2016 Annual Groundwater Monitoring Report

Thoreau Compressor Station
Section 20, Township 14N, Range 13W
McKinley County, New Mexico
AP-102

Transwestern Pipeline Company, LLC

GHD | 6121 Indian School Road NE Suite 200 Albuquerque Nm 87110 USA

086242 | Report No 4 | March 27 2017

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1. Introduction

1.1 Introduction

GHD Services, Inc. is pleased to submit this 2016 Annual Groundwater Monitoring Report on behalf of Transwestern Pipeline, LLC (Transwestern). The Thoreau Compressor Station Number 5 (hereafter referred to as the "Site") is situated approximately 1.5 miles north northwest of Thoreau, McKinley County, New Mexico. Geographical coordinates for the Site are 35° 25' 34.55" north and 108° 14' 9.63" west. Properties adjacent to the Site are owned by the Navajo Nation and the Bureau of Land Management. A Site location map and Site detail map are included as Figures 1 and 2, respectively. The Site is owned by Transwestern, an Energy Transfer company, and operated by Energy Transfer Company (ETC). GHD conducted groundwater sampling at the Site on April 20 and 21, 2016 and injected air sparge wells AS-1 and AS-2 (see Figure 3) with sodium persulfate from December 20th to the 22nd, 2016.

1.2 Background

In March 1989, Daniel B. Stephens & Associates (DBS&A) was retained by Transwestern to investigate the hydrogeology at four compressor stations. A Consent Decree had been issued by the Environmental Protection Agency (EPA) due to the potential release of polychlorinated biphenyl (PCB) compounds in soils at these sites. Transwestern utilized synthetic lubricating oil containing Aroclor 1242 in a gas turbine, which may have contaminated downstream elements of the Transwestern system. The potential PCB releases may have occurred from natural gas condensate liquid waste generated during pipeline cleaning operations.

The results of this initial investigation revealed the presence of hydrocarbons and PCBs within a shallow alluvial aquifer beneath the Site. However, impacts to the regional aquifer were not found. The Consent Decree was terminated following a determination by the EPA in late 1992. The EPA concluded that Transwestern had met the terms and conditions of the Consent Decree. Following termination of the Consent Decree, Transwestern began working solely with the New Mexico Oil Conservation Division (NMOCD) and the Navajo Nation for Site monitoring and remediation activities to address remaining impacts to the shallow alluvial aquifer.

From April to December of 1992, a nitrate injection pilot test was conducted at the Site in the immediate vicinity of monitoring well 5-35B. The pilot test was performed to assess the feasibility of nitrate enhanced bioremediation of Site impacts. The pilot test resulted in reductions in concentrations of toluene, xylene, and ethylbenzene; however, no significant reduction in benzene was observed. Following the test, a decision was made to pursue bioremediation based on aerobic rather than anaerobic degradation.

The Phase I remediation system was placed into service on December 9, 1994. This system consisted of a single ½ HP electric regenerative blower which extracted soil vapor from monitoring well 5-35B.

The Phase II system was implemented in 1996 with the installation of 11 air sparge points (AS-1 thru AS-11), two dedicated soil vapor extraction (SVE) wells (SVE-1 and SVE-2), and the

installation of associated surface equipment. During drilling activities at AS-2, soil impacts originating from a former surface impoundment for gas condensate liquids were discovered (Figure 2). It was determined that this former surface impoundment was likely the primary source of benzene impacts at the Site. The Phase III system was implemented in late 1997 with the addition of five air sparge wells (AS-12 through AS-16) and two additional SVE wells (SVE-3 and SVE-4). The SVE system was shut down in November 2010 due to declining volatile organic compounds (VOCs) detected in the system influent.

In 2006, during construction to replace the pig receiver, a petroleum hydrocarbon odor was noted as soil was excavated from around the concrete pedestal supporting the receiver. Laboratory analysis of a soil sample from the area revealed elevated total petroleum hydrocarbons (TPH). Subsequently, 130 cubic yards of soil was excavated from the area around the pig receiver and in the area down gradient of the old waste pit. Waste characterization samples were taken from soil stockpiles prior to disposal. The samples revealed elevated TPH in the diesel and motor oil range, as well as trace amounts of PCBs. PCBs have been detected in groundwater samples collected from two Site wells in the extreme southeast corner of the facility (monitoring wells 5-59 and 5-06C) since 1989. The concentrations of PCBs in these wells have been gradually decreasing to below regulatory levels.

Site consulting responsibilities were transferred from Cypress Engineering to GHD (formerly Conestoga Rovers & Associates, Inc.) in January 2014.

GHD advanced five hollow stem auger borings at the site to assess residual hydrocarbon concentrations in the soil during the weeks of November 17 and November 24, 2014. Analytical data from the soil borings indicated residual benzene, toluene, ethylbenzene, and xylenes (BTEX) and TPH concentrations in the vicinity of 5-35B and SVE-03.

By 2014 a number of down gradient or dry monitoring wells were no longer viable for data collection. Eleven monitoring wells and two SVE wells were plugged and abandoned during the weeks of November 17 and November 24, 2014. These wells were plugged and abandoned with the approval of the Navajo Nation Environmental Protection Agency (NNEPA) and the Navajo Nation Water Code Administration (NNWCA). A work plan (dated September 29, 2015) to assess the Site for remediation by chemical oxidation was submitted to both the NNEPA and NMOCD. The work plan included collecting bulk samples and performing treatability testing.

To assist with a treatability study to perform chemical oxidation at the Site, bulk soil and groundwater samples were collected. The bulk samples were sent to GHD's Innovative Technology Group (ITG) in order to assess the oxidant and dosage. A bulk composite groundwater sample was collected from 5-02C, 5-35B, and SVE-3 in conjunction with groundwater sampling on April 13, 2015. Two hollow stem auger borings were advanced on October 27, 2015 to collect the bulk soil sample. Enviro Drill, Inc. of Albuquerque, New Mexico performed the drilling using a CME 75 drill rig.

The bulk samples were placed in laboratory prepared containers, stored in a cooler on ice, and shipped under chain of custody documentation to the GHD ITG laboratory located in Niagara Falls, New York.

Based on the treatability study, in situ chemical oxidation (ISCO) was recommended by the GHD ITG to further reduce the petroleum hydrocarbon concentrations due to its effectiveness at similar sites. NaOH catalyzed sodium persulfate was the recommended oxidant.

Currently, groundwater monitoring occurs on an annual basis, most recently on April 20 and 21, 2016. GHD injected air sparge wells AS-1 and AS-2 with sodium persulfate and sodium xydroxide from December 20th to the 22nd, 2016. Approximately 1250 gallons of solution were injected over this time frame.

Results of the monitoring event are detailed below.

1.3 Hydrogeology

The Chinle Formation is the principal bedrock underlying the Site. The Chinle Formation is comprised primarily of red claystone and mudstones and is roughly 1,000 to 1,300 feet thick. In addition, there is a middle Chinle Formation member, the Sonsela sandstone, which is approximately 90 to 130 feet thick at a depth of approximately 650 feet below ground surface (bgs). The Sonsela sandstone is the shallowest aquifer that is used as a water supply in the Thoreau area.

The Chinle Formation is overlain by 30 to more than 75 feet of alluvium over most of the Site and surrounding area. The alluvium consists of reddish brown, silty sand that is fine to very fine grained, moderately to well sorted, with thin, silty, interbeds. Approximately 1 to 5 feet of weathered, sandy clay marks the transition between the surficial alluvium and underlying Chinle Formation.

Perched groundwater is present in the alluvium over the Chinle Formation. The perched zone is approximately 3 feet thick for most of the Site, with the thickness increasing locally due to the presence of paleo channels that occur from the erosion of the Chinle Formation.

2. Groundwater Monitoring Methodology and Analytical Results

2.1 Groundwater Monitoring Summary

A groundwater sampling event was conducted at the Site on April 20 and 21, 2016. Prior to collection of groundwater samples, depth to groundwater in each well was measured using an oil/water interface probe. Groundwater elevations are detailed in Table 1. A groundwater potentiometric surface map is presented as Figure 4. The groundwater gradient was approximately 0.019 feet per foot between monitoring wells 5-3B and 5-18B. Depth to groundwater ranged from 51.77 to 63.22 feet below top of casing in monitoring wells 5-59 and 5-36E, respectively. Apparent groundwater flow at the Site is to the southwest and is consistent with historical data.

2.2 Groundwater Monitoring Methodology

During the April 2016 monitoring event, monitoring wells were purged of at least three well volumes or until dry using dedicated, disposable, 1.5 inch polyethylene bailers. While purging each well, groundwater parameter data including temperature, pH, conductivity, dissolved oxygen, and

oxidation reduction potential were collected using a multi-parameter sonde. Field parameters are summarized on Table 2. Groundwater samples were placed in laboratory prepared containers, packed on ice, and shipped under chain of custody documentation to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico.

Groundwater samples from monitoring wells SVE-3, 5-06C, 5-16B, 5-18B, 5-20B, 5-35B, and 5-59 were analyzed for BTEX by EPA Method 8260. Groundwater samples from monitoring wells 5-06C and 5-59 were also analyzed for PCBs by EPA Method 8082. Groundwater samples from monitoring wells SVE-3 and 5-35B were also analyzed for sulfate by EPA Method 300.0, dissolved iron by EPA Method 6010B, and total iron by EPA Method 6010B. A summary of analytical results for BTEX constituents is presented on Table 3. A summary of analytical results for PCBs is presented on Table 4. A summary of analytical results for sulfate, dissolved iron, and total iron is presented on Table 5. BTEX and PCB concentrations for the April 2016 sampling event are also shown on Figure 5.

2.3 Groundwater Monitoring Analytical Results

The New Mexico Water Quality Control Commission (NMWQCC) mandates that groundwater quality in New Mexico be protected. Groundwater quality standards can be found in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC).

Results of the April 2016 groundwater sampling event are as follows:

- Groundwater from monitoring well 5-02C was found to contain light non aqueous phase liquid (LNAPL) during pumping activities and was not sampled.
- **Benzene:** The NMWQCC groundwater quality standard for benzene is 10 micrograms per liter (µg/L). Groundwater samples collected from monitoring wells 5-16B, 5-35B, and SVE-3 contained benzene at concentrations of 2,500 µg/L, 2,100 µg/L and 4,200 µg/L, respectively (Figure 5).
- **Total Xylenes:** The NMWQCC groundwater quality standard for total xylenes is 620 µg/L. Groundwater samples collected from monitoring wells 5-16B, 5-35B and SVE-3 contained xylenes at concentrations of 1,100 µg/L, 780 µg/L and 830 µg/L, respectively.
- **PCBs:** The NMWQCC groundwater quality standard for PCBs is 1.0 µg/L. The groundwater samples collected from monitoring wells 5-06C and 5-59 did not contain PCBs above the laboratory detection limit.
- **Sulfate:** The NMWQCC groundwater quality standard for sulfate is 600 milligrams per liter (mg/L). The groundwater samples collected from SVE-3 and MW 5-35B did not contain sulfate above the standard.
- **Dissolved Iron:** The NMWQCC groundwater quality standard for dissolved iron is 1.0 mg/L. The groundwater samples collected from SVE-3 and MW5-35B contained dissolved iron at concentrations of 3.32 mg/L and 8.5 mg/L, respectively.
- **Total Iron:** The NMWQCC groundwater quality standard for dissolved iron is 1.0 mg/L. The groundwater samples collected from SVE-3 and MW 5-35B contained dissolved iron at concentrations of 3.2 mg/L and 8.5 mg/L, respectively.

A copy of the Laboratory Analytical Report for the annual groundwater sampling event is included in Appendix A.

2.4 Investigation Derived Waste

Purge water generated during groundwater sampling was placed in the on Site waste water tank. Once all groundwater purging was complete, the waste water tank was sampled. The waste water sample was stored on ice in a cooler and hand delivered along with groundwater samples to HEAL. The sample was analyzed for PCBs by EPA Method 8082.

The waste water sample did not exceed laboratory detection limits for PCBs. The waste water tank will be emptied by a regular waste removal system in place at the facility.

3. ISCO Injection

3.1 Introduction and Objectives

In situ chemical oxidation (ISCO) was recommended by the GHD ITG to further reduce the petroleum hydrocarbon concentrations due to its effectiveness at similar sites. ISCO is an effective method for treating localized high concentrations of a wide range of organic compounds, including BTEX compounds. In an oxidation reaction, the oxidizing agent breaks the carbon bonds in the hydrocarbons and converts them into nonhazardous compounds, primarily carbon dioxide and water. Commonly used oxidizing reagents include potassium permanganate, Fenton's Reagent (hydrogen peroxide in a solution of ferrous salts), catalyzed sodium persulfate, and ozone.

GHD injected air sparge wells AS-1 and AS-2 with sodium persulfate and sodium hydroxide from December 20th to the 22nd, 2016.

4. Summary and Recommendations

4.1 Summary

A summary of the annual groundwater monitoring event is as follows:

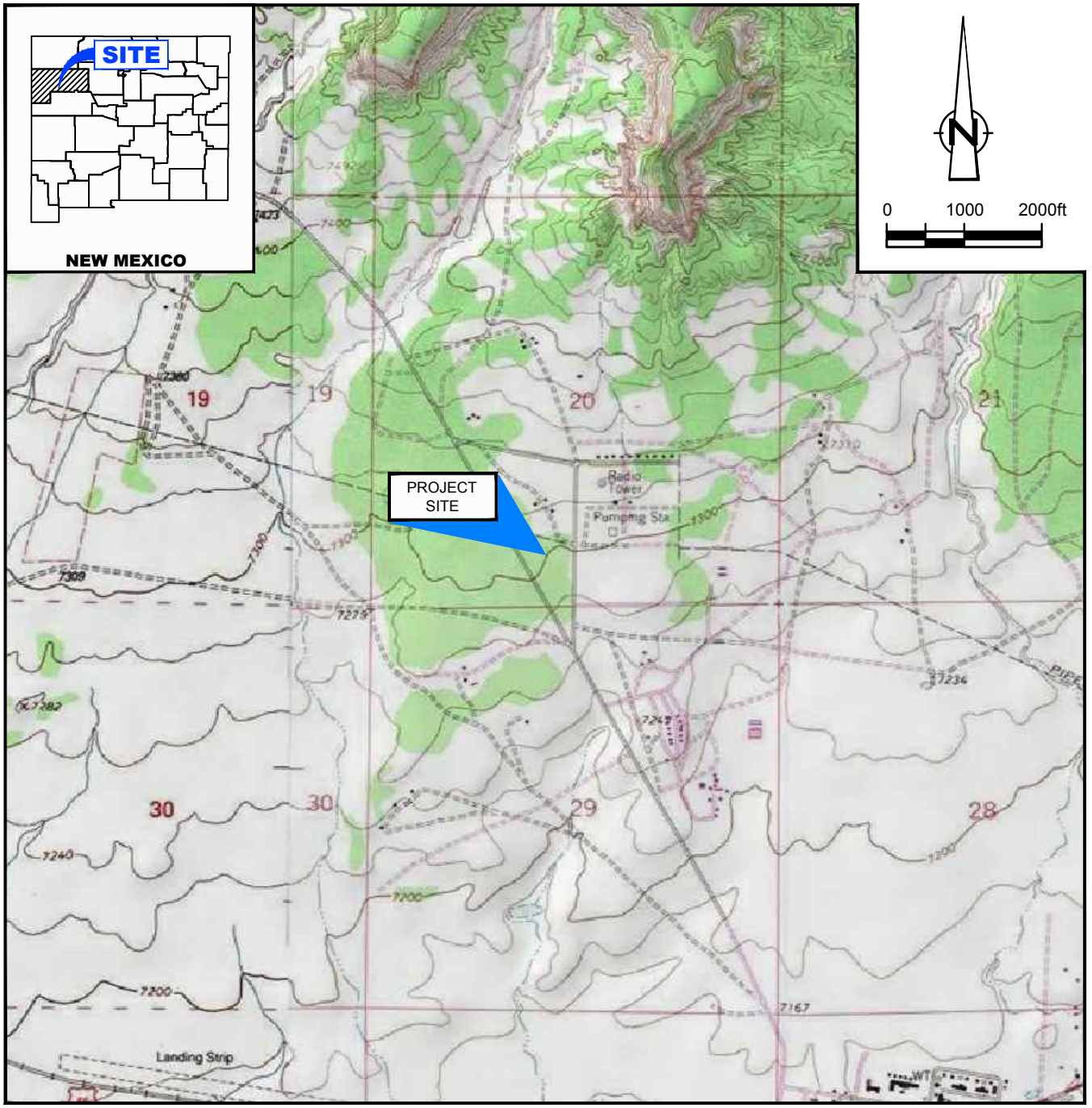
- Groundwater from monitoring well 5-02C was found to contain LNAPL during pumping activities and was not sampled.
- Benzene and xylene concentrations above the NMWQCC standards are present in monitoring wells 5-16B, 5-35B, and SVE-3. Elevated BTEX concentrations in groundwater appear to be localized to an area extending from 5-35B to 5-02C and from 5-35B to 5-16B.
- PCB concentrations above the NMWQCC standard were not present in monitoring wells 5-06C and 5-59. Concentrations of PCBs continue to indicate a generally decreasing trend and are now below the standard.

4.2 Recommendations

Based on the findings listed above, GHD recommends the following:

- Continue injections of sodium persulfate and sodium hydroxide into the groundwater to assess the effectiveness of ISCO; and perform post ISCO injection groundwater monitoring.
- Continuation of annual groundwater monitoring.

