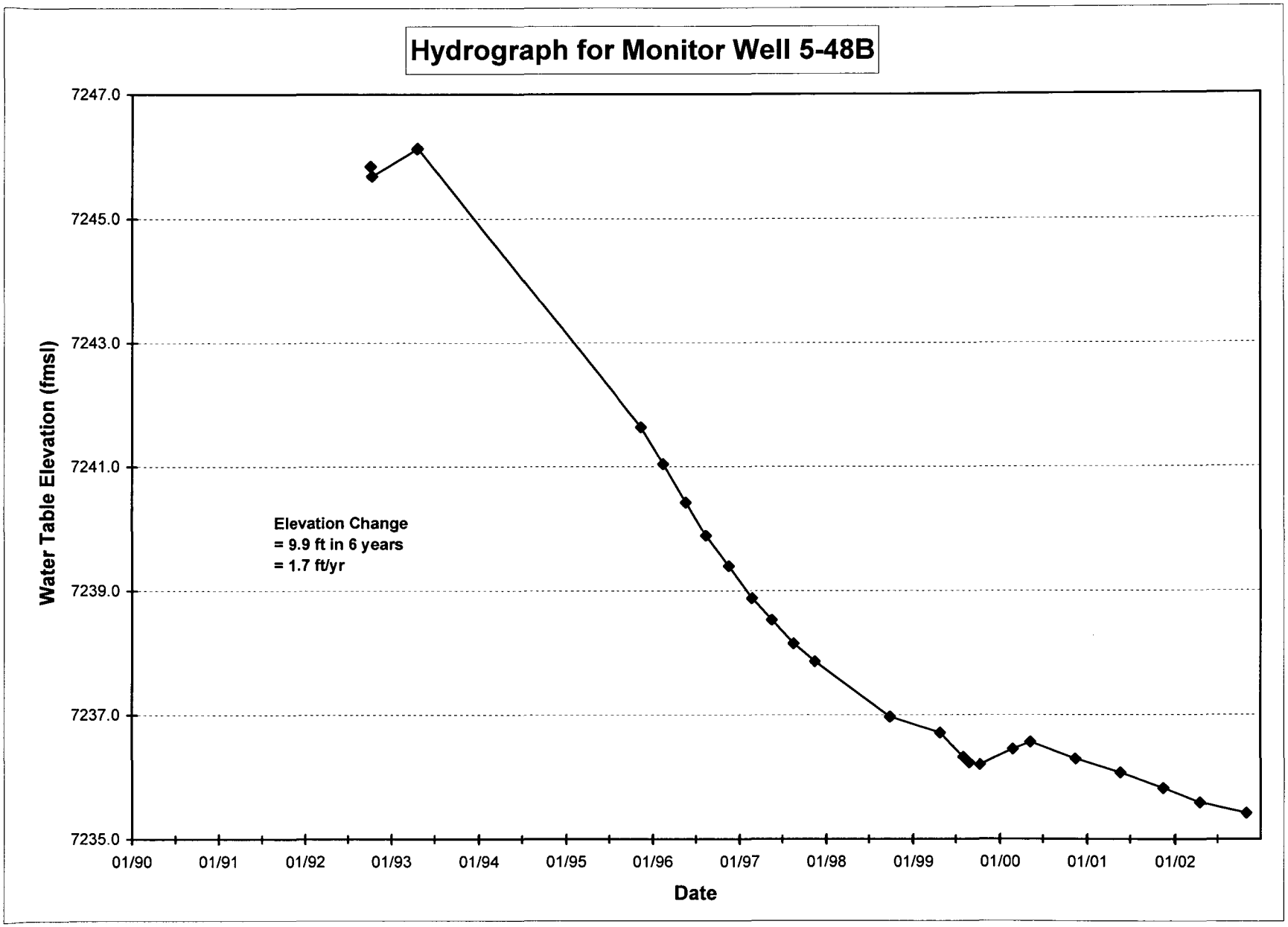

Hydrograph for Monitor Well 5-48B
Water Table Elevation (fmsl)
7247.0
7245.0
7243.0
7241.0
7239.0
7237.0
7235.0
Elevation Change
= 9.9 ft in 6 years
= 1.7 ft/yr
01/90
01/91
01/92
01/93
01/94
01/95
01/96
01/97
01/98
01/99
01/00
01/01
01/02
Date

Figure 7

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
5 01B	7,290.53	08/29/90	44.69	7245.84
		11/08/90	44.70	7245.83
		01/08/91	44.82	7245.71
		02/05/91	44.86	7245.67
		03/05/91	44.91	7245.62
		04/10/91	44.94	7245.59
		05/21/91	45.08	7245.45
		06/18/91	45.15	7245.38
		07/23/91	45.28	7245.25
		09/04/91	45.38	7245.15
		10/02/91	45.52	7245.01
		11/06/91	45.63	7244.90
		12/10/91	45.64	7244.89
		01/09/92	45.61	7244.92
		01/27/92	45.53	7245.00
		02/20/92	45.39	7245.14
		03/18/92	45.18	7245.35
		04/29/92	44.78	7245.75
		10/06/92	43.71	7246.82
		10/14/92	43.67	7246.86
		04/19/93	42.96	7247.57
		11/14/95	46.16	7244.37
		02/15/96	46.64	7243.89
		05/21/96	47.32	7243.21
		08/12/96	NM	--
		11/18/96	47.91	7242.62
		02/24/97	48.31	7242.22
		05/19/97	48.57	7241.96
	(Recorded DTW=49.77?)	08/18/97	48.77	7241.76
		11/16/97	49.03	7241.50
5 01C	7,292.11	02/10/98	TP	--
		06/08/98	TP	--
		09/29/98	TP	--
		04/27/99	TP	--
		10/11/99	TP	--
		05/10/00	51.45	7240.66
		11/14/00	51.73	7240.38
		05/21/01	51.85	7240.26
		11/16/01	52.00	7240.11
		04/17/02	52.05	7240.06
		10/30/02	52.23	7239.88
5 02B	7,292.06	08/29/90	47.60	7244.46
		11/08/90	47.72	7244.34
		01/11/91	47.88	7244.18
		02/12/91	47.90	7244.16
		03/05/91	47.93	7244.13
		04/11/91	47.92	7244.14
		05/20/91	48.14	7243.92
		06/18/91	48.23	7243.83
		07/24/91	48.36	7243.70

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		09/05/91	48.55	7243.51
		10/03/91	48.62	7243.44
		11/05/91	48.73	7243.33
		12/12/91	48.68	7243.38
		01/09/92	48.58	7243.48
		01/28/92	48.48	7243.58
		02/20/92	48.27	7243.79
		03/19/92	47.98	7243.79
		04/29/92	47.38	7244.68
		10/06/92	46.09	7245.97
		10/14/92	46.07	7245.99
		04/19/93	45.38	7246.68
		04/22/93	45.36	7246.70
		11/14/95	49.32	7242.74
		02/15/96	49.84	7242.22
		05/21/96	50.47	7241.59
		08/12/96	NM	--
		11/21/96	51.66	7240.40
		02/24/97	TP	--
		05/19/97	TP	--
		08/18/97	NM	--
		11/16/97	NM	--
	7,293.24 (w/SVE ext)	02/10/98	NM	--
	PSH @ 55.70	10/11/99	55.75	7237.53
		05/10/00	55.08	7238.16
	PSH @ 55.92	11/14/00	56.09	7237.28
	PSH @ 56.03	05/21/01	56.33	7237.14
	PSH @ 56.28	11/16/01	56.36	7236.94
	PSH @ 56.27	04/17/02	56.33	7236.96
	PSH @ 56.53	10/30/02	56.53	7236.71
5 02C	7,291.82	02/10/98	53.15	7238.67
		06/08/98	53.36	7238.46
		09/29/98	53.88	7237.94
		04/27/99	54.05	7237.77
		08/03/99	54.40	7237.42
		08/27/99	54.47	7237.35
		10/11/99	54.58	7237.24
		02/28/00	54.26	7237.56
		05/10/00	54.07	7237.75
		11/14/00	54.81	7237.01
		05/21/01	55.01	7236.81
		11/16/01	55.25	7236.57
		04/17/02	55.37	7236.45
		10/30/02	55.57	7236.25
5 03B	7,303.76	08/29/90	43.77	7259.99
		01/07/91	44.10	7259.66
		02/12/91	44.12	7259.64
		03/05/91	44.24	7259.52
		04/10/91	44.31	7259.45
		05/21/91	44.53	7259.23

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		06/18/91	44.68	7259.08
		07/23/91	44.95	7258.81
		09/04/91	45.14	7258.62
		10/02/91	45.19	7258.57
		11/05/91	45.15	7258.61
		12/10/91	44.90	7258.86
		01/09/92	44.67	7259.09
		01/27/92	44.43	7259.33
		02/19/92	44.19	7259.57
		03/17/92	43.82	7259.94
		04/28/92	43.26	7260.50
		10/06/92	42.06	7261.70
		10/07/92	42.09	7261.67
		04/19/93	41.92	7261.84
		04/20/93	41.98	7261.78
		11/14/95	46.49	7257.27
		02/15/96	47.02	7256.74
		05/21/96	47.54	7256.22
		08/12/96	47.95	7255.81
		11/18/96	48.30	7255.46
		02/24/97	48.68	7255.08
		05/19/97	48.91	7254.85
		08/18/97	49.15	7254.61
		11/16/97	49.34	7254.42
		02/10/98	49.49	7254.27
		06/08/98	49.65	7254.11
		09/29/98	49.80	7253.96
		04/27/99	49.91	7253.85
		10/11/99	49.96	7253.80
		05/10/00	50.08	7253.68
		11/14/00	50.33	7253.43
		05/21/01	50.55	7253.21
		11/16/01	50.74	7253.02
		04/17/02	50.88	7252.88
		10/30/02	51.03	7252.73
5 04B	7,292.39	08/29/90	48.35	7244.04
		11/08/90	48.42	7243.97
		01/11/91	48.42	7243.97
		01/31/91	48.94	7243.45
		03/04/91	48.68	7243.71
		04/12/91	48.79	7243.60
		05/21/91	49.90	7242.49
		06/17/91	49.00	7243.39
		07/24/91	49.15	7243.24
		09/04/91	49.34	7243.05
		10/03/91	49.44	7242.95
		11/05/91	49.50	7242.89
		12/12/91	48.40	7243.99
		01/09/92	49.23	7243.16
		01/28/92	49.11	7243.28

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		02/19/92	48.91	7243.48
		03/18/92	47.22	7245.17
	(Recorded DTW=47.65?)	04/28/92	46.65	7245.74
		10/06/92	46.36	7246.03
		10/13/92	46.35	7246.04
		04/19/93	45.77	7246.62
		04/21/93	45.79	7246.60
		11/14/95	50.21	7242.18
		02/15/96	50.82	7241.57
		05/21/96	NM	--
		08/12/96	NM	--
		11/18/96	NM	--
		02/24/97	NM	--
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	7292.72 (w/SVE ext)	02/10/98	54.70	7238.02
		10/11/99	55.95	7236.77
		05/10/00	55.53	7237.19
		11/14/00	56.48	7236.24
		05/21/01	56.65	7236.07
		11/16/01	56.91	7235.81
		04/17/02	57.10	7235.62
		10/30/02	57.21	7235.51
5 05B	7,290.83	08/29/90	47.50	7243.33
		11/08/90	47.25	7243.58
		01/10/91	47.14	7243.69
		02/05/91	47.20	7243.63
		03/05/91	47.20	7243.63
		04/18/91	47.34	7243.49
		05/21/91	47.44	7243.39
		06/18/91	47.52	7243.31
		07/24/91	47.69	7243.14
		09/05/91	47.83	7243.00
		10/02/91	47.54	7243.29
		11/04/91	48.02	7242.81
		12/10/91	47.94	7242.89
		01/09/92	47.87	7242.96
		01/27/92	47.74	7243.09
		02/19/92	47.58	7243.25
	(Recorded DTW=48.43?)	03/17/92	47.43	7243.40
		04/28/92	46.61	7244.22
		10/06/92	45.39	7245.44
		10/12/92	45.37	7245.46
		04/19/93	44.76	7246.07
		04/21/93	44.75	7246.08
		11/14/95	48.59	7242.24
		02/15/96	49.12	7241.71
		05/21/96	49.71	7241.12
		08/12/96	50.22	7240.61

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		11/18/96	50.65	7240.18
		02/24/97	51.14	7239.69
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	7292.02 (w/SVE ext)	02/10/98	53.51	7238.51
		10/11/99	55.02	7237.00
		05/10/00	54.61	7237.41
		11/14/00	55.23	7236.79
		05/21/01	55.38	7236.64
		11/16/01	55.61	7236.41
		04/17/02	55.76	7236.26
		10/30/02	56.01	7236.01
5 06B	7,289.30	08/29/90	43.47	7245.83
		11/08/90	43.24	7246.06
		01/08/91	43.42	7245.88
		02/12/91	43.50	7245.80
		03/05/91	43.50	7245.80
		04/18/91	43.61	7245.69
		05/21/91	43.66	7245.64
		06/18/91	43.74	7245.56
		07/23/91	43.83	7245.47
		09/05/91	44.00	7245.30
		10/03/91	44.06	7245.24
		11/05/91	44.16	7245.14
		12/10/91	44.17	7245.13
		01/09/92	44.16	7245.14
		01/27/92	44.08	7245.22
		02/20/92	43.94	7245.36
		03/18/92	43.76	7245.54
		04/29/92	43.43	7245.87
		10/06/92	42.52	7246.78
		10/14/92	42.49	7246.81
		04/19/93	41.94	7247.36
		11/14/95	44.64	7244.66
		02/15/96	44.99	7244.31
		05/21/96	45.41	7243.89
		08/12/96	45.65	7243.65
		11/18/96	45.92	7243.38
		02/24/97	46.30	7243.00
		05/19/97	46.54	7242.76
		08/18/97	46.73	7242.57
		11/16/97	47.01	7242.29
5 06C	7,291.46	02/10/98	49.31	7242.15
		06/08/98	49.52	7241.94
		09/29/98	49.78	7241.68
		04/27/99	50.03	7241.43
		08/03/99	50.15	7241.31
		08/27/99	50.23	7241.23
		10/11/99	50.05	7241.41

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		02/28/00	50.18	7241.28
		05/10/00	50.18	7241.28
		11/14/00	50.47	7240.99
		05/21/01	50.62	7240.84
		11/16/01	49.81	7241.65
		04/17/02	50.93	7240.53
		10/30/02	51.11	7240.35
5 12B	7,279.61	08/14/90	48.85	7230.76
		11/15/90	48.92	7230.69
		01/09/91	48.96	7230.65
		02/13/91	49.00	7230.61
		03/07/91	49.00	7230.61
		04/12/91	49.05	7230.56
		05/22/91	49.12	7230.49
		06/19/91	49.20	7230.41
		07/25/91	49.27	7230.34
		09/16/91	49.37	7230.24
		10/09/91	49.43	7230.18
		01/07/92	49.49	7230.12
		04/30/92	49.07	7230.54
		10/06/92	48.27	7231.34
		10/08/92	48.28	7231.34
		04/19/93	47.45	7232.16
		11/14/95	49.71	7229.90
		02/15/96	50.02	7229.59
		05/21/96	50.31	7229.30
		08/12/96	50.61	7229.00
		11/18/96	50.89	7228.72
		02/24/97	51.24	7228.37
		05/19/97	51.49	7228.12
		08/18/97	51.78	7227.83
		11/16/97	52.07	7227.54
		02/10/98	52.28	7227.33
		06/08/98	52.51	7227.10
		09/29/98	52.78	7226.83
		04/27/99	53.11	7226.50
		10/11/99	53.37	7226.24
		05/10/00	53.36	7226.25
		11/14/00	NM	--
		05/21/01	53.14	7226.47
		11/16/01	53.77	7225.84
		04/17/02	53.68	7225.93
		10/30/02	53.89	7225.72
5 13B	7,282.43	08/14/90	52.43	7230.00
		11/15/90	52.76	7229.67
		01/09/91	52.82	7229.61
		02/07/91	52.89	7229.54
		03/07/91	52.92	7229.51
		04/12/91	53.00	7229.43
		05/22/91	53.06	7229.37

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		06/19/91	53.15	7229.28
		07/26/91	53.26	7229.17
		09/16/91	53.36	7229.07
		10/10/91	53.42	7229.01
		01/08/92	53.58	7228.85
		05/01/92	52.88	7229.55
		10/06/92	51.80	7230.63
		10/13/92	51.78	7230.65
		04/19/93	51.08	7231.35
		11/14/95	53.85	7228.58
		02/15/96	54.18	7228.25
		05/21/96	54.52	7227.91
		08/12/96	54.81	7227.62
		11/18/96	55.05	7227.38
		02/24/97	55.37	7227.06
		05/19/97	55.60	7226.83
		08/18/97	55.87	7226.56
		11/16/97	56.13	7226.30
		02/10/98	56.36	7226.07
		06/08/98	56.63	7225.80
		09/29/98	56.90	7225.53
		04/27/99	57.31	7225.12
		10/11/99	57.75	7224.68
		05/10/00	57.90	7224.53
		11/14/00	58.18	7224.25
		05/21/01	58.31	7224.12
		11/16/01	58.47	7223.96
		04/17/02	58.60	7223.83
		10/30/02	58.90	7223.53
5 14B	7,285.76	08/14/90	55.14	7230.62
		11/14/90	55.02	7230.74
		01/09/91	55.12	7230.64
		02/07/91	55.19	7230.57
		03/07/91	55.21	7230.55
		04/12/91	55.64	7230.12
		05/22/91	55.36	7230.40
		06/19/91	55.38	7230.38
		07/25/91	55.54	7230.22
		09/16/91	55.63	7230.13
		10/09/91	55.72	7230.04
		01/06/92	55.74	7230.02
		04/30/92	55.02	7230.74
		10/06/92	53.94	7231.82
		10/08/92	53.93	7231.83
		04/19/93	53.25	7232.51
		11/14/95	56.25	7229.51
		02/15/96	56.62	7229.14
		05/21/96	57.02	7228.74
		08/12/96	57.33	7228.43
		11/18/96	57.64	7228.12

