



**Remediation
Management**

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June 1, 2016

Mr. Tomás Oberding
New Mexico Oil Conservation
Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RE: 2015 Annual Groundwater Monitoring and Remediation Report
East Hobbs Junction, Lea County, New Mexico
NMOCD AP-15

Dear Mr. Oberding:

Enclosed is the 2015 Annual Groundwater Monitoring and Remediation Report for the Phillips 66 East Hobbs Junction Site. This report, prepared by GHD, contains the results of groundwater monitoring from January through December 2015.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Becky Hession".

Becky Hession

cc: Mothghlan Mansoori, GHD



REVIEWED

By OCD Dr Oberding at 12:16 pm, Feb 07, 2017



Annual Groundwater Monitoring and Remediation Report - January through December 2015

East Hobbs Junction
Lea County, New Mexico

Phillips 66 Company

1755 Wittington Place Suite 500 Dallas Texas 75234
075016 | Report No 10 | June 2016

Table of Contents

1.	Introduction.....	1
2.	Background Information and Site History	1
3.	Groundwater Monitoring Activities and Analytical Results	2
3.1	Well Gauging Data Collection	2
3.2	Groundwater Sampling	2
3.2.1	Groundwater Sampling – March 2015.....	2
3.2.2	Groundwater Sampling - July 2015	3
3.3	Groundwater Analytical Results.....	3
4.	Groundwater Remedial Activities	4
4.1	Groundwater Extraction and Hydrocarbon Recovery Operations	4
4.2	Soil Vapor Extraction and Air Sparge System Monitoring	4
4.3	System Operation and Maintenance	5
4.4	Mobile Dual Phase Extraction Event (MDPE).....	5
5.	Summary and Recommendations.....	6

Figure Index

Figure 1	Site Aerial Map
Figure 2	Site Plan Map
Figure 3A	Groundwater Gradient Map – March 11/12, 2015
Figure 3B	Groundwater Gradient Map - July 29, 2015
Figure 4A	Groundwater Analytical Results - BTEX & TPH - March 2015
Figure 4B	Groundwater Analytical Results - BTEX & TPH - July 2015
Figure 5A	Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – March 2015
Figure 5B	Liquid Phase Hydrocarbon (LPH) Thickness Contour Map - July 2015
Figure 6A	Benzene Concentration Map – March 2015
Figure 6B	Benzene Concentration Map - July 2015
Figure 7A	Chloride Concentration Map – March 2015
Figure 7B	Chloride Concentration Map - July 2015

Table Index

Table 1	Well Gauging Summary – January through December 2016
Table 2	Historical Groundwater Elevation Data
Table 3	2015 Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO
Table 4	Historical Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO
Table 5A	2015 Groundwater Analytical Data – Chloride
Table 5B	Historical Groundwater Analytical Data – Inorganics
Table 6A	VOC Emissions Data
Table 6B	VOC Emissions Data (Graphical)
Table 7	SVE Field Data
Table 8	Dissolved Oxygen Field Data
Table 9	Product Recovery Data Summary - 2002 through 2007

Appendices

Appendix A	Groundwater Laboratory Analytical Reports
Appendix B	Hydrographs
Appendix C	Mobile Dual Phase Extraction (MDPE) Report – 2015

1. Introduction

On behalf of Phillips 66 Company (Phillips 66), GHD is managing environmental and remedial project activities at the East Hobbs Junction (Site). The Site is located approximately one mile south of Hobbs in Lea County, New Mexico (Figure 1). The information provided in this report includes a review of previous Site activities, discussion of groundwater sampling data collected on March 11/12 and July 29, 2015 semi-annual groundwater monitoring events. The groundwater remediation system at the Site was rendered inoperable in January 2014 due to a faulty compressor; however, groundwater data was collected as part of operation and maintenance (O&M) activities at the Site. Semi-annual sampling events are conducted in the 1st quarter and 3rd quarter of each year with an annual report provided in the 2nd quarter of the following year. The report presents the following in detail.

- Background information and Site history
- Groundwater monitoring activities and results
- Groundwater remediation activities
- Summary and recommendations

2. Background Information and Site History

The Site is located in Lea County, New Mexico (Section 08, Township 19S, Range 38E; Figure 1). Site remedial activities commenced in January 2000, following the discovery of a release of crude oil from a gathering line at the East Hobbs Junction. Assessment activities have been conducted at the Site to define the crude oil impacts, and a soil and groundwater remediation system was installed to address the crude oil impacts. The remediation system installation consisted of a soil vapor extraction (SVE) system, an air sparge and a product recovery system. Figure 2 illustrates the locations of the existing pipeline corridors, the Site monitoring and remediation wells, the remediation buildings and storage tank at the Site.

Higgins and Associates, L.L.C. of Centennial, Colorado performed the installation of the remediation system, initial startup, procedures, system operation and maintenance and required Site monitoring activities until September 2003. In September 2003, Tetra Tech assumed O&M of the system. On August 5, 2008, the SVE and air sparge systems were converted into a bioventing system utilizing electronic timers to cycle the periods of operation to promote oxygen enhancement in the vadose zone and encourage biodegradation. The skimmer pumps have been removed from all monitoring wells except MW-2 and MW-9. Since January 2014, the skimming operations have ceased due to mechanical problems; however, remedial activities have continued with the use of MDPE to remove residual LNAPL to the extent practical.

On behalf of Phillips 66, GHD (formerly CRA) assumed remedial oversight duties of the Site in August 2011. Periodic O&M of the remediation system was performed until the skimming operations were shut down in 2014 and a semi-annual groundwater monitoring and sampling schedule has continued.

3. Groundwater Monitoring Activities and Analytical Results

GHD performed groundwater monitoring activities on existing Site monitoring and recovery wells from January to November 2015. Monitoring activities included collecting bi-weekly fluid level measurements at select Site monitoring wells and performing semi-annual groundwater sampling and laboratory data analysis of collected groundwater samples.

3.1 Well Gauging Data Collection

Bi-weekly fluid level measurements were collected from January to November 2015 for monitoring wells MW-1, MW-2, MW-3, MW-7, MW-8 (SVE-5), MW-9 (RW-2) and MW-10 (RW-6) as part of O&M procedures. An oil/water interface probe was used to measure groundwater depths and check for the presence of liquid phase hydrocarbon (LPH) in each of the monitoring wells. Groundwater measurements proceeded from clean wells to the wells containing LPH. The oil/water interface probe was cleaned with an Alconox®/de-ionized water solution and rinsed with de-ionized water after each use.

During the March 2015 and July 2015 groundwater sampling events, the general groundwater flow direction was to the south/southwest at an approximate gradient of 0.0035 and 0.0028 feet per foot (ft/ft), respectively. A groundwater gradient map depicting potentiometric groundwater surface elevation observed for March 10, 2015 and July 27, 2015 well gauging events is presented in Figure 3a and 3b, respectively.

Fluid level measurements collected from January through November 2015 are provided in Table 1; historical fluid level measurements are provided in Table 2. A LPH thickness contour map for March and July 2015 gauging events is included as Figure 5a and Figure 5b, respectively.

3.2 Groundwater Sampling

Following groundwater gauging activities, water was purged from monitoring wells and sampled utilizing traditional hand bailing techniques. The monitoring wells were purged for a minimum of three well volumes of groundwater prior to sample collection with dedicated, polyethylene bailers suspended with new string. Disposable nitrile gloves were worn by sampling personnel and were changed at each well location. Each sample was transferred to laboratory-provided sample containers that were sealed, labeled and placed in an ice-cooled chest for storage and transport to Pace Analytical Services, Inc. (Pace) in Lenexa, Kansas. Proper chain of custody documentation was maintained throughout the sampling, storage and shipping process.

3.2.1 Groundwater Sampling – March 2015

On March 11 and 12, 2015, groundwater samples were collected from 16 Site monitoring wells (MW-3, MW-6, MW-8, MW-10, MW-12, MW-13, MW-14, MW-16, MW-18, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26 and MW-27).

Monitoring wells MW-5, MW-11, MW-15, MW-17, MW-19, MW-20 and SVE-10 were observed dry and subsequently not sampled, and monitoring wells MW-1, MW-2, and MW-9 were not sampled due to presence of LPH. A sample could not be collected from monitoring wells MW-4 and MW-7 as these did not contain adequate groundwater for collecting grab groundwater samples.

3.2.2 Groundwater Sampling - July 2015

On July 29, 2015, groundwater samples were collected from 10 Site monitoring wells (MW-3, MW-6, MW-8, MW-12, MW-13, MW-22, MW-24, MW-25, MW-26 and MW-27).

Monitoring wells MW-4, MW-5, MW-7, MW-11, MW-15, MW-16, MW-17 and MW-19 were observed dry and subsequently not sampled, and monitoring wells MW-1, MW-2, and MW-9 were not sampled due to presence of LPH. A sample could not be collected from monitoring wells MW-10, MW-14, MW-18, MW-20, MW-21, MW-23 and SVE-10 as these did not contain adequate groundwater for collecting grab groundwater samples.

3.3 Groundwater Analytical Results

Groundwater samples collected during March and July 2015 sampling events were submitted to Pace for analyses of benzene, toluene, ethyl benzene and xylenes (BTEX) by U.S Environmental Protection Agency (USEPA) Method 8260; total petroleum hydrocarbons-diesel range organics (TPH-DRO) and total petroleum hydrocarbons-gasoline range organics (TPH-GRO) by Method 8015B modified; and chloride by Method 300.0A.

Analytical results were compared to the New Mexico Water Quality Control Commission (NMWQCC) groundwater quality standards contained in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC¹).

The following results were noted from the March 2015 semi-annual groundwater sampling event:

- Benzene concentrations were detected above the NMWQCC standard (0.01 milligrams per liter (mg/L)) in monitoring wells MW-3 (0.247 mg/L), MW-8 (0.0249 mg/L), MW-10 (7.57 mg/L) and MW-12 (1.24 mg/L)
- Chloride concentrations were detected above the NMWQCC standard (250 mg/L) in one of the monitoring wells MW-21 (354 mg/L).
- TPH-DRO was detected above the laboratory detection limit in monitoring wells MW-3 (66.2 mg/L), MW-6 (4.0 mg/L), MW-8 (2.3 mg/L), MW-10 (2.0 mg/L), MW-12 (1.1 mg/L), and MW-18 (0.69 mg/L). NMWQCC has not established groundwater standards for TPH DRO.
- TPH-GRO was detected above the laboratory detection limit in monitoring wells MW-3 (2.2 mg/L), MW-8 (2.4 mg/L), MW-10 (21.1 mg/L) and MW-12 (5.3 mg/L). NMWQCC has not established groundwater standards for TPH GRO.

The following results were noted from the July 2015 semi-annual groundwater sampling event:

- Benzene was detected above the NMWQCC standard (0.01 mg/L) in monitoring wells MW-3 (0.431 mg/L), and MW-12 (0.229 mg/L).
- Chloride was not detected above the NMWQCC standard (250 mg/L) in any of the monitoring wells.