Figures



SOURCE: USGS 7.5 MINUTE QUAD
"BELL LAKE AND TIP TOP WELLS, NEW MEXICO"

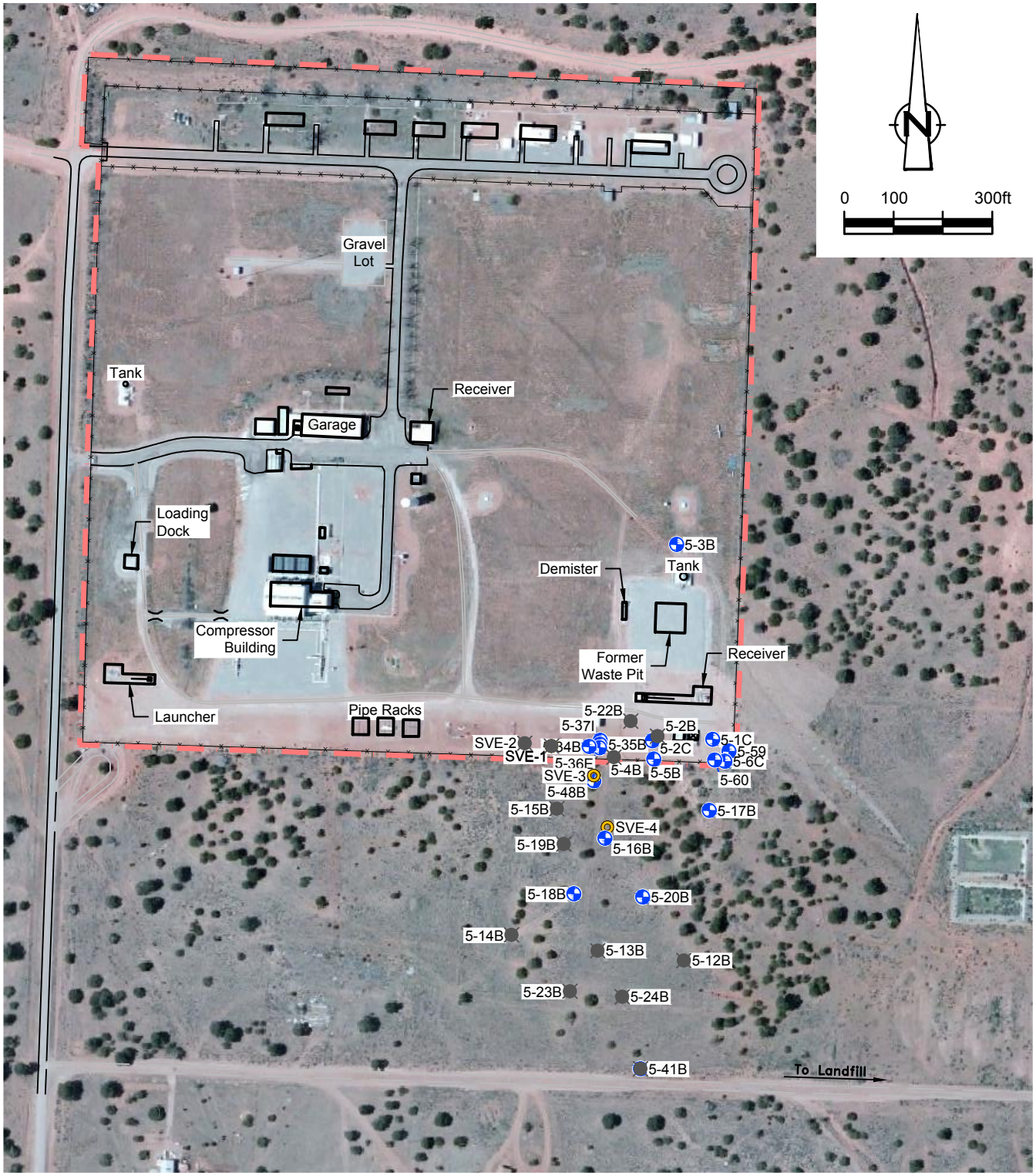
LAT/LONG: 35.4262° NORTH, 108.2360° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO WEST

Figure 1

SITE LOCATION MAP
THOREAU COMPRESSOR STATION
McKINLEY COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

GHD

086242-00(003)GN-DL001 JUL 14/2015



LEGEND

- Monitor Well Location
- SVE Well Location
- Plugged and Abandoned Monitoring Well
- Approximate Station Boundary
- Fence Line

GHD

Figure 2

SITE DETAIL MAP
THOREAU COMPRESSOR STATION
McKINLEY COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

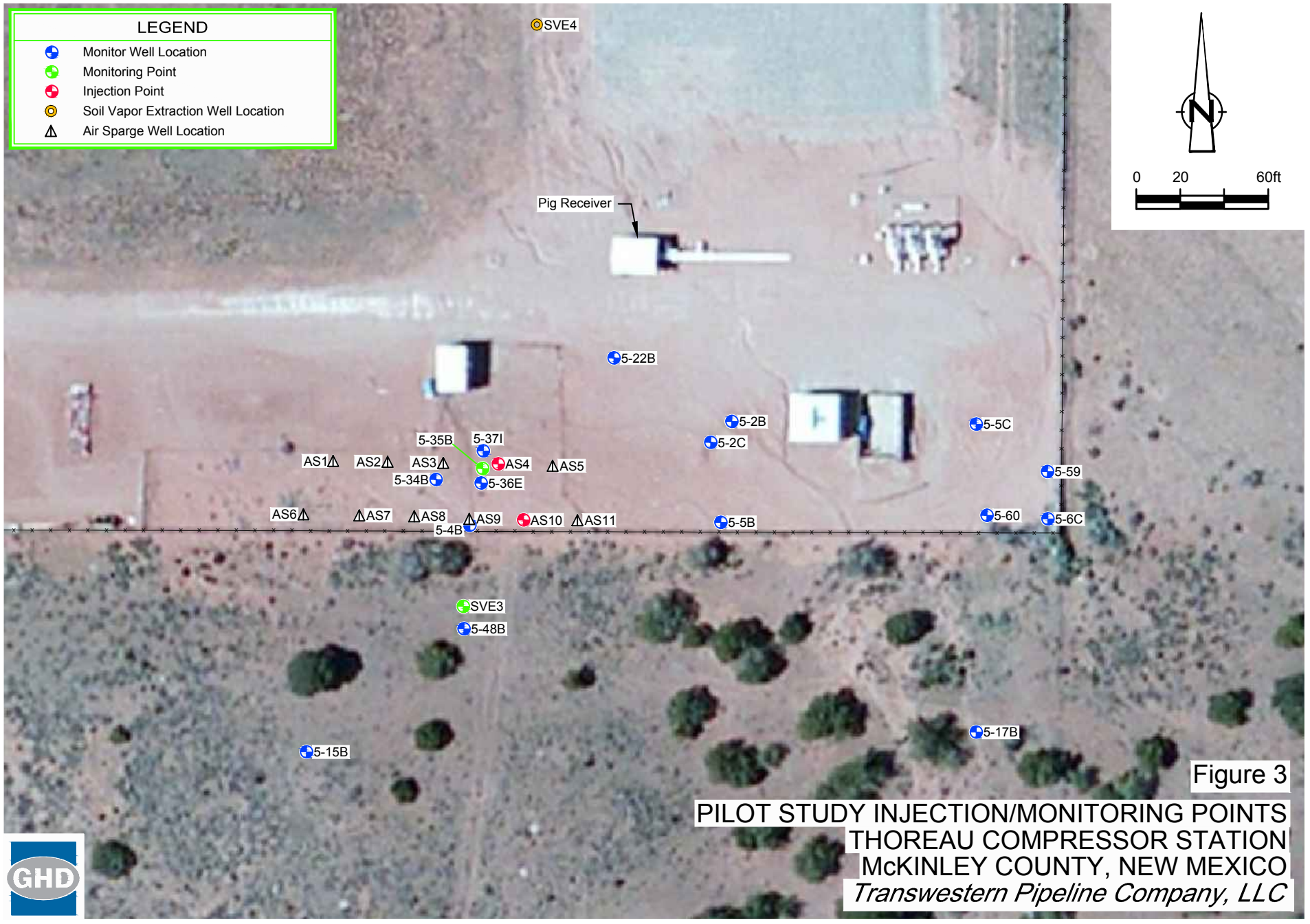


Figure 3

PILOT STUDY INJECTION/MONITORING POINTS
THOREAU COMPRESSOR STATION
McKINLEY COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

GHD

086242-00(004)GN-DL004 MAR 27, 2017

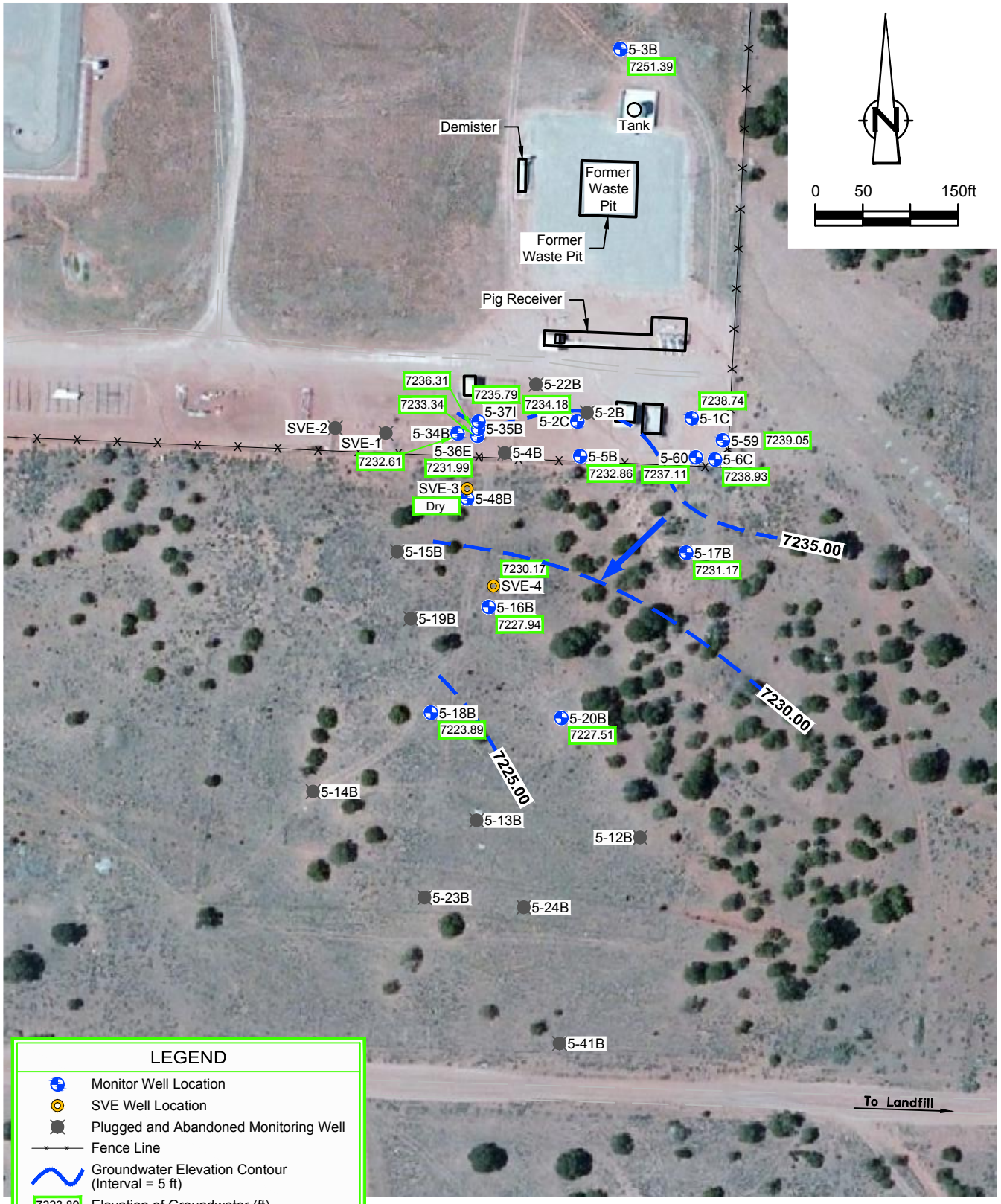


Figure 4

APRIL 2016 POTENTIOMETRIC SURFACE MAP
THOREAU COMPRESSOR STATION
McKINLEY COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

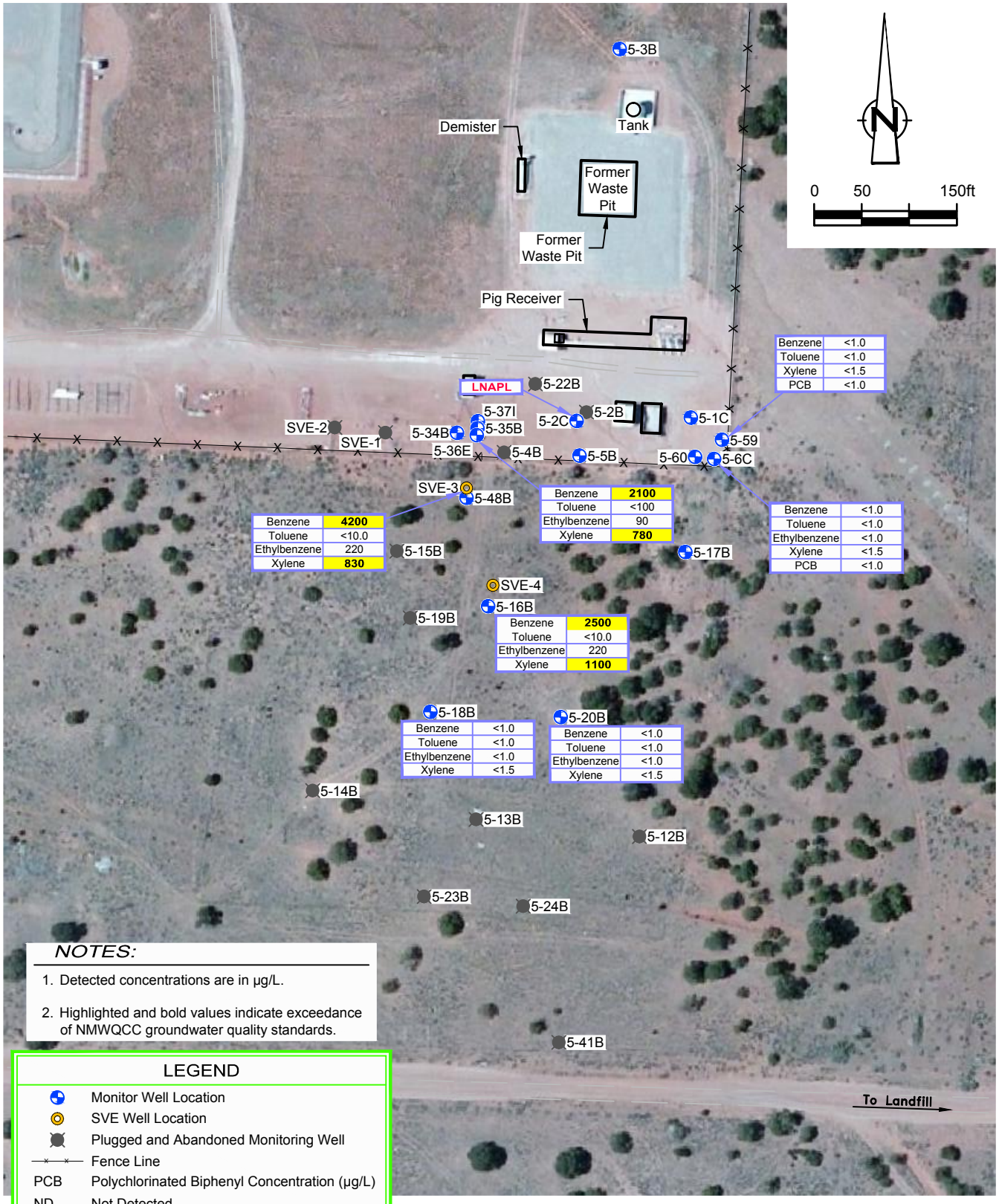


Figure 5

APRIL 2016 BTEX AND PCB CONCENTRATION MAP
THOREAU COMPRESSOR STATION
McKINLEY COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

Tables

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		08/18/97	---	48.77	---	7241.76
		11/16/97	---	49.03	---	7241.50
5-01C	7,292.11	02/10/98	---	NM	---	---
		06/08/98	---	NM	---	---
		09/29/98	---	NM	---	---
		04/27/99	---	NM	---	---
		10/11/99	---	NM	---	---
		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
		06/08/05	---	52.63	---	7239.48
		07/10/06	---	52.85	---	7239.26
		07/25/07	---	52.93	---	7239.18
		09/22/08	---	53.06	---	7239.05
		08/04/09	---	52.99	---	7239.12
		05/18/10	---	52.99	---	7239.12
		09/25/11	---	52.79	---	7239.32
		06/12/12	---	52.99	---	7239.12
		07/23/13	---	53.14	---	7238.97
		04/20/16	---	53.37	---	7238.74

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		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
	7,293.24 (a)	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	---	NM	---	---
		05/19/97	---	NM	---	---
		08/18/97	---	NM	---	---
		11/16/97	---	NM	---	---
		02/10/98	---	NM	---	---
		10/11/99	55.70	55.75	0.05	7237.53
		05/10/00	---	55.08	---	7238.16
		11/14/00	---	56.09	---	7237.28
		05/21/01	56.03	56.33	0.30	7237.14
		11/16/01	---	56.36	---	7236.94
		04/17/02	56.27	56.33	0.06	7236.96
		10/30/02	---	56.53	---	7236.91
		05/21/03	---	56.07	---	7237.17
		11/10/03	---	56.89	---	7236.35
		06/07/04	---	dry	---	---
		06/08/05	---	dry	---	---
		07/10/06	---	dry	---	---
		07/25/07	---	dry	---	---
		09/22/08	---	dry	---	---
		08/04/09	---	dry	---	---
		05/18/10	---	dry	---	---
		09/25/11	---	56.36	---	7236.88
		06/12/12	---	dry	---	---
		07/23/13	---	dry	---	---
		11/26/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		11/10/03	---	56.07	---	7235.75
		06/07/04	---	56.36	---	7235.46
		06/08/05	---	56.68	---	7235.14
		07/10/06	57.47	57.74	0.27	7234.29
		07/25/07	sheen	57.07	sheen	7234.75
		09/22/08	sheen	56.50	sheen	7235.32
		08/04/09	sheen	56.98	sheen	7234.84
		05/18/10	57.25	57.30	0.05	7234.56
		09/25/11	---	56.19	---	7235.63
		06/12/12	sheen	56.77	sheen	7235.05
		07/10/12	sheen	56.85	sheen	7234.97
		07/23/13	sheen	57.35	sheen	7234.47
		04/21/14	sheen	57.57	sheen	7234.25
		04/13/15	sheen	57.66	sheen	7234.16
		04/20/16	---	57.64	---	7234.18

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		06/08/05	---	51.77	---	7251.99
		07/10/06	---	52.08	---	7251.68
		07/25/07	---	52.33	---	7251.43
		09/22/08	---	52.40	---	7251.36
		08/04/09	---	52.39	---	7251.37
		05/18/10	---	52.46	---	7251.30
		09/25/11	---	52.13	---	7251.63
		06/12/12	---	52.12	---	7251.64
		07/23/13	---	52.04	---	7251.72
		04/20/16	---	52.37	---	7251.39

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		02/19/92	---	48.91	---	7243.48
		03/18/92	---	47.22	---	7245.17
		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
	7,292.72 (a)	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
		06/08/05	---	58.56	---	7234.16
		07/10/06	---	dry	---	---
		07/25/07	---	dry	---	---
		09/22/08	---	dry	---	---
		08/04/09	---	dry	---	---
		05/18/10	---	dry	---	---
		09/25/11	---	58.19	---	7234.53
		06/12/12	---	58.60	---	7234.12
		07/23/13	---	dry	---	---
		11/18/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		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	---	---
	7,292.02 (a)	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
		06/08/05	---	57.29	---	7234.73
		07/10/06	---	57.74	---	7234.28
		07/25/07	---	57.96	---	7234.06
		09/22/08	---	57.85	---	7234.17
		08/04/09	---	57.15	---	7234.87
		05/18/10	---	58.31	---	7233.71
		09/25/11	---	57.38	---	7234.64
		06/12/12	---	58.77	---	7233.25
		07/23/13	---	58.53	---	7233.49
		04/20/16	---	59.16	---	7232.86

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		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
		06/08/05	---	51.61	---	7239.85
		07/10/06	---	51.90	---	7239.56
		07/25/07	---	52.09	---	7239.37
		09/22/08	---	52.26	---	7239.20
		08/04/09	---	52.26	---	7239.20
		05/18/10	---	52.16	---	7239.30
		09/25/11	---	52.16	---	7239.30
		06/12/12	---	52.28	---	7239.18
		07/10/12	---	52.30	---	7239.16
		07/23/13	---	52.36	---	7239.10
		04/22/14	---	52.38	---	7239.08
		04/13/15	---	52.47	---	7238.99
		04/20/16	---	52.53	---	7238.93

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		05/20/03	---	54.00	---	7225.61
		11/10/03	---	54.09	---	7225.52
		06/07/04	---	54.15	---	7225.46
		06/08/05	---	54.41	---	7225.20
		07/10/06	---	54.60	---	7225.01
		07/25/07	---	54.79	---	7224.82
		09/22/08	---	54.90	---	7224.71
		08/04/09	---	54.95	---	7224.66
		05/18/10	---	54.94	---	7224.67
		09/25/11	---	54.83	---	7224.78
		06/12/12	---	54.77	---	7224.84
		07/23/13	---	54.96	---	7224.65
		11/17/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		11/10/03	---	59.28	---	7223.15
		06/07/04	---	59.49	---	7222.94
		06/08/05	---	59.50	---	7222.93
		07/10/06	---	60.40	---	7222.03
		07/25/07	---	60.79	---	7221.64
		09/22/08	---	61.14	---	7221.29
		08/04/09	---	61.22	---	7221.21
		05/18/10	---	61.29	---	7221.14
		09/25/11	---	61.19	---	7221.24
		06/12/12	---	60.92	---	7221.51
		07/23/13	---	61.20	---	7221.23
		11/17/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		06/08/05	---	62.92	---	7222.84
		07/10/06	---	63.48	---	7222.28
		07/25/07	---	63.95	---	7221.81
		09/22/08	---	64.50	---	7221.26
		08/04/09	---	64.83	---	7220.93
		05/18/10	---	65.15	---	7220.61
		09/25/11	---	65.66	---	7220.10
		06/12/12	---	66.18	---	7219.58
		07/23/13	---	66.43	---	7219.33
		11/17/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
5-15B	7,292.92	08/14/90	---	49.86	---	7243.06
		11/14/90	---	49.98	---	7242.94
		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
		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
		06/08/05	---	59.35	---	7233.57
		07/10/06	---	59.99	---	7232.93
		07/25/07	---	60.65	---	7232.27
		09/22/08	---	60.77	---	7232.15
		08/04/09	---	60.81	---	7232.11
		05/18/10	---	60.91	---	7232.01
		09/25/11	---	60.36	---	7232.56
		06/12/12	---	60.26	---	7232.66
		07/23/13	---	61.03	---	7231.89
		11/18/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		05/21/03	---	54.65	---	7234.17
		11/10/03	---	54.94	---	7233.88
		06/07/04	---	55.32	---	7233.50
		06/08/05	---	55.94	---	7232.88
		07/10/06	---	56.57	---	7232.25
		07/25/07	---	57.11	---	7231.71
		09/22/08	---	57.50	---	7231.32
		08/04/09	---	57.56	---	7231.26
		05/18/10	---	57.73	---	7231.09
		09/25/11	---	57.27	---	7231.55
		06/12/12	---	57.23	---	7231.59
		07/23/13	---	57.89	---	7230.93
		04/21/14	---	60.22	---	7228.60
		04/13/15	---	60.18	---	7228.64
		04/20/16	---	60.88	---	7227.94