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		02/24/97	58.01	7227.75
		05/19/97	58.27	7227.49
		08/18/97	58.56	7227.20
		11/16/97	58.86	7226.90
		02/10/98	59.08	7226.68
		06/08/98	59.41	7226.35
		09/29/98	59.69	7226.07
		04/27/99	60.17	7225.59
		10/11/99	60.43	7225.33
		05/10/00	60.56	7225.20
		11/14/00	60.71	7225.05
		05/21/01	60.77	7224.99
		11/16/01	60.98	7224.78
		04/17/02	61.19	7224.57
		10/30/02	61.55	7224.21
5 15B	7,292.92	08/14/90	49.86	7243.06
		11/14/90	49.98	7242.94
	(Recorded DTW=51.10?)	01/10/91	50.10	7242.82
		02/07/91	50.16	7242.76
		03/06/91	50.17	7242.75
		04/10/91	50.25	7242.67
		05/23/91	50.45	7242.47
		06/19/91	50.54	7242.38
		07/25/91	50.70	7242.22
		09/16/91	50.92	7242.00
		10/09/91	50.95	7241.97
		01/07/92	50.57	7242.35
		04/30/92	48.74	7244.18
		10/06/92	47.75	7245.17
		10/08/92	47.74	7245.18
		04/19/93	47.41	7245.51
		11/14/95	51.84	7241.08
		02/15/96	52.42	7240.50
		05/21/96	53.04	7239.88
		08/12/96	53.52	7239.40
		11/18/96	53.99	7238.93
		02/24/97	54.48	7238.44
		05/19/97	54.60	7238.32
		08/18/97	55.18	7237.74
		11/16/97	55.48	7237.44
		02/10/98	55.70	7237.22
		06/08/98	56.00	7236.92
		09/29/98	56.35	7236.57
		04/27/99	56.55	7236.37
		08/03/99	57.02	7235.90
		08/27/99	57.10	7235.82
		10/11/99	56.98	7235.94
		02/28/00	56.60	7236.32
		05/10/00	56.63	7236.29
		11/14/00	56.78	7236.14

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		05/21/01	57.03	7235.89
		11/16/01	57.28	7235.64
		04/17/02	57.56	7235.36
		10/30/02	57.74	7235.18
5 16B	7,288.82	08/14/90	47.21	7241.61
		11/14/90	47.46	7241.36
		01/10/91	47.60	7241.22
		02/06/91	47.62	7241.20
		03/06/91	47.63	7241.19
		04/09/91	47.73	7241.09
		05/23/91	47.87	7240.95
		06/18/91	47.91	7240.91
		07/26/91	48.04	7240.78
		09/03/91	48.17	7240.65
		10/11/91	48.30	7240.52
		11/12/91	48.34	7240.48
		12/12/91	48.22	7240.60
		01/08/92	48.11	7240.71
		02/20/92	47.76	7241.06
		03/18/92	47.43	7241.39
		04/29/92	46.89	7241.93
		10/06/92	45.97	7242.85
		10/13/92	45.95	7242.87
		04/19/93	45.61	7243.21
		04/20/93	45.62	7243.20
		11/14/95	48.88	7239.94
		02/15/96	49.33	7239.49
		05/21/96	50.11	7238.71
		08/12/96	50.41	7238.41
		11/18/96	50.74	7238.08
		02/24/97	51.08	7237.74
		05/19/97	51.35	7237.47
		08/18/97	51.67	7237.15
		11/16/97	52.02	7236.80
		02/10/98	52.16	7236.66
		06/08/98	52.42	7236.40
		09/29/98	52.86	7235.96
		04/27/99	53.02	7235.80
		08/03/99	53.98	7234.84
		08/27/99	54.06	7234.76
		10/11/99	53.66	7235.16
		02/28/00	53.21	7235.61
		05/10/00	53.50	7235.32
		11/14/00	53.52	7235.30
		05/21/01	53.71	7235.11
		11/16/01	53.93	7234.89
		04/17/02	54.11	7234.71
		10/30/02	54.34	7234.48
5 17B	7,284.75	08/14/90	40.79	7243.96
		11/15/90	40.83	7243.92

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		01/10/91	40.96	7243.79
		02/08/91	40.99	7243.76
		03/06/91	41.01	7243.74
		04/11/91	41.06	7243.69
		05/22/91	41.14	7243.61
		06/18/91	41.23	7243.52
		07/25/91	41.34	7243.41
		09/16/91	41.50	7243.25
		10/09/91	41.60	7243.15
		01/07/92	41.60	7243.15
		02/19/92	41.46	7243.29
		03/17/92	41.21	7243.54
		04/28/92	40.84	7243.91
		10/06/92	39.97	7244.78
		10/07/92	39.97	7244.78
		04/19/93	39.40	7245.35
		11/14/95	42.06	7242.69
		02/15/96	42.46	7242.29
		05/21/96	42.94	7241.81
		08/12/96	43.33	7241.42
		11/18/96	43.72	7241.03
		02/24/97	44.14	7240.61
		05/19/97	44.44	7240.31
		08/18/97	44.76	7239.99
		11/16/97	45.07	7239.68
		02/10/98	45.30	7239.45
		06/08/98	45.58	7239.17
		09/29/98	45.97	7238.78
		04/27/99	46.36	7238.39
		10/11/99	46.78	7237.97
		05/10/00	46.57	7238.18
		11/14/00	47.19	7237.56
		05/21/01	47.34	7237.41
		11/16/01	47.58	7237.17
		04/17/02	47.70	7237.05
		10/30/02	48.04	7236.71
5 18B	7,286.41	08/14/90	51.67	7234.74
		08/24/90	51.68	7234.73
		11/15/90	51.60	7234.81
		01/04/91	51.66	7234.75
		02/13/91	51.76	7234.65
		03/06/91	51.79	7234.62
		04/16/91	51.90	7234.51
		06/19/91	52.05	7234.36
		07/26/91	52.21	7234.20
		09/16/91	52.35	7234.06
		10/11/91	52.41	7234.00
		01/08/92	52.40	7234.01
		05/01/92	51.38	7235.03
		10/06/92	50.24	7236.17

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		10/13/92	50.22	7236.19
		04/19/93	49.68	7236.73
		04/22/93	49.70	7236.71
		11/14/95	53.04	7233.37
		02/15/96	53.49	7232.92
		05/21/96	53.94	7232.47
		08/12/96	54.31	7232.10
		11/18/96	54.64	7231.77
		02/24/97	55.03	7231.38
		05/19/97	55.25	7231.16
		08/18/97	55.51	7230.90
		11/16/97	55.75	7230.66
		02/10/98	55.94	7230.47
		06/08/98	56.18	7230.23
		09/29/98	56.43	7229.98
		04/27/99	56.81	7229.60
		10/11/99	57.26	7229.15
		05/10/00	57.18	7229.23
		11/14/00	57.38	7229.03
		05/21/01	57.47	7228.94
		11/16/01	57.87	7228.54
		04/17/02	57.85	7228.56
		10/30/02	58.16	7228.25
5 19B	7,290.52	08/14/90	49.44	7241.08
		11/14/90	49.76	7240.76
		01/10/91	49.86	7240.66
		02/07/91	49.90	7240.62
		03/06/91	49.92	7240.60
		04/09/91	50.02	7240.50
	Questionable (DTW=50.12?)	05/23/91	50.92	7239.60
		06/19/91	50.23	7240.29
		07/26/91	50.37	7240.15
		09/16/91	50.55	7239.97
		10/10/91	50.60	7239.92
		01/08/92	50.36	7240.16
		02/20/92	50.04	7240.48
		03/19/92	49.60	7240.92
		04/29/92	48.97	7241.55
		10/06/92	48.05	7242.47
		10/13/92	48.04	7242.48
		04/19/93	47.73	7242.79
		11/14/95	51.30	7239.22
		02/15/96	51.75	7238.77
		05/21/96	52.26	7238.26
		08/12/96	52.66	7237.86
		11/18/96	53.02	7237.50
		02/24/97	53.44	7237.08
		05/19/97	53.73	7236.79
		08/18/97	TP	--
		11/16/97	54.29	7236.23

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		02/10/98	54.49	7236.03
		06/08/98	54.74	7235.78
		09/29/98	55.05	7235.47
		04/27/99	55.26	7235.26
		08/03/99	55.78	7234.74
		08/27/99	55.87	7234.65
		10/11/99	55.73	7234.79
		02/28/00	55.33	7235.19
		05/10/00	55.39	7235.13
		11/14/00	55.51	7235.01
		05/21/01	55.74	7234.78
		11/16/01	55.96	7234.56
		04/17/02	56.11	7234.41
		10/30/02	56.36	7234.16
5 20B	7,284.60	08/14/90	48.50	7236.10
		01/09/91	48.70	7235.90
		02/07/91	48.79	7235.81
		03/07/91	48.80	7235.80
		04/16/91	48.88	7235.72
		05/20/91	48.92	7235.68
		06/19/91	49.02	7235.58
		07/26/91	49.13	7235.47
		09/16/91	49.25	7235.35
		10/10/91	49.32	7235.28
		01/08/92	49.36	7235.24
		05/01/92	48.48	7236.12
		10/06/92	47.61	7236.99
		10/12/92	47.58	7237.02
		04/19/93	47.26	7237.34
		04/21/93	47.31	7237.29
		11/14/95	49.63	7234.97
		02/15/96	50.03	7234.57
		05/21/96	50.39	7234.21
		08/12/96	50.66	7233.94
		11/18/96	50.99	7233.61
		02/24/97	51.28	7233.32
		05/19/97	51.54	7233.06
		08/18/97	51.88	7232.72
		11/16/97	52.21	7232.39
		02/10/98	52.46	7232.14
		06/08/98	52.62	7231.98
		09/29/98	52.95	7231.65
		04/27/99	53.30	7231.30
		10/11/99	53.78	7230.82
		05/10/00	53.23	7231.37
		11/14/00	53.53	7231.07
		05/21/01	53.62	7230.98
		11/16/01	53.73	7230.87
		04/17/02	53.78	7230.82
		10/30/02	54.04	7230.56

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
5 22B	7,292.74	10/25/90	48.08	7244.66
		11/15/90	48.08	7244.66
		01/10/91	48.33	7244.41
		02/04/91	48.38	7244.36
		03/06/91	48.42	7244.32
		04/11/91	48.49	7244.25
		05/21/91	48.65	7244.09
		06/17/91	48.76	7243.98
		07/24/91	49.24	7243.50
		09/04/91	49.06	7243.68
		10/03/91	49.19	7243.55
		11/04/91	49.26	7243.48
		12/12/91	49.15	7243.59
		01/10/92	49.00	7243.74
		01/28/92	48.84	7243.90
		02/19/92	48.67	7244.07
		03/18/92	48.24	7244.50
		04/28/92	47.46	7245.28
		10/06/92	45.97	7246.77
		10/08/92	45.98	7246.76
		04/19/93	45.34	7247.40
		11/14/95	NM	--
		02/15/96	NM	--
		05/21/96	51.25	7241.49
		08/12/96	51.91	7240.83
		11/18/96	NM	--
		02/27/97	52.95	7239.79
		05/19/97	53.13	7239.61
		08/18/97	53.51	7239.23
		11/16/97	53.79	7238.95
		02/10/98	53.86	7238.88
		09/08/98	54.05	7238.69
		09/29/98	54.16	7238.58
		04/27/99	54.00	7238.74
		10/11/99	54.13	7238.61
		05/10/00	53.60	7239.14
		11/14/00	54.15	7238.59
		05/21/01	54.20	7238.54
		11/16/01	54.28	7238.46
		04/17/02	54.04	7238.70
		10/30/02	54.19	7238.55
5 23B	7,282.63	10/25/90	55.78	7226.85
		11/15/90	55.75	7226.88
		01/03/91	55.90	7226.73
		02/07/91	56.20	7226.43
		03/07/91	56.02	7226.61
		04/16/91	56.08	7226.55
		05/22/91	56.14	7226.49
		06/19/91	56.17	7226.46
		07/25/91	56.28	7226.35

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		09/03/91	56.38	7226.25
		10/09/91	56.47	7226.16
		11/11/91	56.56	7226.07
		12/13/91	56.63	7226.00
		01/07/92	56.58	7226.05
		02/18/92	56.58	7226.05
		03/17/92	56.42	7226.21
		04/30/92	56.12	7226.51
		10/06/92	55.19	7227.44
		10/09/92	55.19	7227.44
		04/19/93	54.56	7228.07
		11/14/95	57.02	7225.61
		02/15/96	57.39	7225.24
		05/21/96	57.79	7224.84
		08/12/96	58.11	7224.52
		11/18/96	58.38	7224.25
		02/24/97	58.75	7223.88
		05/19/97	59.01	7223.62
	(Recorded DTW=60.33?)	08/18/97	59.33	7223.30
		11/16/97	59.66	7222.97
		02/10/98	59.97	7222.66
		06/08/98	60.36	7222.27
		09/29/98	60.73	7221.90
		04/27/99	61.29	7221.34
		10/11/99	61.66	7220.97
		05/10/00	61.88	7220.75
		11/14/00	62.09	7220.54
		05/21/01	62.19	7220.44
		11/16/01	62.33	7220.30
		04/17/02	62.47	7220.16
		10/30/02	62.74	7219.89
5 24B	7,279.18	10/25/90	53.64	7225.54
		11/15/90	53.72	7225.46
		01/03/91	53.76	7225.42
		01/09/91	53.78	7225.40
		02/07/91	53.86	7225.32
		03/07/91	53.86	7225.32
		04/16/91	53.94	7225.24
		05/22/91	54.00	7225.18
		07/26/91	54.15	7225.03
		09/03/91	54.21	7224.97
		10/10/91	54.30	7224.88
		11/11/91	54.38	7224.80
		12/13/91	54.43	7224.75
		01/07/92	54.40	7224.78
		02/18/92	54.40	7224.78
		03/17/92	54.25	7224.93
		04/30/92	53.98	7225.20
		10/06/92	53.06	7226.12
		10/13/92	53.02	7226.16

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		04/19/93	52.33	7226.85
		04/21/93	52.33	7226.85
		11/14/95	54.62	7224.56
		02/15/96	54.96	7224.22
		05/21/96	55.38	7223.80
		08/12/96	55.66	7223.52
		11/18/96	55.93	7223.25
		02/24/97	56.26	7222.92
		05/19/97	56.50	7222.68
		08/18/97	56.78	7222.40
		11/16/97	57.07	7222.11
		02/10/98	57.32	7221.86
		06/08/98	57.69	7221.49
		09/29/98	58.03	7221.15
		04/27/99	58.56	7220.62
		10/11/99	58.89	7220.29
		05/10/00	59.04	7220.14
		11/14/00	59.22	7219.96
		05/21/01	59.29	7219.89
		11/16/01	59.38	7219.80
		04/17/02	59.45	7219.73
		10/30/02	59.66	7219.52
5 34B	7,294.71	05/12/92	48.62	7246.09
		05/13/92	48.60	7246.11
		05/14/92	48.58	7246.13
		06/19/92	48.18	7246.53
		07/28/92	47.88	7246.83
		04/19/93	46.98	7247.73
		11/14/95	52.33	7242.38
		02/16/96	NM	--
		08/12/96	NM	--
		11/18/96	NM	--
		02/24/97	NM	--
		05/19/97	NM	--
		08/18/97	NM	--
		11/16/97	NM	--
	PSH @ 58.54	10/11/99	58.56	7236.17
	PSH @ 57.33	05/10/00	57.35	7236.46
	PSH @ 57.57	11/14/00	57.61	7236.39
	PSH @ 58.78	05/21/01	58.83	7235.92
	PSH @ 59.02	11/16/01	59.26	7235.63
	PSH @ 59.09	04/17/02	59.86	7235.44
	PSH @ 58.94	10/30/02	60.10	
5 35B	7,296.11	05/05/92	50.55	7245.56
		05/14/92	50.32	7245.79
		05/30/92	50.14	7245.97
		06/19/92	49.94	7246.17
		06/29/92	49.81	7246.30
		07/24/92	49.61	7246.50
		08/07/92	49.51	7246.60

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		08/31/92	49.35	7246.76
		09/15/92	49.29	7246.82
		09/29/92	49.26	7246.85
		10/14/92	49.20	7246.91
		04/19/93	48.79	7247.32
		04/22/93	48.73	7247.38
		11/14/95	NM	--
		02/15/96	NM	--
		08/12/96	NM	--
		11/18/96	NM	--
		02/24/97	NM	--
	PSH=sheen	05/19/97	56.21	7240.67
	PSH=0.9 ft	08/18/97	56.41	7240.47
		11/16/97	NM	--
	7295.33 (w/SVE ext) PSH not measured	02/10/98	55.79	7239.54
	PSH @ 57.15	10/11/99	57.16	7238.18
		05/10/00	56.68	7238.65
		11/14/00	57.30	7238.03
		05/21/01	57.51	7237.82
		11/16/01	57.75	7237.58
		04/17/02	57.96	7237.37
		10/30/02	57.97	7237.36
5 41B	7,279.73	10/06/92	61.03	7218.70
		10/09/92	60.99	7218.74
		04/19/93	60.38	7219.35
		04/20/93	60.40	7219.33
		11/14/95	61.90	7217.83
		02/15/96	62.26	7217.47
		05/21/96	62.72	7217.01
		08/12/96	63.12	7216.61
		11/18/96	63.52	7216.21
		02/24/97	63.97	7215.76
		05/19/97	64.36	7215.37
		08/18/97	64.72	7215.01
		11/16/97	NM	--
		02/10/98	NM	--
		05/10/00	NM	--
		11/14/00	NM	--
5 47B	7,268.35	10/06/92	62.71	7205.64
		10/07/92	62.71	7205.64
		04/19/93	62.18	7206.17
		04/20/93	62.20	7206.15
		11/14/95	62.77	7205.58
		02/15/96	63.27	7205.08
		05/21/96	63.83	7204.52
		08/12/96	64.31	7204.04
		11/18/96	64.75	7203.60
		02/24/97	TP	--
		05/19/97	65.39	7202.96