¹ New Mexico Water Quality Control Commission
(<http://www.nmcpr.state.nm.us/nmac/parts/title20/20.006.0002.htm>)

- TPH-DRO was detected above the laboratory detection limit in monitoring wells MW-3 (20.9 mg/L), MW-6 (2.2 mg/L), MW-8 (1.5 mg/L), MW-12 (0.83 mg/L), and MW-18 (0.75 mg/L). NMWQCC has not established groundwater standards for TPH DRO.
- TPH-GRO was detected above the laboratory detection limit in monitoring wells MW-3 (6.9 mg/L), MW-12 (1.2 mg/L), and MW-18 (0.53 mg/L). NMWQCC has not established groundwater standards for TPH GRO.
- BTEX, TPH-GRO and TPH-DRO groundwater analytical data for March and July 2015 are presented in Table 3.
- Historical analytical results prior to 2015 are presented in Table 4.
- Analytical results for BTEX, TPH-DRO and TPH-GRO for March and July 2015 are presented in Figure 4A and 4B, respectively.
- Analytical results for chloride for March and July 2015 are presented in Table 5A. Historical analytical results for chloride, total hardness, iron and manganese are presented in Table 5B.
- A benzene concentration map for March and July 2015 are presented as Figures 6a and 6b, respectively.
- A chloride concentration map for March and July 2015 are included as Figures 7A and 7B, respectively.
- The laboratory groundwater analytical reports for March and July 2015 monitoring events are presented as Appendix A. Hydrographs are presented in Appendix B.

4. Groundwater Remedial Activities

Groundwater remediation activities were not performed on existing Site recovery wells due to a faulty compressor which rendered the skimmer pumps and remediation system inoperable since 2014. The groundwater remedial activities performed in 2015 consisted of bi-weekly well gauging of select monitoring wells as part of O&M activities and performing 7 Mobile Dual Phase Extraction (MDPE) events.

4.1 Groundwater Extraction and Hydrocarbon Recovery Operations

Due to mechanical issues with the compressor; the skimmer pumps in the monitoring wells have been inoperable since 2014. Historical product recovery at the Site from 2002 through 2007 is provided in Table 9.

4.2 Soil Vapor Extraction and Air Sparge System Monitoring

The SVE system has been in operation at the Site since October 17, 2002. On August 5, 2008, the SVE and air sparging systems were converted into a bioventing system utilizing electronic timers to cycle the periods of operation to promote oxygen enhancement in the vadose zone and encourage biodegradation of contaminants. After startup procedures, system repairs and timer calibration were completed; continuous operation of the bioventing system began on August 20, 2008. For air quality permit compliance, during system operation the on-site SVE system has been periodically monitored for effluent temperature, flow rate and volatile organic compound (VOC) concentrations

since startup. The Site is permitted by the New Mexico Air Quality Board for a maximum VOC extraction rate of 15 tons per year.

The SVE system was not operated in 2015 due to a faulty compressor; subsequently SVE data was not collected as part of O&M activities at the Site. Approximately 64,783 pounds (lbs) of VOCs have been removed from the vadose zone by the SVE system since startup on October 17, 2002. Furthermore, the LPH plume does not appear mobile or migrating (Figures 5a and 5b).

GHD collected Dissolved Oxygen (DO) measurements and temperature measurements from groundwater monitoring wells MW-4 (SVE-1), MW-5 (SVE-2), MW-10 (SVE-7), MW-12 (SVE-9), MW-14 (SVE-11), MW-16, MW-18 (SVE-13), MW 24 and SVE-10 from 2009 to 2014 in an effort to gauge the changing LPH density observed in the plume. Readings were discontinued as the skimmer pumps and remediation system was not operational. Historical DO measurements at the Site from 2009 through 2014 are provided in Table 8.

VOC emissions data is presented in Table 6A and the data is plotted in Table 6B. SVE field data collected as part of O&M is presented in Table 7.

4.3 System Operation and Maintenance

The remediation system equipment O&M schedule was performed according to the manufacture recommendations. System gauge and timer readings were recorded as part of O&M activities and the forms are available upon request.

4.4 Mobile Dual Phase Extraction Event (MDPE)

In order to evaluate the recoverability effectiveness of MDPE, LPH samples were collected from monitoring wells and submitted to ZymaX Forensics for C33-C44 Whole Oil Analysis by ASTM D3328. Sample analysis included Gasoline range PIANO² distribution, whole chromatogram, expanded chromatogram, and a quantitation report with peak areas (Appendix A).

Based on the analytical results obtained for LPH, GHD conducted multiple MDPE events to extract the LPH in monitoring wells MW-1, MW-2, MW-3 and MW-9. The MDPE events were performed using OXY-VAC high vacuum pump with a thermal oxidizer having a destruction efficiency rating of 99.9 percent to control emissions.

A brief summary of the 2015 MDPE events are detailed below:

2015 MDPE Events	
Event #1 3/16/2015	A total of 1279 gallons (gal) of total fluids including 24 gal (151 lbs) of liquid and vapor LPH was recovered over the 8 hour period. Prior to the MDPE event, LPH thickness ranged from 0.02 ft in MW-9 to 0.93 ft in MW-1. Following the completion of MDPE, LPH was not observed in monitoring wells MW-2, MW-3, and MW-9 but was 0.22 ft in MW-1. The influent hydrocarbon (THC) gas concentration ranged from 23,300 to 37,800 parts per million by volume (ppmv) based on laboratory results.

² Paraffins, Isoparaffins, Aromatics, Naphthenes and Olefins.

Event #2 4/24/2015	A total of 1462 gallons (gal) of total fluids including 9 gal (57 lbs) of liquid and vapor LPH was recovered over the 8 hour period. Prior to the MDPE event, LPH thickness ranged from 0.00 ft in MW-3 and MW-9 to 0.07 ft in MW-1. Following the completion of MDPE, LPH was not observed in monitoring wells MW-1, MW-2, MW-3 and MW-9. The influent hydrocarbon (THC) gas concentration 8,940 parts per million by volume (ppmv) based on laboratory results.
Event #3 4/23/2015	A total of 1601 gallons (gal) of total fluids including 14 gal (85 lbs) of liquid and vapor LPH was recovered over the 10 hour period. Prior to the MDPE event, LPH thickness ranged from 0.00 ft in MW-3 to 0.73 ft in MW-1. Following the completion of MDPE, LPH thickness ranged from 0.00 ft in MW-3 and MW-9 to 0.07 ft in MW-1. The influent hydrocarbon (THC) gas concentration ranged from 9,830 to 13,800 parts per million by volume (ppmv) based on laboratory results.
Event #4 7/9/2015	A total of 1589 gallons (gal) of total fluids including 20 gal (122 lbs) of liquid and vapor LPH was recovered over the 10 hour period. Prior to the MDPE event, LPH thickness ranged from 0.00 ft in MW-3 to 0.20 ft in MW-1. Following the completion of MDPE, LPH was not observed in monitoring wells MW-1, MW-2, MW-3 and MW-9. The influent hydrocarbon (THC) gas concentration ranged from 8,160 to 17,700 parts per million by volume (ppmv) based on laboratory results.
Event #5 7/10/2015	A total of 1846 gallons (gal) of total fluids including 25 gal (154 lbs) of liquid and vapor LPH was recovered over the 10 hour period. Prior to the MDPE event, LPH thickness ranged from 0.00 ft in MW-3 and MW-9 to 0.05 ft in MW-1. Following the completion of MDPE, LPH was not observed in monitoring wells MW-1, MW-2, MW-3 and MW-9. The influent hydrocarbon (THC) gas concentration 21,100 parts per million by volume (ppmv) based on laboratory results.
Event #6 11/19/2015	A total of 1565 gallons (gal) of total fluids including 14 gal (89 lbs) of liquid and vapor LPH was recovered over the 8 hour period. Prior to the MDPE event, LPH thickness ranged from 0.00 ft in MW-3 to 0.22 ft in MW-1. Following the completion of MDPE, LPH was not observed in monitoring wells MW-1, MW-2, MW-3, and MW-9. The influent hydrocarbon (THC) gas concentration ranged from 17,400 to 24,100 parts per million by volume (ppmv) based on laboratory results.
Event #7 11/20/2015	A total of 1441 gallons (gal) of total fluids including 12 gal (73 lbs) of liquid and vapor LPH was recovered over the 8 hour period. Prior to the MDPE event, LPH thickness ranged from 0.00 ft in MW-2, MW-3, and MW-9 to 0.05 ft in MW-1. Following the completion of MDPE, LPH was not observed in monitoring wells MW-1, MW-2, MW-3, and MW-9. The influent hydrocarbon (THC) gas concentration 18,100 parts per million by volume (ppmv) based on laboratory results.

Reports with results from the 2015 MDPE events are presented in Appendix C.

5. Summary and Recommendations

Groundwater samples collected in March and July 2015 from monitoring wells MW-3, MW-8, MW-10, and MW-12 continued to indicate exceedance of the NMWQCC standard for benzene.

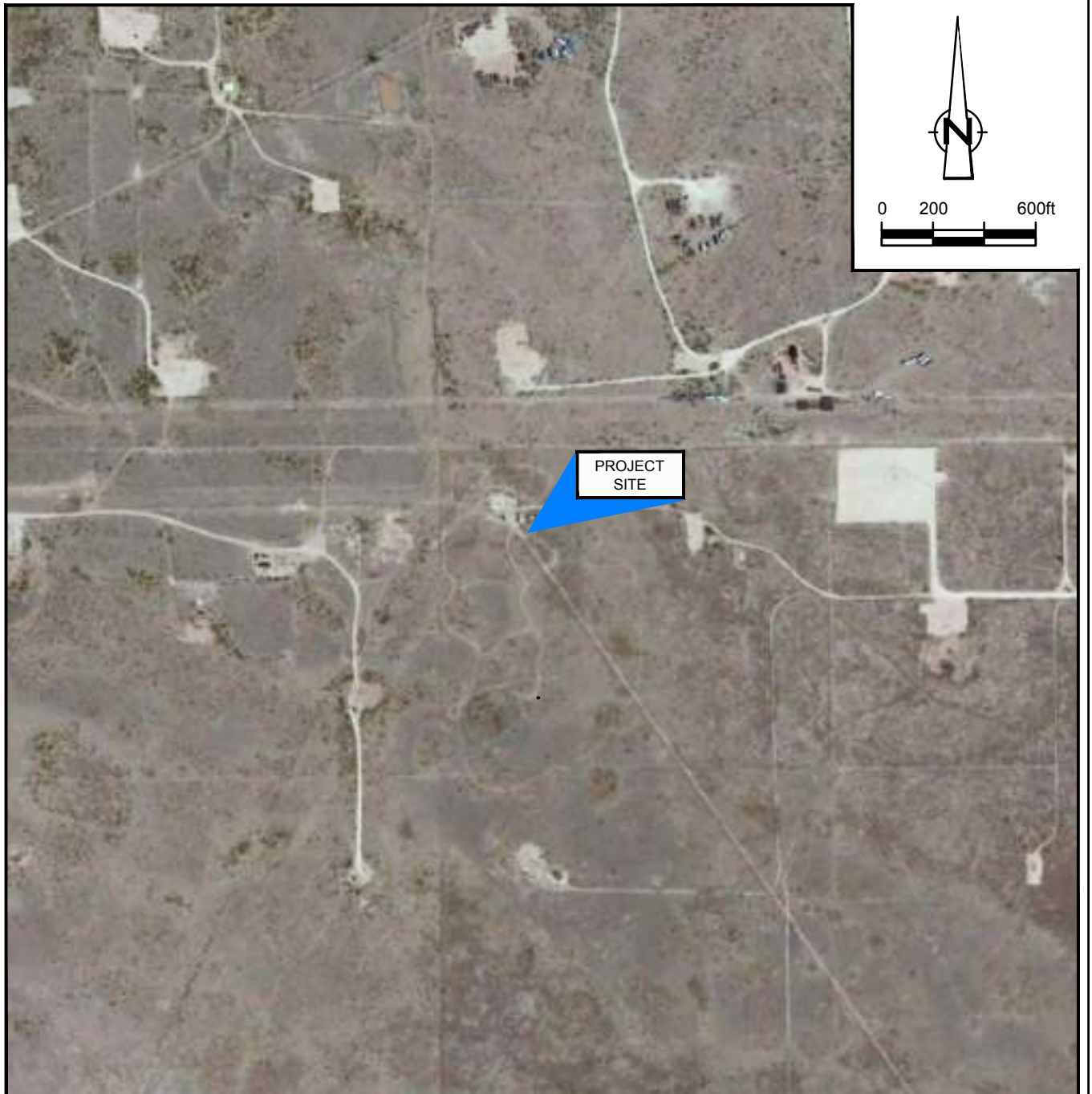
The groundwater sample collected in March 2015 from monitoring well MW-21 exceeded the NMWQCC standard for chloride.