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		11/10/03	---	48.51	---	7236.24
		06/07/04	---	48.69	---	7236.06
		06/08/05	---	48.73	---	7236.02
		07/10/06	---	49.71	---	7235.04
		07/25/07	---	49.99	---	7234.76
		09/22/08	---	50.06	---	7234.69
		08/04/09	---	50.50	---	7234.25
		05/18/10	---	50.82	---	7233.93
		09/25/11	---	50.44	---	7234.31
		06/12/12	---	50.33	---	7234.42
		07/23/13	---	51.13	---	7233.62
		04/20/16	---	53.58	---	7231.17

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		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
		06/08/05	---	59.65	---	7226.76
		07/10/06	---	60.29	---	7226.12
		07/25/07	---	60.82	---	7225.59
		09/22/08	---	61.28	---	7225.13
		08/04/09	---	61.46	---	7224.95
		05/18/10	---	61.61	---	7224.80
		09/25/11	---	61.38	---	7225.03
		06/12/12	---	61.18	---	7225.23
		07/23/13	---	61.65	---	7224.76
		04/21/14	---	61.84	---	7224.57
		04/13/15	---	62.09	---	7224.32
		04/20/16	---	62.52	---	7223.89

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		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	---	NM	---	---
		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
		11/10/03	---	56.88	---	7233.64
		06/07/04	---	57.24	---	7233.28
		06/08/05	---	57.84	---	7232.68
		07/10/06	---	58.43	---	7232.09
		07/25/07	---	58.89	---	7231.63
		09/22/08	---	59.24	---	7231.28
		08/04/09	---	59.31	---	7231.21
		05/18/10	---	59.42	---	7231.10
		09/25/11	---	58.95	---	7231.57
		06/12/12	---	58.86	---	7231.66
		07/23/13	---	59.53	---	7230.99
		11/18/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		06/08/05	---	54.50	---	7230.10
		07/10/06	---	55.33	---	7229.27
		07/25/07	---	55.74	---	7228.86
		09/22/08	---	56.02	---	7228.58
		08/04/09	---	56.13	---	7228.47
		05/18/10	---	56.15	---	7228.45
		09/25/11	---	55.82	---	7228.78
		06/12/12	---	55.80	---	7228.80
		07/23/13	---	56.24	---	7228.36
		04/21/14	---	56.56	---	7228.04
		04/13/15	---	56.78	---	7227.82
		04/20/16	---	57.09	---	7227.51

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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	---	dry	---	---
		09/08/98	---	54.05	---	7238.69
		09/29/98	---	54.16	---	7238.58
		04/27/99	---	dry	---	---
		10/11/99	---	dry	---	---
		05/10/00	---	dry	---	---
		11/14/00	---	dry	---	---
		05/21/01	---	dry	---	---
		11/16/01	---	dry	---	---
		04/17/02	---	dry	---	---
		10/30/02	---	dry	---	---
		05/21/03	---	dry	---	---
		11/10/03	---	dry	---	---
		06/07/04	---	dry	---	---
		06/08/05	---	dry	---	---
		07/10/06	---	dry	---	---
		07/25/07	---	dry	---	---
		09/22/08	---	dry	---	---
		08/04/09	---	dry	---	---
		05/18/10	---	dry	---	---
		09/25/11	---	53.48	---	7239.26
		06/12/12	---	54.00	---	7238.74
		07/23/13	---	54.32	---	7238.42
		11/26/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		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
		06/08/05	---	63.93	---	7218.70
		07/10/06	---	64.52	---	7218.11
		07/25/07	---	65.07	---	7217.56
		09/22/08	---	65.63	---	7217.00
		08/04/09	---	65.89	---	7216.74
		05/18/10	---	66.11	---	7216.52
		09/25/11	---	66.23	---	7216.40
		06/12/12	---	66.17	---	7216.46
		07/23/13	---	66.44	---	7216.19
		11/17/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		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
		06/08/05	---	60.41	---	7218.77
		07/10/06	---	60.68	---	7218.50
		07/25/07	---	60.85	---	7218.33
		09/22/08	---	60.96	---	7218.22
		08/04/09	---	61.00	---	7218.18
		05/18/10	---	61.00	---	7218.18
		09/25/11	---	60.89	---	7218.29
		06/12/12	---	60.82	---	7218.36
		07/23/13	---	61.02	---	7218.16
		11/17/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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	---	---
		02/10/98	---	61.00	---	7233.71
		10/11/99	58.54	58.56	0.02	7236.17
		05/10/00	57.33	57.35	0.02	7237.38
		11/14/00	---	57.61	---	7237.10
		05/21/01	58.78	58.83	0.05	7235.92
		11/16/01	---	59.26	---	7235.45
		04/17/02	59.09	59.86	0.77	7235.44
		10/30/02	---	60.10	---	7234.61
		05/21/03	59.48	60.72	1.24	7234.93
		11/10/03	---	61.31	---	7233.40
		06/07/04	60.32	61.38	1.06	7234.14
		06/08/05	---	61.26	---	7233.45
		08/05/05	---	61.33	---	7233.38
		07/10/06	61.02	61.56	0.54	7233.56
		07/25/07	62.44	62.97	0.53	7232.14
		09/22/08	61.35	61.40	0.05	7233.35
		08/04/09	61.05	61.06	0.01	7233.66
		05/18/10	61.73	61.78	0.05	7232.97
		09/25/11	---	60.61	---	7234.10
		06/12/12	sheen	60.89	sheen	7233.82
		07/23/13	61.55	61.58	0.03	7233.15
		04/20/16	62.09	62.15	0.06	7232.61

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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	---	---
		05/19/97	sheen	56.21	sheen	7240.67
		08/18/97	---	56.41	---	7240.47
		11/16/97	---	NM	---	---
	7,295.33 (a)	02/10/98	---	55.79	---	7239.54
		10/11/99	57.15	57.16	0.01	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
		06/08/05	---	58.89	---	7236.44
		07/10/06	---	58.99	---	7236.34
		07/25/07	---	58.97	---	7236.36
		09/22/08	---	58.43	---	7236.90
		08/04/09	---	58.60	---	7236.73
		05/18/10	---	58.72	---	7236.61
		09/25/11	---	57.71	---	7237.62
		06/12/12	---	58.23	---	7237.10
		07/23/13	---	58.75	---	7236.58
		04/22/14	---	58.91	---	7236.42
		04/13/15	---	58.93	---	7236.40
		04/20/16	---	59.02	---	7236.31

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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	---	---
		11/17/14	Plugged and Abandoned			
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	---	NM	---	---
		05/19/97	---	65.39	---	7202.96
		08/18/97	---	66.03	---	7202.32
		11/16/97	---	NM	---	---

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		02/10/98	---	NM	---	---
		06/08/98	---	NM	---	---
		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
		06/08/05	---	58.86	---	7233.78
		07/10/06	---	59.44	---	7233.20
		07/25/07	---	59.84	---	7232.80
		09/22/08	---	dry	---	---
		08/04/09	---	dry	---	---
		05/18/10	---	dry	---	---
		09/25/11	---	59.65	---	7232.99
		06/12/12	---	59.68	---	7232.96
		07/23/13	---	dry	---	---
		04/20/16	---	dry	---	---
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	---	---

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
5-59	7,290.82	11/16/01	---	49.97	---	7240.85
		04/17/02	---	50.07	---	7240.75
		10/30/02	---	50.29	---	7240.53
		05/21/03	---	50.38	---	7240.44
		11/10/03	---	50.57	---	7240.25
		06/07/04	---	50.66	---	7240.16
		06/08/05	---	50.84	---	7239.98
		07/10/06	---	51.12	---	7239.70
		07/25/07	---	51.32	---	7239.50
		09/22/08	---	51.50	---	7239.32
		08/04/09	---	51.49	---	7239.33
		05/18/10	---	51.42	---	7239.40
		09/25/11	---	51.40	---	7239.42
		06/12/12	---	51.51	---	7239.31
		07/10/12	---	51.53	---	7239.29
		07/23/13	---	51.59	---	7239.23
		04/22/14	---	51.63	---	7239.19
		04/13/15	---	51.71	---	7239.11
		04/20/16	---	51.77	---	7239.05
5-60	7,290.83	11/16/01	---	52.01	---	7238.82
		04/17/02	---	52.07	---	7238.76
		10/30/02	---	52.27	---	7238.56
		05/21/03	---	52.33	---	7238.50
		11/10/03	---	52.51	---	7238.32
		06/07/04	---	52.60	---	7238.23
		06/08/05	---	52.75	---	7238.08
		07/10/06	---	52.97	---	7237.86
		07/25/07	---	53.10	---	7237.73
		09/22/08	---	53.26	---	7237.57
		08/04/09	---	53.30	---	7237.53
		05/18/10	---	53.17	---	7237.66
		09/25/11	---	52.83	---	7238.00
		06/12/12	---	53.09	---	7237.74
		07/23/13	---	53.47	---	7237.36
		04/20/16	---	53.72	---	7237.11
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
		06/08/05	---	61.46	---	7235.42
		07/10/06	---	dry	---	---
		07/25/07	---	dry	---	---
		09/22/08	---	dry	---	---
		08/04/09	---	dry	---	---
		05/18/10	---	dry	---	---
		09/25/11	---	61.39	---	7235.49
		06/12/12	---	61.31	---	7235.57
		07/23/13		61.43	---	7235.45
		11/18/14	Plugged and Abandoned			

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		06/08/05	---	61.67	---	7236.01
		07/10/06	---	dry	---	---
		07/25/07	---	dry	---	---
		09/22/08	---	dry	---	---
		08/04/09	---	dry	---	---
		05/18/10	---	dry	---	---
		09/25/11	---	61.57	---	7236.11
		06/12/12	---	dry	---	---
		07/23/13		dry		---
		11/18/14	Plugged and Abandoned			
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
		11/10/03	---	58.76	---	7234.92
		06/07/04	---	59.15	---	7234.53
		06/08/05	---	60.42	---	7233.26
		07/10/06	60.05	60.71	0.66	7233.47
		07/25/07	60.51	60.52	0.01	7233.17
		09/22/08	---	60.53	---	7233.15
		08/04/09	---	60.08	---	7233.60
		05/18/10	---	60.91	---	7232.77
		09/25/11	---	60.13	---	7233.55
		06/12/12	---	60.25	---	7233.43
		07/23/13	---	60.99	---	7232.69
		04/22/14	---	61.80	---	7231.88
		04/13/15	---	61.41	---	7232.27
		04/20/16	---	61.69	---	7231.99

Table 1

Summary of Groundwater Elevation Data
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Measuring Point Elevation (feet amsl)	Date	Depth to LNAPL (feet below MP)	Depth to Ground Water (feet below MP)	PSH Thickness (feet)	Ground Water Elevation (feet amsl)
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
		06/08/05	---	56.79	---	7233.04
		07/10/06	---	57.45	---	7232.38
		07/25/07	---	57.94	---	7231.89
		09/22/08	---	58.31	---	7231.52
		08/04/09	---	58.36	---	7231.47
		05/18/10	---	58.57	---	7231.26
		09/25/11	---	58.10	---	7231.73
		06/12/12	---	58.03	---	7231.80
		07/23/13		58.71		7231.12
		04/20/16	---	59.66	---	7230.17
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
		06/08/05	---	60.37	---	7235.94
		07/10/06	---	60.47	---	7235.84
		07/25/07	---	60.45	---	7235.86
		09/22/08	---	59.93	---	7236.38
		08/04/09	---	60.28	---	7236.03
		05/18/10	---	60.18	---	7236.13
		09/25/11	---	59.15	---	7237.16
		06/12/12	---	59.71	---	7236.60
		07/23/13	---	60.27	---	7236.04
		04/20/16	---	60.52	---	7235.79
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
		06/08/05	---	62.62	---	7233.94
		07/10/06	---	62.83	---	7233.73
		07/25/07	---	62.93	---	7233.63
		09/22/08	---	62.46	---	7234.10
		08/04/09	---	61.84	---	7234.72
		05/18/10	---	63.11	---	7233.45
		09/25/11	---	61.82	---	7234.74
		06/12/12	---	62.25	---	7234.31
		07/23/13	---	62.97	---	7233.59
		04/20/16	---	63.22	---	7233.34

Notes:

amsl = above mean sea level

LNAPL = light non-aqueous phase liquid
MP = measuring point
--- = not applicable
NM = not measured

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-01B	11/21/95	3.8	7.37	12.8	1314
	02/21/96	7.5	7.40	11.9	960
	05/23/96	10.6a	7.28	13.2	1327
	08/14/96	NM	7.51	15.8	1324
	11/21/96	6.3	7.13	13.0	1080
	02/27/97	4.57	7.49	7.7	820
	05/21/97	3.73	7.02	14.0	990
	08/20/97	NM	7.29	14.7	1312
5-01C	11/23/97	5.5	7.59	14.9	1252
	02/12/98	3.4	7.86	11.3	1137
	06/11/98	5.9	7.77	17.5	1248
	10/01/98	2.8	7.70	13.9	1255
	04/29/99	--/2.8	7.67	13.1	1262
	10/13/99	4.1	7.78	14.9	1294
	05/12/00	0.0/1.2	7.57	12.8	1390
	11/17/00	2.6	7.57	13.0	1467
	05/22/01	2.6/2.6	7.48	14.0	1510
	11/18/01	2.5	7.46	14.7	1506
	04/20/02	3.2	7.50	14.5	1494
	10/30/02	3.6	7.48	14.8	1498
	05/21/03	3.5	7.43	15.7	1571
	11/10/03	3.9	7.32	12.5	1387
	06/07/04	2.7	7.43	14.5	1637
	06/08/05	---	7.39	14.1	1658
	07/11/06	3.3	7.28	13.4	1318
	07/25/07	3.3	7.61	13.4	1300
	09/23/08	3.0	7.88	13.0	1310
	08/04/09	3.9	7.08	14.2	1718
5-02B	11/21/95	2.1	6.89	14.5	920
	02/22/96	4.0	7.14	11.9	1010
	05/23/96	1.4	7.21	14.0	1430
	08/14/96	NM	7.36	15.0	1000
	11/21/96	2.9	7.02	13.0	990
	02/28/97	2.2	7.20	9.6	990
	11/26/14	Plugged and Abandoned			

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-02C	11/24/97	3.0	7.24	12.5	1439
	02/11/98	0.9	7.24	10.1	1397
	06/10/98	1.3	7.15	13.5	1502
	10/01/98	2.1	7.17	14.6	1617
	04/28/99	--/0.8	7.10	13.4	1756
	10/13/99	0.9	7.12	14.1	1858
	05/13/00	0.9	7.11	13.4	1821
	11/17/00	2.2	7.18	13.1	1832
	05/24/01	2.6/1.6	7.11	15.8	1800
	11/17/01	NM	7.14	14.8	1806
	04/20/02	1.5	7.15	15.0	1829
	10/31/02	0.9	7.11	15.6	1811
	05/22/03	1.2	7.10	16.4	1833
	11/11/03	1.7	7.03	12.9	1541
	06/08/04	1.3	7.04	15.9	1934
	06/09/05	---	7.04	14.3	1984
	09/25/11	--	--	--	--
	07/10/12	--	--	--	--
	07/23/13	--	--	--	--
	04/21/14	--	--	--	--
5-03B	11/15/95	8.0	7.59	14.0	860
	05/20/96	7.0b	8.26	13.4	1282
	08/12/96	8.6b	7.91	14.2	1000
	11/18/96	8.0/7.0	7.77	12.0	1110
	02/24/97	5.74/7.0	7.77	10.2	980
	05/20/97	8.8/8.0	7.73	13.8	1060
	05/18/97	8.0	7.69	13.5	1423
	11/17/97	7.36/8.0	7.64	13.4	1100
	02/10/98	8.17	7.36	12.5	1000
	06/08/98	8.8	7.58	13.4	1375
	06/11/98	8.8	7.60	13.3	1379
	09/29/98	8.3/8.0	7.59	13.9	1390
	04/27/99	8.6	7.72	13.8	1357
	10/11/99	8.6/8.0	7.75	13.1	1326
	05/11/00	7.6/7.5	7.78	13.1	1311
	05/22/01	8.5/8.0	7.79	14.1	1314
	04/18/02	8.2	7.81	14.9	1347
	05/20/03	8.1	7.74	16.0	1415
	06/07/04	2.7	7.65	14.2	1450
5-04B	11/17/95	NM	7.15	14.6	1097
	11/22/95	5.6	7.87	14.0	720
	05/14/00	--	--	--	--
	11/17/00	1.9	7.57	12.1	1851
	05/22/01	2.7/2.6	7.54	16.1	1994
	11/18/01	4.0	7.56	16.6	1994
	04/19/02	4.8	7.48	17.0	1974
	10/30/02	4.9	7.31	17.1	1961
	05/21/03	7.1	7.52	18.5	1966
	11/10/03	8.9	7.85	14.9	1669
	11/18/14	Plugged and Abandoned			

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-05B	11/17/95	2.9	7.04	13.0	1350
	05/22/96	1.4	7.36	13.8	1419
	08/14/96	1.08	7.61	14.3	1395
	11/20/96	4.2	7.26	12.2	1110
	02/25/97	2.86	7.46	8.2	890
	10/13/99	7.1	7.42	13.2	1512
	05/11/00	2.2/2.4	7.38	13.3	1565
	11/17/00	2.5	7.43	12.8	1592
	05/22/01	2.5	7.37	14.4	1578
	11/18/01	1.1	7.45	14.8	1290
	04/18/02	0.8	7.41	17.9	1444
	10/30/02	1.2	7.29	15.1	1495
	05/21/03	1.0	7.29	15.8	1515
	11/10/03	2.1	7.16	12.4	1316
	06/08/04	1.0	7.21	13.9	1555
5-06B	11/21/95	3.2	7.51	14.0	880
	02/22/96	7.2	7.71	12.6	880
	05/23/96	1.7	7.90	13.2	1248
	08/15/96	NM	7.57	15.0	980
	11/22/96	4.5	7.34	11.9	900
	02/28/97	1.11	7.78	11.7	895
	05/22/97	1.66	7.29	13.5	920
	08/20/97	2.7/2.2	7.62	14.2	1140
5-06C	11/23/97	0.5/0.8	7.67	14.3	1181
	02/12/98	0.0	7.75	11.9	1072
	06/11/98	3.2/0.6	7.67	16.0	1159
	10/02/98	0.7	7.64	13.6	1152
	04/29/99	--/1.0	7.55	12.8	1135
	10/14/99	0.2/0.4	7.66	13.3	1156
	05/13/00	0.4/0.6	7.65	13.2	1178
	11/17/00	2.1	7.62	13.0	1287
	05/22/01	0.9	7.61	13.9	1252
	11/18/01	1.1	7.62	14.4	1241
	04/20/02	1.4	7.64	14.4	1256
	10/30/02	0.5	7.62	14.7	1265
	05/21/03	1.7	7.47	15.2	1432
	11/10/03	1.8	7.38	12.3	1244
	06/07/04	1.4	7.43	14.4	1441
	06/09/05	---	7.34	12.7	1560
	07/11/06	2.0	7.42	13.7	1145
	07/25/07	3.0	7.57	13.0	1094
	09/23/08	3.1	7.88	13.2	1115
	08/04/09	2.8	7.06	13.4	1461
	05/18/10	2.9	6.83	12.6	1538
	09/25/11	6.9	7.24	13.8	1351
	06/12/12	3.6	7.00	13.3	1469
	07/10/12	3.7	7.15	13.2	1455
	07/23/13	3.1	6.80	13.3	1517
	04/22/14	3.8	6.95	15.4	1585
	04/13/15	4.71	6.84	13.8	1410
	04/21/16	3.62	7.16	12.7	1480