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
		08/18/97	66.03	7202.32
		11/16/97	NM	--
5 48B	7,292.64	10/06/92	46.80	7245.84
		10/12/92	46.96	7245.68
		04/19/93	46.52	7246.12
		04/21/93	46.51	7246.13
		11/14/95	51.00	7241.64
		02/15/96	51.60	7241.04
		05/21/96	52.22	7240.42
		08/12/96	52.75	7239.89
		11/18/96	53.24	7239.40
		02/24/97	53.76	7238.88
		05/19/97	54.11	7238.53
		08/18/97	54.49	7238.15
		11/16/97	54.78	7237.86
		09/29/98	55.67	7236.97
		04/27/99	55.93	7236.71
		08/03/99	56.32	7236.32
		08/27/99	56.41	7236.23
		10/11/99	56.44	7236.20
		02/28/00	56.19	7236.45
		05/10/00	56.08	7236.56
		11/14/00	56.35	7236.29
		05/21/01	56.57	7236.07
		11/16/01	56.82	7235.82
		04/17/02	57.05	7235.59
		10/30/02	57.22	7235.42
5 57B	7,257.80	04/19/93	59.97	7197.83
		11/14/95	60.21	7197.59
		02/15/96	60.58	7197.22
		05/21/96	61.03	7196.77
		08/12/96	61.44	7196.36
		11/18/96	61.80	7196.00
		02/24/97	62.20	7195.60
		05/19/97	62.51	7195.29
		08/18/97	62.82	7194.98
		11/16/97	NM	--
5 58B	7,279.38	04/19/93	64.09	7215.29
		11/14/95	65.55	7213.83
		02/15/96	66.16	7213.22
		05/21/96	66.83	7212.55
		08/12/96	67.37	7212.01
		11/18/96	67.86	7211.52
		02/24/97	68.42	7210.96
		05/19/97	68.82	7210.56
		08/18/97	69.21	7210.17
		11/16/97	NM	--
5 59		11/16/01	49.97	--
		04/17/02	50.07	--
		10/30/02	50.29	--

Table 1. Summary of Ground Water Level Data
Thoreau Compressor Station No. 5

Well ID	Measuring Point Elevation (fmsl)	Date	Depth to Ground Water (ft below MP)	Ground Water Elevation (fmsl)
5 60		11/16/01	52.01	--
		04/17/02	52.07	--
		10/30/02	52.27	--
SVE-1	7,296.88	02/10/98	58.35	7238.53
		10/11/99	59.28	7237.60
		05/10/00	58.78	7238.10
		11/14/00	59.07	7237.81
		11/16/01	59.83	7237.05
		04/17/02	60.01	7236.87
		10/30/02	60.20	7236.68
SVE-2	7,297.68	02/10/98	58.85	7238.83
		10/11/99	59.57	7238.11
		05/10/00	58.99	7238.69
		11/14/00	59.29	7238.39
		11/16/01	60.14	7237.54
		04/17/02	60.28	7237.40
		10/30/02	60.49	7237.19
SVE-3	7,293.68	02/10/98	56.24	7237.44
		10/11/99	57.42	7236.26
		11/16/01	57.81	7235.87
		04/17/02	58.01	7235.67
		10/30/02	58.18	7235.50
SVE-4	7,289.83	02/10/98	52.91	7236.92
		10/11/99	54.48	7235.35
		11/16/01	54.75	7235.08
		04/17/02	54.94	7234.89
		10/30/02	55.19	7234.64
5-37I	7,296.31	10/11/99	58.90	7237.41
		05/10/00	58.46	7237.85
		11/14/00	58.99	7237.32
		11/16/01	59.46	7236.85
		04/17/02	59.64	7236.67
		10/30/02	59.71	7236.60
5-36E	7,296.56	10/11/99	60.76	7235.80
		05/10/00	59.76	7236.80
		11/14/00	59.25	7237.31
		11/16/01	61.31	7235.25
		04/17/02	61.51	7235.05
		10/30/02	61.59	7234.97

MP = Measuring point
fmsl = Feet above mean sea level
NM = Not measured
TP = Tagged top of pump

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
5-01B	11/21/95	3.8	7.37	12.8	1,314	Muddy, no odor
	02/21/96	7.5	7.40	11.9	960	Turbid, no odor
	05/23/96	10.6a	7.28	13.2	1,327	Turbid
	08/14/96	NM	7.51	15.8	1,324	Turbid, no odor
	11/21/96	6.3	7.13	13.0	1,080	Turbid
	02/27/97	4.57	7.49	7.7	820	Turbid
	05/21/97	3.73	7.02	14.0	990	Slightly turbid
	08/20/97	NM	7.29	14.7	1,312	Turbid, no odor
5-01C	11/23/97	5.5	7.59	14.9	1252	Clear
	02/12/98	3.4	7.86	11.3	1137	Clear
	06/11/98	5.9	7.77	17.5	1248	Clear
	10/01/98	2.8	7.70	13.9	1255	Clear
	04/29/99	--/2.8	7.67	13.1	1262	Clear
	10/13/99	4.1	7.78	14.9	1294	Clear
	05/12/00	0.0/1.2	7.57	12.8	1390	Clear
	11/17/00	2.6	7.57	13.0	1467	Clear
	05/22/01	2.6/2.6	7.48	14.0	1510	Clear
	11/18/01	2.5	7.46	14.7	1506	Clear
	04/20/02	3.2	7.50	14.5	1494	Clear
	10/30/02	3.6	7.48	14.8	1498	Cloudy
5-02B	11/21/95	2.1	6.89	14.5	920	Slightly cloudy, HC odor
	02/22/96	4.0	7.14	11.9	1,010	Colorless, suspended black silt, HC odor
	05/23/96	1.4	7.21	14.0	1,430	HC odor, suspended black fine sand and silt
	08/14/96	NM	7.36	15.0	1,000	HC odor, suspended black fine sand and silt
	11/21/96	2.9	7.02	13.0	990	Black, HC odor
	02/28/97	2.17	7.20	9.6	990	Clear
5-02C	11/24/97	3.0	7.24	12.5	1439	Turbid, Reddish
	02/11/98	0.9	7.24	10.1	1397	Clear
	06/10/98	1.3	7.15	13.5	1502	Slightly turbid, odor
	10/01/98	2.1	7.17	14.6	1617	Cloudy, odor
	04/28/99	--/0.8	7.10	13.4	1756	Clear, Strong HC odor
	10/13/99	0.9	7.12	14.1	1858	Cloudy, odor
	05/13/00	0.9	7.11	13.4	1821	Clear, strong odor
	11/17/00	2.2	7.18	13.1	1832	Clear, odor
	05/24/01	2.6/1.6	7.11	15.8	1800	Clear, odor
	11/17/01	NM	7.14	14.8	1806	Clear, odor
	04/20/02	1.5	7.15	15.0	1829	Cloudy, sweet odor
	10/31/02	0.9	7.11	15.6	1811	Cloudy, odor
5-03B	11/15/95	8.0	7.59	14.0	860	Clear, no odor
	05/20/96	7.0b	8.26	13.4	1,282	Turbid
	08/12/96	8.6b	7.91	14.2	1,000	Turbid
	11/18/96	8.0/7.0	7.77	12.0	1,110	Turbid
	02/24/97	5.74/7.0	7.77	10.2	980	Turbid
	05/20/97	8.8/8.0	7.73	13.8	1,060	Turbid
	05/18/97	8.0	7.69	13.5	1,423	Turbid, Reddish
	11/17/97	7.36/8.0	7.64	13.4	1,100	Turbid
	02/10/98	8.17	7.36	12.5	1,000	Turbid
	06/08/98	8.8	7.58	13.4	1,375	Turbid
	06/11/98	8.8	7.60	13.3	1,379	Turbid (Resample - 1st Voa's broke)
	09/29/98	8.3/8.0	7.59	13.9	1,390	Turbid
	04/27/99	8.6	7.72	13.8	1,357	Redish silt, Turbid
	10/11/99	8.6/8.0	7.75	13.1	1,326	Redish silt, Turbid
	05/11/00	7.6/7.5	7.78	13.1	1,311	Redish turbid
	05/22/01	8.5/8.0	7.79	14.1	1,314	Redish turbid
	04/18/02	8.2	7.81	14.9	1,347	Red sand, turbid
5-04B	11/17/95	NM	7.15	14.6	1,097	Clear, moderate HC odor
	11/22/95	5.6	7.87	14.0	720	Slightly cloudy, no HC odor
	05/14/00	--	--	--	--	Bailed dry @ 0.3 gals
	11/17/00	1.9	7.57	12.1	1,851	Bailed dry @ 0.3 gals, turbid
	05/22/01	2.7/2.6	7.54	16.1	1,994	Bailed dry @ 0.3 gals, turbid
	11/18/01	4.0	7.56	16.6	1,994	Turbid w/odor. Bailed dry @ 0.2 gal
	04/19/02	4.8	7.48	17.0	1,974	Turbid, Bailed dry @ 0.15 gal
	10/30/02	4.9	7.31	17.1	1,961	Turbid, Bailed dry @ 0.06 gal

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
5-05B	11/17/95	2.9	7.04	13.0	1,350	Clear, moderate HC odor
	05/22/96	1.4	7.36	13.8	1,419	Clear, no odor
	08/14/96	1.08	7.61	14.3	1,395	Cloudy, HC odor
	11/20/96	4.2	7.26	12.2	1,110	Clear
	02/25/97	2.86	7.46	8.2	890	Cloudy, HC odor
	10/13/99	7.1	7.42	13.2	1,512	Clear
	05/11/00	2.2/2.4	7.38	13.3	1,565	Cloudy
	11/17/00	2.5	7.43	12.8	1,592	Cloudy
	05/22/01	2.5	7.37	14.4	1,578	Cloudy, bailing down
	11/18/01	1.1	7.45	14.8	1,290	Muddy, debris in well, odor (not hydrocarb)
	04/18/02	0.8	7.41	17.9	1,444	Turbid (muddy water)
	10/30/02	1.2	7.29	15.1	1,495	Turbid
5-06B	11/21/95	3.2	7.51	14.0	880	Slightly cloudy, no HC odor
	02/22/96	7.2	7.71	12.6	880	Clear, slight HC ordor
	05/23/96	1.7	7.90	13.2	1,248	Clear
	08/15/96	NM	7.57	15.0	980	Clear, possible slight HC odor
	11/22/96	4.5	7.34	11.9	900	Clear
	02/28/97	1.11	7.78	11.7	895	Clear
	05/22/97	1.66	7.29	13.5	920	Clear
	08/20/97	2.7/2.2	7.62	14.2	1,140	Clear
5-06C	11/23/97	0.5/0.8	7.67	14.3	1181	Turbid
	02/12/98	0.0	7.75	11.9	1072	Clear
	06/11/98	3.2/0.6	7.67	16.0	1159	Clear
	10/02/98	0.7	7.64	13.6	1152	Clear
	04/29/99	--/1.0	7.55	12.8	1135	Clear
	10/14/99	0.2/0.4	7.66	13.3	1156	Clear
	05/13/00	0.4/0.6	7.65	13.2	1178	Clear
	11/17/00	2.1	7.62	13.0	1287	Turbid
	05/22/01	0.9	7.61	13.9	1252	Turbid
	11/18/01	1.1	7.62	14.4	1241	Cloudy
	04/20/02	1.4	7.64	14.4	1256	Clear
	10/30/02	0.5	7.62	14.7	1265	Clear
5-12B	11/16/95	6.5	7.38	13.9	900	Clear, no odor
	05/24/96	8.0	7.44	15.0	870	Clear
	08/13/96	8.6	8.27	13.9	1242	Clear
	11/19/96	--/8.0	7.25	12.5	890	Clear, no odor
	02/26/97	4.78/6.5	7.58	11.8	895	Clear
	05/21/97	6.15	7.48	13.7	905	Clear
	08/19/97	--/7.0	7.61	14.9	1255	Clear
	11/17/97	8.49	7.65	13.9	990	Clear
	02/11/98	6.2 /7.0	7.70	11.3	1114	Clear
	06/09/98	10.2/8.0	7.65	17.1	1217	Clear
	09/30/98	8.1/7.0	7.67	15.4	1232	Clear
	04/27/99	7.8	7.70	12.8	1240	Clear
	10/12/99	7.2	7.87	14.2	1241	Clear
	05/11/00	6.7	7.83	14.4	1248	Clear
	05/23/01	6.7	7.78	15.2	1251	Clear
	04/19/02	7.4	8.04	15.1	1241	Clear
5-13B	11/20/95	4.3	7.59	13.9	800	Clear, HC odor
	02/21/96	4.2	7.67	13.8	840	Clear, HC odor
	05/22/96	1.4	7.68	13.8	860	Clear
	08/13/96	3.04	8.71	14.5	850	Clear, HC odor
	11/20/96	2.7	7.49	13.0	850	Clear, HC odor
	02/26/97	1.51	7.53	11.9	850	Clear
	05/21/97	2.79	7.31	13.4	880	Clear, Slight HC odor
	08/19/97	1.2/0.8	7.49	17.6	1205	Clear, HC odor
	11/18/97	--/1.2	7.78	10.1	1060	Clear
	02/11/98	1.3/1.0	7.81	11.0	1077	Clear, Odor
	06/09/98	1.8	7.54	14.6	1166	Clear, Odor
	09/30/98	1.2/1.4	7.57	14.3	1187	Clear, HC odor
	04/27/99	--	7.54	12.8	1223	Clear, HC odor
	10/12/99	3.0	7.62	13.4	1257	Clear
	05/11/00	0.1/0.8	7.50	13.2	1274	Clear

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	11/16/00	2.1/1.0	7.44	13.2	1306	Clear
	05/23/01	2.3	7.47	14.1	1296	Clear
	11/17/01	2.2	7.53	15.0	1288	Clear
	04/19/02	1.9	7.49	15.2	1267	Cloudy
	10/31/02	1.7	7.47	15.4	1265	Clear
5-14B	11/16/95	8.0	8.03	14.6	1,056	Very slightly cloudy
	05/21/96	9.8a	8.01	13.9	1,011	Clear
	08/13/96	6.89	8.64	15.6	992	Clear
	11/19/96	6.1	7.42	12.5	720	Silty amber, no odor
	02/26/97	--/6.5	7.87	10.5	931	Clear, no odor
	05/21/97	6.81/7.0	7.87	13.2	964	Clear
	11/17/97	6.8	7.86	11.9	841	Clear
	02/10/98	8.12	6.91	10.2	630	Clear
	06/09/98	8.7/8.5	7.85	17.3	923	Clear
	09/30/98	6.70	7.79	15.0	1,064	Slightly Turbid
	04/27/99	7.5/6.5	7.79	13.3	1,058	Turbid
	10/12/99	7.9	7.88	13.5	1,075	Cloudy
	05/11/00	7.3	7.85	13.0	1,014	Clear
	05/24/01	8.1	7.86	14.3	1,027	Clear
	04/19/02	6.9	7.86	15.5	1,148	Turbid
5-15B	11/16/95	6.9	7.98	12.5	982	Clear, no odor
	05/22/96	4.9	7.67	13.0	710	Clear
	08/14/96	9.85	8.26	14.4	1006	Clear
	11/20/96	--/8.0	7.54	14.0	720	Clear
	02/26/97	--/6.8	7.82	11.4	977	Clear, no odor
	05/21/97	6.49	7.77	12.9	1020	Clear
	08/19/97	8.0/8.0	7.80	14.5	934	Clear
	11/17/97	6.4/6.5	7.78	11.8	904	Clear
	02/11/98	6.22/7.0	7.39	13.1	720	Slightly Turbid
	06/10/98	8.0/7.0	7.73	14.4	979	Slightly Turbid
	09/30/98	9.6	7.76	16.1	1031	Turbid
	04/28/99	--/7.0	7.73	13.0	1022	Cloudy
	10/12/99	5.8	7.87	13.3	950	Clear
	05/12/00	8.1	7.65	13.1	1008	Clear
	05/24/01	6.4	7.77	14.6	1049	Clear
	04/19/02	6.0	7.79	15.6	1116	Clear
5-16B	11/20/95	2.4	7.50	13.0	800	Clear, strong HC odor
	02/21/96	3.5	7.58	13.8	840	Clear, HC odor
	05/23/96	1.3	7.47	13.2	1,181	Clear, very strong HC odor
	08/15/96	1.9/1.0	7.46	14.3	1,214	Clear, very strong HC odor
	11/21/96	--/1.0	7.45	13.0	1,000	Clear, HC odor
	02/27/97	2.31	7.52	12.0	1,131	Clear, strong HC odor
	05/22/97	1.13	7.30	14.9	900	Clear, strong HC odor
	08/20/97	1.6/0.4	7.41	15.4	1,100	Clear, HC odor, Film on top
	11/19/97	0.4/0.4	7.46	12.6	1,096	Clear, HC odor
	02/11/98	2.78	7.16	11.6	840	Clear, HC odor, film/sheen
	06/10/98	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	10/01/98	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	04/28/99	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	10/13/99	--	--	--	--	Clear w/sheen, turns blk, PSH odor
	05/12/00	--	--	--	--	Clear w/blk particulates, sheen, strong odor
	11/17/00	--	--	--	--	Clear w/blk particulates, sheen, strong odor
	05/24/01	--	--	--	--	Clear w/blk particulates, sheen, strong odor
	11/18/01	--	--	--	--	Clear w/blk suspended solids, sheen
	04/20/02	--	--	--	--	Clear w/blk suspended solids, sheen
	10/31/02	--	--	--	--	Clear w/blk suspended solids, sheen
5-17B	11/20/95	7.4	7.65	13.4	1,525	Clear, no odor
	05/22/96	6.4	7.44	12.5	1,005	Clear
	08/14/96	NM	7.66	17.0	1,090	Clear
	11/20/96	NM	7.69	13.6	1,160	Clear
	02/27/97	4.57	7.64	11.6	930	Clear
	05/21/97	NM	7.64	14.2	990	Clear
	08/20/97	9.0/8.0	7.67	15.8	1,335	Clear, no odor