LPH was encountered in monitoring wells MW-1, MW-2, and MW-9 during the March and July 2015 gauging events.

Recommendations based on review of the 2015 groundwater data:

- GHD recommends continued semi-annual groundwater monitoring and sampling of the Site monitoring wells. Groundwater samples will be collected and submitted to an analytical laboratory for analyses of BTEX, TPH-DRO, TPH-GRO and chloride.
- GHD recommends continued monthly O&M data collection for select groundwater monitoring wells.
- Conduct additional MDPE events to enhance LPH recovery and remedial activities.

Figures



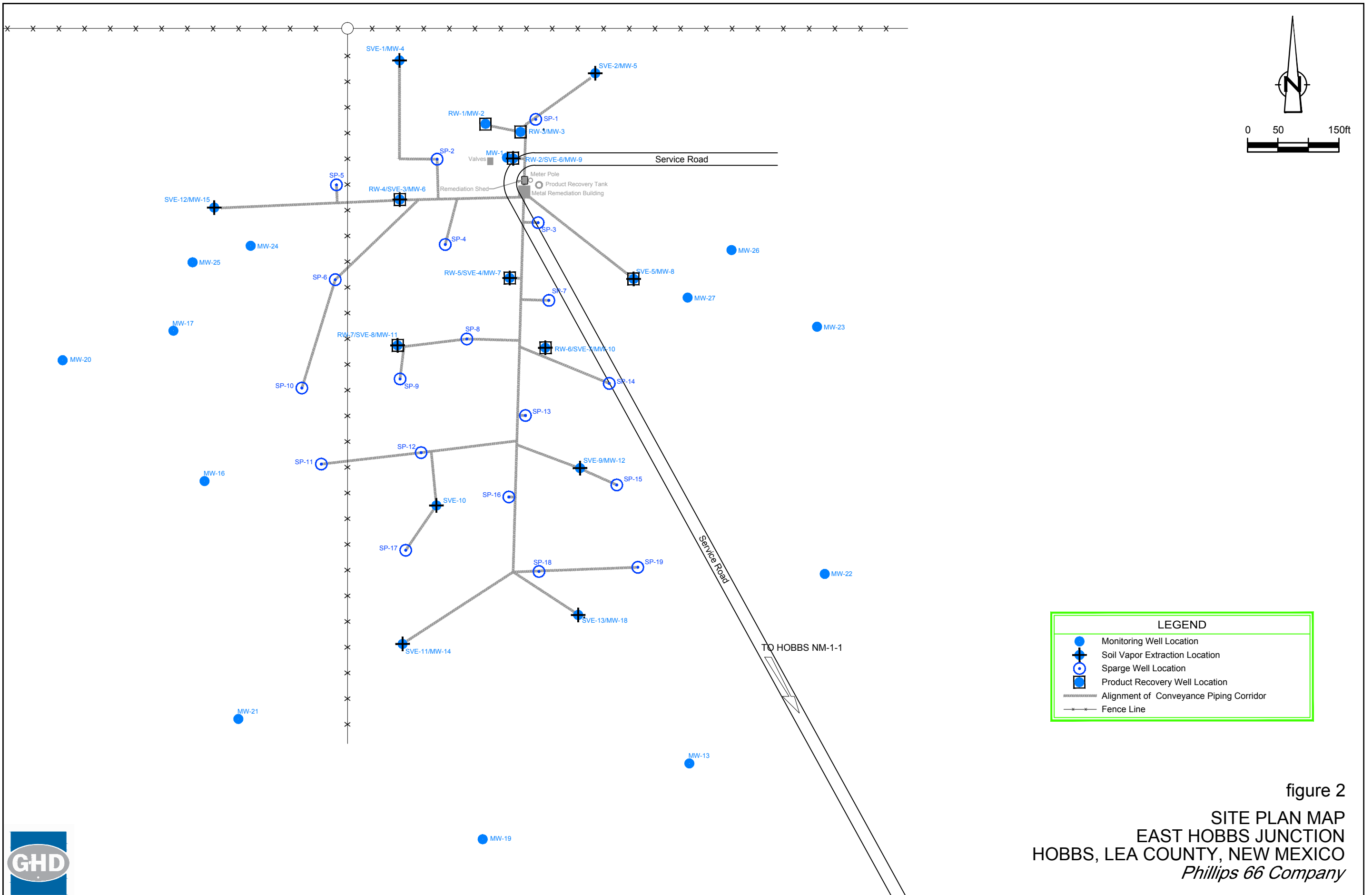
SOURCE: USGS 7.5 MINUTE QUAD
"HOBBS WEST, NEW MEXICO"

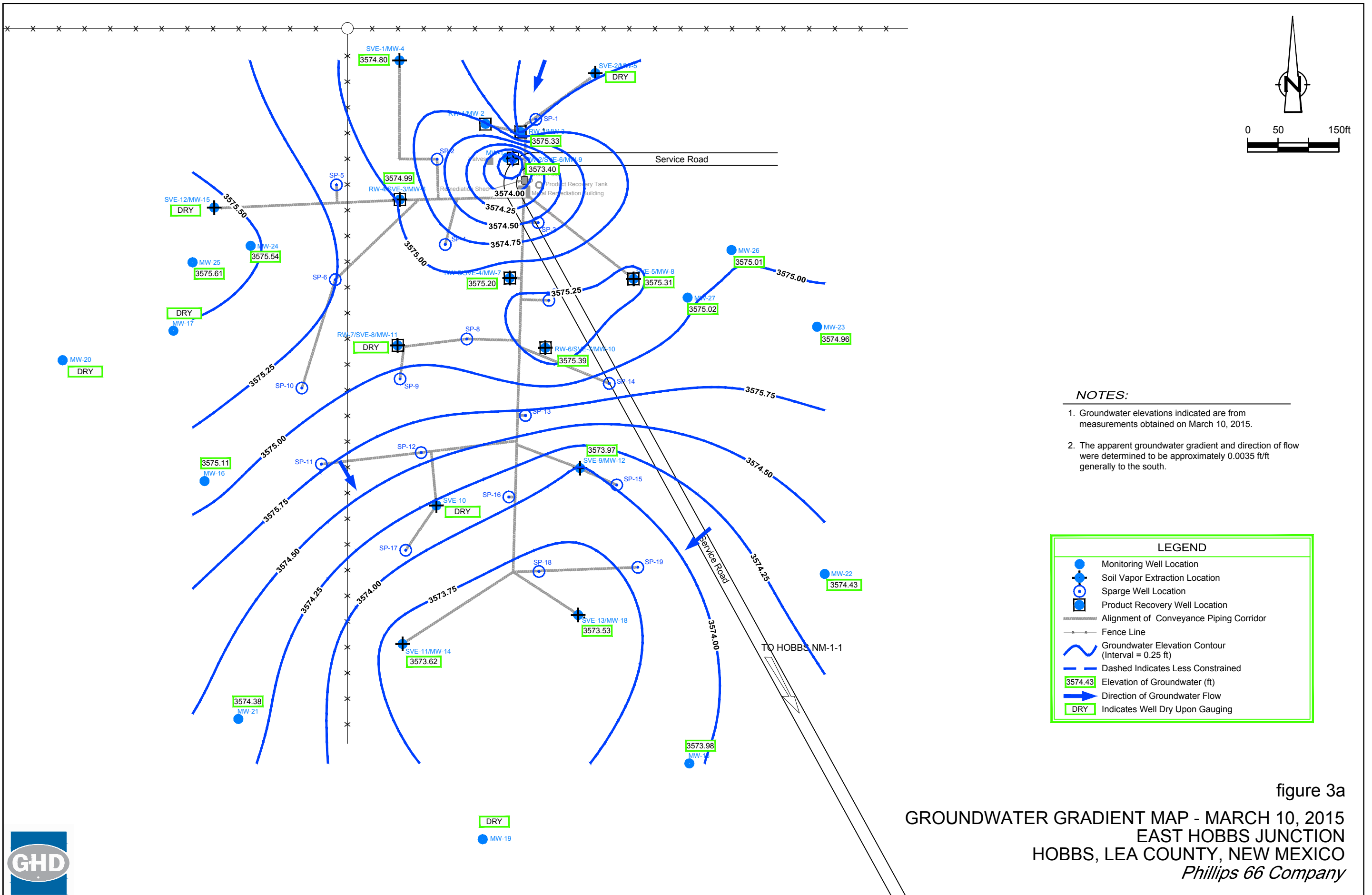
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COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO EAST