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-12B	11/16/95	6.5	7.38	13.9	900
	05/24/96	8.0	7.44	15.0	870
	08/13/96	8.6	8.27	13.9	1242
	11/19/96	--/8.0	7.25	12.5	890
	02/26/97	4.78/6.5	7.58	11.8	895
	05/21/97	6.15	7.48	13.7	905
	08/19/97	--/7.0	7.61	14.9	1255
	11/17/97	8.49	7.65	13.9	990
	02/11/98	6.2 /7.0	7.70	11.3	1114
	06/09/98	10.2/8.0	7.65	17.1	1217
	09/30/98	8.1/7.0	7.67	15.4	1232
	04/27/99	7.8	7.70	12.8	1240
	10/12/99	7.2	7.87	14.2	1241
	05/11/00	6.7	7.83	14.4	1248
	05/23/01	6.7	7.78	15.2	1251
	04/19/02	7.4	8.04	15.1	1241
	05/20/03	8.6	8.00	15.8	1242
	06/08/04	3.9	8.03	16.3	1323
	11/17/14	Plugged and Abandoned			
5-13B	11/20/95	4.3	7.59	13.9	800
	02/21/96	4.2	7.67	13.8	840
	05/22/96	1.4	7.68	13.8	860
	08/13/96	3.04	8.71	14.5	850
	11/20/96	2.7	7.49	13.0	850
	02/26/97	1.51	7.53	11.9	850
	05/21/97	2.79	7.31	13.4	880
	08/19/97	1.2/0.8	7.49	17.6	1205
	11/18/97	--/1.2	7.78	10.1	1060
	02/11/98	1.3/1.0	7.81	11.0	1077
	06/09/98	1.8	7.54	14.6	1166
	09/30/98	1.2/1.4	7.57	14.3	1187
	04/27/99	--	7.54	12.8	1223
	10/12/99	3.0	7.62	13.4	1257
	05/11/00	0.1/0.8	7.50	13.2	1274
	11/16/00	2.1/1.0	7.44	13.2	1306
	05/23/01	2.3	7.47	14.1	1296
	11/17/01	2.2	7.53	15.0	1288
	04/19/02	1.9	7.49	15.2	1267
	10/31/02	1.7	7.47	15.4	1265
	05/20/03	1.9	7.44	15.5	1263
	11/11/03	1.8	7.34	12.9	1112
	06/08/04	1.5	7.95	16.4	1330
	11/17/14	Plugged and Abandoned			

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-14B	11/16/95	8.0	8.03	14.6	1056
	05/21/96	9.8a	8.01	13.9	1011
	08/13/96	6.89	8.64	15.6	992
	11/19/96	6.1	7.42	12.5	720
	02/26/97	--/6.5	7.87	10.5	931
	05/21/97	6.81/7.0	7.87	13.2	964
	11/17/97	6.8	7.86	11.9	841
	02/10/98	8.12	6.91	10.2	630
	06/09/98	8.7/8.5	7.85	17.3	923
	09/30/98	6.70	7.79	15.0	1064
	04/27/99	7.5/6.5	7.79	13.3	1058
	10/12/99	7.9	7.88	13.5	1075
	05/11/00	7.3	7.85	13.0	1014
	05/24/01	8.1	7.86	14.3	1027
	04/19/02	6.9	7.86	15.5	1148
	05/22/03	7.2	7.79	16.1	1168
	06/08/04	3.4	7.82	16.2	1246
	11/17/14	Plugged and Abandoned			
5-15B	11/16/95	6.9	7.98	12.5	982
	05/22/96	4.9	7.67	13.0	710
	08/14/96	9.85	8.26	14.4	1006
	11/20/96	--/8.0	7.54	14.0	720
	02/26/97	--/6.8	7.82	11.4	977
	05/21/97	6.49	7.77	12.9	1020
	08/19/97	8.0/8.0	7.80	14.5	934
	11/17/97	6.4/6.5	7.78	11.8	904
	02/11/98	6.22/7.0	7.39	13.1	720
	06/10/98	8.0/7.0	7.73	14.4	979
	09/30/98	9.6	7.76	16.1	1031
	04/28/99	--/7.0	7.73	13.0	1022
	10/12/99	5.8	7.87	13.3	950
	05/12/00	8.1	7.65	13.1	1008
	05/24/01	6.4	7.77	14.6	1049
	04/19/02	6.0	7.79	15.6	1116
	05/22/03	5.2	7.73	17.0	1150
	06/08/04	3.1	7.69	15.2	1159
	11/18/14	Plugged and Abandoned			

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-16B	11/20/95	2.4	7.50	13.0	800
	02/21/96	3.5	7.58	13.8	840
	05/23/96	1.3	7.47	13.2	1181
	08/15/96	1.9/1.0	7.46	14.3	1214
	11/21/96	--/1.0	7.45	13.0	1000
	02/27/97	2.31	7.52	12.0	1131
	05/22/97	1.13	7.30	14.9	900
	08/20/97	1.6/0.4	7.41	15.4	1100
	11/19/97	0.4/0.4	7.46	12.6	1096
	02/11/98	2.78	7.16	11.6	840
	06/10/98	--	--	--	--
	10/01/98	--	--	--	--
	04/28/99	--	--	--	--
	10/13/99	--	--	--	--
	05/12/00	--	--	--	--
	11/17/00	--	--	--	--
	05/24/01	--	--	--	--
	11/18/01	--	--	--	--
	04/20/02	--	--	--	--
	10/31/02	--	--	--	--
	05/22/03	--	--	--	--
	11/11/03	--	--	--	--
	06/08/04	1.47	7.76	15.60	544
	06/08/05	NM	7.67	15.30	1566
	07/10/06	--	--	--	--
	07/25/07	--	--	--	--
	09/23/08	--	--	--	--
	08/04/09	--	--	--	--
	05/18/10	--	--	--	--
	09/25/11	--	--	--	--
	06/12/12	--	--	--	--
	07/23/13	--	--	--	--
	04/21/14	2.00	6.88	14.72	1596
	04/13/15	3.5	7.1	13.57	1490
	04/21/16	1.98	7.31	13.50	1550

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-17B	11/20/95	7.4	7.65	13.4	1525
	05/22/96	6.4	7.44	12.5	1005
	08/14/96	NM	7.66	17.0	1090
	11/20/96	NM	7.69	13.6	1160
	02/27/97	4.57	7.64	11.6	930
	05/21/97	NM	7.64	14.2	990
	08/20/97	9.0/8.0	7.67	15.8	1335
	11/18/97	9.5	7.91	12.0	990
	02/11/98	NM	7.25	10.2	910
	06/10/98	9.4	7.67	13.9	1331
	10/02/98	10.0	7.70	15.0	1345
	04/28/99	--/7.8	7.69	13.7	1344
	10/13/99	8.8/9.0	7.77	12.9	1381
	05/12/00	8.2	7.76	12.9	1363
	11/17/00	8.5	7.78	13.1	1385
	05/23/01	9.2/8.0	7.73	14.6	1405
	11/17/01	NM	7.73	14.9	1388
	04/19/02	8.4	7.80	14.8	1401
	10/31/02	8.5	7.75	15.3	1361
	05/22/03	8.6	7.71	15.7	1383
	11/11/03	8.9	7.61	12.6	1231
	06/08/04	3.3	7.44	14.9	1529
	06/08/05	NM	7.36	13.9	1816
	07/10/06	3.2	7.25	13.1	1597
	07/25/07	4.7	7.48	13.6	1557
	09/23/08	5.6	7.83	13.1	1583
	08/04/09	5.9	7.02	13.7	2005

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-18B	11/17/95	1.4	7.68	14.0	720
	02/21/96	5.6	7.76	12.2	760
	05/22/96	1.5	7.62	13.3	790
	08/14/96	2.38	8.27	14.2	1071
	11/20/96	2.3	7.70	13.0	890
	02/27/97	1.29	7.78	11.7	988
	05/22/97	4.45	7.71	13.3	1065
	08/19/97	0.8/0.4	7.69	14.1	988
	11/17/97	7.76	7.72	12.9	860
	02/11/98	2.28	7.33	12.8	790
	06/10/98	0.6/0.6	7.61	13.6	1095
	09/30/98	2.2/0.8	7.60	15.6	1142
	04/28/99	--/1.4	7.53	12.7	1144
	10/12/99	2.3/2.0	7.64	14.0	1164
	05/12/00	2.4	7.54	13.4	1198
	11/16/00	3.8	7.52	13.0	1257
	05/24/01	3.8	7.51	15.7	1264
	11/17/01	3.8	7.51	15.4	1234
	04/20/02	2.0	7.61	14.5	1124
	10/31/02	1.0	7.56	15.5	1112
	05/22/03	1.6	7.52	15.6	1117
	11/11/03	1.9	7.45	13.0	976
	06/08/04	1.8	7.43	16.5	1171
	06/08/05	NM	7.52	14.7	1198
	07/10/06	3.0	7.39	13.9	964
	07/25/07	1.3	7.59	14.8	962
	09/23/08	2.9	7.91	14.5	989
	08/04/09	1.1	7.04	15.2	1233
	05/18/10	1.7	6.78	13.2	1341
	09/25/11	2.1	7.10	13.5	1389
	06/12/12	2.1	6.97	13.5	1362
	07/23/13	2.4	6.93	14.2	1363
	04/21/14	5.4	7.11	21.0	1312
	04/13/15	2.94	7.08	13.11	1350
	04/21/16	1.4	7.42	13.0	1460

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-19B	11/20/95	2.00	7.68	13.0	700
	02/21/96	4.4	7.81	12.7	730
	05/22/96	2.0	7.78	14.1	1023
	08/14/96	3.0	7.99	14.7	1022
	11/21/96	3.2	7.79	12.8	840
	02/27/97	1.9/1.8	7.83	10.2	951
	05/21/97	2.7	7.84	12.8	1002
	08/20/97	2.5/1.6	7.82	15.7	939
	11/17/97	3.68/1.0	7.91	12.3	800
	02/11/98	2.26	7.47	12.0	710
	06/10/98	0.5	7.80	13.8	968
	10/01/98	0.2/0.4	7.75	14.0	982
	04/28/99	--/0.4	7.89	12.7	982
	10/12/99	0.2	8.00	13.6	990
	05/12/00	0.6/0.8	7.89	13.0	986
	11/17/00	1.2/1.4	7.96	13.2	999
	05/24/01	1.8/1.6	7.93	14.9	1007
	11/17/01	1.5	7.92	15.2	1019
	04/19/02	0.7	8.00	15.1	1038
	10/31/02	2.6	7.95	15.5	1051
	05/22/03	1.0	7.88	16.2	1094
	11/11/03	1.4	7.81	13.0	971
	06/08/04	1.5	7.87	15.0	1147
	11/18/14	Plugged and Abandoned			
5-20B	11/17/95	2.9	7.16	13.7	1200
	05/22/96	1.8	7.18	14.4	1120
	08/14/96	4.84	7.82	16.2	1629
	11/20/96	NM	7.04	12.5	1180
	02/27/97	1.51	7.21	11.1	1120
	05/22/97	1.83/1.0	7.39	13.4	1537
	08/19/97	2.5/1.2	7.13	16.9	1590
	11/18/97	6.91	7.42	12.4	1200
	02/11/98	0.00	7.35	10.9	1369
	06/09/98	2.80	7.29	16.1	1481
	10/01/98	2.4/1.8	7.31	15.8	1467
	04/28/99	--/0.8	7.30	13.4	1362
	10/12/99	2.6/2.2	7.46	14.4	1334
	05/12/00	0.5/0.6	7.25	12.7	1325
	11/16/00	1.4/1.4	7.45	12.7	1337
	05/24/01	1.1/0.8	7.48	14.4	1290
	11/17/01	1.4	7.52	15.2	1260
	04/19/02	0.7	7.49	14.9	1275
	10/31/02	1.1	7.48	15.3	1292
	05/22/03	0.5	7.42	15.7	1306
	11/11/03	1.5	7.35	12.9	1149
	06/08/04	1.6	7.41	13.9	1332
	06/08/05	NM	7.43	15.0	1347
	07/10/06	1.3	7.46	13.5	1030
	07/25/07	1.3	7.55	14.3	1028
	09/23/08	1.9	7.88	13.6	1032
	08/04/09	0.3	6.99	14.1	1335
	05/18/10	2.1	6.99	12.9	1419
	09/25/11	1.9	7.17	13.3	1401
	06/12/12	1.6	7.03	13.4	1390
	07/23/13	1.7	6.89	13.4	1353
	04/21/14	3.4	6.98	18.4	1213
	04/13/15	3.3	7.42	13.83	1140
	04/21/16	1.65	7.55	12.9	1240

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-22B	11/15/95	6.4	7.70	12.9	990
	02/22/96	6.6	7.47	12.3	1030
	05/20/96	NM	8.32	13.8	1549
	08/12/96	8.01	7.63	15.0	1100
	11/18/96	5.6	7.48	12.2	1300
	02/27/97	3.53	7.39	10.0	1180
	05/22/97	NM	7.49	13.0	1899
	08/20/97	3.0/2.2	7.32	14.8	2060
	11/18/97	--/1.8	7.80	13.6	1740
	11/26/14	Plugged and Abandoned			
5-23B	11/16/95	3.8	7.31	13.3	800
	05/22/96	2.6	7.66	13.0	1077
	08/13/96	5.06	8.80	15.0	780
	11/19/96	4.4	7.69	13.0	880
	02/26/97	--/3.4	7.73	11.8	1018
	05/21/97	4.1/4.0	7.73	12.6	1036
	08/19/97	3.0/2.8	7.75	14.5	949
	11/17/97	2.0	7.74	11.1	920
	02/10/98	1.0	7.77	10.7	928
	06/08/98	2.8/2.2	7.01	13.7	1004
	09/29/98	2.6/2.0	7.67	13.7	1013
	04/27/99	2.6/2.0	7.72	12.9	1015
	10/12/99	1.6/1.8	7.83	12.8	1024
	05/11/00	1.5/1.8	7.77	13.0	1035
	05/23/01	2.1	7.72	14.0	1084
	04/19/02	1.5	7.72	15.0	1103
	05/20/03	1.2	7.71	15.6	1112
	06/08/04	1.6	7.63	14.3	1131
	11/17/14	Plugged and Abandoned			
5-24B	11/17/95	1.7	7.33	13.2	1050
	05/21/96	3.5	7.41	13.9	1050
	08/13/96	2.32	8.07	16.0	1050
	11/19/96	3.30	7.36	12.6	1210
	02/26/97	--/1.4	7.42	11.6	1468
	05/20/97	4.83	7.56	12.6	1240
	05/21/97	3.44	7.24	13.1	1110
	08/19/97	3.8/4.0	7.32	15.5	1568
	11/18/97	2.20	7.39	12.2	1386
	02/10/98	3.2/3.0	7.44	11.2	1392
	06/09/98	4.30	7.34	14.6	1492
	09/29/98	5.5	7.32	13.6	1499
	04/27/99	9.7/8.0	7.37	14.1	1501
	10/11/99	4.3	7.46	13.6	1468
	05/11/00	4.8	7.43	13.5	1454
	11/16/00	7.4/6.0	7.52	12.6	1467
	05/23/01	2.9	7.52	15.0	1475
	11/17/01	4.9	7.54	15.3	1449
	04/19/02	2.2	7.56	15.0	1426
	10/31/02	4.1	7.62	15.3	1413
	05/20/03	1.3	7.51	15.4	1397
	11/11/03	4.8	7.46	13.0	1215
	06/08/04	2.8	7.68	15.4	1428
	11/17/14	Plugged and Abandoned			

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-35B	05/18/10	1.61	6.48	15.07	1834
	09/25/11	1.53	6.96	17.51	1554
	06/12/12	1.74	6.84	15.79	1643
	07/23/13	--	--	--	--
	04/22/14	1.85	6.49	15.45	1644
	04/13/15	No parameters due to insufficient well volume			
	04/21/16	3.56	7.17	14.20	1570
5-37I	08/15/96	1.67	8.48	17.2	1382
	11/22/96	NM	7.70	14.9	1080
5-41B	11/16/95	2.00	7.28	14.5	940
	05/21/96	1.82	7.41	15.8	920
	08/13/96	2.68	7.99	15.0	910
	11/19/96	3.80	7.41	13.8	1080
	02/25/97	1.65	7.43	12.5	930
	05/20/97	4.83/3.0	7.56	12.6	1230
	08/18/97	--/2.2	7.55	14.1	1285
	11/26/14	Plugged and Abandoned			
5-47B	11/15/95	2.50	7.83	13.0	900
	05/21/96	4.70	7.54	14.6	1080
	08/13/96	3.17	7.98	15.2	1060
	11/19/96	NM	7.56	19.1	1110
	02/26/97	2.20	7.71	11.0	1000
	05/20/97	3.18/2.6	7.74	13.8	1100
	08/18/97	--/4.0	7.68	16.3	1470
5-48B	11/20/95	1.40	7.60	13.7	1035
	02/21/96	3.60	7.54	14.0	750
	05/22/96	2.20	7.62	14.6	1032
	08/14/96	2.80	7.62	15.5	800
	11/21/96	3.10	7.45	15.2	780
	02/27/97	2.40	7.61	11.8	950
	05/22/97	2.52	7.33	14.1	820
	08/20/97	2.2/0.4	7.34	18.3	1139
	11/19/97	5.57/1.6	7.48	14.0	900
	02/12/98	2.23	7.44	14.8	810
	06/11/98	3.6/2.0	7.53	16.3	1176
	10/01/98	0.2	7.56	15.7	1239
	04/28/99	NM	7.47	15.4	1261
	10/12/99	--	--	--	--
	05/12/00	--	--	--	--
	11/17/00	--	--	--	--
	05/22/01	--	--	--	--
	11/18/01	--	--	--	--
	04/20/02	0.9	7.54	15.7	1524
	10/30/02	--	--	--	--
	05/21/03	--	--	--	--
	11/11/03	--	--	--	--
	06/07/04	0.9	7.51	16.2	1550
	06/09/05	--	7.31	15.5	1530
5-57B	11/15/95	4.60	7.59	13.1	880
	05/20/96	3.10	8.75	13.2	1212
	08/12/96	5.24	7.76	14.0	875
	11/18/96	5.4/2.2	7.53	12.9	980
	02/25/97	--/3.4	7.71	10.6	1191
	05/20/97	6.01	7.69	12.8	1130
	08/18/97	0.7/2.6	7.69	14.4	1071