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	11/18/97	9.5	7.91	12.0	990	Clear
	02/11/98	NM	7.25	10.2	910	Clear
	06/10/98	9.4	7.67	13.9	1,331	Clear
	10/02/98	10.0	7.70	15.0	1,345	Clear
	04/28/99	--/7.8	7.69	13.7	1,344	Clear
	10/13/99	8.8/9.0	7.77	12.9	1,381	Clear
	05/12/00	8.2	7.76	12.9	1,363	Clear
	11/17/00	8.5	7.78	13.1	1,385	Clear
	05/23/01	9.2/8.0	7.73	14.6	1,405	Clear
	11/17/01	NM	7.73	14.9	1,388	Clear
	04/19/02	8.4	7.80	14.8	1,401	Clear
	10/31/02	8.5	7.75	15.3	1,361	Clear
5-18B	11/17/95	1.4	7.68	14.0	720	Clear, HC odor
	02/21/96	5.6	7.76	12.2	760	Clear, HC odor
	05/22/96	1.5	7.62	13.3	790	Clear
	08/14/96	2.38	8.27	14.2	1071	Clear, HC odor
	11/20/96	2.3	7.70	13.0	890	Clear, HC odor
	02/27/97	1.29	7.78	11.7	988	Clear, HC odor
	05/22/97	4.45	7.71	13.3	1065	Clear, HC odor
	08/19/97	0.8/0.4	7.69	14.1	988	Clear, HC odor
	11/17/97	7.76	7.72	12.9	860	Clear
	02/11/98	2.28	7.33	12.8	790	Clear, HC odor
	06/10/98	0.6/0.6	7.61	13.6	1095	Clear, Odor
	09/30/98	2.2/0.8	7.60	15.6	1142	Clear, HC odor
	04/28/99	--/1.4	7.53	12.7	1144	Clear, HC odor
	10/12/99	2.3/2.0	7.64	14.0	1164	Clear, HC odor
	05/12/00	2.4	7.54	13.4	1198	Clear, Odor
	11/16/00	3.8	7.52	13.0	1257	Clear, Odor
	05/24/01	3.8	7.51	15.7	1264	Clear
	11/17/01	3.8	7.51	15.4	1234	Clear
	04/20/02	2.0	7.61	14.5	1124	Clear
	10/31/02	1.0	7.56	15.5	1112	Clear, slight odor
5-19B	11/20/95	2.00	7.68	13.0	700	Clear, slight HC odor
	02/21/96	4.4	7.81	12.7	730	Clear, HC odor
	05/22/96	2.0	7.78	14.1	1,023	Clear, slight HC odor
	08/14/96	3.0	7.99	14.7	1,022	Clear
	11/21/96	3.2	7.79	12.8	840	Clear, HC odor
	02/27/97	1.9/1.8	7.83	10.2	951	Clear, HC odor
	05/21/97	2.7	7.84	12.8	1,002	Clear, HC odor
	08/20/97	2.5/1.6	7.82	15.7	939	Clear, HC odor
	11/17/97	3.68/1.0	7.91	12.3	800	Clear, Slight HC odor
	02/11/98	2.26	7.47	12.0	710	Clear, HC odor
	06/10/98	0.5	7.80	13.8	968	Clear, Odor
	10/01/98	0.2/0.4	7.75	14.0	982	Clear, HC odor
	04/28/99	--/0.4	7.89	12.7	982	Clear, HC odor
	10/12/99	0.2	8.00	13.6	990	Clear, HC odor
	05/12/00	0.6/0.8	7.89	13.0	986	Clear, slight odor
	11/17/00	1.2/1.4	7.96	13.2	999	Clear, Odor
	05/24/01	1.8/1.6	7.93	14.9	1,007	Clear
	11/17/01	1.5	7.92	15.2	1,019	Clear
	04/19/02	0.7	8.00	15.1	1,038	Clear
	10/31/02	2.6	7.95	15.5	1,051	Clear
5-20B	11/17/95	2.9	7.16	13.7	1,200	Clear, slight HC odor
	05/22/96	1.8	7.18	14.4	1,120	Clear
	08/14/96	4.84	7.82	16.2	1,629	Clear, HC odor
	11/20/96	NM	7.04	12.5	1,180	Clear
	02/27/97	1.51	7.21	11.1	1,120	Slightly Cloudy
	05/22/97	1.83/1.0	7.39	13.4	1,537	Clear, HC odor
	08/19/97	2.5/1.2	7.13	16.9	1,590	Clear, HC odor
	11/18/97	6.91	7.42	12.4	1,200	Clear, HC odor
	02/11/98	0.00	7.35	10.9	1,369	Clear
	06/09/98	2.80	7.29	16.1	1,481	Clear
	10/01/98	2.4/1.8	7.31	15.8	1,467	Clear

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	04/28/99	--/0.8	7.30	13.4	1,362	Clear
	10/12/99	2.6/2.2	7.46	14.4	1,334	Clear
	05/12/00	0.5/0.6	7.25	12.7	1,325	Clear, slight odor
	11/16/00	1.4/1.4	7.45	12.7	1,337	Clear, slight odor
	05/24/01	1.1/0.8	7.48	14.4	1,290	Clear, slight odor
	11/17/01	1.4	7.52	15.2	1,260	Clear, slight odor
	04/19/02	0.7	7.49	14.9	1,275	Clear
	10/31/02	1.1	7.48	15.3	1,292	Clear
5-22B	11/15/95	6.4	7.70	12.9	990	Clear, no odor
	02/22/96	6.6	7.47	12.3	1,030	Turbid, very light brown, no odor
	05/20/96	NM	8.32	13.8	1,549	Slightly turbid
	08/12/96	8.01	7.63	15.0	1,100	Turbid, no odor
	11/18/96	5.6	7.48	12.2	1,300	Slightly cloudy
	02/27/97	3.53	7.39	10.0	1,180	Turbid, HC odor
	05/22/97	NM	7.49	13.0	1,899	Turbid
	08/20/97	3.0/2.2	7.32	14.8	2,060	Clear, HC odor
	11/18/97	--/1.8	7.80	13.6	1,740	Turbid, slight odor
5-23B	11/16/95	3.8	7.31	13.3	800	Clear, no odor
	05/22/96	2.6	7.66	13.0	1,077	Clear
	08/13/96	5.06	8.80	15.0	780	Clear
	11/19/96	4.4	7.69	13.0	880	Clear
	02/26/97	--/3.4	7.73	11.8	1,018	Clear, no odor (3.4 DO is low range of Hach)
	05/21/97	4.1/4.0	7.73	12.6	1,036	Clear, (low range Hach DO = 3.8)
	08/19/97	3.0/2.8	7.75	14.5	949	Clear
	11/17/97	2.0	7.74	11.1	920	Clear
	02/10/98	1.0	7.77	10.7	928	Clear
	06/08/98	2.8/2.2	7.01	13.7	1,004	Clear
	09/29/98	2.6/2.0	7.67	13.7	1,013	Clear
	04/27/99	2.6/2.0	7.72	12.9	1,015	Clear
	10/12/99	1.6/1.8	7.83	12.8	1,024	Clear
	05/11/00	1.5/1.8	7.77	13.0	1,035	Clear
	05/23/01	2.1	7.72	14.0	1,084	Clear
	04/19/02	1.5	7.72	15.0	1,103	Clear
5-24B	11/17/95	1.7	7.33	13.2	1,050	Slight cloudy, HC odor
	05/21/96	3.5	7.41	13.9	1,050	Clear
	08/13/96	2.32	8.07	16.0	1,050	Clear
	11/19/96	3.30	7.36	12.6	1,210	Slightly turbid, faint odor
	02/26/97	--/1.4	7.42	11.6	1,468	Clear, slight odor
	05/20/97	4.83	7.56	12.6	1,240	Clear
	05/21/97	3.44	7.24	13.1	1,110	Slight odor, little cloudy
	08/19/97	3.8/4.0	7.32	15.5	1,568	Slightly turbid, Red
	11/18/97	2.20	7.39	12.2	1,386	Slightly turbid
	02/10/98	3.2/3.0	7.44	11.2	1,392	Slightly turbid
	06/09/98	4.30	7.34	14.6	1,492	Cloudy, turbid
	09/29/98	5.5	7.32	13.6	1,499	Turbid
	04/27/99	9.7/8.0	7.37	14.1	1,501	Slightly Cloudy
	10/11/99	4.3	7.46	13.6	1,468	Very Turbid
	05/11/00	4.8	7.43	13.5	1,454	Cloudy
	11/16/00	7.4/6.0	7.52	12.6	1,467	Red, very turbid
	05/23/01	2.9	7.52	15.0	1,475	Turbid, redish color
	11/17/01	4.9	7.54	15.3	1,449	Clear
	04/19/02	2.2	7.56	15.0	1,426	Very turbid, red sand
	10/31/02	4.1	7.62	15.3	1,413	Very turbid
5-37i	08/15/96	1.67	8.48	17.2	1382	Turbid, green cloudy color, strong HC odor
	11/22/96	NM	7.70	14.9	1,080	Greenish black, strong HC odor
5-41B	11/16/95	2.00	7.28	14.5	940	Clear, no odor
	05/21/96	1.82	7.41	15.8	920	Clear
	08/13/96	2.68	7.99	15.0	910	Clear
	11/19/96	3.80	7.41	13.8	1080	Clear
	02/25/97	1.65	7.43	12.5	930	Clear
	05/20/97	4.83/3.0	7.56	12.6	1230	Clear (Hach DO low range = 2.6)
	08/18/97	--/2.2	7.55	14.1	1285	Clear
5-47B	11/15/95	2.50	7.83	13.0	900	Slightly cloudy, no odor

Table 2. Summary of Field Measured Parameters
Thoreau Compressor Station No. 5

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µmhos)	Remarks
	05/21/96	4.70	7.54	14.6	1,080	Clear
	08/13/96	3.17	7.98	15.2	1,060	Clear
	11/19/96	NM	7.56	19.1	1,110	Clear
	02/26/97	2.20	7.71	11.0	1,000	Clear
	05/20/97	3.18/2.6	7.74	13.8	1,100	Slightly turbid
	08/18/97	--/4.0	7.68	16.3	1,470	Clear
5-48B	11/20/95	1.40	7.60	13.7	1,035	Clear, strong HC odor
	02/21/96	3.60	7.54	14.0	750	Very slightly cloudy, HC odor
	05/22/96	2.20	7.62	14.6	1,032	Clear, HC odor
	08/14/96	2.80	7.62	15.5	800	Clear, strong HC odor
	11/21/96	3.10	7.45	15.2	780	Clear, strong HC odor
	02/27/97	2.40	7.61	11.8	950	Clear, strong HC odor
	05/22/97	2.52	7.33	14.1	820	Clear, strong HC odor
	08/20/97	2.2/0.4	7.34	18.3	1,139	Yellow tint, strong HC odor
	11/19/97	5.57/1.6	7.48	14.0	900	Clear, strong HC odor
	02/12/98	2.23	7.44	14.8	810	Clear, HC odor
	06/11/98	3.6/2.0	7.53	16.3	1,176	Clear, HC odor
	10/01/98	0.2	7.56	15.7	1,239	Cloudy w/blk flec's, turns dark in light,odor
	04/28/99	--	7.47	15.4	1,261	Clear w/blk flec's, strong HC odor, sheen
	10/12/99	--	--	--	--	Clear w/blk flec's, strong HC odor, sheen
	05/12/00	--	--	--	--	Blk, turbid, odor, sheen streamers
	11/17/00	--	--	--	--	Blk, turbid, odor, sheen streamers
	05/22/01	--	--	--	--	Blk, turbid, odor, sheen streamers
	11/18/01	--	--	--	--	Blk, suspended solids, odor, sheen
	04/20/02	0.9	7.54	15.7	1524.0	Turbid, odor
	10/30/02	--	--	--	--	Blk, suspended solids, turbid, odor, sheen
5-57B	11/15/95	4.60	7.59	13.1	880	Brown muddy
	05/20/96	3.10	8.75	13.2	1,212	Slightly turbid
	08/12/96	5.24	7.76	14.0	875	Slightly turbid, no odor
	11/18/96	5.4/2.2	7.53	12.9	980	Slightly cloudy
	02/25/97	--/3.4	7.71	10.6	1,191	Light amber, no odor
	05/20/97	6.01	7.69	12.8	1,130	Slightly cloudy, reddish tint, no odor
	08/18/97	0.7/2.6	7.69	14.4	1,071	Slightly turbid
5-58B	11/16/95	8.10	7.47	14.8	740	Cloudy brown, no odor
	05/20/96	6.70	8.71	13.2	1073	Slightly turbid
	08/12/96	6.44	7.71	14.5	750	Slightly turbid, no odor
	11/18/96	7.00	7.58	12.6	880	Slightly cloudy
	02/25/97	7.0b	7.69	11.4	1073	Light amber, no odor
	05/20/97	6.84	7.73	13.2	790	Slightly turbid
	08/18/97	5.8/6.5	7.68	15.2	964	Slightly turbid
5-59	11/18/01	6.2	7.50	14.5	1430	Turbid
	04/20/02	6.7	7.60	14.1	1431	Turbid
	10/30/02	8.1	7.68	14.6	1437	Very turbid
5-60	11/18/01	6.5	7.67	14.5	1296	Very turbid
	04/20/02	6.6	7.74	14.1	1291	Very turbid, red silt
	10/30/02	7.4	7.67	14.9	1272	Turbid
SVE-1	05/11/00	7.8	7.90	13.5	992	Red turbid
	11/16/00	8.0	7.85	13.6	1008	Red turbid
	11/18/01	8.3	7.90	15.6	1016	Turbid
	04/18/02	8.3	7.96	15.7	1017	Turbid, bailing down
	10/30/02	8.5	7.58	16.1	1000	Turbid

HC = Hydrocarbon

NM = Not measured

(a) Value above theoretical dissolved oxygen concentration for this altitude; therefore, measurement is suspect.

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
5-01B	12/89	ER	< 5.0	6.3	< 5.0	NA
	03/90	ER	< 5.0	< 5.0	< 5.0	25
	06/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	< 1	< 1	< 1	3.5
	11/90	EH	< 0.50	< 0.50	< 0.50	3.0
	01/91	EH	< 1.0	< 1.0	< 1.0	4.8
	02/91	EH	1.6	< 0.50	< 0.50	4.6
	03/91	EH	2.0	< 0.50	< 0.50	5.2
	04/91	EH	1.2	< 0.50	< 0.50	3.6
	05/91	EH	< 0.50	< 0.50	< 0.50	5.4
	06/91	EH	< 0.50	0.63	< 0.50	1.9
	07/91	EH	< 0.50	< 0.50	< 0.50	6.0
	09/91	EH	< 0.50	< 0.50	< 0.50	7.8
	10/91	ER	< 0.50	< 0.50	< 0.50	6.4
	11/91	ER	< 0.50	< 0.50	< 0.50	9.8
	12/91	ER	< 0.50	< 0.50	< 0.50	2.4
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	0.79
	02/20/92	ER	< 0.50	< 0.50	< 0.50	5.2
	03/18/92	ATI-P	< 2.5	< 0.5	< 0.5	3.3
	04/29/92	ATI-P	< 0.5	< 0.5	< 0.5	2.3
	10/14/92	ATI-P	< 0.5	< 0.5	< 0.5	4.7
	12/13/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/27/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/21/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/22/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/15/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/22/96	HEAL	0.8	< 0.5	< 0.5	< 0.5
	02/28/97	HEAL	0.6	< 0.5	< 0.5	< 0.5
	05/22/97	HEAL	1.2	< 0.5	< 0.5	< 0.5
	08/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-01C	11/23/97	HEAL	1.4	< 0.5	< 0.5	< 0.5
	01/08/98	HEAL	2.0	< 0.5	< 0.5	< 0.5
	02/12/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/11/98	HEAL	6.5	< 0.5	< 0.5	< 0.5
	10/02/98	HEAL	5.2	< 0.5	< 0.5	< 0.5
	04/29/99	OAL	< 1	< 1	< 1	< 1
	10/14/99	OAL	< 1	< 2	< 2	< 4
Pulled pump	05/12/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-02B	05/89	ER	1800	2000	< 200	NA
	08/89	ER	2500	4700	< 500	NA
	11/89	ER	1800	3100	250	NA
	03/90	ER	2300	3800	< 250	2400
	06/90	ER	1900	3100	< 250	2300
	08/90	AS	1400	2300	180	1700
	11/90	EH	1500	2400	230	1900
	01/91	EH	600	730	110	940
	02/91	EH	460	580	75	600
	03/91	EH	2400	3300	290	2600
	04/91	EH	830	1200	110	920
	05/91	EH	830	1200	150	1300
	06/91	EH	5.1	7.0	0.57	4.7
	07/91	EH	400	600	49	420
	09/91	EH	510	750	57	530
	10/91	ER	290	450	37	310
	11/91	ER	740	1200	97	950
	12/91	ER	330	580	31	320
	01/09/92	ER	360	710	52	480
	01/28/92	ER	420	810	64	560
	02/20/92	ER	890	1600	140	1200
	03/19/92	ATI-P	910	2100	170	1700
	04/29/92	ATI-P	1700	3800	240	2200
	10/14/92	ATI-P	800	700	74	640
	04/22/93	ATI-A	120	< 0.5	11	38
	12/09/94	HEAL	2100	2600	220	1800
	06/26/95	HEAL	1200	2700	130	1200
	10/06/95	HEAL	490	1600	66	640
	11/21/95	HEAL	740	2900	160	1100
	02/22/96	HEAL	260	1000	62	600
	05/21/96	HEAL	380	120	1300	1100
	08/14/96	HEAL	420	1200	100	880
	11/21/96	HEAL	660	1300	150	1600
	02/28/97	HEAL	260	500	90	680
5-02C	11/23/97	HEAL	26	2.7	9.1	2.7
	02/11/98	HEAL	110	7.0	33	8.3
	06/10/98	HEAL	460	1000	120	750
	10/01/98	HEAL	1300	3500	230	1800
	04/28/99	OAL	1500	4400	260	2500
	10/13/99	OAL	1300	3900	320	3100
	05/13/00	OAL	980	3400	340	3500
	11/17/00	NCA	671	1000	372	3820
	05/24/01	Analysys	446	60	340	3406
	11/17/01	Analysys	587	15.2	365	3622