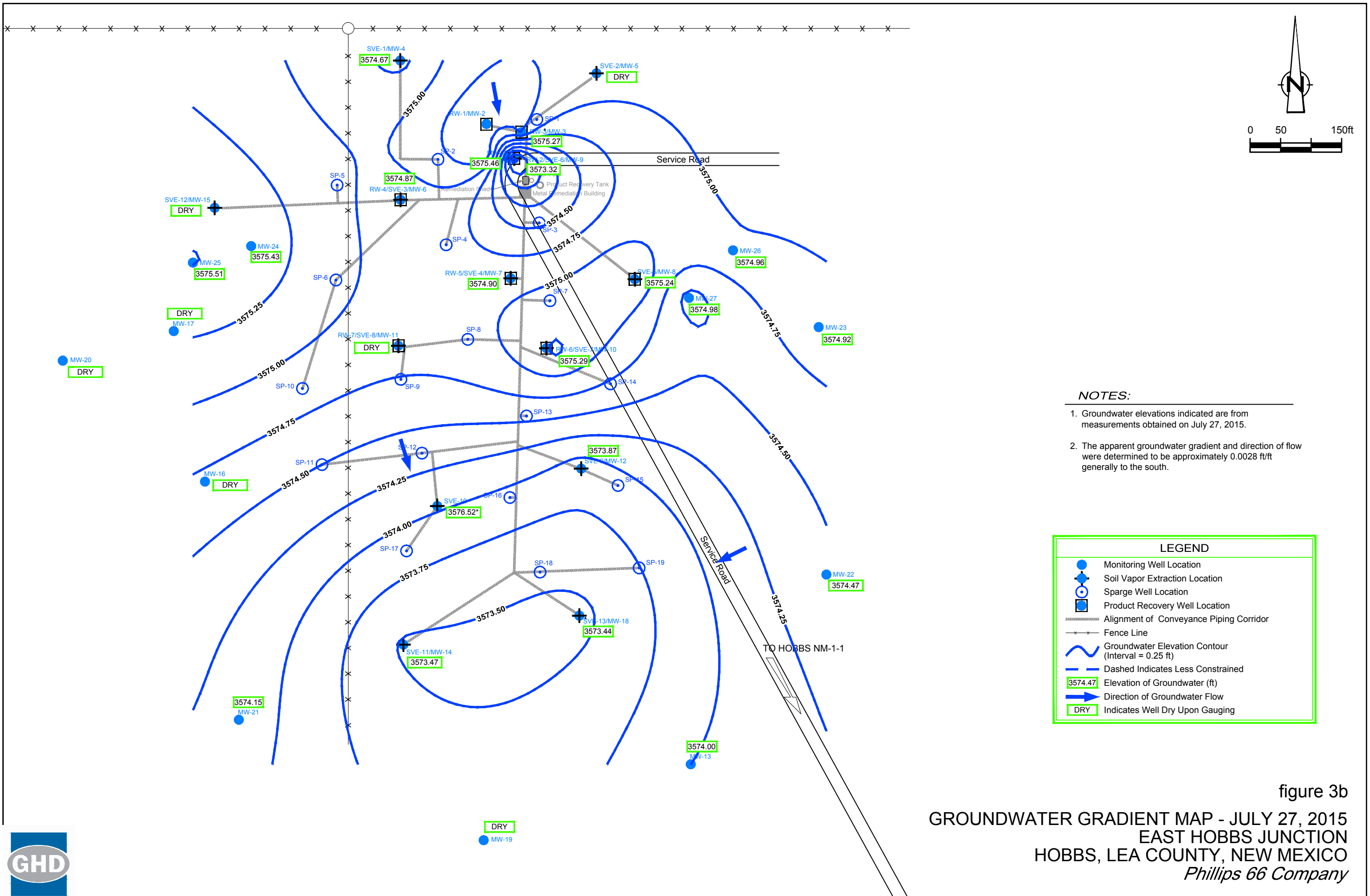
figure 1

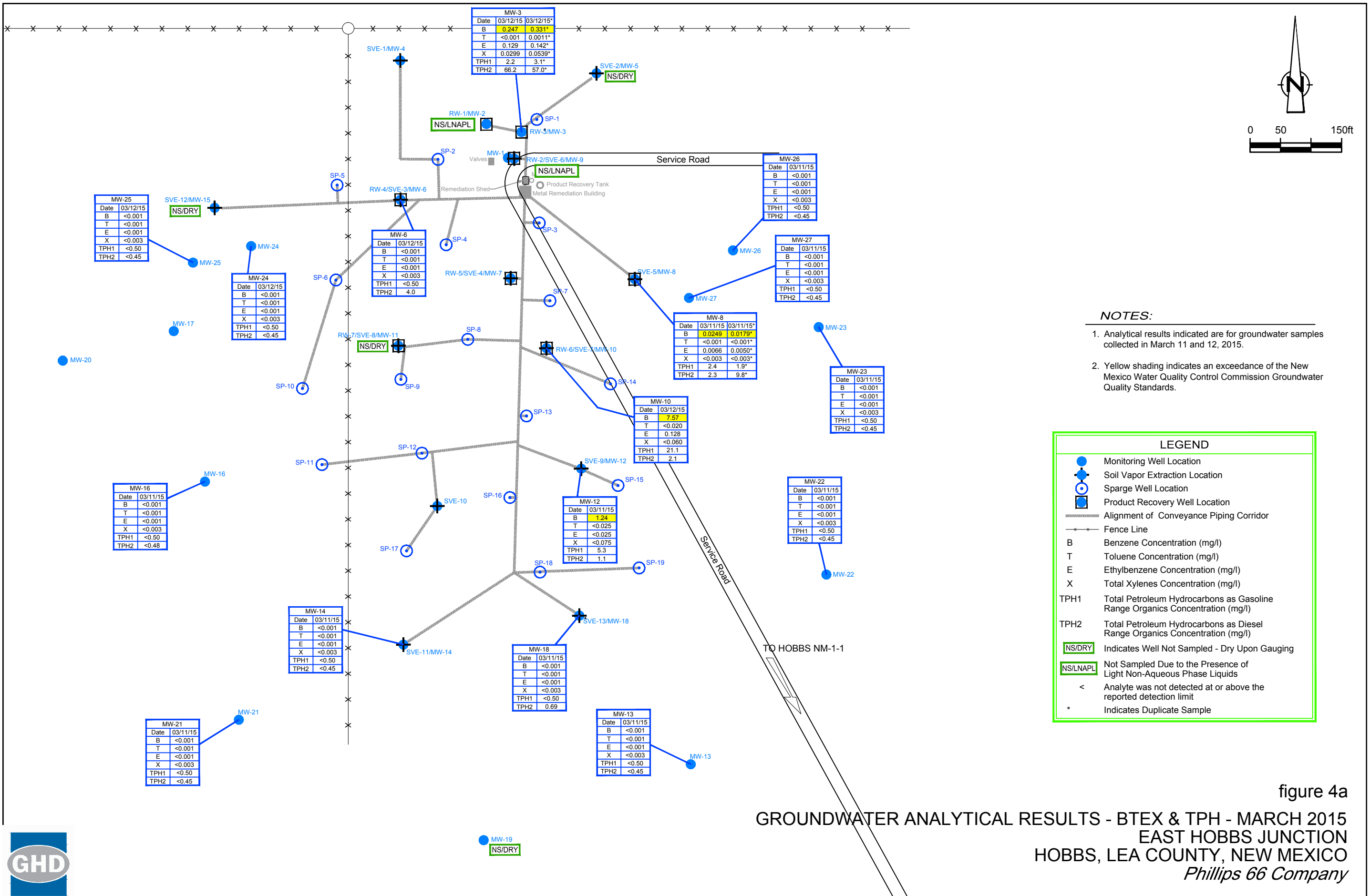
SITE AERIAL MAP
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company











NOTES:

- Analytical results indicated are for groundwater samples collected in March 11 and 12, 2015.
- Yellow shading indicates an exceedance of the New Mexico Water Quality Control Commission Groundwater Quality Standards.

figure 4a

GROUNDWATER ANALYTICAL RESULTS - BTEX & TPH - MARCH 2015
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company