Table 2

Summary of Field Parameters
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Dissolved Oxygen (mg/L)	pH	Temperature °C	Electrical Conductivity (mmhos/cm)
5-58B	11/16/95	8.10	7.47	14.8	740
	05/20/96	6.70	8.71	13.2	1073
	08/12/96	6.44	7.71	14.5	750
	11/18/96	7.00	7.58	12.6	880
	02/25/97	7.0b	7.69	11.4	1073
	05/20/97	6.84	7.73	13.2	790
	08/18/97	5.8/6.5	7.68	15.2	964
5-59	11/18/01	6.2	7.50	14.5	1430
	04/20/02	6.7	7.60	14.1	1431
	10/30/02	8.1	7.68	14.6	1437
	05/21/03	5.9	7.40	15.3	1519
	11/11/03	6.8	7.21	12.4	1295
	06/08/04	3.2	7.38	12.8	1495
	06/09/05	NM	7.37	14.2	1453
	07/10/06	6.7	7.42	13.3	1112
	07/25/07	5.5	7.33	14.1	1124
	09/23/08	6.0	7.84	12.9	1143
	08/04/09	5.8	7.13	14.3	1501
	05/18/10	6.5	6.62	12.9	1555
	09/25/11	8.0	7.06	13.6	1546
	06/12/12	7.0	6.87	13.6	1573
	07/10/12	6.2	7.22	14.8	1543
	07/23/13	5.8	6.83	14.2	1590
	04/22/14	6.67	6.93	19.21	1640
	04/13/15	11.02	8.07	16.5	1420
	04/21/16	5.72	6.84	12.70	1510
5-60	11/18/01	6.5	7.67	14.5	1296
	04/20/02	6.6	7.74	14.1	1291
	10/30/02	7.4	7.67	14.9	1272
	05/21/03	7.7	7.63	15.6	1297
	11/10/03	7.5	7.72	12.4	1171
	06/07/04	3.1	7.60	13.9	1415
	06/09/05	NM	7.65	12.5	1428
	07/10/06	7.4	7.40	13.3	1095
	07/25/07	6.9	7.50	13.6	1059
	09/23/08	6.8	7.87	12.9	1034
	08/04/09	7.2	7.23	14.1	1362
SVE-1	05/11/00	7.8	7.90	13.5	992
	11/16/00	8.0	7.85	13.6	1008
	11/18/01	8.3	7.90	15.6	1016
	04/18/02	8.3	7.96	15.7	1017
	10/30/02	8.5	7.58	16.1	1000
	05/21/03	8.5	7.80	17.7	1009
	11/10/03	8.8	7.90	14.0	904
	06/07/04	2.1	7.98	21.7	1062
	11/18/14	Plugged and Abandoned			
SVE-3	05/18/10	--	--	--	--
	09/25/11	--	--	--	--
	06/12/12	--	--	--	--
	07/23/13	--	--	--	--
	04/22/14	1.39	6.83	14.27	1701
	04/13/15	3.35	6.73	13.63	1490
	04/21/16	2.43	7.09	14.30	1630

Notes:

mg/L = milligrams per liter
mmhos/cm = millimhos per centimeter
NM = not measured
-- = not applicable

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard		**10**	**750**	**750**	**620**
5-01B	12/01/89	< 5.0	6.3	< 5.0	NA
	03/01/90	< 5.0	< 5.0	< 5.0	25
	06/01/90	< 5.0	< 5.0	< 5.0	< 5.0
	08/01/90	< 1	< 1	< 1	3.5
	11/01/90	< 0.50	< 0.50	< 0.50	3.0
	01/01/91	< 1.0	< 1.0	< 1.0	4.8
	02/01/91	1.6	< 0.50	< 0.50	4.6
	03/01/91	2.0	< 0.50	< 0.50	5.2
	04/01/91	1.2	< 0.50	< 0.50	3.6
	05/01/91	< 0.50	< 0.50	< 0.50	5.4
	06/01/91	< 0.50	0.63	< 0.50	1.9
	07/01/91	< 0.50	< 0.50	< 0.50	6.0
	09/01/91	< 0.50	< 0.50	< 0.50	7.8
	10/01/91	< 0.50	< 0.50	< 0.50	6.4
	11/01/91	< 0.50	< 0.50	< 0.50	9.8
	12/01/91	< 0.50	< 0.50	< 0.50	2.4
	01/09/92	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	< 0.50	< 0.50	< 0.50	0.79
	02/20/92	< 0.50	< 0.50	< 0.50	5.2
	03/18/92	< 2.50	< 0.50	< 0.50	3.3
	04/29/92	< 0.50	< 0.50	< 0.50	2.3
	10/14/92	< 0.50	< 0.50	< 0.50	4.7
	12/13/94	< 0.50	< 0.50	< 0.50	< 0.50
	06/27/95	< 0.50	< 0.50	< 0.50	< 0.50
	10/06/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/21/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/22/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/15/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/22/96	0.8	< 0.50	< 0.50	< 0.50
	02/28/97	0.6	< 0.50	< 0.50	< 0.50
	05/22/97	1.2	< 0.50	< 0.50	< 0.50
	08/21/97	< 0.50	< 0.50	< 0.50	< 0.50

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-01C	11/23/97	1.4	< 0.50	< 0.50	< 0.50
	01/08/98	2.0	< 0.50	< 0.50	< 0.50
	02/12/98	< 0.50	< 0.50	< 0.50	< 0.50
	06/11/98	6.5	< 0.50	< 0.50	< 0.50
	10/02/98	5.2	< 0.50	< 0.50	< 0.50
	04/29/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/14/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/12/00	< 1.0	< 2.0	< 2.0	< 4.0
	11/17/00	< 0.50	< 0.50	< 0.50	< 1.0
	05/22/01	< 1.0	< 1.0	< 1.0	< 2.0
	11/19/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/20/02	< 0.50	< 0.50	< 0.50	< 0.50
	10/30/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/10/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/07/04	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/05	< 0.50	< 0.50	< 0.50	< 0.50
	07/11/06	< 1.0	< 1.0	< 1.0	< 3.0
	07/25/07	< 1.0	< 1.0	< 1.0	< 2.0
	09/23/08	< 1.0	< 1.0	< 1.0	< 2.0
	08/04/09	< 1.0	< 1.0	< 1.0	< 2.0
5-02B	05/01/89	**1800**	**2000**	< 200	NA
	08/01/89	**2500**	**4700**	< 500	NA
	11/01/89	**1800**	**3100**	250	NA
	03/01/90	**2300**	**3800**	< 250	**2400**
	06/01/90	**1900**	**3100**	< 250	**2300**
	08/01/90	**1400**	**2300**	180	**1700**
	11/01/90	**1500**	**2400**	230	**1900**
	01/01/91	**600**	730	110	**940**
	02/01/91	**460**	580	75	600
	03/01/91	**2400**	**3300**	290	**2600**
	04/01/91	**830**	**1200**	110	**920**
	05/01/91	**830**	**1200**	150	**1300**
	06/01/91	5.1	7.0	0.57	4.7
	07/01/91	**400**	600	49	420
	09/01/91	**510**	**750**	57	530
	10/01/91	**290**	450	37	310
	11/01/91	**740**	**1200**	97	**950**
	12/01/91	**330**	580	31	320
	01/09/92	**360**	710	52	480
	01/28/92	**420**	**810**	64	560
	02/20/92	**890**	**1600**	140	**1200**
	03/19/92	**910**	**2100**	170	**1700**
	04/29/92	**1700**	**3800**	240	**2200**
	10/14/92	**800**	700	74	**640**
	04/22/93	**120**	< 0.50	11	38
	12/09/94	**2100**	**2600**	220	**1800**
	06/26/95	**1200**	**2700**	130	**1200**
	10/06/95	**490**	**1600**	66	**640**
	11/21/95	**740**	**2900**	160	**1100**
	02/22/96	**260**	**1000**	62	600
	05/21/96	**380**	120	**1300**	**1100**
	08/14/96	**420**	**1200**	100	**880**
	11/21/96	**660**	**1300**	150	**1600**
	02/28/97	**260**	500	90	**680**
	11/26/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-02C	11/23/97	**26**	2.7	9.1	2.7
	02/11/98	**110**	7.0	33	8.3
	06/10/98	**460**	**1000**	120	**750**
	10/01/98	**1300**	**3500**	230	**1800**
	04/28/99	**1500**	**4400**	260	**2500**
	10/13/99	**1300**	**3900**	320	**3100**
	05/13/00	**980**	**3400**	340	**3500**
	11/17/00	**671**	**1000**	372	**3820**
	05/24/01	**446**	60	340	**3406**
	11/17/01	**587**	15.2	365	**3622**
	04/20/02	**450**	< 10.0	300	**3100**
	10/31/02	**330**	< 5.0	230	**2000**
	05/22/03	**290**	< 10.0	200	**800**
	11/11/03	**450**	< 2.50	240	**770**
	06/08/04	**270**	28	160	**1000**
	06/09/05	**300**	< 10.0	190	**1700**
	09/25/11	**27**	< 10.0	91	220
	07/10/12	**40**	12	130	**730**
	07/23/13	**34**	50	130	**1200**
	04/21/14	Not sampled due to LNAPL presence			
	04/13/15	Not sampled due to LNAPL presence			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-03B	05/01/89	< 5.0	< 5.0	< 5.0	NA
	11/01/89	< 5.0	< 5.0	< 5.0	NA
	04/01/90	< 5.0	< 5.0	< 5.0	< 5.0
	05/01/90	< 5.0	< 5.0	< 5.0	< 5.0
	08/01/90	< 1.0	< 1.0	< 1.0	< 1.0
	11/01/90	< 0.50	< 0.50	< 0.50	< 1.0
	01/01/91	< 0.30	< 0.30	< 0.30	< 0.60
	02/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	03/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	04/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	05/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	06/01/91	< 0.50	1.4	< 0.50	2.2
	07/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	09/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	10/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	11/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	12/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	01/09/92	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	< 0.50	< 0.50	< 0.50	< 0.50
	04/28/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/07/92	< 0.50	< 0.50	< 0.50	< 0.50
	12/09/94	< 0.50	< 0.50	< 0.50	< 0.50
	06/26/95	< 0.50	< 0.50	< 0.50	< 0.50
	10/03/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/15/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/12/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/18/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/24/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/18/97	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/97	< 0.50	< 0.50	< 0.50	< 0.50
	02/10/98	< 0.50	< 0.50	< 0.50	< 0.50
	06/11/98	< 0.50	< 0.50	< 0.50	< 0.50
	09/29/98	< 0.50	< 0.50	< 0.50	< 0.50
	04/27/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/11/00	< 1.0	< 2.0	< 2.0	< 4.0
	05/22/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/18/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/07/04	< 0.50	< 0.50	< 0.50	< 0.50
	10/01/89	< 25.0	< 25.0	< 25.0	NA
	12/01/89	**18**	< 5.0	< 5.0	NA

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-04B	01/01/90	**21**	< 5.0	< 5.0	NA
	04/01/90	**54**	< 5.0	7.1	110
	06/01/90	**60**	< 50.0	< 50	64
	08/01/90	**63**	9.5	< 1	15
	11/01/90	**25**	< 5.0	< 5.0	< 10
	01/01/91	**22**	1.6	0.75	5.6
	03/01/91	**76**	11	< 0.50	5.7
	04/01/91	**39**	0.66	< 0.50	2.9
	05/01/91	**90**	1.1	0.96	13
	06/01/91	**81**	21	14	87
	07/01/91	**71**	< 0.50	4.5	43
	09/01/91	**270**	< 1.0	6.6	54
	10/01/91	**180**	< 5.0	7.8	48
	11/01/91	< 1.2	< 1.2	11	83
	12/01/91	**100**	< 2.5	5.1	45
	01/10/92	**53**	< 1.2	3.7	44
	01/28/92	**48**	2.8	6.5	44
	02/19/92	**42**	< 1.0	3.4	39
	03/18/92	< 0.50	< 0.50	< 0.50	< 0.50
	04/28/92	**86**	80	60	570
	10/13/92	**230**	40	19	260
	04/21/93	**170**	130	26	280
	12/12/94	**12**	2.2	3.4	3.3
	12/20/94	2.7	0.7	< 0.5	1.3
	01/10/95	9.8	2.3	< 0.5	2.0
	03/07/95	**93**	1.5	6.1	1.9
	06/08/95	9.4	1.4	0.6	< 0.50
	06/26/95	**15**	< 0.5	0.7	< 0.50
	10/05/95	**44**	1.7	3.1	< 0.50
	11/17/95	9.9	1.1	0.6	< 0.50
	02/20/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/14/00	3	< 2.0	< 2.0	< 4.0
	11/17/00	1.65	< 0.50	< 0.50	< 1.00
	05/22/01	1.72	< 1.0	< 1.0	< 2.0
	11/18/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/18/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-05B	10/01/89	< 5.0	< 5.0	8.7	NA
	11/01/89	< 5.0	< 5.0	< 5.0	NA
	04/01/90	< 5.0	< 5.0	< 5.0	< 5.0
	06/01/90	< 5.0	< 5.0	< 5.0	< 5.0
	08/01/90	2.5	< 1.0	< 1.0	4.6
	11/01/90	1.4	< 0.50	< 0.50	2.9
	01/01/91	< 0.50	< 0.50	< 0.50	0.56
	02/01/91	**49**	35	7.4	56
	03/01/91	**12**	1.2	< 0.50	< 1.0
	04/01/91	1.3	< 0.50	< 0.50	< 1.0
	05/01/91	4.6	< 0.50	< 0.50	< 1.0
	06/01/91	3.8	< 0.50	< 0.50	< 1.0
	07/01/91	0.51	< 0.50	< 0.50	< 1.0
	09/01/91	3.0	< 0.50	< 0.50	< 1.0
	10/01/91	0.90	< 0.50	< 0.50	< 0.50
	11/01/91	1.2	< 0.50	< 0.50	< 0.50
	12/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	01/09/92	< 0.50	< 0.50	< 0.50	< 0.50
	01/27/92	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	**53**	< 0.5	11	84
	04/28/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/12/92	**770**	110	25	160
	04/21/93	**38**	< 0.5	2.4	3
	12/12/94	**150**	33	16	47
	06/26/95	**17**	0.7	1.6	0.9
	10/05/95	8.2	< 0.50	0.9	< 0.50
	11/17/95	5.0	< 0.50	< 0.50	< 0.50
	02/20/96	0.9	< 0.50	< 0.50	< 0.50
	05/21/96	1.0	< 0.50	< 0.50	< 0.50
	08/14/96	0.9	< 0.50	< 0.50	< 0.50
	11/20/96	3.3	1.5	< 0.50	< 0.50
	02/25/97	3.0	1.4	< 0.50	0.6
	10/14/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/11/00	< 1.0	< 2.0	< 2.0	< 4.0
	11/17/00	0.981	< 0.500	< 0.500	< 1.00
	05/22/01	1.61	< 1.0	< 1.0	< 2.0
	11/18/01	7.4	< 1.0	< 1.0	< 2.0
	04/18/02	5.2	< 0.50	< 0.50	< 0.50
	10/30/02	3.4	< 0.50	< 0.50	< 0.50
	05/21/03	2.1	0.92	1.0	2.6
	11/10/03	1.8	< 0.50	< 0.50	< 0.50
	06/08/04	2.5	< 0.50	0.51	1.3
	10/01/89	**15**	< 5.0	< 5.0	NA
	12/01/89	7.4	35	21	NA

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-06B	01/01/90	< 5.0	< 5.0	8.3	NA
	04/01/90	5.3	< 5.0	< 5.0	120
	06/01/90	< 5.0	< 5.0	< 5.0	19
	08/01/90	< 1.0	< 1.0	1.5	36
	11/01/90	1.8	< 0.50	0.5	21
	01/01/91	< 1.0	< 1.0	< 1.0	31
	02/01/91	**12**	2.5	< 0.50	21
	03/01/91	2.0	< 0.50	< 0.50	5.1
	04/01/91	5.2	< 0.50	< 0.50	12
	05/01/91	7.7	< 0.50	< 0.50	18
	06/01/91	**11**	2.3	< 0.50	25
	07/01/91	1.5	< 0.50	< 0.50	15
	09/01/91	3.5	< 0.50	< 0.50	13
	10/01/91	3.1	0.62	0.77	9.3
	11/01/91	1.4	< 0.50	< 0.50	6.0
	11/01/91	2.3	< 0.50	< 0.50	18
	12/01/91	< 0.50	< 0.50	< 0.50	5.0
	01/09/92	2.3	< 0.50	< 0.50	< 0.50
	01/27/92	1.3	< 0.50	< 0.50	2.6
	02/20/92	1.0	< 0.50	< 0.50	1.2
	03/18/92	0.9	< 0.50	< 0.50	2.3
	04/29/92	1.4	< 0.50	< 0.50	3.6
	10/14/92	1.0	< 0.50	< 0.50	2.8
	12/14/94	4.3	< 0.50	< 0.50	0.7
	06/27/95	2.2	< 0.50	< 0.50	< 0.50
	10/06/95	4.6	< 0.50	< 0.50	< 0.50
	11/21/95	6.2	< 0.50	< 0.50	< 0.50
	02/22/96	4.3	< 0.50	< 0.50	< 0.50
	04/17/96	8.9	< 0.50	< 0.50	0.5
	04/17/96	9.4	< 0.50	< 0.50	< 0.50
	05/21/96	1.2	< 0.50	< 0.50	< 0.50
	08/15/96	2.4	< 0.50	< 0.50	< 0.50
	11/22/96	0.9	< 5.0	< 5.0	< 0.50
	02/28/97	0.9	< 5.0	< 5.0	< 0.50
	05/22/97	0.7	< 5.0	< 5.0	< 0.50
	08/20/97	0.7	< 5.0	< 5.0	< 0.50
	11/23/97	1.4	0.6	< 5.0	11

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-06C	12/08/98	1.0	< 0.5	< 0.5	5.7
	01/08/98	1.9	< 0.5	< 0.5	3.1
	02/12/98	2.2	1.4	< 0.5	1.3
	06/11/98	1.2	0.6	< 0.5	< 0.5
	10/02/98	1.5	1.3	< 0.5	< 0.5
	04/29/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/14/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/13/00	1.0	< 2.0	< 2.0	< 4.0
	11/17/00	< 0.50	< 0.50	< 0.50	< 1.0
	05/22/01	< 1.0	< 1.0	< 1.0	< 2.0
	11/19/01	1.19	< 1.0	< 1.0	< 2.0
	04/20/02	1.1	< 0.50	< 0.50	< 0.50
	10/30/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/10/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/07/04	< 0.50	< 0.50	< 0.50	< 0.50
	06/09/05	< 0.50	< 0.50	< 0.50	< 0.50
	07/11/06	< 1.0	< 1.0	< 1.0	< 3.0
	07/25/07	< 1.0	< 1.0	< 1.0	< 2.0
	09/23/08	< 1.0	< 1.0	< 1.0	< 2.0
	08/04/09	< 1.0	< 1.0	< 1.0	< 2.0
	05/18/10	< 1.0	< 1.0	< 1.0	< 2.0
	09/25/11	< 1.0	< 1.0	< 1.0	< 2.0
	06/12/12	< 1.0	< 1.0	< 1.0	< 2.0
	07/23/13	< 1.0	< 1.0	< 1.0	< 2.0
	04/22/14	< 1.0	< 1.0	< 1.0	< 2.0
	04/13/15	< 1.0	< 1.0	< 1.0	< 1.5
	04/21/16	< 1.0	< 1.0	< 1.0	< 1.5