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	04/20/02	HEAL	450	< 10	300	3100
	10/31/02	HEAL	330	< 5.0	230	2000
5-03B	05/89	ER	< 5.0	< 5.0	< 5.0	NA
	11/89	ER	< 5.0	< 5.0	< 5.0	NA
	04/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	05/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1
	01/91	EH	< 0.30	< 0.30	< 0.30	< 0.60
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	1.4	< 0.50	2.2
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	09/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	11/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	12/09/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/24/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/11/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	04/18/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
5-04B	10/89	ER	< 25	< 25	< 25	NA
	12/89	ER	18	< 5.0	< 5.0	NA
	01/90	ER	21	< 5.0	< 5.0	NA
	04/90	ER	54	< 5.0	7.1	110
	06/90	ER	60	< 50	< 50	64
	08/90	AS	63	9.5	< 1	15
	11/90	EH	25	< 5.0	< 5.0	< 10
	01/91	EH	22	1.6	0.75	5.6
	03/91	EH	76	11	< 0.50	5.7
	04/91	EH	39	0.66	< 0.50	2.9
	05/91	EH	90	1.1	0.96	13
	06/91	EH	81	21	14	87
	07/91	EH	71	< 0.5	4.5	43
	09/91	EH	270	< 1.0	6.6	54
	10/91	ER	180	< 5.0	7.8	48
	11/91	ER	< 1.2	< 1.2	11	83
	12/91	ER	100	< 2.5	5.1	45
	01/10/92	ER	53	< 1.2	3.7	44
	01/28/92	ER	48	2.8	6.5	44
	02/19/92	ER	42	< 1.0	3.4	39
	03/18/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	86	80	60	570
	10/13/92	ATI-P	230	40	19	260
	04/21/93	ATI-A	170	130	26	280
	12/12/94	HEAL	12	2.2	3.4	3.3
	12/20/94	HEAL	2.7	0.7	< 0.5	1.3
	01/10/95	HEAL	9.8	2.3	< 0.5	2.0
	03/07/95	HEAL	93	1.5	6.1	1.9
	06/08/95	HEAL	9.4	1.4	0.6	< 0.5
	06/26/95	HEAL	15	< 0.5	0.7	< 0.5
	10/05/95	HEAL	44	1.7	3.1	< 0.5
	11/17/95	HEAL	9.9	1.1	0.6	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/14/00	OAL	3	< 2	< 2	< 4
	11/17/00	NCA	1.65	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	1.72	< 1	< 1	< 2
	11/18/01	Analysys	<1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-05B	10/89	ER	< 5.0	< 5.0	8.7	NA
	11/89	ER	< 5.0	< 5.0	< 5.0	NA
	04/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	06/90	ER	< 5.0	< 5.0	< 5.0	< 5.0
	08/90	AS	2.5	< 1	< 1	4.6
	11/90	EH	1.4	< 0.50	< 0.50	2.9

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	01/91	EH	< 0.50	< 0.50	< 0.50	0.56
	02/91	EH	49	35	7.4	56
	03/91	EH	12	1.2	< 0.50	< 1.0
	04/91	EH	1.3	< 0.50	< 0.50	< 1.0
	05/91	EH	4.6	< 0.50	< 0.50	< 1.0
	06/91	EH	3.8	< 0.50	< 0.50	< 1.0
	07/91	EH	0.51	< 0.50	< 0.50	< 1.0
	09/91	EH	3.0	< 0.50	< 0.50	< 1.0
	10/91	ER	0.90	< 0.50	< 0.50	< 0.50
	11/91	ER	1.2	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/09/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	53	< 0.5	11	84
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/12/92	ATI-P	770	110	25	160
	04/21/93	ATI-A	38	< 0.5	2.4	3
	12/12/94	HEAL	150	33	16	47
	06/26/95	HEAL	17	0.7	1.6	0.9
	10/05/95	HEAL	8.2	< 0.5	0.9	< 0.5
	11/17/95	HEAL	5.0	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	0.9	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	1.0	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	0.9	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	3.3	1.5	< 0.5	< 0.5
	02/25/97	HEAL	3.0	1.4	< 0.5	0.6
	10/14/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	0.981	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	1.61	< 1	< 1	< 2
	11/18/01	Analysys	7.4	< 1	< 1	< 2
	04/18/02	HEAL	5.2	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	3.4	< 0.50	< 0.50	< 0.50
5-06B	10/89	ER	15	< 5.0	< 5.0	NA
	12/89	ER	7.4	35	21	NA
	01/90	ER	< 5.0	< 5.0	8.3	NA
	04/90	ER	5.3	< 5.0	< 5.0	120
	06/90	ER	< 5.0	< 5.0	< 5.0	19
	08/90	AS	< 1	< 1	1.5	36
	11/90	EH	1.8	< 0.50	0.5	21
	01/91	EH	< 1.0	< 1.0	< 1.0	31
	02/91	EH	12	2.5	< 0.50	21
	03/91	EH	2.0	< 0.50	< 0.50	5.1
	04/91	EH	5.2	< 0.50	< 0.50	12

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	05/91	EH	7.7	< 0.50	< 0.50	18
	06/91	EH	11	2.3	< 0.50	25
	07/91	EH	1.5	< 0.50	< 0.50	15
	09/91	EH	3.5	< 0.50	< 0.50	13
	10/91	ER	3.1	0.62	0.77	9.3
	11/91	ER	1.4	< 0.50	< 0.50	6.0
	11/91	ATI	2.3	< 0.50	< 0.50	18
	12/91	ER	< 0.50	< 0.50	< 0.50	5.0
	01/09/92	ER	2.3	< 0.50	< 0.50	< 0.50
	01/27/92	ER	1.3	< 0.50	< 0.50	2.6
	02/20/92	ER	1.0	< 0.50	< 0.50	1.2
	03/18/92	ATI-P	0.9	< 0.50	< 0.50	2.3
	04/29/92	ATI-P	1.4	< 0.50	< 0.50	3.6
	10/14/92	ATI-P	1.0	< 0.50	< 0.50	2.8
	12/14/94	HEAL	4.3	< 0.50	< 0.50	0.7
	06/27/95	HEAL	2.2	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	4.6	< 0.5	< 0.5	< 0.5
	11/21/95	HEAL	6.2	< 0.5	< 0.5	< 0.5
	02/22/96	HEAL	4.3	< 0.5	< 0.5	< 0.5
	04/17/96	HEAL	8.9	< 0.5	< 0.5	0.5
	04/17/96	AEN	9.4	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	1.2	< 0.5	< 0.5	< 0.5
	08/15/96	HEAL	2.4	< 0.5	< 0.5	< 0.5
	11/22/96	HEAL	0.9	< 5.0	< 5.0	< 0.5
	02/28/97	HEAL	0.9	< 5.0	< 5.0	< 0.5
	05/22/97	HEAL	0.7	< 5.0	< 5.0	< 0.5
	08/20/97	HEAL	0.7	< 5.0	< 5.0	< 0.5
5-06C	11/23/97	HEAL	1.4	0.6	< 5.0	11
	12/08/98	HEAL	1.0	< 0.5	< 0.5	5.7
	01/08/98	HEAL	1.9	< 0.5	< 0.5	3.1
	02/12/98	HEAL	2.2	1.4	< 0.5	1.3
	06/11/98	HEAL	1.2	0.6	< 0.5	< 0.5
	10/02/98	HEAL	1.5	1.3	< 0.5	< 0.5
	04/29/99	OAL	< 1	< 1	< 1	< 1
	10/14/99	OAL	< 1	< 2	< 2	< 4
	05/13/00	OAL	1	< 2	< 2	< 4
Pulled pump	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/22/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	1.19	< 1	< 1	< 2
	04/20/02	HEAL	1.1	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-12B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	1.5	4.7	0.79	3.8
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-13B	08/90	AS	54	13	< 1	330
	11/90	EH	61	< 10	< 10	480
	01/91	EH	180	17	< 5.0	310
	02/91	EH	270	25	< 10	460
	03/91	EH	240	< 50	< 50	480
	04/91	EH	430	< 0.50	< 0.50	620
	05/91	EH	290	< 10	< 10	450
	06/91	EH	330	0.53	< 0.50	600
	07/91	EH	97	0.72	< 0.50	760
	10/91	ER	71	< 5.0	< 5.0	510
	01/08/92	ER	150	< 25	< 25	570
	05/01/92	ATI-P	76	8.0	< 0.5	67
	10/13/92	ATI-P	88	8.7	< 0.5	1.5
	10/05/95	HEAL	0.6	2.5	0.5	1.9
	11/20/95	HEAL	< 0.5	< 0.5	0.6	2.0
	02/21/96	HEAL	1.0	0.7	< 0.5	< 0.5
	05/21/96	HEAL	0.7	< 0.5	< 0.5	0.8
	08/13/96	HEAL	1	5.4	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	11/21/96	HEAL	1.2	6.1	< 0.5	< 0.5
	02/26/97	HEAL	1.5	5.9	< 0.5	2.5
	05/21/97	HEAL	1.1	4.3	< 0.5	0.7
	08/19/97	HEAL	1.2	2.9	< 0.5	0.6
	11/18/97	HEAL	1.3	2	< 0.5	< 0.5
	02/11/98	HEAL	0.9	1.5	< 0.5	< 0.5
	06/09/98	HEAL	0.8	0.7	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	1.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-14B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	2.8	3.2	0.53	2.0
	07/91	EH	0.60	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/06/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	2.6	1.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	05/24/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-15B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	2.1	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.30	< 0.30	< 0.30	1.0
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	07/91	EH	< 0.50	0.59	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/05/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	0.9	< 0.5	< 0.5	0.5
	02/11/98	HEAL	1.5	< 0.5	1.0	1.2
	06/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/30/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	< 1	< 2	< 2	< 4
	05/24/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-16B	08/90	AS	19	25	50	320
	01/91	EH	< 0.30	< 0.30	< 0.30	< 0.60
	02/91	EH	320	46	170	860
	03/91	EH	920	14	1.2	130
	04/91	EH	92	< 0.50	0.68	9.2
	05/91	EH	270	< 12	230	1100
	06/91	EH	450	490	460	2300
	07/91	EH	260	140	400	2400
	09/91	EH	460	320	550	3600
	10/91	ER	170	420	460	3200
	11/91	ER	180	430	330	2400
	12/91	ER	140	490	360	2900

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	01/08/92	ER	200	500	410	3000
	02/20/92	ER	170	330	470	3200
	03/18/92	ATI-P	53	89	400	2400
	04/29/92	ATI-P	23	3.3	210	1000
	10/13/92	ATI-P	5.1	2.3	12	63
	04/20/93	ATI-A	6.5	< 0.5	14	51
	10/05/95	HEAL	610	5900	300	2600
	11/20/95	HEAL	970	7100	430	3100
	02/21/96	HEAL	1700	6900	340	3600
	05/21/96	HEAL	1500	280	6900	3500
	08/15/96	HEAL	670	3600	130	2400
	11/21/96	HEAL	460	2200	130	2500
	02/27/97	HEAL	250	1100	190	2000
	05/22/97	HEAL	130	720	110	1500
	08/20/97	HEAL	130	820	120	1300
	11/19/97	HEAL	85	730	100	1100
	02/11/98	HEAL	41	360	90	660
	06/10/98	HEAL	23	210	56	590
	10/01/98	HEAL	140	190	66	590
	04/28/99	OAL	200	170	45	620
	10/13/99	OAL	610	630	79	600
	12/05/99	OAL	720	390	130	570
	05/12/00	OAL	600	290	92	360
	11/17/00	NCA	1360	742	213	1010
	05/24/01	Analysys	1240	487	174	1105
	11/18/01	Analysys	2330	948	356	1987
	04/20/02	HEAL	1800	660	230	1400
	10/31/02	HEAL	1300	240	170	1100
5-17B	08/90	AS	< 1	< 1	< 1	< 1
	11/90	EH	< 0.50	< 0.50	< 0.50	< 1.0
	01/91	EH	< 0.50	< 0.50	< 0.50	< 0.50
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	0.72	2.9	1.8	11
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/08/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/06/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/27/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/01/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/99	OAL	< 1	< 1	< 1	< 1
	10/13/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	< 1	< 2	< 2	< 4
	11/17/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-18B	08/90	AS	1100	14	< 1	220
	11/90	EH	1900	< 100	< 100	320
	01/91	EH	1300	< 25	< 25	170
	02/91	EH	970	11	< 5.0	170
	03/91	EH	260	1.8	< 0.50	23
	04/91	EH	1000	< 1.0	< 1.0	78
	06/91	EH	680	1.1	1.0	150
	07/91	EH	1500	3.0	1.5	70
	10/91	ER	1200	< 25	< 25	130
	01/08/92	ER	1100	< 25	< 25	88
	05/01/92	ATI-P	790	2.7	< 0.5	36
	10/13/92	ATI-P	820	< 0.5	1.0	36
	04/22/93	ATI-A	360	< 0.5	0.5	2.6
	10/05/95	HEAL	87	8.4	9.0	26
	11/17/95	HEAL	240	24	22	53
	02/21/96	HEAL	290	54	37	110
	05/21/96	HEAL	390	56	1.3	50
	08/14/96	HEAL	400	< 0.5	53	0.9
	11/21/96	HEAL	210	5	48	< 0.5
	02/27/97	HEAL	9.4	5.2	64	1.5
	05/22/97	HEAL	< 0.5	4.7	88	0.8
	08/19/97	HEAL	1.1	4.9	110	1.5
	11/17/97	HEAL	0.9	6	140	1.1
	02/11/98	HEAL	0.9	6.4	120	1.1
	06/10/98	HEAL	< 0.5	6.2	64	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	09/30/98	HEAL	5.6	1.3	17	1.0
	04/28/99	OAL	2	< 1	< 1	2.0
	10/12/99	OAL	17	< 2	5	42
	05/12/00	OAL	10	< 2	12	14
	11/16/00	NCA	1.93	< 0.500	< 0.500	1.60
	05/24/01	Analysys	2.92	< 1	< 1	< 2
	11/17/01	Analysys	<1	< 1	< 1	< 2
	04/20/02	HEAL	0.55	< 0.50	0.72	0.89
	10/31/02	HEAL	0.68	< 0.50	< 0.50	0.95
5-19B	08/90	AS	190	3.5	5.8	44
	11/90	EH	180	11	< 10	< 20
	01/91	EH	150	< 0.30	0.60	15
	02/91	EH	200	5.8	< 2.5	14
	03/91	EH	200	30	180	880
	04/91	EH	290	< 25	210	880
	05/91	EH	240	< 0.50	0.71	21
	06/91	EH	290	7.5	2.2	22
	07/91	EH	240	< 0.50	0.58	14
	10/91	ER	140	< 2.5	< 2.5	12
	01/08/92	ER	240	< 5.0	< 5.0	9.0
	02/20/92	ER	150	< 2.5	< 2.5	4.2
	03/19/92	ATI-P	140	< 0.5	< 0.5	5.9
	04/29/92	ATI-P	190	< 0.5	< 0.5	4.3
	10/13/92	ATI-P	130	< 0.5	< 0.5	4.4
	10/05/95	HEAL	1.0	0.7	< 0.5	< 0.5
	11/20/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/21/96	HEAL	0.9	0.8	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/14/96	HEAL	0.7	0.6	< 0.5	< 0.5
	11/21/96	HEAL	0.9	0.6	< 0.5	< 0.5
	02/27/97	HEAL	1.3	1	< 0.5	0.7
	05/21/97	HEAL	1.2	1	< 0.5	< 0.5
	08/20/97	HEAL	1.7	1.3	0.6	< 0.5
	11/17/97	HEAL	2.5	2.0	0.9	0.7
	02/11/98	HEAL	2.3	1.8	0.8	0.7
	06/10/98	HEAL	1.5	1.4	1.5	0.6
	10/01/98	HEAL	7.4	3.9	1.6	2.9
	04/28/99	OAL	43	< 1	1	3
	10/12/99	OAL	13	< 2	< 2	< 4
	05/12/00	OAL	16	< 2	3	4
	11/17/00	NCA	1.03	< 0.500	1.88	< 1.00
	05/24/01	Analysys	< 1	< 1	1.17	< 2
	11/17/01	Analysys	< 1	< 1	< 1	<2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
5-20B	08/90	AS	58	8.0	< 1	51
	11/90	EH	180	< 5.0	< 5.0	12
	01/91	EH	93	14	< 1.0	23
	02/91	EH	280	14	< 10	46
	02/91	EH	110	< 5.0	< 5.0	< 5.0
	03/91	EH	200	< 5.0	< 5.0	< 10
	04/91	EH	180	< 1.0	< 1.0	19
	05/91	EH	160	< 5.0	< 5.0	32
	06/91	EH	300	1.1	< 0.50	15
	07/91	EH	73	1.1	1.0	24
	10/91	ER	57	2.2	< 1.2	11
	01/08/92	ER	31	< 1.2	< 1.2	6.7
	05/01/92	ATI-P	55	3.9	4.9	6.2
	10/12/92	ATI-P	52	2.7	4.4	11
	04/21/93	ATI-A	14	< 0.5	6.1	10
	10/05/95	HEAL	3.2	0.7	3.5	< 0.5
	11/17/95	HEAL	12	2.3	< 0.5	2.6
	02/21/96	HEAL	2.8	1.7	2.7	2.3
	05/21/96	HEAL	1.7	1.3	0.8	< 0.5
	08/14/96	HEAL	8.1	0.7	0.8	1.5
	11/20/96	HEAL	7.2	0.9	1.4	< 0.5
	02/27/97	HEAL	12	1.3	1.8	3.3
	05/22/97	HEAL	2.0	0.7	0.8	0.5
	08/19/97	HEAL	10.0	1.0	1.9	1.4
	11/18/97	HEAL	4.3	0.8	1.1	1.1
	02/11/98	HEAL	< 0.5	1.3	2.3	0.5
	06/09/98	HEAL	15	0.8	0.7	< 0.5
	10/01/98	HEAL	1.5	1.4	1.5	1.3
	04/28/99	OAL	< 1	< 1	1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/12/00	OAL	1	< 2	2	< 4
	11/16/00	NCA	0.961	< 0.500	0.763	< 1.00
	05/24/01	Analysys	3.28	< 1	< 1	< 2
	11/17/01	Analysys	<1	<1	<1	<2
	04/19/02	HEAL	0.86	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	0.76	0.70	< 0.50	< 0.50
5-22B	10/90	AS	< 1	< 1	< 1	< 1
	01/91	EH	< 0.50	< 0.50	< 0.50	< 0.50
	02/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	03/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	04/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	05/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	06/91	EH	1.9	5.5	13	58
	07/91	EH	< 0.50	< 0.50	< 0.50	< 1.0
	09/91	EH	< 0.50	< 0.50	< 0.50	< 1.0