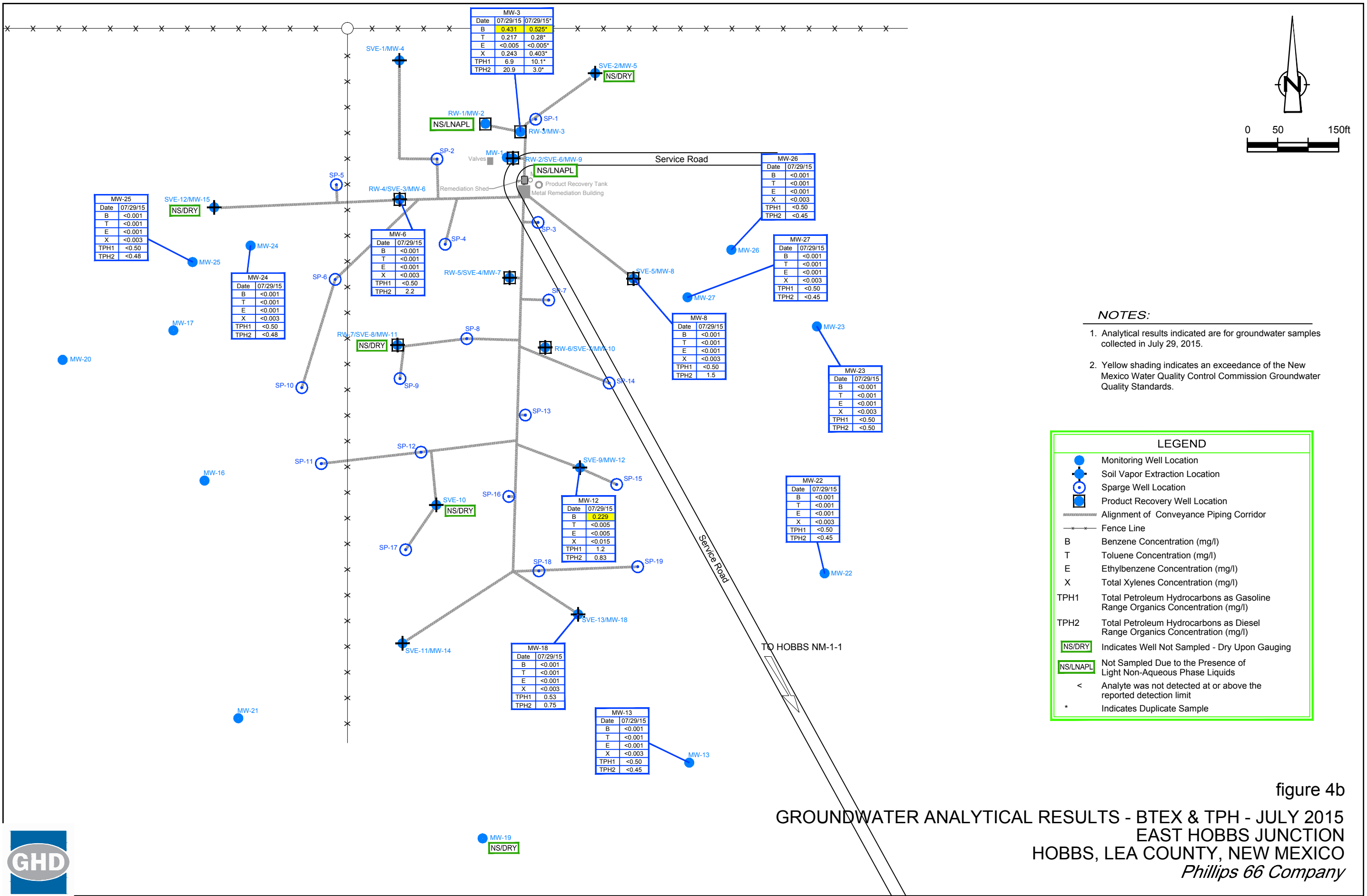
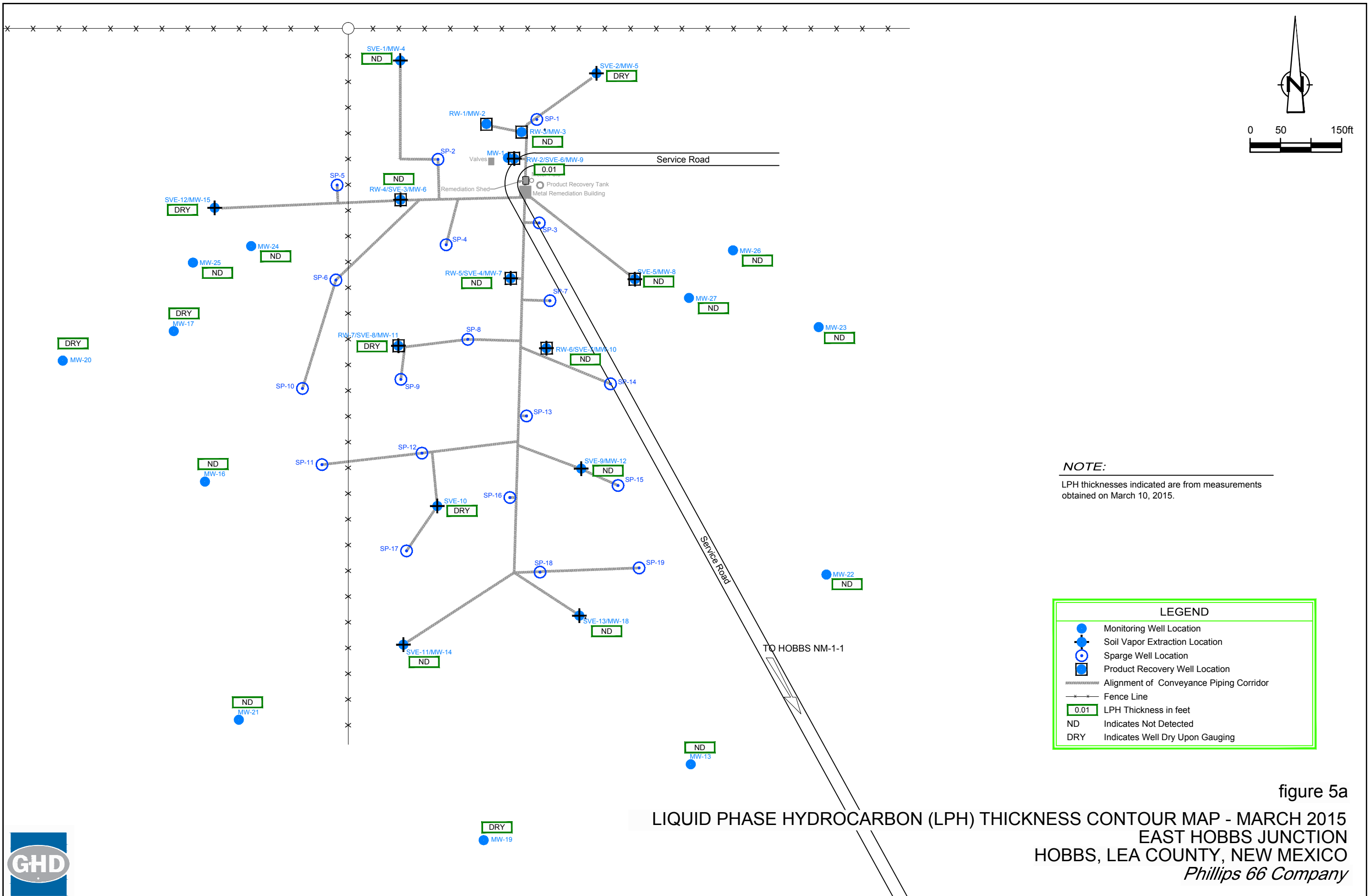
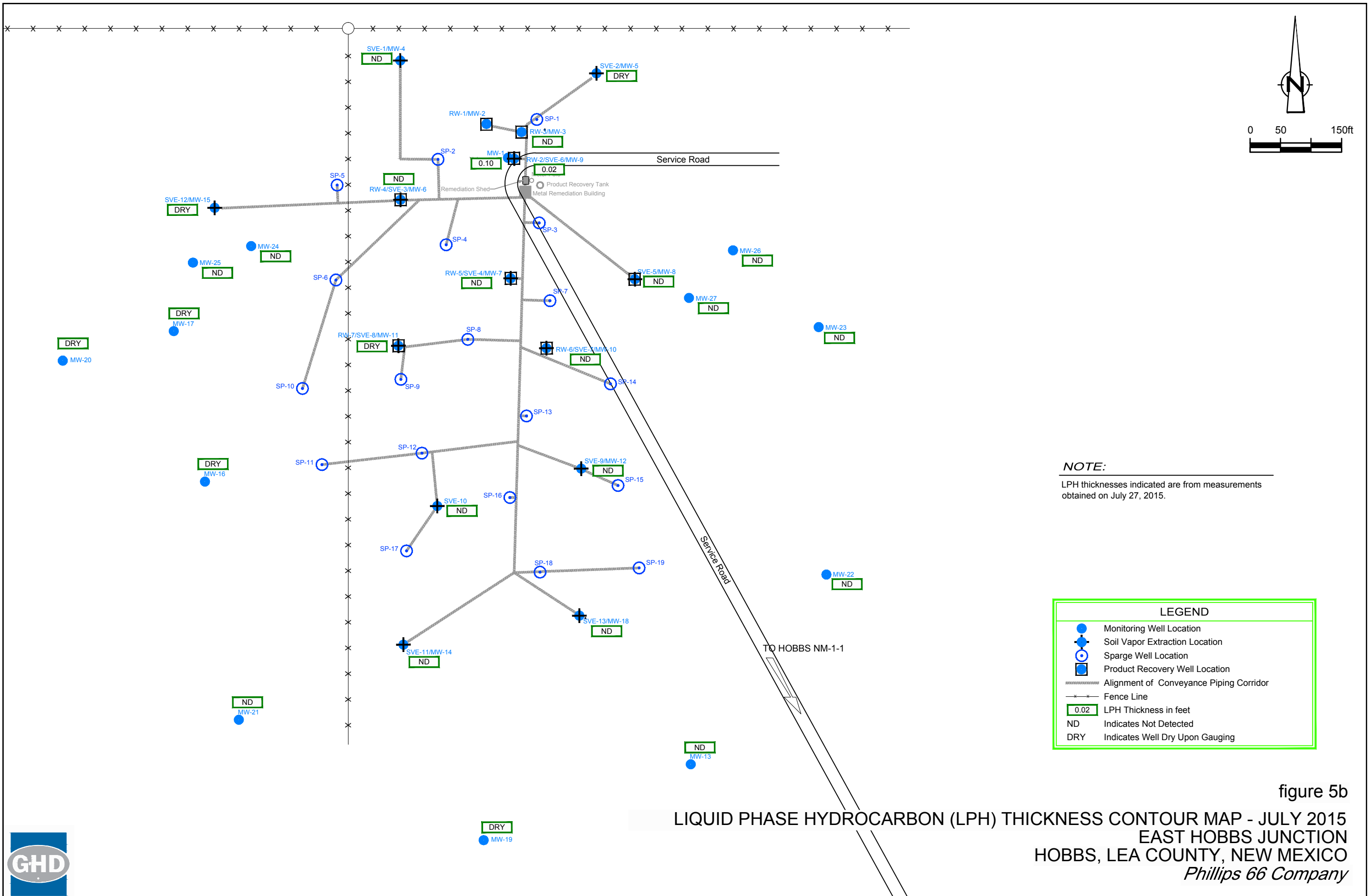


figure 4b
GROUNDWATER ANALYTICAL RESULTS - BTEX & TPH - JULY 2015
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company