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-12B	08/01/90	< 1.0	< 1.0	< 1.0	< 1.0
	11/01/90	< 0.50	< 0.50	< 0.50	< 1.0
	01/01/91	1.5	4.7	0.79	3.8
	02/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	03/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	04/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	05/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	06/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	07/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	10/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/08/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/03/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/16/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/20/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/13/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/26/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/19/97	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/97	< 0.50	< 0.50	< 0.50	< 0.50
	02/11/98	< 0.50	< 0.50	< 0.50	< 0.50
	06/09/98	< 0.50	< 0.50	< 0.50	< 0.50
	09/30/98	< 0.50	< 0.50	< 0.50	< 0.50
	04/27/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/11/00	< 1.0	< 2.0	< 2.0	< 4.0
	05/23/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-13B	08/01/90	**54**	13	< 1.0	330
	11/01/90	**61**	< 10.0	< 10.0	480
	01/01/91	**180**	17	< 5.0	310
	02/01/91	**270**	25	< 10.0	460
	03/01/91	**240**	< 50.0	< 50.0	480
	04/01/91	**430**	< 0.50	< 0.50	**620**
	05/01/91	**290**	< 10	< 10.0	450
	06/01/91	**330**	0.53	< 0.50	600
	07/01/91	**97**	0.72	< 0.50	**760**
	10/01/91	**71**	< 5.0	< 5.0	510
	01/08/92	**150**	< 25.0	< 25.0	570
	05/01/92	**76**	8.0	< 0.5	67
	10/13/92	**88**	8.7	< 0.5	1.5
	10/05/95	0.6	2.5	0.5	1.9
	11/20/95	< 0.50	< 0.50	0.6	2.0
	02/21/96	1.0	0.7	< 0.50	< 0.50
	05/21/96	0.7	< 0.50	< 0.50	0.8
	08/13/96	1	5.4	< 0.50	< 0.50
	11/21/96	1.2	6.1	< 0.50	< 0.50
	02/26/97	1.5	5.9	< 0.50	2.5
	05/21/97	1.1	4.3	< 0.50	0.7
	08/19/97	1.2	2.9	< 0.50	0.6
	11/18/97	1.3	2	< 0.50	< 0.50
	02/11/98	0.9	1.5	< 0.50	< 0.50
	06/09/98	0.8	0.7	< 0.50	< 0.50
	09/30/98	< 0.50	1.5	< 0.50	< 0.50
	04/27/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/11/00	< 1.0	< 2.0	< 2.0	< 4.0
	11/16/00	< 0.50	< 0.50	< 0.50	< 1.0
	05/23/01	< 1.0	< 1.0	< 1.0	< 2.0
	11/17/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-14B	08/01/90	< 1.0	< 1.0	< 1.0	< 1.0
	11/01/90	< 0.50	< 0.50	< 0.50	< 1.0
	01/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	02/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	03/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	04/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	05/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	06/01/91	2.8	3.2	0.53	2.0
	07/01/91	0.60	< 0.50	< 0.50	< 1.0
	10/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	01/06/92	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/08/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/04/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/16/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/20/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	2.6	1.5	< 0.50
	08/13/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/26/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/19/97	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/97	< 0.50	< 0.50	< 0.50	< 0.50
	02/10/98	< 0.50	< 0.50	< 0.50	< 0.50
	06/09/98	< 0.50	< 0.50	< 0.50	< 0.50
	09/30/98	< 0.50	< 0.50	< 0.50	< 0.50
	04/27/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/11/00	< 1.0	< 2.0	< 2.0	< 4.0
	05/24/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-15B	08/01/90	< 1.0	< 1.0	< 1.0	< 1.0
	11/01/90	2.1	< 0.50	< 0.50	< 1.0
	01/01/91	< 0.30	< 0.30	< 0.30	1.0
	02/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	03/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	04/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	05/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	06/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	07/01/91	< 0.50	0.59	< 0.50	< 1.0
	10/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/08/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/05/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/16/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/20/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/14/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/20/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/26/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/19/97	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/97	0.9	< 0.50	< 0.50	0.5
	02/11/98	1.5	< 0.50	1.0	1.2
	06/10/98	< 0.50	< 0.50	< 0.50	< 0.50
	09/30/98	< 0.50	< 0.50	< 0.50	< 0.50
	04/28/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/12/00	< 1.0	< 2.0	< 2.0	< 4.0
	05/24/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	11/18/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-16B	08/01/90	**19**	25	50	320
	01/01/91	< 0.30	< 0.30	< 0.30	< 0.60
	02/01/91	**320**	46	170	**860**
	03/01/91	**920**	14	1.2	130
	04/01/91	**92**	< 0.50	0.68	9.2
	05/01/91	**270**	< 12.0	230	**1100**
	06/01/91	**450**	490	460	**2300**
	07/01/91	**260**	140	400	**2400**
	09/01/91	**460**	320	550	**3600**
	10/01/91	**170**	420	460	**3200**
	11/01/91	**180**	430	330	**2400**
	12/01/91	**140**	490	360	**2900**
	01/08/92	**200**	500	410	**3000**
	02/20/92	**170**	330	470	**3200**
	03/18/92	**53**	89	400	**2400**
	04/29/92	**23**	3.3	210	**1000**
	10/13/92	5.1	2.3	12	63
	04/20/93	6.5	< 0.50	14	51
	10/05/95	**610**	**5900**	300	**2600**
	11/20/95	**970**	**7100**	430	**3100**
	02/21/96	**1700**	**6900**	340	**3600**
	05/21/96	**1500**	280	**6900**	**3500**
	08/15/96	**670**	**3600**	130	**2400**
	11/21/96	**460**	**2200**	130	**2500**
	02/27/97	**250**	**1100**	190	**2000**
	05/22/97	**130**	720	110	**1500**
	08/20/97	**130**	**820**	120	**1300**
	11/19/97	**85**	730	100	**1100**
	02/11/98	**41**	360	90	**660**
	06/10/98	**23**	210	56	590
	10/01/98	**140**	190	66	590
	04/28/99	**200**	170	45	**620**
	10/13/99	**610**	630	79	600
	12/05/99	**720**	390	130	570
	05/12/00	**600**	290	92	360
	11/17/00	**1360**	742	213	**1010**
	05/24/01	**1240**	487	174	**1105**
	11/18/01	**2330**	**948**	356	**1987**
	04/20/02	**1800**	660	230	**1400**
	10/31/02	**1300**	240	170	**1100**
	05/22/03	**1300**	130	180	**950**
	11/11/03	**2300**	240	340	**1700**
	06/08/04	**890**	< 5.0	110	260
	06/08/05	**1400**	< 5.0	160	520
	07/10/06	**1600**	< 20.0	150	380
	07/25/07	**1700**	< 20.0	170	590
	09/23/08	**1900**	< 5.0	180	600
	08/04/09	**1300**	< 5.0	150	590
	05/18/10	**3800**	11	340	**2200**
	09/25/11	**4400**	< 20.0	350	**2600**
	06/12/12	**3300**	< 50.0	230	**1600**
	07/23/13	**5100**	< 50.0	390	**3000**
	04/21/14	**5000**	< 50.0	360	**2500**
	04/13/15	**3200**	< 50.0	240	**1300**
	04/13/15 (DUP)	**1600**	< 50.0	110	610
	04/21/16	**2500**	< 10.0	220	**1100**

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-17B	08/01/90	< 1.0	< 1.0	< 1.0	< 1.0
	11/01/90	< 0.50	< 0.50	< 0.50	< 1.0
	01/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	02/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	03/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	04/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	05/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	06/01/91	0.72	2.9	1.8	11
	07/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	10/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	01/08/92	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	< 0.50	< 0.50	< 0.50	< 0.50
	04/28/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/07/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/06/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/20/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/20/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/14/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/20/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/27/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/20/97	< 0.50	< 0.50	< 0.50	< 0.50
	11/18/97	< 0.50	< 0.50	< 0.50	< 0.50
	02/11/98	< 0.50	< 0.50	< 0.50	< 0.50
	06/10/98	< 0.50	< 0.50	< 0.50	< 0.50
	10/01/98	< 0.50	< 0.50	< 0.50	< 0.50
	04/28/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/13/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/12/00	< 1.0	< 2.0	< 2.0	< 4.0
	11/17/00	< 0.50	< 0.50	< 0.50	< 1.00
	05/23/01	< 1.0	< 1.0	< 1.0	< 2.0
	11/17/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/05	< 0.50	< 0.50	< 0.50	< 0.50
	07/10/06	< 1.0	< 1.0	< 1.0	< 3.0
	07/25/07	< 1.0	< 1.0	< 1.0	< 2.0
	09/23/08	< 1.0	< 1.0	< 1.0	< 2.0
	08/04/09	< 1.0	< 1.0	< 1.0	< 2.0

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-18B	08/01/90	**1100**	14	< 1.0	220
	11/01/90	**1900**	< 100.0	< 100.0	320
	01/01/91	**1300**	< 25.0	< 25.0	170
	02/01/91	**970**	11	< 5.0	170
	03/01/91	**260**	1.8	< 0.50	23
	04/01/91	**1000**	< 1.0	< 1.0	78
	06/01/91	**680**	1.1	1.0	150
	07/01/91	**1500**	3.0	1.5	70
	10/01/91	**1200**	< 25.0	< 25.0	130
	01/08/92	**1100**	< 25.0	< 25.0	88
	05/01/92	**790**	2.7	< 0.5	36
	10/13/92	**820**	< 0.5	1.0	36
	04/22/93	**360**	< 0.5	0.5	2.6
	10/05/95	**87**	8.4	9.0	26
	11/17/95	**240**	24	22	53
	02/21/96	**290**	54	37	110
	05/21/96	**390**	56	1.3	50
	08/14/96	**400**	< 0.50	53	0.9
	11/21/96	**210**	5	48	< 0.50
	02/27/97	9.4	5.2	64	1.5
	05/22/97	< 0.50	4.7	88	0.8
	08/19/97	1.1	4.9	110	1.5
	11/17/97	0.9	6	140	1.1
	02/11/98	0.9	6.4	120	1.1
	06/10/98	< 0.50	6.2	64	< 0.50
	09/30/98	5.6	1.3	17	1.0
	04/28/99	2	< 1	< 1	2.0
	10/12/99	**17**	< 2	5	42
	05/12/00	**10**	< 2	12	14
	11/16/00	1.93	< 0.50	< 0.50	1.60
	05/24/01	2.92	< 1.0	< 1.0	< 2.0
	11/17/01	**< 1.0**	< 1.0	< 1.0	< 2.0
	04/20/02	0.55	< 0.50	0.72	0.89
	10/31/02	0.68	< 0.50	< 0.50	0.95
	05/22/03	< 0.50	5.9	< 0.50	2.5
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	0.91	1.2
	06/08/05	< 0.50	< 0.50	< 0.50	< 0.50
	07/10/06	< 1.0	< 1.0	< 1.0	< 3.0
	07/25/07	< 1.0	< 1.0	< 1.0	< 2.0
	09/23/08	< 1.0	< 1.0	< 1.0	< 2.0
	08/04/09	< 1.0	< 1.0	< 1.0	< 2.0
	05/18/10	< 1.0	< 1.0	< 1.0	< 2.0
	09/25/11	< 1.0	< 1.0	< 1.0	< 2.0
	06/12/12	< 1.0	< 1.0	< 1.0	< 2.0
	07/23/13	< 1.0	< 1.0	< 1.0	< 2.0
	04/21/14	< 1.0	< 1.0	< 1.0	< 2.0
	04/13/15	< 1.0	< 1.0	< 1.0	< 1.5
	04/21/16	< 1.0	< 1.0	< 1.0	< 1.5

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-19B	08/01/90	**190**	3.5	5.8	44
	11/01/90	**180**	11	< 10.0	< 20.0
	01/01/91	**150**	< 0.30	0.60	15
	02/01/91	**200**	5.8	< 2.5	14
	03/01/91	**200**	30	180	**880**
	04/01/91	**290**	< 25.0	210	**880**
	05/01/91	**240**	< 0.50	0.71	21
	06/01/91	**290**	7.5	2.2	22
	07/01/91	**240**	< 0.50	0.58	14
	10/01/91	**140**	< 2.5	< 2.5	12
	01/08/92	**240**	< 5.0	< 5.0	9.0
	02/20/92	**150**	< 2.5	< 2.5	4.2
	03/19/92	**140**	< 0.5	< 0.50	5.9
	04/29/92	**190**	< 0.5	< 0.50	4.3
	10/13/92	**130**	< 0.5	< 0.50	4.4
	10/05/95	1.0	0.7	< 0.50	< 0.50
	11/20/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/21/96	0.9	0.8	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/14/96	0.7	0.6	< 0.50	< 0.50
	11/21/96	0.9	0.6	< 0.50	< 0.50
	02/27/97	1.3	1	< 0.50	0.7
	05/21/97	1.2	1	< 0.50	< 0.50
	08/20/97	1.7	1.3	0.6	< 0.50
	11/17/97	2.5	2.0	0.9	0.7
	02/11/98	2.3	1.8	0.8	0.7
	06/10/98	1.5	1.4	1.5	0.6
	10/01/98	7.4	3.9	1.6	2.9
	04/28/99	**43**	< 1.0	1	3
	10/12/99	**13**	< 2.0	< 2.0	< 4.0
	05/12/00	**16**	< 2.0	3.0	4.0
	11/17/00	1.03	< 0.50	1.88	< 1.0
	05/24/01	< 1.0	< 1.0	1.17	< 2.0
	11/17/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	11/18/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-20B	08/01/90	**58**	8.0	< 1.0	51
	11/01/90	**180**	< 5.0	< 5.0	12
	01/01/91	**93**	14	< 1.0	23
	02/01/91	**280**	14	< 10	46
	02/01/91	**110**	< 5.0	< 5.0	< 5.0
	03/01/91	**200**	< 5.0	< 5.0	< 10
	04/01/91	**180**	< 1.0	< 1.0	19
	05/01/91	**160**	< 5.0	< 5.0	32
	06/01/91	**300**	1.1	< 0.50	15
	07/01/91	**73**	1.1	1.0	24
	10/01/91	**57**	2.2	< 1.2	11
	01/08/92	**31**	< 1.2	< 1.2	6.7
	05/01/92	**55**	3.9	4.9	6.2
	10/12/92	**52**	2.7	4.4	11
	04/21/93	**14**	< 0.50	6.1	10
	10/05/95	3.2	0.7	3.5	< 0.50
	11/17/95	**12**	2.3	< 0.50	2.6
	02/21/96	2.8	1.7	2.7	2.3
	05/21/96	1.7	1.3	0.8	< 0.50
	08/14/96	8.1	0.7	0.8	1.5
	11/20/96	7.2	0.9	1.4	< 0.50
	02/27/97	**12**	1.3	1.8	3.3
	05/22/97	2.0	0.7	0.8	0.5
	08/19/97	**10**	1.0	1.9	1.4
	11/18/97	4.3	0.8	1.1	1.1
	02/11/98	< 0.5	1.3	2.3	0.5
	06/09/98	**15**	0.8	0.7	< 0.50
	10/01/98	1.5	1.4	1.5	1.3
	04/28/99	< 1.0	< 1.0	1.0	< 1.0
	10/12/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/12/00	1.0	2.0	2.0	4.0
	11/16/00	0.961	< 0.50	0.763	< 1.0
	05/24/01	3.28	< 1.0	< 1.0	< 2.0
	11/17/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	0.86	< 0.50	< 0.50	< 0.50
	10/31/02	0.76	0.70	< 0.50	< 0.50
	05/22/03	1.0	0.91	< 0.50	< 0.50
	11/11/03	0.5	< 0.50	< 0.50	< 0.50
	06/08/04	1.1	< 0.50	< 0.50	< 0.50
	06/08/05	1.0	0.53	< 0.50	< 0.50
	07/12/06	1.3	< 1.0	< 1.0	< 3.0
	07/25/07	< 1.0	< 1.0	< 1.0	< 2.0
	09/23/08	< 1.0	< 1.0	< 1.0	< 2.0
	08/04/09	< 1.0	< 1.0	< 1.0	< 2.0
	05/18/10	< 1.0	< 1.0	< 1.0	< 2.0
	09/25/11	< 1.0	< 1.0	< 1.0	< 2.0
	06/12/12	< 1.0	< 1.0	< 1.0	< 2.0
	07/23/13	< 1.0	< 1.0	< 1.0	< 2.0
	04/21/14	< 1.0	< 1.0	< 1.0	< 2.0
	04/13/15	< 1.0	< 1.0	< 1.0	< 1.5
	04/21/16	< 1.0	< 1.0	< 1.0	< 1.5

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-22B	10/01/90	< 1.0	< 1.0	< 1.0	< 1.0
	01/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	02/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	03/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	04/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	05/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	06/01/91	1.9	5.5	13	58
	07/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	09/01/91	< 0.50	< 0.50	< 0.50	< 1.0
	10/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	11/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	12/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	01/10/92	< 0.50	< 0.50	< 0.50	< 0.50
	01/28/92	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/92	< 0.50	< 0.50	< 0.50	< 0.50
	03/18/92	< 0.50	< 0.50	< 0.50	< 0.50
	04/28/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/08/92	< 0.50	< 0.50	< 0.50	< 0.50
	12/12/94	< 0.50	< 0.50	< 0.50	< 0.50
	06/26/95	< 0.50	< 0.50	< 0.50	< 0.50
	10/03/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/15/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/12/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/18/96	< 0.50	< 0.50	< 0.50	1.9
	02/27/97	5.6	9.3	< 0.50	65
	05/22/97	3.6	< 0.50	< 0.50	7.1
	08/20/97	3.2	7.3	< 0.50	5.3
	11/18/97	3.8	2.3	< 0.50	0.6
	11/26/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-23B	10/01/90	5.3	< 1.0	< 1.0	< 1.0
	11/01/90	5.1	< 0.50	< 0.50	< 1.0
	01/01/91	3.0	< 0.50	< 0.50	< 0.60
	02/01/91	6.6	< 0.50	< 0.50	< 1.0
	03/01/91	8.5	< 0.50	< 0.50	1.2
	04/01/91	5.0	< 0.50	< 0.50	< 1.0
	05/01/91	**120**	< 0.50	< 0.50	7.5
	06/01/91	3.8	0.55	< 0.50	5.7
	07/01/91	2.0	< 0.50	< 0.50	1.3
	09/01/91	2.1	< 0.50	< 0.50	1.1
	10/01/91	1.6	< 0.50	< 0.50	< 0.50
	11/01/91	0.59	< 0.50	< 0.50	< 0.50
	12/01/91	< 0.50	< 0.50	< 0.50	< 0.50
	01/07/92	0.65	< 0.50	< 0.50	< 0.50
	02/18/92	< 0.50	< 0.50	< 0.50	< 0.50
	03/17/92	< 0.50	< 0.50	< 0.50	< 0.50
	04/30/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/09/92	< 0.50	< 0.50	< 0.50	< 0.50
	10/04/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/16/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/20/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/13/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/26/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/19/97	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/97	< 0.50	< 0.50	< 0.50	< 0.50
	02/10/98	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/98	< 0.50	< 0.50	< 0.50	< 0.50
	09/29/98	< 0.50	< 0.50	< 0.50	< 0.50
	04/27/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/11/00	< 1.0	< 2.0	< 2.0	< 4.0
	05/23/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-24B	10/01/90	**63**	< 1.0	2.0	1.6
	11/01/90	**100**	< 5.0	< 5.0	< 10.0
	01/01/91	**40**	0.55	0.74	< 1.0
	02/01/91	**150**	16	< 5.0	21
	03/01/91	**89**	9.8	< 0.50	3.5
	04/01/91	**230**	< 1.0	< 1.0	6.3
	05/01/91	4.3	< 0.50	< 0.50	1.3
	06/01/91	**280**	0.86	0.64	13
	07/01/91	**130**	< 0.50	< 0.50	8.7
	09/01/91	**250**	0.54	< 0.50	12
	10/01/91	**140**	< 2.5	< 2.5	< 2.5
	11/01/91	**180**	< 5.0	< 5.0	< 5.0
	12/01/91	**180**	< 5.0	< 5.0	< 5.0
	01/07/92	**120**	< 2.5	< 2.5	< 2.5
	02/18/92	**140**	< 2.5	< 2.5	< 2.5
	03/17/92	**120**	< 2.5	0.8	1.4
	04/30/92	**100**	2.1	1.4	2.2
	10/13/92	1.2	< 0.50	0.8	0.8
	04/21/93	< 0.5	< 0.50	0.7	1.4
	10/03/95	< 0.5	< 0.50	1.0	1.0
	11/17/95	1.2	0.8	0.5	1.0
	02/20/96	1.3	1.0	0.7	2.0
	05/21/96	< 0.5	0.9	< 0.5	0.7
	08/13/96	1.2	0.6	0.7	1.3
	11/19/96	0.9	< 0.50	0.6	0.8
	02/26/97	0.9	0.6	1	1.8
	05/21/97	0.7	< 0.50	1	1.6
	08/19/97	1.2	0.5	0.9	< 5.00
	11/18/97	0.6	< 0.50	0.7	1.3
	02/10/98	0.5	< 0.50	0.7	< 0.50
	06/09/98	< 0.50	< 0.50	< 0.50	< 0.50
	09/29/98	< 0.50	0.6	< 0.50	< 0.50
	04/27/99	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/99	< 1.0	< 2.0	< 2.0	< 4.0
	05/11/00	< 1.0	< 2.0	< 2.0	< 4.0
	11/16/00	< 0.50	< 0.50	< 0.50	< 1.00
	05/23/01	< 1.0	< 1.0	< 1.0	< 2.0
	11/17/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/19/02	< 0.50	< 0.50	< 0.50	0.59
	10/31/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	11/17/14	**Plugged and Abandoned**			