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	10/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	11/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/10/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/28/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/18/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/28/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	12/12/94	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	10/03/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	1.9
	02/27/97	HEAL	5.6	9.3	< 0.5	65
	05/22/97	HEAL	3.6	< 0.5	< 0.5	7.1
	08/20/97	HEAL	3.2	7.3	< 0.5	5.3
	11/18/97	HEAL	3.8	2.3	< 0.5	0.6
5-23B	10/90	AS	5.3	< 1	< 1	< 1
	11/90	EH	5.1	< 0.50	< 0.50	< 1.0
	01/91	EH	3.0	< 0.50	< 0.50	< 0.60
	02/91	EH	6.6	< 0.50	< 0.50	< 1.0
	03/91	EH	8.5	< 0.50	< 0.50	1.2
	04/91	EH	5.0	< 0.50	< 0.50	< 1.0
	05/91	EH	120	< 0.50	< 0.50	7.5
	06/91	EH	3.8	0.55	< 0.50	5.7
	07/91	EH	2.0	< 0.50	< 0.50	1.3
	09/91	EH	2.1	< 0.50	< 0.50	1.1
	10/91	ER	1.6	< 0.50	< 0.50	< 0.50
	11/91	ER	0.59	< 0.50	< 0.50	< 0.50
	12/91	ER	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	ER	0.65	< 0.50	< 0.50	< 0.50
	02/18/92	ER	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	04/30/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/09/92	ATI-P	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/22/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/19/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/10/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	06/08/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1
	10/12/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-24B	10/90	AS	63	< 1	2.0	1.6
	11/90	EH	100	< 5.0	< 5.0	< 10
	01/91	EH	40	0.55	0.74	< 1.0
	02/91	EH	150	16	< 5.0	21
	03/91	EH	89	9.8	< 0.50	3.5
	04/91	EH	230	< 1.0	< 1.0	6.3
	05/91	EH	4.3	< 0.50	< 0.50	1.3
	06/91	EH	280	0.86	0.64	13
	07/91	EH	130	< 0.50	< 0.50	8.7
	09/91	EH	250	0.54	< 0.50	12
	10/91	ER	140	< 2.5	< 2.5	< 2.5
	11/91	ER	180	< 5.0	< 5.0	< 5.0
	12/91	ER	180	< 5.0	< 5.0	< 5.0
	01/07/92	ER	120	< 2.5	< 2.5	< 2.5
	02/18/92	ER	140	< 2.5	< 2.5	< 2.5
	03/17/92	ATI-P	120	< 2.5	0.8	1.4
	04/30/92	ATI-P	100	2.1	1.4	2.2
	10/13/92	ATI-P	1.2	< 0.5	0.8	0.8
	04/21/93	ATI-P	< 0.5	< 0.5	0.7	1.4
	10/03/95	HEAL	< 0.5	< 0.5	1.0	1.0
	11/17/95	HEAL	1.2	0.8	0.5	1.0
	02/20/96	HEAL	1.3	1.0	0.7	2.0
	05/21/96	HEAL	< 0.5	0.9	< 0.5	0.7
	08/13/96	HEAL	1.2	0.6	0.7	1.3
	11/19/95	HEAL	0.9	< 0.5	0.6	0.8
	02/26/97	HEAL	0.9	0.6	1	1.8
	05/21/97	HEAL	0.7	< 0.5	1	1.6
	08/19/97	HEAL	1.2	0.5	0.9	< 5.0
	11/18/97	HEAL	0.6	< 0.5	0.7	1.3
	02/10/98	HEAL	0.5	< 0.5	0.7	< 0.5
	06/09/98	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	09/29/98	HEAL	< 0.5	0.6	< 0.5	< 0.5
	04/27/99	OAL	< 1	< 1	< 1	< 1

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	10/11/99	OAL	< 1	< 2	< 2	< 4
	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	05/23/01	Analysys	< 1	< 1	< 1	< 2
	11/17/01	Analysys	< 1	< 1	< 1	< 2
	04/19/02	HEAL	< 0.50	< 0.50	< 0.50	0.59
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-34B	01/07/92	ER	120	< 2.5	< 2.5	< 2.5
	02/18/92	ER	140	< 2.5	< 2.5	< 2.5
	03/17/92	ATI-P	120	< 0.5	0.8	1.4
	04/30/92	ATI-P	100	2.1	1.4	2.2
	10/13/92	ATI-P	1.2	< 0.5	0.8	0.8
	04/21/93	ATI-A	< 0.5	< 0.5	0.7	1.4
	12/13/94	HEAL	4700	13,000	460	5,900
5-35B	04/22/93	ATI-A	360	1400	130	1700
5-36E	12/14/94	HEAL	620	2700	230	3300
5-37I	02/22/96	HEAL	640	520	24	990
	04/16/96	HEAL	580	300	22	600
	05/21/96	HEAL	590	19	340	600
	07/03/96	HEAL	1100	600	31	880
	08/15/96	HEAL	310	54	14	430
	11/22/96	HEAL	440	140	20	520
5-41B	10/09/92	ATI-P	47	3.9	0.7	1.0
	04/20/93	ATI-A	1.4	< 0.5	2.5	2.1
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-47B	10/07/92	ATI-P	1.0	< 0.5	< 0.5	< 0.5
	04/20/93	ATI-A	2.9	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	7.2	2.0	0.6	4.6
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/26/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-48B	10/12/92	ATI-P	380	1100	84	840

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	04/21/93	ATI-A	99	390	34	360
	10/05/95	HEAL	550	940	290	1900
	11/20/95	HEAL	820	1700	390	2600
	02/21/96	HEAL	690	1100	550	3300
	04/16/96	HEAL	600	1700	420	3100
	05/21/96	HEAL	620	480	3600	3600
	07/03/96	HEAL	670	5100	410	3500
	08/14/96	HEAL	770	7600	340	3900
	11/21/96	HEAL	960	8500	330	3900
	02/27/97	HEAL	1100	10000	430	4700
	05/22/97	HEAL	1100	8000	450	4400
	08/20/97	HEAL	1200	7000	440	4200
	11/19/97	HEAL	1400	6900	330	3900
	12/09/97	HEAL	1800	7700	430	4700
	01/08/98	HEAL	1600	7600	440	4100
	02/11/98	HEAL	2100	8000	460	4600
	06/11/98	HEAL	2100	8000	200	3800
	10/01/98	HEAL	2100	6100	420	4300
	04/28/99	OAL	1700	4400	140	3100
	10/12/99	OAL	1000	1900	320	2900
	05/12/00	OAL	1400	680	270	2200
	11/17/00	NCA	860	157	259	2360
	05/22/01	Analysys	683	194	28.8	1703
	11/18/01	Analysys	841	24.3	241	1893
	04/20/02	HEAL	1100	23	190	1700
	10/30/02	HEAL	5600	51	350	3100
5-57B	04/19/93	ATI-A	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/15/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/08/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-58B	04/19/93	ATI-A	< 0.5	< 0.5	< 0.5	< 0.5
	10/04/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/16/95	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	08/12/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	11/18/96	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	02/25/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
	05/20/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5

Table 3. Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	BTEX Concentration (ug/L)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
	08/18/97	HEAL	< 0.5	< 0.5	< 0.5	< 0.5
5-59	07/28/01	Analysys	< 1	< 1	< 1	< 2
	11/19/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/30/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
5-60	11/18/01	Analysys	< 1	< 1	< 1	< 2
	04/20/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
SVE-1	05/11/00	OAL	< 1	< 2	< 2	< 4
	11/16/00	NCA	< 0.500	< 0.500	< 0.500	< 1.00
	11/18/01	Analysys	<1	<1	<1	<2
	04/18/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	HEAL	< 0.50	< 0.50	< 0.50	< 0.50

† Lab Designations
ABB = ASEA Brown Boveri
AEN = American Environmental Network, Inc. (Albuquerque)
AS = Assaigai Laboratories (Albuquerque)
ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
OAL = Oregon Analytical Laboratory (Portland, OR)
NCA = North Creek Analytical (Portland, OR)
Analysys = Analysys Inc. (Austin, TX)
NA = Not Analyzed

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
5-01B	08/89	ER	2.1	1016
	12/89	ER	2.0	1242
	03/90	ER	94	1221
	06/90	ER	11	1242
	08/90	AS	2.0	1242
	11/90	EH	5.5	1242
	01/91	EH	28	1242
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	210	1221
	11/91	ER	76	1221
	12/91	ER	< 1.0	
	01/09/92	ER	< 1.0	
	01/27/92	ER	67	1221
	02/20/92	ER	82	1221
	03/18/92	ATI-P	54	1221
	04/29/92	ATI-P	71	1221
	10/14/92	ATI-P	82	1221
	12/13/94	ATI-P	4.9	1016
	06/27/95	NET	4.18	1242
	10/06/95	NET	< 0.65	
	11/21/95	NET	< 0.065	
	02/22/96	NET	< 0.065	
	04/17/96	NET	< 0.065	
	04/17/96	PA	0.93	1221
	05/24/96	NET	34	1221
	08/15/96	NET	14.2	1221
	11/22/96	EPIC	15.6	1221
	02/28/97	EPIC	15.2	1221
	05/22/97	EPIC	11.9	1221
	08/21/97	EPIC	18.2	1221
5-01C	11/23/97	EPIC	79.7/49.0	1221/1242
	01/08/98	HEAL	38	1221
	02/12/98	HEAL	< 1.0	
	06/11/98	HEAL	38	1221
	10/02/98	HEAL	10	1221
	04/29/99	OAL	3.8/9.8	1016/1221
	10/14/99	OAL	4.9/3.5	1016/1221
Pulled pump	05/12/00	OAL	2.7	1016
	11/17/00	NCA	1.9	1242
	05/22/01	Analysys	< 1	
	11/19/01	Analysys	13.5	1016/1242
	04/20/02	NCA	1.37	1221
	10/30/02	HEAL	1.5	1016

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
5-02B	05/89	ER	< 1.0	
	08/89	ER	< 1.0	
	11/89	ER	< 1.0	
	03/90	ER	< 1.0	
	06/90	ER	< 5.0	
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/09/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/20/92	ER	< 1.0	
	03/19/92	ATI-P	< 0.5	
	04/29/92	ATI-P	< 25.0	
5-03B	05/89	ER	< 1.0	
	11/89	ER	< 1.0	
	04/90	ER	< 1.0	
	05/90	ER	< 1.0	
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 0.1	
	12/91	ER	< 0.1	
	01/09/92	ER	< 1.0	
	01/27/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-04B	12/89	ER	< 1.0	
	01/90	ER	< 1.0	
	04/90	ER	< 1.0	
	06/90	ER	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/10/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/18/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-05B	10/89	ER	< 1.0	
	11/89	ER	< 1.0	
	04/90	ER	< 1.0	
	06/90	ER	< 1.0	
	08/90	AS	0.19	1242
	11/90	EH	2.4	1242
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 5.0	
	11/91	ER	< 1.0	
	12/91	ER	< 2.0	
	01/09/92	ER	< 1.0	
	01/27/92	ER	< 1.0	
	02/19/92	ER	< 10.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-06B	10/89	ER	< 1.0	
	12/89	ER	180	1221
	01/90	ER	100	1221
	04/90	ER	170	
	06/90	ER	39	1242
	08/90	AS	1.1	1242
	11/90	EH	65	1242
	01/91	EH	39	1242
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	250	1221
	11/91	ER	140	1221
	11/91	ATI	210	1221
	12/91	ER	270	1221
	01/09/92	ER	< 1.0	
	01/27/92	ER	190	1221
	02/20/92	ER	200	1221
	03/18/92	ATI-P	140	1221
	04/29/92	ATI-P	150	1221
	10/14/92	ATI-P	280	1221
	12/14/94	NET	88	1016
	06/27/95	NET	26.3	1242
	10/06/95	NET	30.1	1242
	11/21/95	NET	44.4	1242
	02/22/96	NET	< 0.065	
	04/17/96	NET	< 0.065	
	05/23/96	NET	78	1221
	08/15/96	NET	166.7	1221
(NMOCD split sample)	08/15/96	AEN	260	1221
	11/22/96	EPIC	42.8	1221
	02/28/97	EPIC	48.2	1221
	05/22/97	EPIC	7.29	1221
	08/20/97	EPIC	16.5	1221
5-06C	11/23/97	EPIC	160.0/114.0	1221/1242
	12/09/97	HEAL	65	1232
	01/08/98	HEAL	220	1221
	02/12/98	HEAL	320	1221
	06/11/98	HEAL	180	1221
	10/02/98	HEAL	29	1221
	04/29/99	OAL	7.1/320	1016/1221
	10/14/99	OAL	14/300	1016/1221
	05/13/00	OAL	7.2/266	1016/1221
Pulled pump	11/17/00	NCA	5.23	1242
	05/22/01	Analysys	3.1	1016/1242
	11/18/01	Analysys	43.7	1016/1242
	04/20/02	NCA	150	1221
	10/30/02	HEAL	41	1016/1221
5-12B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	06/91	EH	< 1.0	
5-13B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-14B	08/90	AS	< 0.1	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-15B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-16B	08/90	AS	< 0.1	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	01/00	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/20/92	ER	< 1.0	
	03/18/92	ATI-P	< 5.0	
	04/29/92	ATI-P	< 10.0	
5-17B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/19/92	ER	< 1.0	
	03/17/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
	10/07/92	ATI-P	< 0.5	
	10/06/95	NET	< 0.65	
	11/20/95	NET	< 0.065	
	02/20/96	NET	< 0.065	

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
	05/21/96	NET	< 0.065	
	08/14/96	NET	< 0.70	
	11/20/96	EPIC	< 0.065	
	02/28/97	EPIC	< 0.065	
	05/21/97	EPIC	< 0.065	
	08/20/97	EPIC	< 0.65	
	11/18/97	EPIC	< 0.65	
	02/11/98	HEAL	< 1.0	
	06/10/98	HEAL	< 1.0	
	10/01/98	HEAL	< 1.0	
	04/28/99	OAL	< 0.5	
	10/13/99	OAL	< 0.5	
	05/12/00	OAL	< 0.5	
	11/17/00	NCA	< 0.5	
	05/23/01	Analysys	< 0.5	
	11/17/01	Analysys	<0.5	
	04/19/02	NCA	< 1.0	
	10/31/02	HEAL	< 5.0	
5-18B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-19B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	02/20/92	ER	< 1.0	
	03/19/92	ATI-P	< 0.5	
	04/29/92	ATI-P	< 0.5	
5-20B	08/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
5-22B	10/90	AS	2.2	1242
	01/91	EH	13	1248
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
	07/91	EH	< 1.0	
	09/91	EH	< 1.0	
	10/91	ER	< 1.0	
	11/91	ER	< 1.0	
	12/91	ER	< 1.0	
	01/10/92	ER	< 1.0	
	01/28/92	ER	< 1.0	
	02/19/92	ER	< 1.0	
	03/18/92	ATI-P	< 0.5	
	04/28/92	ATI-P	< 0.5	
5-23B	10/90	AS	30	1254
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-24B	10/90	AS	< 0.1	
	11/90	EH	< 1.0	
	01/91	EH	< 1.0	
	02/91	EH	< 1.0	
	03/91	EH	< 1.0	
	04/91	EH	< 1.0	
	05/91	EH	< 1.0	
	06/91	EH	< 1.0	
5-37I	05/21/96	NET	< 6.5	
5-59	07/28/01	Analysys	< 0.5	
	11/19/01	Analysys	30.7	1016/1242
	04/20/02	NCA	78.6	1221
	10/30/02	HEAL	19	1016/1221

Table 4. Summary of Analytical Results for PCB Compounds Thoreau Compressor Station No. 5

Well ID	Date	Lab	Total PCB Concentration (µg/L)	Aroclor Reported
5-60	11/18/01	Analysys	<0.5	
	04/20/02	NCA	< 1.0	
	10/31/02	HEAL	< 5.0	

† Lab Designations
ABB = ASEA Brown Boveri
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AS = Assaigai Laboratories (Albuquerque)
ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
PA = Paragon Analytics, Inc. (Fort Collins)
NET = National Environmental Testing, Inc. (Carrollton, Texas)
EPIC = EPIC Laboratories, Inc. (Carrollton, Texas)
OAL = Oregon Analytical Laboratory (Portland, OR)
NCA = North Creek Analytical (Portland, OR)
Analysys = Analysys Inc.
ND = Not detected
‡ Total PCB includes Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260

Table 5. Summary of Quality Assurance Program Results
Thoreau Compressor Station No. 5