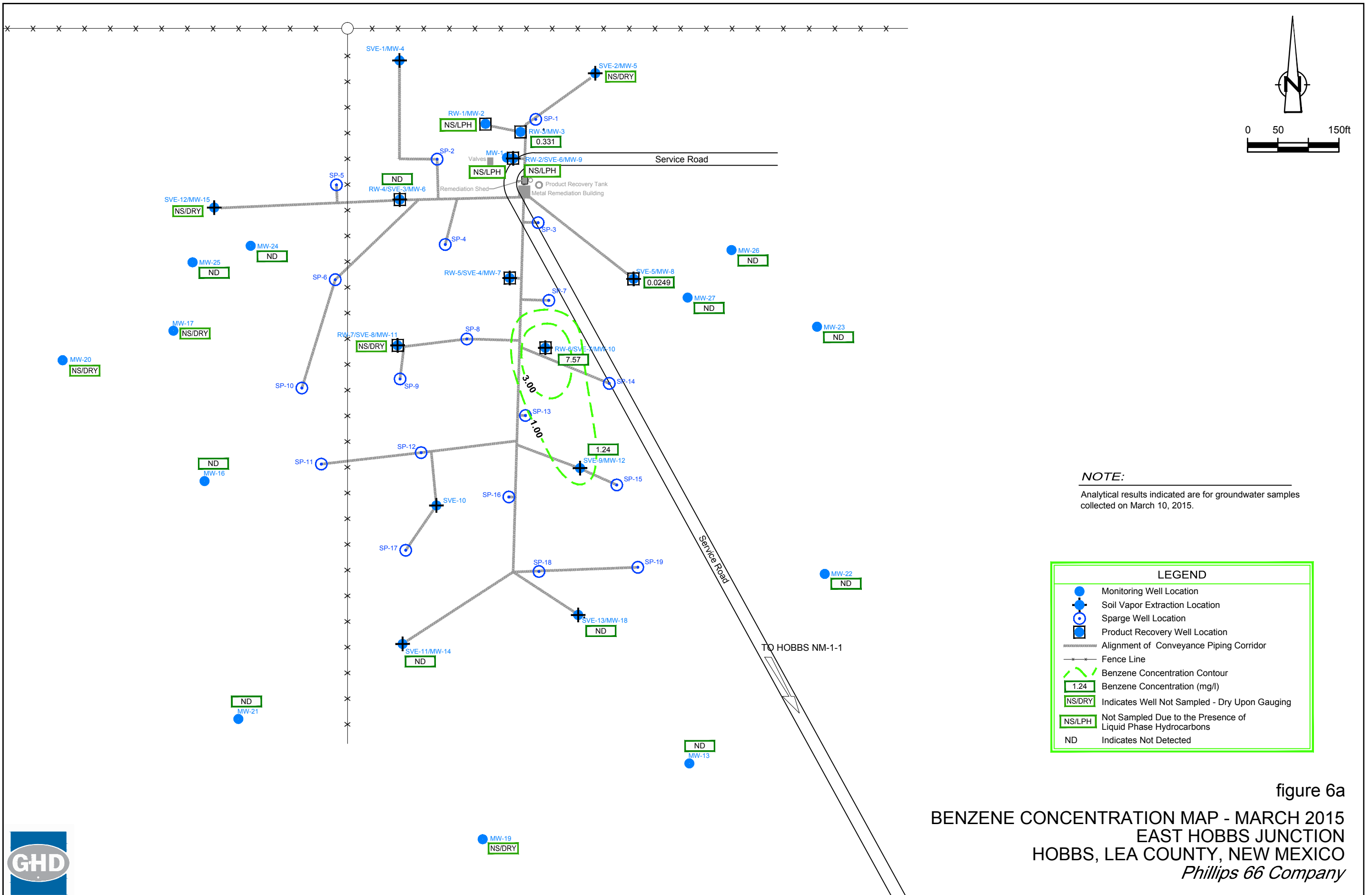
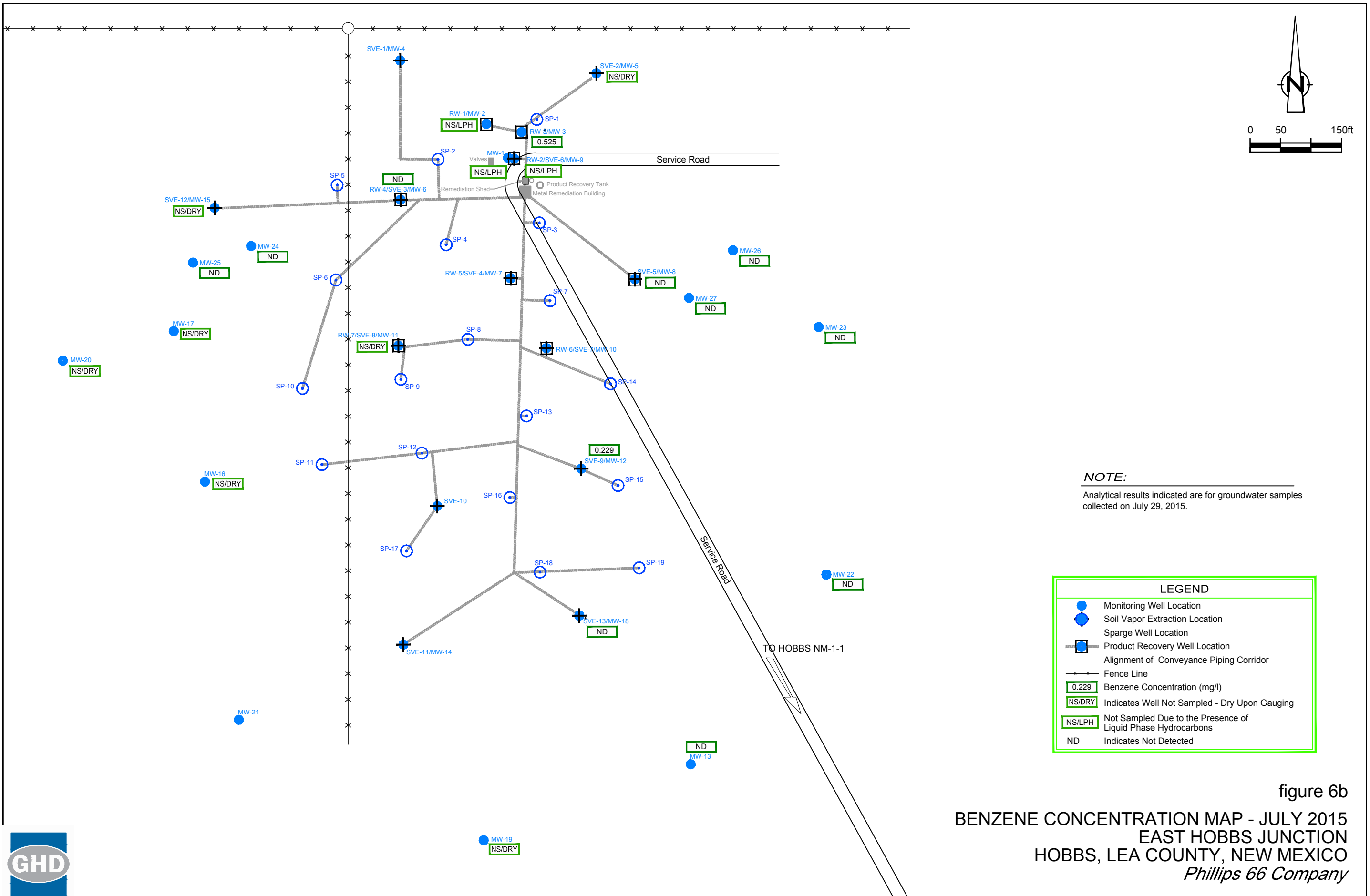
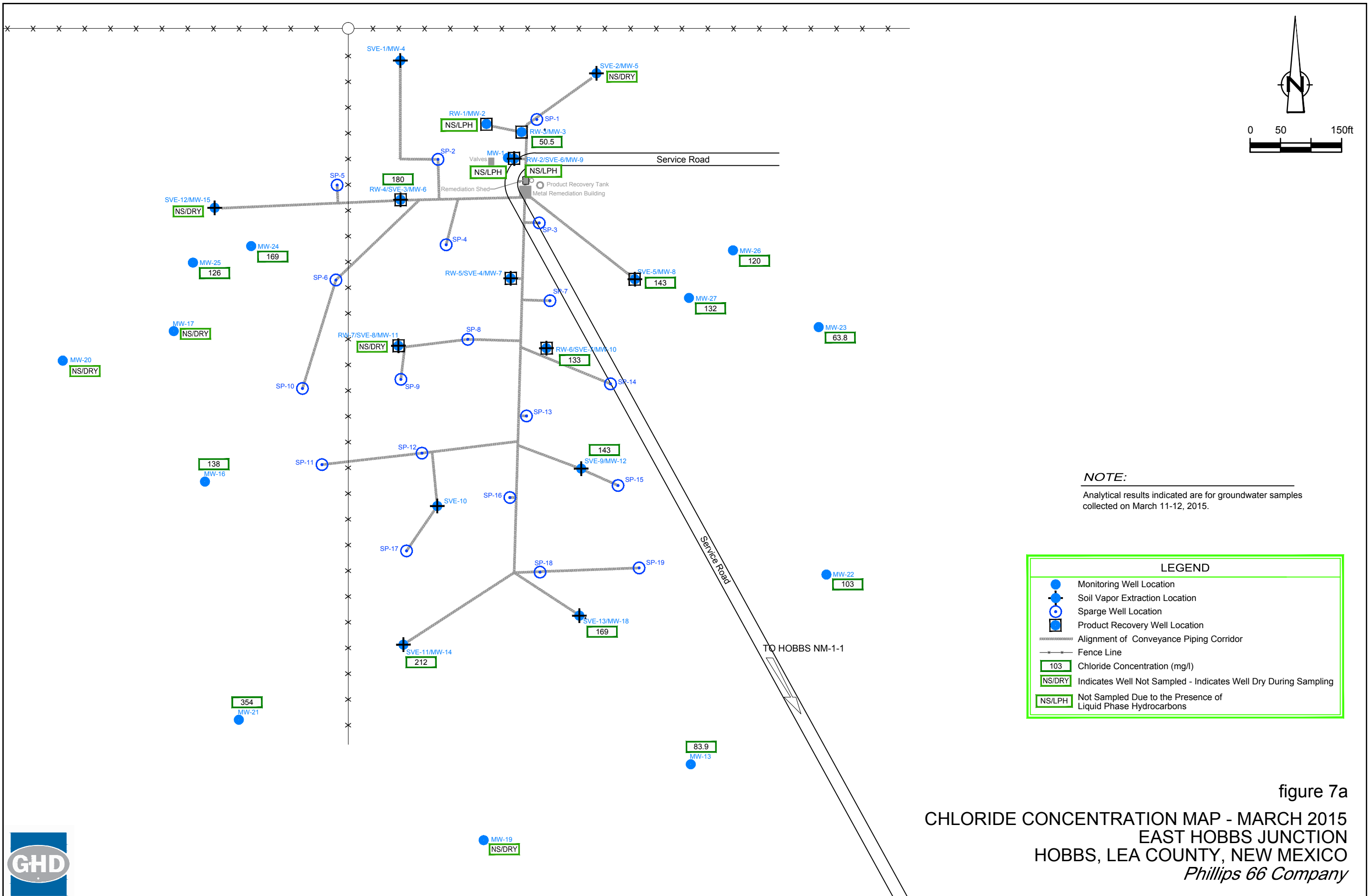
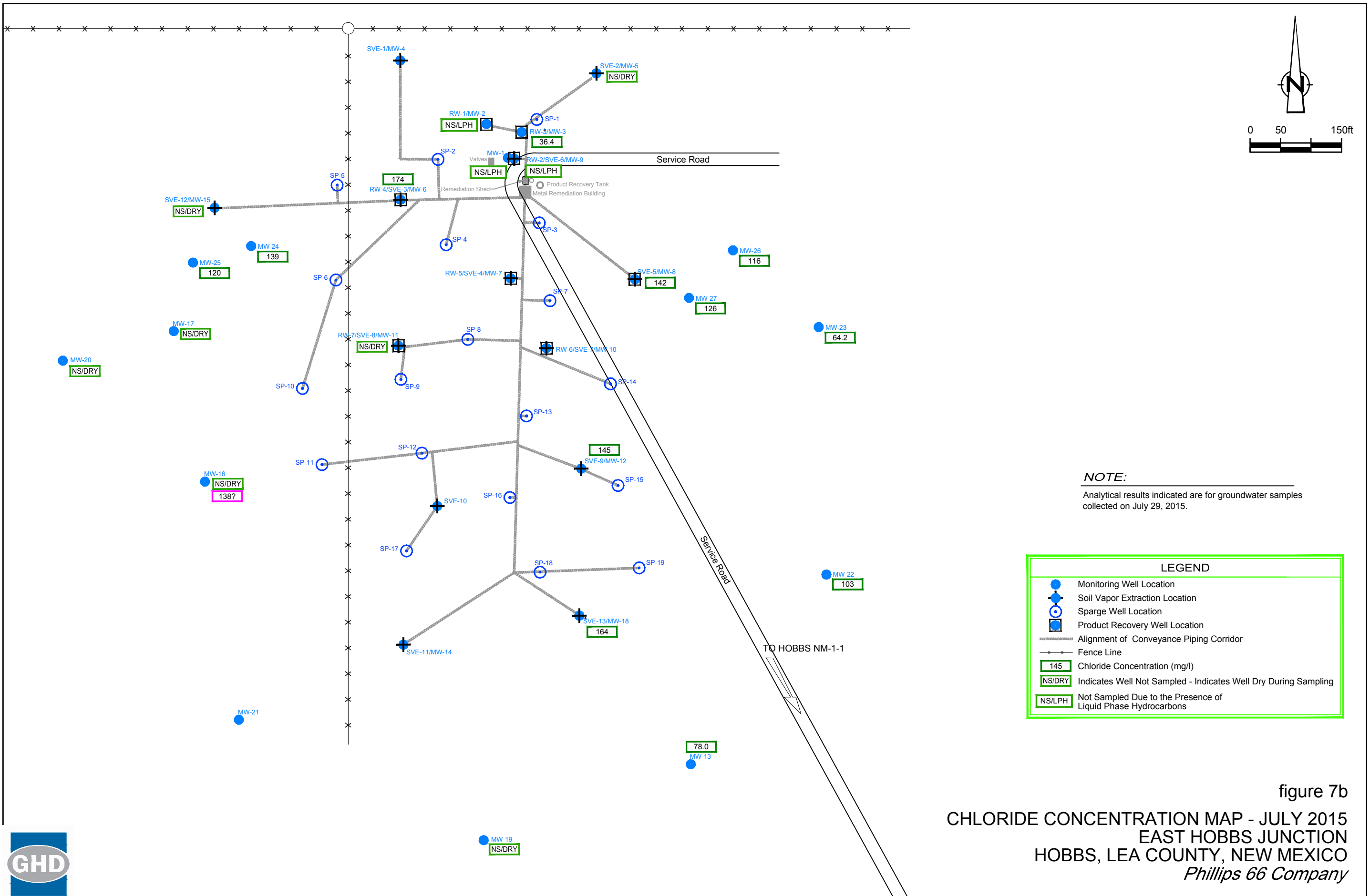


figure 6a
BENZENE CONCENTRATION MAP - MARCH 2015
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company