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-34B	01/07/92	**120**	< 2.5	< 2.5	< 2.5
	02/18/92	**140**	< 2.5	< 2.5	< 2.5
	03/17/92	**120**	< 0.50	0.8	1.4
	04/30/92	**100**	2.1	1.4	2.2
	10/13/92	1.2	< 0.50	0.8	0.8
	04/21/93	< 0.50	< 0.50	0.7	1.4
	12/13/94	**4700**	**13000**	460	**5900**
5-35B	04/22/93	**360**	**1400**	130	**1700**
	05/18/10	**5700**	< 100.0	310	**1900**
	09/25/11	**3700**	< 100.0	170	**900**
	06/12/12	**4000**	< 100.0	190	**1200**
	07/23/13	**4100**	< 100.0	180	**1200**
	04/22/14	**2500**	< 20.0	110	**830**
	04/13/15	**980**	< 50.0	61	480
	04/21/16	**2100**	< 100	90	**780**
5-36E	12/14/94	**620**	**2700**	230	**3300**
5-37I	02/22/96	**640**	520	24	**990**
	04/16/96	**580**	300	22	600
	05/21/96	**590**	19	340	600
	07/03/96	**1100**	600	31	**880**
	08/15/96	**310**	54	14	430
	11/22/96	**440**	140	20	520
5-41B	10/09/92	**47**	3.9	0.7	1.0
	04/20/93	1.4	< 0.50	2.5	2.1
	10/04/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/16/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/13/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/25/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/18/97	< 0.50	< 0.50	< 0.50	< 0.50
	11/26/14	**Plugged and Abandoned**			
5-47B	10/07/92	1.0	< 0.50	< 0.50	< 0.50
	04/20/93	2.9	< 0.50	< 0.50	< 0.50
	10/04/95	7.2	2.0	0.6	4.6
	11/15/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/13/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/26/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/18/97	< 0.50	< 0.50	< 0.50	< 0.50

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-48B	10/12/92	**380**	**1100**	84	**840**
	04/21/93	**99**	390	34	360
	10/05/95	**550**	**940**	290	**1900**
	11/20/95	**820**	**1700**	390	**2600**
	02/21/96	**690**	**1100**	550	**3300**
	04/16/96	**600**	**1700**	420	**3100**
	05/21/96	**620**	480	**3600**	**3600**
	07/03/96	**670**	**5100**	410	**3500**
	08/14/96	**770**	**7600**	340	**3900**
	11/21/96	**960**	**8500**	330	**3900**
	02/27/97	**1100**	**10000**	430	**4700**
	05/22/97	**1100**	**8000**	450	**4400**
	08/20/97	**1200**	**7000**	440	**4200**
	11/19/97	**1400**	**6900**	330	**3900**
	12/09/97	**1800**	**7700**	430	**4700**
	01/08/98	**1600**	**7600**	440	**4100**
	02/11/98	**2100**	**8000**	460	**4600**
	06/11/98	**2100**	**8000**	200	**3800**
	10/01/98	**2100**	**6100**	420	**4300**
	04/28/99	**1700**	**4400**	140	**3100**
	10/12/99	**1000**	**1900**	320	**2900**
	05/12/00	**1400**	680	270	**2200**
	11/17/00	**860**	157	259	**2360**
	05/22/01	**683**	194	28.8	**1703**
	11/18/01	**841**	24.3	241	**1893**
	04/20/02	**1100**	23	190	**1700**
	10/30/02	**5600**	51	350	**3100**
	05/21/03	**2100**	< 50.0	320	**2700**
	11/11/03	**4100**	< 25.0	520	**4700**
	06/07/04	**3400**	38	420	**3200**
	06/09/05	**2500**	< 25.0	200	**1500**

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-57B	04/19/93	< 0.50	< 0.50	< 0.50	< 0.50
	10/04/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/15/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/12/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/08/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/25/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/18/97	< 0.50	< 0.50	< 0.50	< 0.50
5-58B	04/19/93	< 0.50	< 0.50	< 0.50	< 0.50
	10/04/95	< 0.50	< 0.50	< 0.50	< 0.50
	11/16/95	< 0.50	< 0.50	< 0.50	< 0.50
	02/19/96	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/96	< 0.50	< 0.50	< 0.50	< 0.50
	08/12/96	< 0.50	< 0.50	< 0.50	< 0.50
	11/18/96	< 0.50	< 0.50	< 0.50	< 0.50
	02/25/97	< 0.50	< 0.50	< 0.50	< 0.50
	05/20/97	< 0.50	< 0.50	< 0.50	< 0.50
	08/18/97	< 0.50	< 0.50	< 0.50	< 0.50
5-59	07/28/01	< 1.0	< 1.0	< 1.0	< 2.0
	11/19/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/20/02	< 0.50	< 0.50	< 0.50	< 0.50
	10/30/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	06/09/05	< 0.50	< 0.50	< 0.50	< 0.50
	07/11/06	< 1.0	< 1.0	< 1.0	< 3.0
	07/25/07	< 1.0	< 1.0	< 1.0	< 2.0
	09/23/08	< 1.0	< 1.0	< 1.0	< 2.0
	08/04/09	< 1.0	< 1.0	< 1.0	< 2.0
	05/18/10	< 1.0	< 1.0	< 1.0	< 2.0
	09/25/11	< 1.0	< 1.0	< 1.0	< 2.0
	06/12/12	< 1.0	< 1.0	< 1.0	< 2.0
	07/23/13	< 1.0	< 1.0	< 1.0	< 2.0
	04/22/14	< 1.0	< 1.0	< 1.0	< 5.9
	04/13/15	< 1.0	< 1.0	< 1.0	< 1.5
	04/21/16	< 1.0	< 1.0	< 1.0	< 1.5

Table 3

Summary of Analytical Results for BTEX Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
5-60	11/18/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/20/02	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/21/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	06/09/05	< 0.50	< 0.50	< 0.50	< 0.50
	07/11/06	< 1.0	< 1.0	< 1.0	< 3.0
	07/25/07	< 1.0	< 1.0	< 1.0	< 2.0
	09/23/08	< 1.0	< 1.0	< 1.0	< 2.0
	08/04/09	< 1.0	< 1.0	< 1.0	< 2.0
SVE-1	05/11/00	< 1.0	< 2.0	< 2.0	< 4.0
	11/16/00	< 0.50	< 0.50	< 0.50	< 1.0
	11/18/01	< 1.0	< 1.0	< 1.0	< 2.0
	04/18/02	< 0.50	< 0.50	< 0.50	< 0.50
	10/31/02	< 0.50	< 0.50	< 0.50	< 0.50
	05/22/03	< 0.50	< 0.50	< 0.50	< 0.50
	11/11/03	< 0.50	< 0.50	< 0.50	< 0.50
	06/08/04	< 0.50	< 0.50	< 0.50	< 0.50
	11/18/14	**Plugged and Abandoned**			
SVE-3	05/18/10	**6300**	< 50.0	430	**3900**
	09/25/11	**6300**	< 100.0	380	**3300**
	06/12/12	**5400**	< 100.0	240	**3500**
	07/23/13	**6200**	< 100.0	280	**2700**
	04/22/14	**6800**	< 50.0	280	**1900**
	04/13/15	**5600**	< 100.0	250	**1400**
	04/21/16	**4200**	< 10	220	**830**

Notes:

ug/L = micrograms per liter
NMWQCC = New Mexico Water Quality Control Commission
NA = Not Analyzed
< x = concentration below laboratory detection limit of x
-- = not applicable
Bold = exceeds NMWQCC standard
LNAPL = light non-aqueous phase liquid

Table 4
Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	PCB Concentration by Aroclor (µg/L)						
		1016	1221	1232	1242	1248	1254	1260
NMWQCC Standard		**1.0**						
5-01B	08/01/1989	**2.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/01/1989	< 1.0	< 1.0	< 1.0	**2.0**	< 1.0	< 1.0	< 1.0
	03/01/1990	< 1.0	**94**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/01/1990	< 1.0	< 1.0	< 1.0	**11**	< 1.0	< 1.0	< 1.0
	08/01/1990	< 1.0	< 1.0	< 1.0	**2.0**	< 1.0	< 1.0	< 1.0
	11/01/1990	< 1.0	< 1.0	< 1.0	**5.5**	< 1.0	< 1.0	< 1.0
	01/01/1991	< 1.0	< 1.0	< 1.0	**28**	< 1.0	< 1.0	< 1.0
	02/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/01/1991	< 1.0	**210**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/01/1991	< 1.0	**76**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	01/09/1992	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	01/27/1992	< 1.0	**67**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/20/1992	< 1.0	**82**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/18/1992	< 1.0	**54**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/29/1992	< 1.0	**71**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/14/1992	< 1.0	**82**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/13/1994	**4.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/27/1995	< 1.0	< 1.0	< 1.0	**4.18**	< 1.0	< 1.0	< 1.0
	10/06/1995	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/21/1995	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/22/1996	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/17/1996	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/17/1996	< 1.0	0.93	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/24/1996	< 1.0	**34**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/15/1996	< 1.0	**14.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/22/1996	< 1.0	**15.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/28/1997	< 1.0	**15.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/22/1997	< 1.0	**11.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/21/1997	< 1.0	**18.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 4
Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	PCB Concentration by Aroclor (µg/L)						
		1016	1221	1232	1242	1248	1254	1260
NMWQCC Standard		1.0						
5-01C	11/23/1997	< 1.0	**79.7**	< 1.0	**49.0**	< 1.0	< 1.0	< 1.0
	01/08/1998	< 1.0	**38**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/1998	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/11/1998	< 1.0	**38**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/02/1998	< 1.0	**10**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/29/1999	**3.8**	**9.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/14/1999	**4.9**	**3.5**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/12/2000	**2.7**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/2000	< 0.5	< 1.0	< 0.5	**1.9**	< 0.5	< 0.5	< 0.5
	05/22/2001	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/19/2001	--	< 0.5	< 0.5	**13.5**	< 0.5	< 0.5	< 0.5
	04/20/2002	< 0.5	**1.37**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/30/2002	**1.5**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/21/2003	--	**2.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/10/2003	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/07/2004	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/08/2005	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/2006	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/25/2007	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/23/2008	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/04/2009	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
5-06B	10/01/1989	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/01/1989	< 1.0	**180**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	01/01/1990	< 1.0	**100**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/01/1990	< 1.0	**170**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/01/1990	< 1.0	< 1.0	< 1.0	**39**	< 1.0	< 1.0	< 1.0
	08/01/1990	< 1.0	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	< 1.0
	11/01/1990	< 1.0	< 1.0	< 1.0	**65**	< 1.0	< 1.0	< 1.0
	01/01/1991	< 1.0	< 1.0	< 1.0	**39**	< 1.0	< 1.0	< 1.0
	02/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/01/1991	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/01/1991	< 1.0	**250**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/01/1991	< 1.0	**140**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/01/1991	< 1.0	**210**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/01/1991	< 1.0	**270**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	01/09/1992	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	01/27/1992	< 1.0	**190**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/20/1992	< 1.0	**200**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	03/18/1992	< 1.0	**140**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/29/1992	< 1.0	**150**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/14/1992	< 1.0	**280**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/14/1994	**88**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/27/1995	< 1.0	< 1.0	< 1.0	**26.3**	< 1.0	< 1.0	< 1.0
	10/06/1995	< 1.0	< 1.0	< 1.0	**30.1**	< 1.0	< 1.0	< 1.0
	11/21/1995	< 1.0	< 1.0	< 1.0	**44.4**	< 1.0	< 1.0	< 1.0
	02/22/1996	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/17/1996	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/23/1996	< 1.0	**78**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/15/1996	< 1.0	**166.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/15/1996	< 1.0	**260**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/22/1996	< 1.0	**42.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/28/1997	< 1.0	**48.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/22/1997	< 1.0	**7.29**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/20/1997	< 1.0	**16.5**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 4
Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	PCB Concentration by Aroclor (µg/L)						
		1016	1221	1232	1242	1248	1254	1260
NMWQCC Standard		1.0						
5-06C	11/23/1997	< 0.5	**160**	< 0.5	**114**	< 0.5	< 0.5	< 0.5
	12/09/1997	< 0.5	< 0.5	**65**	< 0.5	< 0.5	< 0.5	< 0.5
	01/08/1998	< 0.5	**220**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	06/11/1998	< 0.5	**180**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/29/1999	**7.1**	**320**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	05/13/2000	**7.2**	< 0.5	< 0.5	**266**	< 0.5	< 0.5	< 0.5
	11/17/2000	< 0.5	< 1.0	< 0.5	**5.23**	< 0.5	< 0.5	< 0.5
	05/22/2001	--	< 0.5	< 0.5	**3.1**	< 0.5	< 0.5	< 0.5
	05/22/2001	--	< 0.5	< 0.5	**5.81**	< 0.5	< 0.5	< 0.5
	11/18/2001	--	< 0.5	< 0.5	**43.7**	< 0.5	< 0.5	< 0.5
	11/18/2001	--	< 0.5	< 0.5	**40.5**	< 0.5	< 0.5	< 0.5
	04/20/2002	< 10.0	**150**	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	04/20/2002	< 10.0	**168**	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	10/30/2002	--	**41**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/10/2003	**1.7**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2005	**2.2**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/25/2007	< 1.0	< 5.0	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0
	09/23/2008	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/04/2009	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/18/2010	**4.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/18/2010	**2.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/2011	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/2011	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/12/2012	< 1.0	< 1.0	< 1.0	**3.1**	< 1.0	< 1.0	< 1.0
	06/12/2012	< 1.0	< 1.0	< 1.0	**4.0**	< 1.0	< 1.0	< 1.0
	07/10/2012	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0
	07/23/2013	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0
	04/22/2014	< 0.25	< 0.25	< 0.25	**1.4**	< 0.25	< 0.25	< 0.25
	4/13/2015	< 0.25	< 0.25	< 0.25	**1.5**	< 0.25	< 0.25	< 0.25
	04/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
5-17B	05/12/2000	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/2000	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	05/23/2001	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/17/2001	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/19/2002	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/31/2002	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/22/2003	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/11/2003	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/08/2004	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/08/2005	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/10/2006	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/25/2007	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/04/2009	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 4
Summary of Analytical Results for PCB Compounds
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Date	PCB Concentration by Aroclor (µg/L)						
		1016	1221	1232	1242	1248	1254	1260
NMWQCC Standard		1.0						
5-59	11/19/2001	--	< 0.5	< 0.5	**30.7**	< 0.5	< 0.5	< 0.5
	10/30/2002	--	**19**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/21/2003	--	**14**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/11/2003	**11**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/08/2004	**10**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/08/2004	**11**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2005	**4.6**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2005	**3.3**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/2006	**3.4**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/2006	**3.3**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/25/2007	**1.8**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/23/2008	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/04/2009	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/18/2010	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/25/2011	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/12/2012	< 1.0	< 1.0	< 1.0	**2.6**	< 1.0	< 1.0	< 1.0
	07/10/2012	< 1.0	< 1.0	< 1.0	**1.0**	< 1.0	< 1.0	< 1.0
	07/23/2013	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	04/22/2014	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
	4/13/2015	< 0.25	< 0.25	< 0.25	0.6	< 0.25	< 0.25	< 0.25
	04/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
5-60	11/18/2001	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/20/2002	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/31/2002	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/22/2003	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/11/2003	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/08/2004	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2005	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/2006	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/25/2007	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/23/2008	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/04/2009	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Notes:

PCB = polychlorinated biphenols
NMWQCC = New Mexcio Water Quality Control Commission
-- = not applicable
Bold = exceeds NMWQCC standard

TABLE 5
Summary of Analytical Results for Sulfate, Dissolved Iron, and Total Iron
Thoreau Compressor Station No. 5
McKinley County, New Mexico

Well ID	Sample Date	Sulfate (mg/L)	Dissolved Iron (mg/L)	Total Iron (mg/L)
NMWQCC Standard		**600**	**1.0**	
SVE-3	21/04/2016	< 2.5	**3.2**	40
5-35B	21/04/2016	7.3	**8.5**	36

Notes:

NMWQCC = New Mexico Water Quality Control Commission
The NMWQCC Standards are for Domestic Water Supply
mg/L = milligrams per liter
< 2.5 = Below Laboratory Detection Limit of 2.5 mg/L
BOLD = Concentrations that exceed the NMWQCC groundwater quality standard

Appendices

Appendix A
2016 Groundwater Laboratory Analytical Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 12, 2016

Bernie Bockish

GHD
6121 Indian School Road, NE #200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX

RE: Thoreau Compressor 5 OrderNo.: 1604997

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/21/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1604997**
Date Reported: **5/12/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-5-16B
Project: Thoreau Compressor 5
Collection Date: 4/21/2016 10:00:00 AM
Lab ID: 1604997-001 **Matrix:** AQUEOUS **Received Date:** 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BCN**	
Benzene	2500	100		µg/L	100	4/29/2016 5:51:44 PM	R33898
Toluene	ND	10		µg/L	10	4/28/2016 7:07:29 PM	R33873
Ethylbenzene	220	10		µg/L	10	4/28/2016 7:07:29 PM	R33873
Xylenes, Total	1100	15		µg/L	10	4/28/2016 7:07:29 PM	R33873
Surr: 1,2-Dichloroethane-d4	99.7	70-130		%Rec	10	4/28/2016 7:07:29 PM	R33873
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	10	4/28/2016 7:07:29 PM	R33873
Surr: Dibromofluoromethane	102	70-130		%Rec	10	4/28/2016 7:07:29 PM	R33873
Surr: Toluene-d8	98.8	70-130		%Rec	10	4/28/2016 7:07:29 PM	R33873

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-5-18B
Project: Thoreau Compressor 5
Collection Date: 4/21/2016 10:42:00 AM
Lab ID: 1604997-002
Matrix: AQUEOUS
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	4/29/2016 6:20:26 PM	R33898
Toluene	ND	1.0		µg/L	1	4/29/2016 6:20:26 PM	R33898
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 6:20:26 PM	R33898
Xylenes, Total	ND	1.5		µg/L	1	4/29/2016 6:20:26 PM	R33898
Surr: 1,2-Dichloroethane-d4	92.8	70-130		%Rec	1	4/29/2016 6:20:26 PM	R33898
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	4/29/2016 6:20:26 PM	R33898
Surr: Dibromofluoromethane	86.7	70-130		%Rec	1	4/29/2016 6:20:26 PM	R33898
Surr: Toluene-d8	103	70-130		%Rec	1	4/29/2016 6:20:26 PM	R33898

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-5-20B
Project: Thoreau Compressor 5
Collection Date: 4/21/2016 11:25:00 AM
Lab ID: 1604997-003
Matrix: AQUEOUS
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**	
Benzene	ND	1.0		µg/L	1	4/28/2016 8:04:46 PM	R33873
Toluene	ND	1.0		µg/L	1	4/28/2016 8:04:46 PM	R33873
Ethylbenzene	ND	1.0		µg/L	1	4/28/2016 8:04:46 PM	R33873
Xylenes, Total	ND	1.5		µg/L	1	4/28/2016 8:04:46 PM	R33873
Surr: 1,2-Dichloroethane-d4	97.2	70-130		%Rec	1	4/28/2016 8:04:46 PM	R33873
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/28/2016 8:04:46 PM	R33873
Surr: Dibromofluoromethane	86.9	70-130		%Rec	1	4/28/2016 8:04:46 PM	R33873
Surr: Toluene-d8	103	70-130		%Rec	1	4/28/2016 8:04:46 PM	R33873

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-SVE-3
Project: Thoreau Compressor 5
Collection Date: 4/21/2016 11:41:00 AM
Lab ID: 1604997-004
Matrix: AQUEOUS
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LGT**	
Sulfate	ND	2.5		mg/L	5	5/4/2016 3:32:34 PM	R34136
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **MED**	
Iron	3.2	0.20		mg/L	10	4/29/2016 11:53:49 AM	A33886
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **MED**	
Iron	40	2.5		mg/L	50	4/27/2016 3:15:53 PM	24977
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BCN**	
Benzene	4200	100		µg/L	100	4/29/2016 6:49:22 PM	R33898
Toluene	ND	10		µg/L	10	4/28/2016 8:33:37 PM	R33873
Ethylbenzene	220	10		µg/L	10	4/28/2016 8:33:37 PM	R33873
Xylenes, Total	830	15		µg/L	10	4/28/2016 8:33:37 PM	R33873
Surr: 1,2-Dichloroethane-d4	88.9	70-130		%Rec	10	4/28/2016 8:33:37 PM	R33873
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	10	4/28/2016 8:33:37 PM	R33873
Surr: Dibromofluoromethane	72.5	70-130		%Rec	10	4/28/2016 8:33:37 PM	R33873
Surr: Toluene-d8	101	70-130		%Rec	10	4/28/2016 8:33:37 PM	R33873