				Concentration (µg/L)											
Well ID	Date	Replicate ID	Lab	PCBs	Aroclor	RL	Benzene	RL	Toluene	RL	Ethyl-benzene	RL	Total Xylenes	RL
5-01B	1/9/92	5-01B	ER	ND	---	1.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50
	1/9/92	5-99	ER	ND	---	1.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50
	2/20/92	5-01B	ER	82	1221	10	ND	0.50	ND	0.50	ND	0.50	5.2	0.50
	2/20/92	5-99	ER	87	1221	10	ND	0.50	ND	0.50	ND	0.50	6.7	0.50
	3/18/92	5-01B	ATI	54	1221	2.5	ND	0.50	ND	0.50	ND	0.50	3.3	0.50
	3/18/92	5-99	ATI	65	1221	2.5	ND	0.50	ND	0.50	ND	0.50	3.9	0.50
	2/22/96	5-01B	HEAL/NET	<0.065	---	0.065	4.3	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	2/22/96	5-99	HEAL/NET	<0.065	---	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	08/14/96	5-01B	HEAL/NET	14.2	1221	NA	<0.5	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	08/14/96	5-99	HEAL/NET	5.61	1221	NA	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-02B	7/24/91	5-02B	EH	ND	---	0.50	830	250	1200	250	150	25	1300	50
	7/24/91	9107245-2BR	EH	ND	---	0.50	680	50	1000	50	73	50	670	100
	11/21/95	5-02B	HEAL	NA	---	NA	740	0.50	2900	0.50	160	0.50	1100	0.50
	11/21/95	5-98	HEAL	NA	---	NA	670	0.50	2000	0.50	120	0.50	990	0.50
	05/23/96	5-02B	HEAL	NA	---	NA	380	0.50	120	0.50	1300	0.50	1100	0.50
	05/23/96	5-98	HEAL	NA	---	NA	520	0.50	160	0.50	1600	0.50	1200	0.50
	2/28/97	5-06B	HEAL	NA	---	NA	260	0.50	500	0.50	90	0.50	680	0.50
	2/28/97	5-98	HEAL	NA	---	NA	290	0.50	510	0.50	91	0.50	690	0.50
5-02C	10/01/98	5-02C	HEAL	NA	---	NA	1300	0.50	3500	0.50	230	0.50	1800	0.50
	10/01/98	5-98	HEAL	NA	---	NA	1300	0.50	3400	0.50	230	0.50	1800	0.50
	4/28/99	5-02C	OAL	NA	---	NA	1500	1	4400	1	260	1	2500	1
	4/28/99	5-98	OAL	NA	---	NA	1500	1	4400	1	250	1	2400	1
	11/17/00	5-02C	NCA	NA	---	NA	671	0.500	1000	0.500	372	0.500	3820	20.0
	11/17/00	5-98	NCA	NA	---	NA	623	0.500	972	0.500	358	0.500	3730	20.0
	11/17/01	• 5-02C	Analysys	NA	---	NA	587	100	15.2	100	365	100	3622	100
	11/17/01	5-65	Analysys	NA	---	NA	577	100	15.6	100	401	100	3890	100
	4/20/02	5-02C	HEAL	NA	---	NA	450	10	ND	10	300	10	3100	10
	4/20/02	5-65	HEAL	NA	---	NA	450	10	ND	10	300	10	3200	10
	10/31/02	5-02C	HEAL	NA	---	NA	330	5.0	ND	5.0	230	5.0	2000	5.0
	10/31/02	5-65	HEAL	NA	---	NA	350	20	3.2	2.5	230	20	2200	20
5-04B	10/3/91	5-04B	ER	ND	---	0.50	180	5.0	ND	5.0	7.8	5.0	48	5.0
	10/3/91	9110035-4R	ER	ND	---	0.50	86	2.5	2.5	2.5	6.5	2.5	40	2.5
5-06B	11/5/91	5-06B	ER	140	1221	100	1.4	0.50	ND	0.50	ND	0.50	6.0	0.50
	11/5/91	6-99	ER	ND	---	1.0	1.8	0.50	ND	0.50	ND	0.50	14	0.50
	12/10/91	5-06B	ER	270	1221	100	ND	0.50	ND	0.50	ND	0.50	5.0	0.50
	12/10/91	9112105-99	ER	170	1221	100	ND	0.50	ND	0.50	ND	0.50	5.4	0.50
	1/27/92	5-06B	ER	190	1221	100	1.3	0.50	ND	0.50	ND	0.50	2.6	0.50
	1/27/92	9201275-99	ER	250	1221	100	3.0	0.50	ND	0.50	ND	0.50	13	0.50
	4/29/92	5-06B	ATI	150	1221	0.50	1.4	0.50	ND	0.50	ND	0.50	3.6	0.50
	4/29/92	5-99	ATI	150	1221	0.50	1.3	0.50	ND	0.50	ND	0.50	2.0	0.50
	10/14/92	5-06B	ATI	280	1221	5.0	1.0	0.50	ND	0.50	ND	0.50	2.8	0.50
	10/14/92	5-99	ATI	270	1221	5.0	1.0	0.50	ND	0.50	ND	0.50	2.6	0.50
	12/14/94	5-06B	HEAL	NA	---	NA	4.3	0.50	ND	0.50	ND	0.50	0.7	0.50
	12/14/94	5-99	HEAL	NA	---	NA	3.2	0.50	ND	0.50	ND	0.50	ND	0.50
	11/21/95	5-06B	HEAL/NET	44.4	1242	0.50	6.2	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	11/21/95	5-99	HEAL/NET	37.8	1242	0.50	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	05/23/96	5-06B	HEAL/NET	78	---	0.065	1.2	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	05/23/96	5-99	HEAL/NET	<0.065	---	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	11/22/96	5-06B	HEAL/NET	42.8	1221	0.065	0.9	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	11/22/96	5-99	HEAL/NET	34.1	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	2/28/97	5-06B	HEAL/NET	48.2	1221	0.065	0.9	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	2/28/97	5-99	HEAL/NET	49.7	1221	0.065	0.8	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	5/22/97	5-06B	HEAL/NET	7.29	1221	0.065	0.7	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	5/22/97	5-99B	HEAL/NET	5.18	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	8/20/97	5-06B	HEAL/EPIC	16.5	1221	0.65	0.7	0.50	<0.5	0.50	<0.5	0.50	<0.5	0.50
	8/20/97	5-99B	HEAL/EPIC	8.1	1221	0.065	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-06C	2/12/98	5-06C	HEAL	320	1221	5.0	2.2	0.50	1.4	0.50	<0.5	0.50	1.3	0.50
	2/12/98	5-99	HEAL	280	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	6/11/98	5-06C	HEAL	180	1221	5.0	1.2	0.50	0.6	0.50	<0.5	0.50	<0.5	0.50
	6/11/98	5-99	HEAL	190	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	10/01/98	5-06C	HEAL	29	1221	5.0	1.5	0.50	1.3	0.50	<0.5	0.50	<0.5	0.50
	10/01/98	5-99	HEAL	33	1221	5.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
	4/28/99	5-06C	OAL	7.1/320	1061/1221	1.5/1.0	<1	1	<1	1	<1	1	<1	1
	4/28/99	5-99	OAL	6.3/280	1061/1221	0.5/1.0	NA	1	NA	1	NA	1	NA	1
	10/14/99	5-06C	OAL	14/300	1061/1221	5.0/10	<1	1	<2	2	<2	2	<4	4
	10/14/99	5-99	OAL	14/290	1061/1221	5.0/10	NA	1	NA	2	NA	2	NA	4
	5/13/00	5-06C	OAL	7.2/266	1061/1221	5.0/10	1	1	<2	2	<2	2	<4	4
	5/13/00	5-99	OAL	6.6/263	1061/1221	5.0/10	NA	1	NA	2	NA	2	NA	4
	11/17/00	5-06C	NCA	5.23	1242	0.500	<0.500	0.500	<0.500	0.500	<0.500	0.500	<1	1.00
	11/17/00	5-99	NCA	4.45/5.17	1016/1242	0.500/0.500	NA	0.500	NA	0.500	NA	0.500	NA	1.00
	5/22/01	5-06C	Analysys	3.1	1016/1242	1	<1	0.500	<1	0.500	<1	0.500	<2	1.00
	5/22/01	5-99	Analysys	5.81	1016/1242	1	NA	0.500	NA	0.500	NA	0.500	NA	1.00
	11/18/01	5-06C	Analysys	43.7	1016/1242	0.5	1.19	1	<1	1	<1	1	<2	2
	11/18/01	5-66	Analysys	40.5	1016/1242	0.5	NA	1	NA	1	NA	1	NA	2
	4/20/02	5-06C	HEAL	150	1221	1.00	1.1	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50
	4/20/02	5-66	HEAL	168	1221	20.0	NA	0.50	NA	0.50	NA	0.50	NA	0.50
5-16B	8/20/97	5-16B	HEAL	NA	---	NA	130	0.50	820	0.50	120	0.50	1300	0.50
	8/20/97	5-98	HEAL	NA	---	NA	130	0.50	790	0.50	120	0.50	1200	0.50
	2/11/98	5-16B	HEAL	NA	---	NA	41	0.50	360	0.50	90	0.50	660	0.50
	2/11/98	5-98	HEAL	NA	---	NA	45	0.50	350	0.50	91	0.50	650	0.50
	5/12/00	5-16B	OAL	NA	---	NA	600	5	290	10	92	10	360	20
	5/12/00	5-98	OAL	NA	---	NA	510	10	200	20	70	20	270	40
	5/24/01	5-16B	Analysys	NA	---	NA	1240	100	487	100	174	100	1105	100
	5/24/01	5-98	Analysys	NA	---	NA	1220	100	466	100	181	100	1184	100

Table 5. Summary of Quality Assurance Program Results
Thoreau Compressor Station No. 5

Well ID	Date	Replicate ID	Lab	Concentration (µg/L)											
				PCBs	Aroclor	RL	Benzene	RL	Toluene	RL	Ethyl-benzene	RL	Total Xylenes	RL
5-17B	5/22/1991	5-17B	EH	ND	---	0.50	ND	0.50	ND	0.50	ND	0.50	ND	1.0
	5/22/1991	91-5-22-5-17BI	EH	ND	---	0.50	ND	0.50	ND	0.50	ND	0.50	ND	1.0
5-18B	10/11/91	5-18B	ER	NA	---	NA	1200	25	ND	25	ND	25	130	25
	10/11/91	91110115 18BR	ER	NA	---	NA	1200	25	ND	25	ND	25	110	25
	5/22/97	5-18B	HEAL	NA	---	NA	<0.5	0.50	4.7	0.50	88	0.50	0.8	0.50
	5/22/97	5-98	HEAL	NA	---	NA	<0.5	0.50	4.3	0.50	89	0.50	0.8	0.50
5-24B	5/22/1991	5-24B	EH	ND	---	0.50	4.3	0.50	ND	0.50	ND	0.50	1.3	1.0
	5/22/1991	91-5-22-5-24BI	EH	ND	---	0.50	130	5.0	ND	0.50	ND	0.50	9.4	1.0
5-48B	10/06/95	5-48B	HEAL	NA	---	NA	550	12.5	940	12.5	290	12.5	1900	12.5
	10/06/95	5-99	HEAL	NA	---	NA	730	20	1000	20	290	20	2300	20
	2/21/96	5-48B	HEAL	NA	---	NA	690	0.50	1100	0.50	550	0.50	3300	0.50
	2/21/96	5-98	HEAL	NA	---	NA	580	0.50	1200	0.50	540	0.50	3100	0.50
	08/14/96	5-48B	HEAL	NA	---	NA	770	0.50	7600	0.50	340	0.50	3900	0.50
	08/14/96	5-98	HEAL	NA	---	NA	630	0.50	7900	0.50	300	0.50	3600	0.50
	11/21/96	5-48B	HEAL	NA	---	NA	960	0.50	8500	0.50	330	0.50	3900	0.50
	11/21/96	5-98	HEAL	NA	---	NA	970	0.50	8600	0.50	330	0.50	4000	0.50
	11/19/97	5-48B	HEAL	NA	---	NA	1400	0.50	6900	0.50	330	0.50	3900	0.50
	11/19/97	5-98	HEAL	NA	---	NA	1600	0.50	7300	0.50	330	0.50	4100	0.50
	6/11/98	5-48B	HEAL	NA	---	NA	2100	0.50	8000	0.50	200	0.50	3800	0.50
	6/11/98	5-98	HEAL	NA	---	NA	2000	0.50	7900	0.50	210	0.50	3800	0.50
	10/12/99	5-48B	OAL	NA	---	NA	1000	50	1900	100	320	100	2900	200
	10/12/99	5-98	OAL	NA	---	NA	960	50	1800	100	300	100	2600	200
5-59	10/30/02	5-59	HEAL	19	1016/1221	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
	10/30/02	5-66	HEAL	19	1016/1221	1.0	NA	NA	NA	NA	NA	NA	NA	NA

† Lab Designations
ATI-A = Analytical Technologies, Inc. (Albuquerque)
ATI-P = Analytical Technologies, Inc. (Phoenix)
ER = Enseco (Rocky Mountain Analytical)
EH = Enseco (Houston)
HEAL = Hall Environmental Analysis Laboratory (Albuquerque)
NET - National Environmental Testing, INC.
OAL - Oregon Analytical Laboratory
NA = Not Analyzed

Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
Thoreau Compressor Station No. 5

	Analytical Requirements			
Well ID	1st Semiannual Event	2nd Semiannual Event	Benzene (ppb) Last event sampled	Comments
5-01B	---	---	na	well replaced by 5-01C
5-01C	BTEX & PCBs	BTEX & PCBs	<0.5	
5-02B	---	---	na	SVE well; not enough water
5-02C	BTEX	BTEX	450	
5-03B	BTEX	---	<0.5	clean upgradient well
5-04B	BTEX	BTEX	<0.5	SVE well; no sample collected since 02/96
5-05B	BTEX	BTEX	5.2	
5-06B	---	---	na	well replaced by 5-06C
5-06C	BTEX & PCBs	BTEX & PCBs	1.1	
5-12B	BTEX	---	<0.5	clean perimeter well
5-13B	BTEX	BTEX	<0.5	
5-14B	BTEX	---	<0.5	clean perimeter well
5-15B	BTEX	---	<0.5	clean perimeter well
5-16B	BTEX	BTEX	1800	
5-17B	BTEX & PCBs	BTEX & PCBs	<0.5	
5-18B	BTEX	BTEX	0.55	
5-19B	BTEX	BTEX	<0.5	
5-20B	BTEX	BTEX	0.86	
5-22B	---	---	3.8	not enough water to collect a sample
5-23B	BTEX	---	<0.5	clean downgradient well
5-24B	BTEX	BTEX	<0.5	
5-34B	BTEX	BTEX	na	SVE well; no sample collected since 12/94
5-35B	---	---	na	pilot test well not suitable for sampling
5-36E	---	---	na	pilot test well not suitable for sampling
5-37I	---	---	na	pilot test well not suitable for sampling
5-41B	---	---	na	clean far downgradient well
5-47B	---	---	na	well abandoned
5-48B	BTEX	BTEX	1100	
5-57B	---	---	na	well abandoned
5-58B	---	---	na	well abandoned
5-59	BTEX & PCBs	BTEX & PCBs	<0.5	
5-60	BTEX & PCBs	BTEX & PCBs	<0.5	
SVE-1	BTEX	BTEX	<0.5	SVE well not previously sampled
SVE-2	---	---	na	SVE well outside of affected area
SVE-3	---	---	na	SVE well near well 5-48B
SVE-4	---	---	na	SVE well near well 5-16B

Notes:
1) na - not available
2) BTEX - BTEX Compounds by either EPA Method 8021B or EPA Method 8260
3) PCBs - Polychlorinated Biphenyls by EPA Method 8082
4) "Comments" are provided for wells that will not be sampled during one or more events

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
Thoreau Compressor Station No. 5

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)	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)
5 01C	Layne Christensen/CES	11/17/97	7,292.11 (c)	52.73	-35.22	55.0	na	stick up	2	44.5-54.5	42.5
5-02B	na	05/12/89	7,292.06 (b)	58.60	-145.02	55.5	56.69	flush mount	2	37.5-51.0	ns
5 02C	Layne Christensen/CES	11/15/97	7,291.82 (c)	49.32	-155.28	58.5	62.10	flush mount	2	42.0-57.0	40
5-03B	na	05/11/89	7,303.76 (b)	440.30	-109.97	58.0	55.60	flush mount	2	41.0-54.5	na
5-04B	Western Technologies Inc./DBS	09/16/89	7,292.39 (b)	15.05	-231.56	58.8	58.08	flush mount	2	38.7-57.2	36.9
5-05B	Western Technologies Inc./DBS	09/19/89	7,290.83 (b)	12.86	-152.20	59.5	62.02	flush mount	2	39.5-58.0	37.5
5 06C	Layne Christensen/CES	11/18/97	7,291.46 (c)	9.38	-10.62	62.5	na	stick up	2	47.0-62.0	44.9
5-12B	Stewart Brothers/DBS	06/28/90	7,279.61 (b)	-387.48	-89.37	65.0	na	flush mount	2	45.0-65.0	41.4
5-13B	Stewart Brothers/DBS	06/28/90	7,282.43 (b)	-369.35	-261.04	69.4	na	flush mount	2	49.3-69.4	45.0
5-14B	Stewart Brothers/DBS	06/27/90	7,285.76 (b)	-357.23	-441.25	72.3	na	flush mount	2	42.3-72.3	48.4
5-15B	Stewart Brothers/DBS	06/29/90	7,292.92 (b)	-87.47	-344.34	65.6	na	flush mount	2	45.6-65.6	41.5
5-16B	Western Technologies Inc./DBS	07/05/90	7,288.82 (b)	-145.56	-248.38	64.6	65.4	flush mount	2	34.6-64.6	33.5
5-17B	Western Technologies Inc./DBS	07/03/90	7,284.75 (b)	-88.53	-40.96	63.9	64.2	flush mount	2	33.9-63.9	31.2
5-18B	Western Technologies Inc./DBS	07/09/90	7,286.41 (b)	-256.43	-309.06	69.9	na	flush mount	2	49.9-69.9	43.4
5-19B	Western Technologies Inc./DBS	07/10/90	7,290.52 (b)	-157.69	-330.24	63.3	65.05	flush mount	2	43.3-63.3	37.5
5-20B	Western Technologies Inc./DBS	07/11/90	7,284.60 (b)	-261.92	-172.12	64.0	na	flush mount	2	33.9-63.9	28.3
5-22B	Stewart Brothers/DBS	09/13/90	7,292.74 (b)	88.16	-198.69	55.8	54.9	flush mount	2	45.8-55.8	42.2
5-23B	Stewart Brothers/DBS	09/21/90	7,282.63 (b)	-450.52	-315.67	80.1	na	flush mount	2	50.1-80.1	42.7
5-24B	Stewart Brothers/DBS	09/25/90	7,279.18 (b)	-460.67	-211.48	75.5	na	flush mount	2	45.5-75.5	36.5
5-34B	Ward Drilling Co./DBS	03/31/93	7,294.71 (b)	25.97	-306.80	65.7	63.10	flush mount	4	34.0-64.0	33.0
5-35B	Ward Drilling Co./DBS	04/05/92	7,296.11 (b)	37.30	-289.09	70.0	62.21	stick up	4	31.3-61.3	28.4
5-36E	Ward Drilling Co./DBS	04/09/92	7,296.56 (b)	30.28	-287.13	67.5	68.51	stick up	4	47.7-62.3	43.4
5-37I	Ward Drilling Co./DBS	04/16/92	7,296.31 (b)	44.48	-290.76	72.5	61.72	stick up	4	52.1-59.8	51.4
5-41B	Stewart Brothers/DBS	07/24/92	7,279.73 (b)	-603.88	-174.07	77.0	na	flush mount	2	55.0-72.0	53.0
5-47B	Stewart Brothers/DBS	08/04/92	7,268.35 (b)	-862.86	-104.00	80.0	na	abandoned	2	59.5-76.5	57.5