Tables

Well Gauging Summary - January through December 2015
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-1	11/19/14	3606.28	30.34	32.02	1.68	3575.57
	11/24/14	3606.28	30.60	31.52	0.92	3575.48
	12/10/14	3606.28	30.56	31.53	0.97	3575.51
	01/20/15	3606.28	30.52	31.50	0.98	3575.54
	02/24/15	3606.28	30.48	31.41	0.93	3575.60
	02/25/15	3606.28	30.63	31.17	0.54	3575.53
	02/26/15	3606.28	30.65	31.18	0.53	3575.51
	02/27/15	3606.28	30.64	31.19	0.55	3575.52
	04/23/15	3606.28	30.69	31.42	0.73	3575.43
	04/24/15	3606.28	30.84	30.91	0.07	3575.42
	04/27/15	3606.28	30.91	31.01	0.10	3575.35
	05/15/15	3606.28	30.92	31.09	0.17	3575.32
	06/08/15	3606.28	30.89	31.05	0.16	3575.35
	07/09/15	3606.28	30.81	31.01	0.20	3575.43
	07/10/15	3606.28	30.86	30.91	0.05	3575.41
	07/27/15	3606.28	30.80	30.90	0.10	3575.46
	08/18/15	3606.28	30.78	30.94	0.16	3575.46
	09/29/15	3606.28	30.77	30.93	0.16	3575.47
	11/19/15	3606.28	30.55	30.77	0.22	3575.68
	11/20/15	3606.28	30.61	30.66	0.05	3575.66
	11/23/15	3606.28	30.62	30.67	0.05	3575.65
MW-2 (RW-1)	11/19/14	3606.45	31.26	32.15	0.89	3574.99
	11/24/14	3606.45	--	31.79	--	3574.66
	12/10/14	3606.45	--	31.78	--	3574.67
	01/08/15	3606.45	31.75	31.76	0.01	3574.70
	01/20/15	3606.45	--	31.74	--	3574.71
	02/24/15	3606.45	31.69	31.75	0.06	3574.75
	02/25/15	3606.45	31.76	31.78	0.02	3574.69
	02/26/15	3606.45	31.77	31.78	0.01	3574.68
	02/27/15	3606.45	31.76	31.78	0.02	3574.69
	03/10/15	3606.45	31.76	31.80	0.04	3574.68
	04/23/15	3606.45	31.83	31.97	0.14	3574.59
	04/24/15	3606.45	31.88	31.90	0.02	3574.57
	05/15/15	3606.45	31.95	32.05	0.10	3574.48
	06/08/15	3606.45	31.94	32.03	0.09	3574.49
	07/09/15	3606.45	31.85	31.92	0.07	3574.58
	07/10/15	3606.45	31.92	31.93	0.01	3574.53
	07/27/15	3606.45	31.81	31.82	0.01	3574.64
	08/18/15	3606.45	31.83	31.84	0.01	3574.62

Table 1

Well Gauging Summary - January through December 2015
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	09/29/15	3606.45	--	32.84	--	3573.61
	11/19/15	3606.45	31.63	31.66	0.03	3574.81
	11/20/15	3606.45	--	31.38	--	3575.07
	11/23/15	3606.45	31.67	31.68	0.01	3574.78
MW-3	11/19/14	3606.33	30.90	31.31	0.41	3575.34
(RW-3)	11/24/14	3606.33	--	31.06	--	3575.27
	12/10/14	3606.33	--	31.06	--	3575.27
	01/20/15	3606.33	--	31.01	--	3575.32
MW-3	02/24/15	3606.33	30.95	30.98	0.03	3575.37
(RW-3)	02/25/15	3606.33	--	31.00	--	3575.33
	02/26/15	3606.33	--	31.00	--	3575.33
	02/27/15	3606.33	30.99	31.00	0.01	3575.34
	03/10/15	3606.33	--	31.00	--	3575.33
	04/23/15	3606.33	--	31.08	--	3575.25
	04/24/15	3606.33	--	31.13	--	3575.20
	04/27/15	3606.33	--	31.22	--	3575.11
	05/15/15	3606.33	31.20	31.21	0.01	3575.13
	06/08/15	3606.33	--	31.18	--	3575.15
	07/09/15	3606.33	--	31.10	--	3575.23
	07/10/15	3606.33	--	31.12	--	3575.21
	07/27/15	3606.33	--	31.06	--	3575.27
	08/18/15	3606.33	--	31.05	--	3575.28
	09/29/15	3607.33	--	31.04	--	3576.29
	11/19/15	3606.33	--	30.83	--	3575.50
	11/20/15	3606.33	--	30.87	--	3575.46
	11/23/15	3606.33	--	30.88	--	3575.45
MW-4	02/24/15	3606.37	--	31.49	--	3574.88
(SVE-1)	03/10/15	3606.37	--	31.57	--	3574.80
	07/27/15	3606.37	--	31.70	--	3574.67
MW-5	02/24/15	3604.90	--	30.63	--	3574.27
(SVE-2)	03/10/15	3604.90	--	Dry	--	Dry
	07/27/15	3604.90	--	Dry	--	Dry
MW-6	02/24/15	3606.17	--	31.12	--	3575.05
(RW-4)	03/10/15	3606.17	--	31.18	--	3574.99
	07/27/15	3606.17	--	31.30	--	3574.87
MW-7	01/08/15	3606.50	--	31.27	--	3575.23

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(RW-5)	01/20/15	3606.50	--	31.27	--	3575.23
	02/25/15	3606.50	--	31.29	--	3575.21
	03/10/15	3606.50	--	31.30	--	3575.20
	04/24/15	3606.50	--	31.50	--	3575.00
	05/15/15	3606.50	--	31.50	--	3575.00
	06/08/15	3606.50	31.46	31.47	0.01	3575.04
	07/27/15	3606.50	--	31.60	--	3574.90
	08/18/15	3606.50	--	31.34	--	3575.16
	09/29/15	3607.50	--	31.33	--	3576.17
MW-8	01/08/15	3605.92	--	30.61	--	3575.31
(SVE-5)	01/20/15	3605.92	--	30.60	--	3575.32
	02/25/15	3605.92	--	30.60	--	3575.32
	03/10/15	3605.92	--	30.61	--	3575.31
MW-8	04/24/15	3605.92	--	30.79	--	3575.13
(SVE-5)	05/15/15	3605.92	--	30.83	--	3575.09
	06/08/15	3605.92	--	30.77	--	3575.15
	07/27/15	3605.92	--	30.68	--	3575.24
	08/18/15	3605.92	--	30.65	--	3575.27
	09/29/15	3606.92	--	30.60	--	3576.32
MW-9 (RW-2)	11/19/14	3605.75	32.43	32.45	0.02	3573.32
	11/24/14	3605.75	--	32.43	--	3573.32
	12/10/14	3605.75	--	32.39	--	3573.36
	01/08/15	3605.75	32.36	32.37	0.01	3573.39
	01/20/15	3605.75	--	32.33	--	3573.42
	02/24/15	3605.75	32.34	32.36	0.02	3573.41
	02/25/15	3605.75	--	32.37	--	3573.38
	02/26/15	3605.75	--	32.37	--	3573.38
	02/27/15	3605.75	--	32.37	--	3573.38
	03/10/15	3605.75	32.35	32.36	0.01	3573.40
	04/23/15	3605.75	32.43	32.46	0.03	3573.31
	04/24/15	3605.75	--	32.51	--	3573.24
	04/27/15	3605.75	--	32.58	--	3573.17
	05/15/15	3605.75	32.55	32.58	0.03	3573.19
	06/08/15	3605.75	32.51	32.55	0.04	3573.23
	07/09/15	3605.75	32.44	32.48	0.04	3573.30
	07/10/15	3605.75	--	32.52	--	3573.23
	07/27/15	3605.75	32.43	32.45	0.02	3573.32
	08/18/15	3605.75	32.41	32.43	0.02	3573.34
	09/29/15	3605.75	32.41	32.42	0.01	3573.34

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	11/19/15	3605.75	32.21	32.24	0.03	3573.53
	11/20/15	3605.75	--	32.26	--	3573.49
	11/23/15	3605.75	--	32.23	--	3573.52
MW-10 (RW-6)	01/08/15	3605.94	--	30.53	--	3575.41
	01/20/15	3605.94	--	30.52	--	3575.42
	02/25/15	3605.94	--	30.54	--	3575.40
	03/10/15	3605.94	--	30.55	--	3575.39
	04/24/15	3605.94	--	30.72	--	3575.22
	05/15/15	3605.94	--	Dry	--	Dry
	06/08/15	3605.94	30.70	30.71	0.01	3575.24
	07/27/15	3605.94	--	30.65	--	3575.29
	08/18/15	3605.94	--	Dry	--	Dry
	08/19/15	3606.94	--	30.41	--	3576.53
	09/29/15	3606.94	--	30.63	--	3576.31
MW-11 (RW-7)	03/10/15	3608.06	--	Dry	--	Dry
	07/27/15	3608.06	--	Dry	--	Dry
MW-12 (SVE-9)	03/10/15	3604.14	--	30.17	--	3573.97
	07/27/15	3604.14	--	30.27	--	3573.87
MW-13	03/10/15	3604.31	--	30.33	--	3573.98
	07/27/15	3604.31	--	30.31	--	3574.00
MW-14 (SVE-11)	03/10/15	3603.77	--	30.15	--	3573.62
	07/27/15	3603.77	--	30.30	--	3573.47
MW-15 (SVE-12)	03/10/15	3609.23	--	Dry	--	Dry
	07/27/15	3609.23	--	Dry	--	Dry
MW-16	03/10/15	3606.31	--	31.20	--	3575.11
	07/27/15	3606.31	--	Dry	--	Dry
MW-17	03/10/15	3610.03	--	Dry	--	Dry
	07/27/15	3610.03	--	Dry	--	Dry
MW-18 (SVE-13)	03/10/15	3605.34	--	31.81	--	3573.53
	07/27/15	3605.34	--	31.90	--	3573.44
MW-19	03/10/15	3606.69	--	Dry	--	Dry

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	07/27/15	3606.69	--	Dry	--	Dry
MW-20	03/10/15	3606.50	--	Dry	--	Dry
	07/27/15	3606.50	--	Dry	--	Dry
MW-21	03/10/15	3603.51	--	29.13	--	3574.38
	07/27/15	3603.51	--	29.36	--	3574.15
MW-22	03/10/15	3603.27	--	28.84	--	3574.43
	07/27/15	3603.27	--	28.80	--	3574.47
MW-23	03/10/15	3604.62	--	29.66	--	3574.96
	07/27/15	3604.62	--	29.70	--	3574.92
MW-24	03/10/15	3608.89	--	33.35	--	3575.54
	07/27/15	3608.89	--	33.46	--	3575.43
MW-25	03/10/15	3609.81	--	34.20	--	3575.61
	07/27/15	3609.81	--	34.30	--	3575.51
MW-26	03/10/15	3604.86	--	29.85	--	3575.01
MW-26	07/27/15	3604.86	--	29.90	--	3574.96
MW-27	03/10/15	3604.99	--	29.97	--	3575.02
	07/27/15	3604.99	--	30.01	--	3574.98
SVE-10	03/10/15	3605.12	--	Dry	--	Dry
	07/27/15	3605.12	--	28.60	--	3576.52

Notes:

- 1) ft - feet; fbgs - feet below ground surface; famsl = feet above mean sea level
- 2) LPH = Liquid Phase Hydrocarbon; -- indicates LPH not detected
- 3) Dry - indicates well was observed dry during gauging
- 4) Groundwater elevations in wells containing LPH were corrected with an assumption of specific gravity for LPH of 0.78 due to significant changes in observed LPH.