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-5-35B
Project: Thoreau Compressor 5
Collection Date: 4/21/2016 12:35:00 PM
Lab ID: 1604997-005
Matrix: AQUEOUS
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LGT**	
Sulfate	7.3	2.5		mg/L	5	5/4/2016 3:44:59 PM	R34136
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **MED**	
Iron	8.5	0.20		mg/L	10	4/29/2016 11:59:13 AM	A33886
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **MED**	
Iron	36	2.5		mg/L	50	4/27/2016 3:17:21 PM	24977
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**	
Benzene	2100	100		µg/L	100	4/28/2016 9:02:36 PM	R33873
Toluene	ND	100		µg/L	100	4/28/2016 9:02:36 PM	R33873
Ethylbenzene	90	50		µg/L	100	4/28/2016 9:02:36 PM	R33873
Xylenes, Total	780	150		µg/L	100	4/28/2016 9:02:36 PM	R33873
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	100	4/28/2016 9:02:36 PM	R33873
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	100	4/28/2016 9:02:36 PM	R33873
Surr: Dibromofluoromethane	99.0	70-130		%Rec	100	4/28/2016 9:02:36 PM	R33873
Surr: Toluene-d8	101	70-130		%Rec	100	4/28/2016 9:02:36 PM	R33873

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-5-59
Project: Thoreau Compressor 5
Collection Date: 4/21/2016 1:20:00 PM
Lab ID: 1604997-006
Matrix: AQUEOUS
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S						Analyst: **SCC**	
Aroclor 1016	ND	1.0		µg/L	1	4/29/2016 3:23:42 AM	24966
Aroclor 1221	ND	1.0		µg/L	1	4/29/2016 3:23:42 AM	24966
Aroclor 1232	ND	1.0		µg/L	1	4/29/2016 3:23:42 AM	24966
Aroclor 1242	ND	1.0		µg/L	1	4/29/2016 3:23:42 AM	24966
Aroclor 1248	ND	1.0		µg/L	1	4/29/2016 3:23:42 AM	24966
Aroclor 1254	ND	1.0		µg/L	1	4/29/2016 3:23:42 AM	24966
Aroclor 1260	ND	1.0		µg/L	1	4/29/2016 3:23:42 AM	24966
Surr: Decachlorobiphenyl	71.6	26.1-140		%Rec	1	4/29/2016 3:23:42 AM	24966
Surr: Tetrachloro-m-xylene	52.8	15-123		%Rec	1	4/29/2016 3:23:42 AM	24966
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**	
Benzene	ND	1.0		µg/L	1	4/29/2016 12:52:57 AM	R33873
Toluene	ND	1.0		µg/L	1	4/29/2016 12:52:57 AM	R33873
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 12:52:57 AM	R33873
Xylenes, Total	ND	1.5		µg/L	1	4/29/2016 12:52:57 AM	R33873
Surr: 1,2-Dichloroethane-d4	94.8	70-130		%Rec	1	4/29/2016 12:52:57 AM	R33873
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	4/29/2016 12:52:57 AM	R33873
Surr: Dibromofluoromethane	92.3	70-130		%Rec	1	4/29/2016 12:52:57 AM	R33873
Surr: Toluene-d8	107	70-130		%Rec	1	4/29/2016 12:52:57 AM	R33873

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-5-6C
Project: Thoreau Compressor 5
Collection Date: 4/21/2016 1:25:00 PM
Lab ID: 1604997-007
Matrix: AQUEOUS
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S						Analyst: **SCC**	
Aroclor 1016	ND	1.0		µg/L	1	4/29/2016 3:58:26 AM	24966
Aroclor 1221	ND	1.0		µg/L	1	4/29/2016 3:58:26 AM	24966
Aroclor 1232	ND	1.0		µg/L	1	4/29/2016 3:58:26 AM	24966
Aroclor 1242	ND	1.0		µg/L	1	4/29/2016 3:58:26 AM	24966
Aroclor 1248	ND	1.0		µg/L	1	4/29/2016 3:58:26 AM	24966
Aroclor 1254	ND	1.0		µg/L	1	4/29/2016 3:58:26 AM	24966
Aroclor 1260	ND	1.0		µg/L	1	4/29/2016 3:58:26 AM	24966
Surr: Decachlorobiphenyl	69.6	26.1-140		%Rec	1	4/29/2016 3:58:26 AM	24966
Surr: Tetrachloro-m-xylene	48.0	15-123		%Rec	1	4/29/2016 3:58:26 AM	24966
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/2/2016 11:28:09 PM	C33926
Toluene	ND	1.0		µg/L	1	5/2/2016 11:28:09 PM	C33926
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 11:28:09 PM	C33926
Xylenes, Total	ND	1.5		µg/L	1	5/2/2016 11:28:09 PM	C33926
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	5/2/2016 11:28:09 PM	C33926
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/2/2016 11:28:09 PM	C33926
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/2/2016 11:28:09 PM	C33926
Surr: Toluene-d8	97.3	70-130		%Rec	1	5/2/2016 11:28:09 PM	C33926

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-Tank
Project: Thoreau Compressor 5
Collection Date: 4/21/2016 2:10:00 PM
Lab ID: 1604997-008
Matrix: AQUEOUS
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8082: PCB'S						Analyst: **SCC**	
Aroclor 1016	ND	1.0		µg/L	1	4/29/2016 4:32:57 AM	24966
Aroclor 1221	ND	1.0		µg/L	1	4/29/2016 4:32:57 AM	24966
Aroclor 1232	ND	1.0		µg/L	1	4/29/2016 4:32:57 AM	24966
Aroclor 1242	ND	1.0		µg/L	1	4/29/2016 4:32:57 AM	24966
Aroclor 1248	ND	1.0		µg/L	1	4/29/2016 4:32:57 AM	24966
Aroclor 1254	ND	1.0		µg/L	1	4/29/2016 4:32:57 AM	24966
Aroclor 1260	ND	1.0		µg/L	1	4/29/2016 4:32:57 AM	24966
Surr: Decachlorobiphenyl	61.2	26.1-140		%Rec	1	4/29/2016 4:32:57 AM	24966
Surr: Tetrachloro-m-xylene	34.4	15-123		%Rec	1	4/29/2016 4:32:57 AM	24966

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086242-042116-SP-Dup
Project: Thoreau Compressor 5
Collection Date: 4/21/2016
Lab ID: 1604997-009
Matrix: AQUEOUS
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**	
Benzene	ND	1.0		µg/L	1	4/29/2016 1:50:35 AM	R33873
Toluene	ND	1.0		µg/L	1	4/29/2016 1:50:35 AM	R33873
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 1:50:35 AM	R33873
Xylenes, Total	ND	1.5		µg/L	1	4/29/2016 1:50:35 AM	R33873
Surr: 1,2-Dichloroethane-d4	96.4	70-130		%Rec	1	4/29/2016 1:50:35 AM	R33873
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/29/2016 1:50:35 AM	R33873
Surr: Dibromofluoromethane	87.6	70-130		%Rec	1	4/29/2016 1:50:35 AM	R33873
Surr: Toluene-d8	105	70-130		%Rec	1	4/29/2016 1:50:35 AM	R33873

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: TRIP BLANK
Project: Thoreau Compressor 5
Collection Date:
Lab ID: 1604997-010
Matrix: TRIP BLANK
Received Date: 4/21/2016 4:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**	
Benzene	ND	1.0		µg/L	1	4/28/2016 9:31:27 PM	R33873
Toluene	ND	1.0		µg/L	1	4/28/2016 9:31:27 PM	R33873
Ethylbenzene	ND	1.0		µg/L	1	4/28/2016 9:31:27 PM	R33873
Xylenes, Total	ND	1.5		µg/L	1	4/28/2016 9:31:27 PM	R33873
Surr: 1,2-Dichloroethane-d4	99.8	70-130		%Rec	1	4/28/2016 9:31:27 PM	R33873
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/28/2016 9:31:27 PM	R33873
Surr: Dibromofluoromethane	98.6	70-130		%Rec	1	4/28/2016 9:31:27 PM	R33873
Surr: Toluene-d8	104	70-130		%Rec	1	4/28/2016 9:31:27 PM	R33873

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1604997**

12-May-16

Client: GHD

Project: Thoreau Compressor 5

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R34136**	RunNo: **34136**
Prep Date:	Analysis Date: **5/4/2016**	SeqNo: **1052500** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R34136**	RunNo: **34136**
Prep Date:	Analysis Date: **5/4/2016**	SeqNo: **1052501** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.9	0.50	10.00	0	99.0	90	110			

Sample ID **1605111-001AMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R34136**	RunNo: **34136**
Prep Date:	Analysis Date: **5/4/2016**	SeqNo: **1052525** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	42	0.50	10.00	32.48	99.4	87	116			

Sample ID **1605111-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R34136**	RunNo: **34136**
Prep Date:	Analysis Date: **5/4/2016**	SeqNo: **1052526** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	43	0.50	10.00	32.48	101	87	116	0.324	20	

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R34136**	RunNo: **34136**
Prep Date:	Analysis Date: **5/4/2016**	SeqNo: **1052540** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R34136**	RunNo: **34136**
Prep Date:	Analysis Date: **5/4/2016**	SeqNo: **1052541** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.7	0.50	10.00	0	97.1	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1604997**

12-May-16

Client: GHD

Project: Thoreau Compressor 5

Sample ID **MB-24966**	SampType: **MBLK**	TestCode: **EPA Method 8082: PCB's**
Client ID: **PBW**	Batch ID: **24966**	RunNo: **33868**
Prep Date: **4/25/2016**	Analysis Date: **4/28/2016**	SeqNo: **1043071** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
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	2.1		2.500		85.6	26.1	140			
Surr: Tetrachloro-m-xylene	1.6		2.500		63.6	15	123			

Sample ID **LCS-24966**	SampType: **LCS**	TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSW**	Batch ID: **24966**	RunNo: **33868**
Prep Date: **4/25/2016**	Analysis Date: **4/28/2016**	SeqNo: **1043072** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	2.5	1.0	5.000	0	50.2	15	131			
Aroclor 1260	3.7	1.0	5.000	0	73.9	15	162			
Surr: Decachlorobiphenyl	2.2		2.500		86.0	26.1	140			
Surr: Tetrachloro-m-xylene	1.7		2.500		68.8	15	123			

Sample ID **1604A17-001CMS**	SampType: **MS**	TestCode: **EPA Method 8082: PCB's**
Client ID: **BatchQC**	Batch ID: **24966**	RunNo: **33868**
Prep Date: **4/25/2016**	Analysis Date: **4/29/2016**	SeqNo: **1043108** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	1.8	1.0	5.000	0	35.4	27.8	130			
Aroclor 1260	2.7	1.0	5.000	0	53.2	28.7	153			
Surr: Decachlorobiphenyl	1.6		2.500		63.2	26.1	140			
Surr: Tetrachloro-m-xylene	1.3		2.500		51.2	15	123			

Sample ID **1604A17-001CMSD**	SampType: **MSD**	TestCode: **EPA Method 8082: PCB's**
Client ID: **BatchQC**	Batch ID: **24966**	RunNo: **33868**
Prep Date: **4/25/2016**	Analysis Date: **4/29/2016**	SeqNo: **1043109** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	1.7	1.0	5.000	0	33.1	27.8	130	6.65	24.3	
Aroclor 1260	2.5	1.0	5.000	0	49.5	28.7	153	7.32	26.7	
Surr: Decachlorobiphenyl	1.4		2.500		57.6	26.1	140	0	0	
Surr: Tetrachloro-m-xylene	1.2		2.500		47.6	15	123	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1604997**

12-May-16

Client: GHD

Project: Thoreau Compressor 5

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R33873**	RunNo: **33873**
Prep Date:	Analysis Date: **4/28/2016**	SeqNo: **1043397** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		104	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.9	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R33873**	RunNo: **33873**
Prep Date:	Analysis Date: **4/28/2016**	SeqNo: **1043400** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.6	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130			
Surr: Dibromofluoromethane	9.3		10.00		92.8	70	130			
Surr: Toluene-d8	9.8		10.00		97.6	70	130			

Sample ID **1604997-009ams**	SampType: **MS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **GW-086242-042116-**	Batch ID: **R33873**	RunNo: **33873**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1043418** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	94.0	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.5	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.1	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			

Sample ID **1604997-009amsd**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **GW-086242-042116-**	Batch ID: **R33873**	RunNo: **33873**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1043419** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	91.0	70	130	3.22	20	
Toluene	19	1.0	20.00	0	95.2	70	130	5.82	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1604997**

12-May-16

Client: GHD

Project: Thoreau Compressor 5

Sample ID **1604997-009amsd**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **GW-086242-042116-**	Batch ID: **R33873**	RunNo: **33873**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1043419** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.9		10.00		99.3	70	130	0	0	
Surr: Dibromofluoromethane	9.4		10.00		93.9	70	130	0	0	
Surr: Toluene-d8	10		10.00		103	70	130	0	0	

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R33898**	RunNo: **33898**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1044053** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.5		10.00		94.6	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		107	70	130			
Surr: Dibromofluoromethane	9.0		10.00		90.0	70	130			
Surr: Toluene-d8	11		10.00		107	70	130			

Sample ID **100ng lcs3**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R33898**	RunNo: **33898**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1044054** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	90.5	70	130			
Toluene	19	1.0	20.00	0	93.7	70	130			
Surr: 1,2-Dichloroethane-d4	9.8		10.00		98.4	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	10		10.00		99.9	70	130			

Sample ID **1604c71-001ams**	SampType: **MS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **BatchQC**	Batch ID: **R33898**	RunNo: **33898**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1044070** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	180	10	200.0	1.024	88.2	70	130			
Toluene	190	10	200.0	1.702	93.8	70	130			
Surr: 1,2-Dichloroethane-d4	97		100.0		97.0	70	130			
Surr: 4-Bromofluorobenzene	98		100.0		97.5	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1604997**

12-May-16

Client: GHD

Project: Thoreau Compressor 5

Sample ID **1604c71-001ams**	SampType: **MS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **BatchQC**	Batch ID: **R33898**	RunNo: **33898**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1044070** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	100		100.0		103	70	130			
Surr: Toluene-d8	100		100.0		99.9	70	130			

Sample ID **1604c71-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **BatchQC**	Batch ID: **R33898**	RunNo: **33898**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1044071** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	170	10	200.0	1.024	85.5	70	130	3.03	20	
Toluene	190	10	200.0	1.702	95.3	70	130	1.59	20	
Surr: 1,2-Dichloroethane-d4	95		100.0		95.1	70	130	0	0	
Surr: 4-Bromofluorobenzene	100		100.0		101	70	130	0	0	
Surr: Dibromofluoromethane	94		100.0		93.8	70	130	0	0	
Surr: Toluene-d8	100		100.0		104	70	130	0	0	

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **C33926**	RunNo: **33926**
Prep Date:	Analysis Date: **5/2/2016**	SeqNo: **1045589** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		99.9	70	130			
Surr: Toluene-d8	9.9		10.00		99.3	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **C33926**	RunNo: **33926**
Prep Date:	Analysis Date: **5/2/2016**	SeqNo: **1045590** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	103	70	130			
Toluene	20	1.0	20.00	0	99.7	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.9	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		107	70	130			
Surr: Dibromofluoromethane	10		10.00		99.9	70	130			
Surr: Toluene-d8	10		10.00		99.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1604997**

12-May-16

Client: GHD

Project: Thoreau Compressor 5

Sample ID	**MB-A**	SampType:	**MBLK**	TestCode:	**EPA Method 6010B: Dissolved Metals**					
Client ID:	**PBW**	Batch ID:	**A33886**	RunNo:	**33886**					
Prep Date:		Analysis Date:	**4/29/2016**	SeqNo:	**1043682**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	ND	0.020								

Sample ID	**LCS-A**	SampType:	**LCS**	TestCode:	**EPA Method 6010B: Dissolved Metals**					
Client ID:	**LCSW**	Batch ID:	**A33886**	RunNo:	**33886**					
Prep Date:		Analysis Date:	**4/29/2016**	SeqNo:	**1043683**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	0.45	0.020	0.5000	0	89.8	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1604997**

12-May-16

Client: GHD

Project: Thoreau Compressor 5

Sample ID	**MB-24977**	SampType:	**MBLK**	TestCode:	**EPA 6010B: Total Recoverable Metals**					
Client ID:	**PBW**	Batch ID:	**24977**	RunNo:	**33820**					
Prep Date:	**4/25/2016**	Analysis Date:	**4/27/2016**	SeqNo:	**1041825**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	ND	0.050								

Sample ID	**LCS-24977**	SampType:	**LCS**	TestCode:	**EPA 6010B: Total Recoverable Metals**					
Client ID:	**LCSW**	Batch ID:	**24977**	RunNo:	**33820**					
Prep Date:	**4/25/2016**	Analysis Date:	**4/27/2016**	SeqNo:	**1041826**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	0.48	0.050	0.5000	0	96.9	80	120			

Sample ID	**1604604-001EMS**	SampType:	**MS**	TestCode:	**EPA 6010B: Total Recoverable Metals**					
Client ID:	**BatchQC**	Batch ID:	**24977**	RunNo:	**33820**					
Prep Date:	**4/25/2016**	Analysis Date:	**4/27/2016**	SeqNo:	**1041838**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	1.6	0.25	0.5000	0.6065	202	75	125			S

Sample ID	**1604604-001EMSD**	SampType:	**MSD**	TestCode:	**EPA 6010B: Total Recoverable Metals**					
Client ID:	**BatchQC**	Batch ID:	**24977**	RunNo:	**33820**					
Prep Date:	**4/25/2016**	Analysis Date:	**4/27/2016**	SeqNo:	**1041839**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	2.1	0.25	0.5000	0.6065	303	75	125	27.1	20	RS

Sample ID	**1604604-001EPS**	SampType:	**PS**	TestCode:	**EPA 6010B: Total Recoverable Metals**					
Client ID:	**BatchQC**	Batch ID:	**24977**	RunNo:	**33820**					
Prep Date:		Analysis Date:	**4/27/2016**	SeqNo:	**1041840**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	3.0	0.25	2.500	0.6065	97.3	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD | Work Order Number: 1604997 | RcptNo: 1

Received by/date: 04/21/16

Logged By: Ashley Gallegos 4/21/2016 4:40:00 PM

Completed By: Ashley Gallegos 4/22/2016 9:32:14 AM

Reviewed By: 04/22/16

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Client		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: 4 (<2 or >12 unless noted)

Adjusted? NO

Checked by: JV

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: ____ Date: ____

By Whom: ____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: ____

Client Instructions: ____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.3	Good	Not Present			

Chain-of-Custody Record

Client: GHD - Albuquerque

Mailing Address: 6121 Indian School Rd NE Ste 200, Albuquerque, NM, 87110

Phone #: 505-884-0672

Email or Fax#: Bernard.Bockisch@ghd.com

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

Accreditation: NELAP ☐ Other

EDD (Type)

Turn-Around Time: ☑ Standard ☐ Rush

Project Name: Thoreau Compressor #5

Project #: 086242

Project Manager: Bernie Bockisch@ghd.com

Sampler: Steve Perez

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1604997
4-21-16	1000	GW	GW-086242-042116-SP-5-16B	Glass VOA's-3	HCL	-001
	1042		GW-086242-042116-SP-5-18B	Glass VOA's-3	HCL	-002
	1125		GW-086242-042116-SP-5-20B	Glass VOA's-3	HCL	-003
	1141		GW-086242-042116-SP-~~535B~~ SVE-3	Various-6	Various	-004
	1255		GW-086242-042116-SP-535B	Various-6	Various	-005
	1320		GW-086242-042116-SP-559	various-4	various	-006
	1325		GW-086242-042116-SP-56C	various-4	various	-007
	1410		GW-086242-042116-SP-TANK	1L Amber-1	various	-008
			GW-086242-042116-SP-DUP	3 VOA's	HCL	-009
			Trip Blanks			-010

Analysis Request															
BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BTEX SW-846 8260	PCB's SW-846 8082	Sulfate 300.0	Total Iron + Dissolved (6010)	Air Bubbles (Y or N) 6020
											X				
											X				
											X				
											X		X	X	
											X		X	X	
											X	X			
											X	X			
												X			
											X				
											X				

Date:	Time:	Relinquished by:	Received by:	Date	Time
4-21-16	16:40	Steve Perez		04/21/16	1640
		Relinquished by:	Received by:	Date	Time

Remarks:
Crossed out sample on 4th line should read GW-086242-042116-SP-SVE-3

* Call Bernie about ↘ See SSOW for parameters Also metals digestion