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
Thoreau Compressor Station No. 5

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)	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)
5-48B	Stewart Brothers/DBS	08/05/92	7,292.64 (b)	-34.33	-271.94	63.7	59.68	flush mount	2	43.0-60.0	41.0
5-57B	Stewart Brothers/DBS	03/04/93	7,257.80	-1014.77	-109.30	76.2	na	abandoned	2	60.0-75.0	57.9
5-58B	Stewart Brothers/DBS	03/03/93	7,279.38	-682.60	-340.89	78.1	na	abandoned	2	61.2-76.2	58.9
5-59	Rodgers & Co.	07/27/01	na	na	na	56.0	55.23	stick up	4	41.0-56.0	38.0
5-60	Rodgers & Co.	07/27/01	na	na	na	56.0	57.41	stick up	4	41.0-56.0	38.0
SVE-1	Techna/DBS	03/29/96	7,296.88 (c)	37.08	-356.25	60.0	61.55	flush mount	2	35.0-60.0	33.3
SVE-2	Techna/DBS	03/29/96	7,297.68 (c)	42.46	-409.54	61.0	61.59	flush mount	2	35.0-60.0	33.6
SVE-3	Layne Christensen/CES	11/16/1997	7,293.68 (c)	-21.30	-271.04	65.0	65.54	flush mount	2	44.0 - 64.0	41.9
SVE-4	Layne Christensen/CES	11/16/1997	7,289.83 (c)	-123.39	-243.36	62.5	62.03	flush mount	2	42.0 - 62.0	40.0
AS-1	Techna/DBS	03/29/96	na	46.99	-327.63	60.5	na	flush mount	2	56.0-58.5	54.8
AS-2	Techna/DBS	03/27/96	na	45.70	-302.63	61.0	na	flush mount	2	57.5-60.0	56.5
AS-3	Techna/DBS	03/27/96	na	44.41	-277.63	59.5	na	flush mount	2	57.0-59.5	56.0
AS-4	Techna/DBS	03/27/96	na	43.11	-252.35	60.3	na	flush mount	2	57.8-60.3	55.6
AS-5	Techna/DBS	03/27/96	na	41.82	-227.35	58.0	na	flush mount	2	55.5-58.0	54.1
AS-6	Techna/DBS	03/29/96	7,295.62 (c)	23.02	-341.69	59.0	57.57	flush mount	2	56.5-59.0	55.0
AS-7	Techna/DBS	03/27/96	7,295.72 (c)	21.31	-316.55	60.0	59.29	flush mount	2	57.0-59.5	55.5
AS-8	Techna/DBS	03/27/96	7,294.45 (c)	20.25	-292.07	61.0	62.18	flush mount	2	58.5-61.0	57.2
AS-9	Techna/DBS	03/27/96	7,293.76 (c)	18.29	-266.75	59.8	59.31	flush mount	2	57.1-59.6	54.0
AS-10	Techna/DBS	03/27/96	7,293.90 (c)	16.75	-241.70	60.3	61.31	flush mount	2	57.8-60.3	56.4
AS-11	Techna/DBS	03/27/96	7,293.05 (c)	15.96	-217.21	60.0	60.69	flush mount	2	57.0-59.5	55.4
AS-12	Layne Christensen/CES	11/21/1997	7,295.22 (c)	-5.04	-332.45	64.5	65.93	flush mount	2	62.0 - 64.0	59.0
AS-13	Layne Christensen/CES	11/21/1997	7,294.58 (c)	-6.15	-306.17	68.0	68.37	flush mount	2	65.5 - 67.5	62.0
AS-14	Layne Christensen/CES	11/20/1997	7,293.98 (c)	-7.89	-280.13	64.5	64.46	flush mount	2	62.0 - 64.0	58.0
AS-15	Layne Christensen/CES	11/20/1997	7,293.40 (c)	-8.43	-259.05	64.0	62.82	flush mount	2	61.5 - 63.5	58.0
AS-16	Layne Christensen/CES	11/19/1997	7,293.27 (c)	-11.17	-237.02	65.0	64.96	flush mount	2	62.0 - 64.0	57.0

NOTES:
na - Information not available
(a) Driller/Consultant
(b) Survey done by Bob Martinez 8/92
(c) Survey done by Cypress Engineering 1/98

Table 8. Summary of Analytical Results for Soil Samples Collected from Soil Borings Thoreau Compressor Station

Boring No. & Sample Interval[a]	Sampling Date	PCB (µg/kg)	TPH - DRO[b] (mg/kg)	TPH - GRO[b] (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethylbenzene (µg/kg)	Xylene(s) (µg/kg)	Total BTEX (µg/kg)
5-59 (8-10')	07/26/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40
5-59 (18-20')	07/26/01	< 10	3.51	< 5	< 20	< 20	< 20	< 40	< 40
5-59 (28-30')	07/26/01	< 10	2.08	< 5	< 20	< 20	< 20	< 40	< 40
5-59 (38-40')	07/26/01	< 10	2.36	< 5	< 20	< 20	< 20	< 40	< 40
5-59 (48-50')	07/27/01	< 10	1.32	< 5	< 20	< 20	< 20	< 40	< 40
5-59 (50-52')	07/27/01	< 10	1.64	< 5	< 20	< 20	< 20	< 40	< 40
5-59 (52-54')	07/27/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40
5-59 (54-56')	07/27/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40
5-60 (8-10')	07/27/01	< 10	2.94	< 5	< 20	< 20	< 20	< 40	< 40
5-60 (18-20')	07/27/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40
5-60 (28-30')	07/27/01	< 10	< 1	7.5	< 20	< 20	< 20	< 40	< 40
5-60 (38-40')	07/27/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40
5-60 (43-45')	07/27/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40
5-60 (45-48')	07/27/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40
5-60 (48-50')	07/27/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40
5-60 (50-53')	07/27/01	< 10	< 1	< 5	< 20	< 20	< 20	< 40	< 40

NOTES:
(a) Sample interval is reported in feet below ground surface
(b) TPH analyses by Method 8015B (GRO & DRO)

Monitor Well / Boring Log

DEPTH, FT.	SYMBOL(USCS)	SAMPLE DESCRIPTION CES / Enron / TWP Thoreau Station # 5 MONITOR WELL # 5-59	SPT BLOWS	SAMPLE NO.	SAMPLING TOOL	MOISTURE	CONTAMINATION ORGANIC VAPOR CONC. (PPM)	CONTAMINATION VISIBLE Y=YES N=NO
0	SC	0'-2': light Tan to Brown clayey, fine grained sand	26 Rec. 0.8	3'-5'	SSP		3'-5': Non-Detect	
5	SC	2'-10' Red Sand, fine gr. Well Sorted, Clayey Sand	56 Rec. 1.8	8'-10'	SSP		8'-10': Non-Detect Sample Sent to Lab	
10	SC	13'-15': Red, Sand, fine grained, well sorted sand.	62 Rec. 1.8	13'-15'	SSP		13'-15': Non-Detect	
15	SC	18'-20': Red Sand, fine grained, well sorted. Minor clay	56 Rec. 2.0	18'-20'	SSP		18'-20': Non-Detect Sample Sent to Lab	
20								
25	SC	23'-25': Red Sand, Clayey fine sand with caliche veining 10%	100 Rec. 1.8	23'-25'	SSP		23'-25': Non-Detect	
30	SC	28'-30': Red Sand, Clayey fine sand with caliche veining 3%	53 Rec. 1.7	28'-30'	SSP	Moist	28'-30': Non-Detect Sample Sent to Lab	
35	SC	33'-35': Red Sand, Clayey fine grained & well sorted.	62 Rec. 1.8	33'-35'	SSP		33'-35': Non-Detect	
40	SC	38'-40': Red Sand, Clayey fine grained & well sorted caliche veining to 20%	70 Rec. 1.7	38'-40'	SSP		38'-40': Non-Detect Sample Sent to Lab	
45	SC GC	43'-45': Red Sand, Clayey, & Creen fine grained sandstone Gravel is pea sized to 1" in size. 48'-50' Red Clayey sand, well sorted, damp.	68 Rec. 1.7	43'-45'	SSP	Wet	43'-45' :Non-Detect	
			88 Rec. 1.6	48'-50'	SSP	Wet	48'-50': Non-Detect Sample Sent to Lab	
50	SC GC	50'-52': Saturated Red Sand clayey, mixed with gravel	95 Rec. 1.8	50'-52'	SSP	Wet	50'-52': Non-Detect Sample Sent to Lab	
		52'-54': Red Mudstone mixed with Red Clayey Sand, Dry	105 Rec. 1.4	52'-54'	SSP		52'-54': Non-Detect Sample Sent to Lab	
55		54'-56': Red Mudstone fine grained red sandstone, dry	52 Rec. 0.6	54'-56'	SSP		54'-56': Non-Detect Sample Sent to Lab	
60								

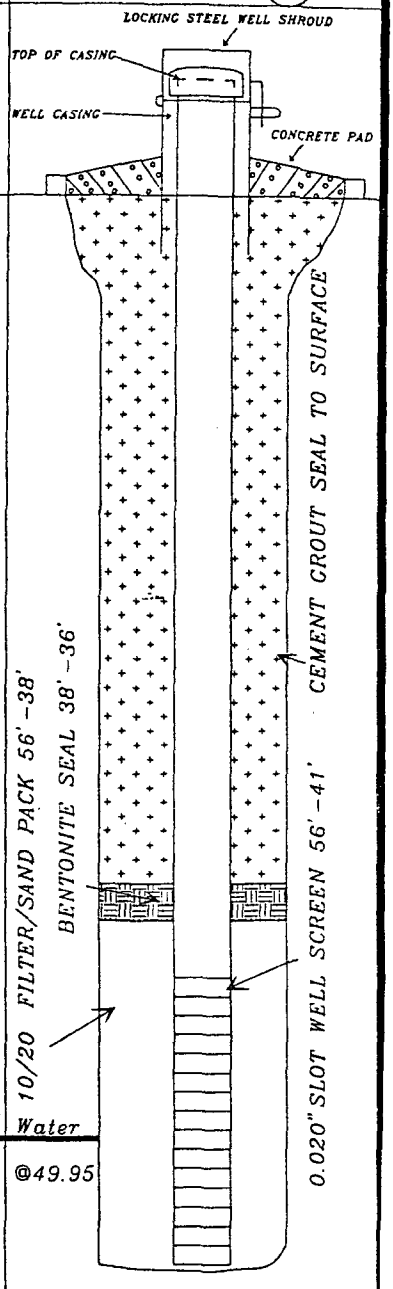
DEPTH, FT. | STRATIGRAPHY | WATER LEVEL

T.D. 56'

Water @49.95

Monitor Well Details

Monitor Well Set? (YES) NO



Client: TWP / Thoreau Station # 5 Job No.: _____ Date Drilled: 7/26-27/2001 Well No.: 5-59

Size: 6 1/4" I.D. 10 1/4" O.D. HSA, Casing 4" Schedule 40 PVC Top of Casing Elevation: Unknown

Comments: Ground Water Monitor Well Drilled in Compliance with NMED / NMOCD Regulations

Driller: Harvey Reichert Driller, Mike Jarmillo Helper, Rodgers & Co. Logged By: C.M. Barnhill, Geologist

REMARKS: Monitor Well was drilled 20 feet North
Along fence from Monitor Well 5-06-C
Screened Interval = 56'-41'
Top of sand filter pack=38'
Bentonite Seal = 38'-36'

CES
CYPRESS ENGINEERING SERVICES, INC.
HOUSTON, TEXAS

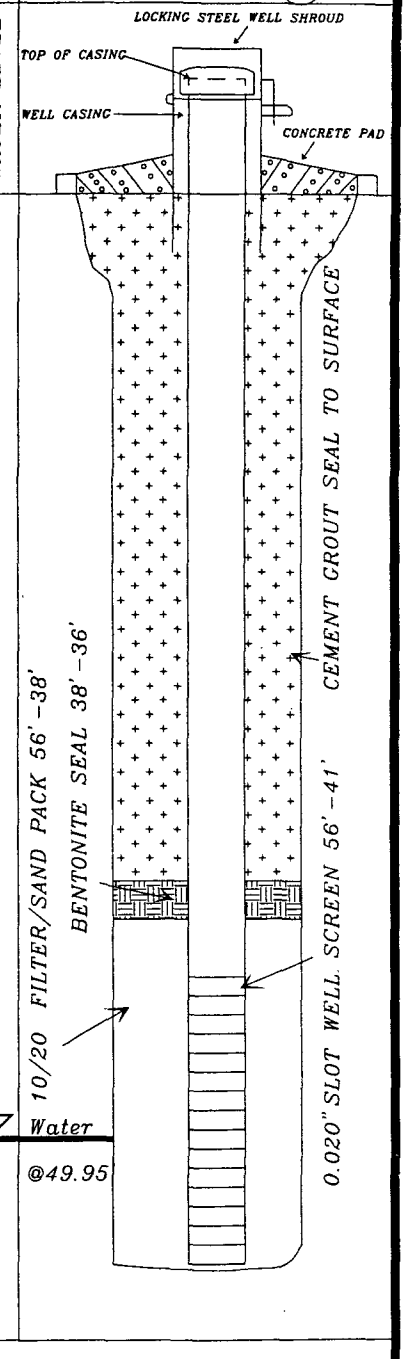
FIGURE NO.
1 OF 1

Monitor Well / Boring Log

Monitor Well Details

Monitor Well Set? (YES) NO

DEPTH, FT.	SYMBOL(USCS)	SAMPLE DESCRIPTION CES / Enron / TWP Thoreau Station # 5 MONITOR WELL # 5-59	SPT BLOWS	SAMPLE NO.	SAMPLING TOOL	MOISTURE	CONTAMINATION: ORGANIC VAPOR CONC. (PPM)	CONTAMINATION: VISIBLE Y=YES N=NO
0	SC	0'-2': light Tan to Brown clayey, fine grained sand	26 Rec. 0.8	3'-5'	SSP		3'-5': Non-Detect	
5	SC	2'-10' Red Sand, fine gr. Well Sorted, Clayey Sand	56 Rec. 1.6	8'-10'	SSP		8'-10': Non-Detect Sample Sent to Lab	
10	SC	13'-15': Red, Sand, fine grained, well sorted sand.	62 Rec. 1.6	13'-15'	SSP		13'-15': Non-Detect	
15	SC	18'-20': Red Sand, fine grained, well sorted. Minor clay	56 Rec. 2.0	18'-20'	SSP		18'-20': Non-Detect Sample Sent to Lab	
20	SC	23'-25': Red Sand, Clayey fine sand with caliche veining 10%	100 Rec. 1.8	23'-25'	SSP		23'-25': Non-Detect	
25	SC	28'-30': Red Sand, Clayey fine sand with caliche veining 3%	53 Rec. 1.7	28'-30'	SSP	Moist	28'-30': Non-Detect Sample Sent to Lab	
30	SC	33'-35': Red Sand, Clayey fine grained & well sorted.	62 Rec. 1.8	33'-35'	SSP		33'-35': Non-Detect	
35	SC	38'-40': Red Sand, Clayey fine grained & well sorted caliche veining to 20%	70 Rec. 1.7	38'-40'	SSP		38'-40': Non-Detect Sample Sent to Lab	
40	SC GC	43'-45': Red Sand, Clayey, & Green fine grained sandstone Gravel is pea sized to 1" in size. 48'-50' Red Clayey sand, well sorted, damp.	68 Rec. 1.7	43'-45'	SSP	Wet	43'-45' :Non-Detect	
45			88 Rec. 1.6	48'-50'	SSP	Wet	48'-50': Non-Detect Sample Sent to Lab	
50	SC GC	50'-52': Saturated Red Sand, clayey, mixed with gravel 1"	95 Rec. 1.8	50'-52'	SSP	Wet	50'-52': Non-Detect Sample Sent to Lab	
		52'-54': Red Mudstone mixed with Red Clayey Sand, Dry	105 Rec. 1.4	52'-54'	SSP		52'-54': Non-Detect Sample Sent to Lab	
55		54'-56': Red Mudstone fine grained red sandstone, dry	52 Rec. 0.6 SSP Augered	54'-56'	SSP		54'-56': Non-Detect Sample Sent to Lab	
60								



Client: TWP / Thoreau Station # 5 Job No.: _____ Date Drilled: 7/26-27/2001 Well No.: 5-59

Size: 6 1/4" I.D., 10 1/4" O.D. HSA, Casing 4" Schedule 40 PVC Top of Casing Elevation: Unknown

Comments: Ground Water Monitor Well Drilled in Compliance with NMED / NMOCD Regulations

Driller: Harvey Reichert Driller, Mike Jarmillo Helper, Rodgers & Co., Logged By: C.M. Barnhill, Geologist

REMARKS: Monitor Well was drilled 20 feet North
Along fence from Monitor Well 5-06-C
Screened Interval = 56'-41'
Top of sand filter pack=38'
Bentonite Seal = 38'-36'

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FIGURE NO.
1 OF 1