**Historical Groundwater Elevation Data
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MW-1	03/01/01	3606.28	24.19	27.14	2.95	3581.50
	06/25/01	3606.28	nm	nm		nm
	09/25/01	3606.28	nm	nm		nm
	12/11/01	3606.28	nm	nm		nm
	05/22/02	3606.28	25.39	27.85	2.46	3580.40
	04/18/05	3606.28	--	24.29	--	3581.99
	07/18/05	3606.28	--	24.31	--	3581.97
	10/17/05	3606.28	--	24.23	--	3582.05
	01/23/06	3606.28	--	24.42	--	3581.86
	04/24/06	3606.28	24.79	24.80	0.01	3581.49
	10/10/11	3606.28	27.95	29.92	1.97	3577.94
	05/30/12	3606.28	28.70	30.56	1.86	3577.21
	01/31/13	3606.28	29.30	30.90	1.60	3576.66
	02/07/13	3606.28	29.41	30.58	1.17	3576.64
	02/14/13	3606.28	29.30	30.90	1.60	3576.66
	03/07/13	3606.28	29.48	30.68	1.20	3576.56
	08/22/13	3606.28	29.94	31.20	1.26	3576.09
	09/19/13	3606.28	30.23	30.53	0.30	3575.98
	10/03/13	3606.28	30.22	30.58	0.36	3575.98
	10/31/13	3606.28	30.06	31.42	1.36	3575.92
	01/08/14	3606.28	30.09	31.94	1.85	3575.78
	03/10/14	3606.28	30.20	32.09	1.89	3575.66
	03/25/14	3606.28	30.18	32.15	1.97	3575.67
	04/02/14	3606.28	30.22	32.23	2.01	3575.62
	04/16/14	3606.28	30.25	32.22	1.97	3575.60
	04/28/14	3606.28	30.30	32.27	1.97	3575.55
	05/15/14	3606.28	30.36	32.29	1.93	3575.50
	05/28/14	3606.28	30.44	32.15	1.71	3575.46
	06/09/14	3606.28	30.48	32.20	1.72	3575.42
	07/29/14	3606.28	30.60	32.38	1.78	3575.29
	08/06/14	3606.28	30.68	32.39	1.71	3575.22
	08/19/14	3606.28	30.63	32.38	1.75	3575.27
	09/03/14	3606.28	30.74	32.48	1.74	3575.16
	10/01/14	3606.28	30.49	32.07	1.58	3575.44
	10/30/14	3606.28	30.46	32.10	1.64	3575.46
	11/19/14	3606.28	30.34	32.02	1.68	3575.57
	11/24/14	3606.28	30.60	31.52	0.92	3575.48
	12/10/14	3606.28	30.56	31.53	0.97	3575.51
	01/20/15	3606.28	30.52	31.50	0.98	3575.54
	02/24/15	3606.28	30.48	31.41	0.93	3575.60
	02/25/15	3606.28	30.63	31.17	0.54	3575.53

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	02/26/15	3606.28	30.65	31.18	0.53	3575.51
	02/27/15	3606.28	30.64	31.19	0.55	3575.52
	04/23/15	3606.28	30.69	31.42	0.73	3575.43
	04/24/15	3606.28	30.84	30.91	0.07	3575.42
	04/27/15	3606.28	30.91	31.01	0.10	3575.35
	05/15/15	3606.28	30.92	31.09	0.17	3575.32
	06/08/15	3606.28	30.89	31.05	0.16	3575.35
	07/09/15	3606.28	30.81	31.01	0.20	3575.43
	07/10/15	3606.28	30.86	30.91	0.05	3575.41
	07/27/15	3606.28	30.80	30.90	0.10	3575.46
	08/18/15	3606.28	30.78	30.94	0.16	3575.46
	09/29/15	3606.28	30.77	30.93	0.16	3575.47
	11/19/15	3606.28	30.55	30.77	0.22	3575.68
	11/20/15	3606.28	30.61	30.66	0.05	3575.66
	11/23/15	3606.28	30.62	30.67	0.05	3575.65
MW-2 (RW-1)	03/01/01	3606.45	24.29	26.88	2.59	3581.64
	06/25/01	3606.45	25.73	26.67	0.94	3580.53
	09/25/01	3606.45	26.04	26.59	0.55	3580.30
	12/11/01	3606.45	25.73	28.20	2.47	3580.23
MW-2 (RW-1)	05/22/02	3606.45	26.33	28.00	1.67	3579.79
	11/05/02	3606.45	24.67	28.73	4.06	3580.97
	02/25/03	3606.45	26.55	29.30	2.75	3579.35
	04/09/03	3606.45	26.41	28.41	2.00	3579.64
	06/25/03	3606.45	26.58	28.55	1.97	3579.48
	09/11/03	3606.45	26.62	28.60	1.98	3579.43
	11/05/03	3606.45	26.95	28.74	1.79	3579.14
	01/19/04	3606.45	27.35	28.42	1.07	3578.89
	04/20/04	3606.45	27.47	28.24	0.77	3578.83
	07/20/04	3606.45	27.74	28.97	1.23	3578.46
	10/25/04	3606.45	25.20	25.39	0.19	3581.21
	01/24/05	3606.45	--	25.42	--	3581.03
	02/14/05	3606.45	--	25.35	--	3581.10
	03/02/05	3606.45	--	25.31	--	3581.14
	03/08/05	3606.45	--	25.28	--	3581.17
	03/23/05	3606.45	--	25.21	--	3581.24
	04/18/05	3606.45	25.10	25.11	0.01	3581.35
	05/09/05	3606.45	--	25.12	--	3581.33
	06/10/05	3606.45	--	25.08	--	3581.37
	07/18/05	3606.45	25.09	25.10	0.01	3581.36
	10/17/05	3606.45	24.88	25.00	0.12	3581.55

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MW-2 (RW-1)	12/28/05	3606.45	--	25.15	--	3581.30
	01/10/06	3606.45	25.19	25.20	0.01	3581.26
	01/23/06	3606.45	25.17	25.21	0.04	3581.27
	04/24/06	3606.45	25.56	25.58	0.02	3580.89
	07/24/06	3606.45	25.91	25.95	0.04	3580.53
	10/23/06	3606.45	--	25.79	--	3580.66
	01/23/07	3606.45	25.82	25.83	0.01	3580.63
	04/23/07	3606.45	26.11	26.27	0.16	3580.31
	07/23/07	3606.45	26.25	26.38	0.13	3580.17
	10/22/07	3606.45	26.29	26.38	0.09	3580.14
	01/28/08	3606.45	26.32	26.39	0.07	3580.12
	04/21/08	3606.45	26.54	26.62	0.08	3579.89
	07/21/08	3606.45	26.83	26.91	0.08	3579.60
	10/20/08	3606.45	27.00	27.11	0.11	3579.43
	01/19/09	3606.45	--	27.25	--	3579.20
	04/20/09	3606.45	27.48	27.49	0.01	3578.97
	07/27/09	3606.45	--	27.78	--	3578.67
	10/26/09	3606.45	--	27.95	--	3578.50
	01/25/10	3606.45	--	28.16	--	3578.29
	04/26/10	3606.45	28.10	29.34	1.24	3578.10
	07/26/10	3606.45	27.86	28.95	1.09	3578.37
	10/25/10	3606.45	27.78	27.87	0.09	3578.65
	01/24/11	3606.45	28.32	29.60	1.28	3577.87
	03/01/11	3606.45	--	29.88	--	3576.57
	04/04/11	3606.45	28.51	30.12	1.61	3577.62
	04/05/11	3606.45	28.56	29.81	1.25	3577.64
	04/11/11	3606.45	28.58	29.98	1.40	3577.59
	04/18/11	3606.45	28.58	30.05	1.47	3577.58
	04/25/11	3606.45	28.56	30.07	1.51	3577.59
	05/02/11	3606.45	28.71	29.83	1.12	3577.52
	05/03/11	3606.45	28.70	29.70	1.00	3577.55
	05/09/11	3606.45	28.64	29.97	1.33	3577.54
	05/31/11	3606.45	28.66	30.16	1.50	3577.49
	06/06/11	3606.45	28.67	30.12	1.45	3577.49
	10/10/11	3606.45	28.80	30.17	1.37	3577.38
	05/30/12	3606.45	30.05	30.30	0.25	3576.35
	02/27/13	3606.45	30.40	31.95	1.55	3575.74
	03/07/13	3606.45	30.13	31.70	1.57	3576.01
	03/14/13	3606.45	30.43	31.99	1.56	3575.71
	03/19/13	3606.45	30.43	32.05	1.62	3575.70
	04/05/13	3606.45	30.48	32.05	1.57	3575.66

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Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	04/10/13	3606.45	30.43	32.00	1.57	3575.71
	04/18/13	3606.45	30.51	32.00	1.49	3575.64
	04/25/13	3606.45	30.53	32.05	1.52	3575.62
	05/09/13	3606.45	30.60	32.16	1.56	3575.54
	05/13/13	3606.45	30.35	31.89	1.54	3575.79
	05/23/13	3606.45	30.62	32.17	1.55	3575.52
	05/30/13	3606.45	30.63	32.20	1.57	3575.51
	06/07/13	3606.45	30.68	32.21	1.53	3575.46
	06/13/13	3606.45	30.41	31.97	1.56	3575.73
	06/27/13	3606.45	30.45	32.01	1.56	3575.69
	07/02/13	3606.45	30.63	32.20	1.57	3575.51
	07/11/13	3606.45	30.77	32.32	1.55	3575.37
	07/23/13	3606.45	31.14	31.19	0.05	3575.30
	08/22/13	3606.45	31.21	31.29	0.08	3575.22
	09/19/13	3606.45	31.31	31.33	0.02	3575.14
	10/03/13	3606.45	31.28	31.30	0.02	3575.17
	10/31/13	3606.45	31.32	31.50	0.18	3575.09
	11/14/13	3606.45	31.30	31.74	0.44	3575.05
	11/27/13	3606.28	31.30	31.85	0.55	3574.86
	12/11/13	3606.45	31.20	31.21	0.01	3575.25
	12/24/13	3606.45	31.20	31.22	0.02	3575.25
	01/08/14	3606.45	31.52	31.52	0.00	3574.93
	03/10/14	3606.45	31.44	32.30	0.86	3574.82
	03/25/14	3606.45	31.41	32.33	0.92	3574.84
	04/02/14	3606.45	31.41	32.54	1.13	3574.79
	04/16/14	3606.45	31.45	32.17	0.72	3574.84
	04/28/14	3606.45	31.50	32.64	1.14	3574.70
	05/15/14	3606.45	31.52	32.70	1.18	3574.67
	05/28/14	3606.45	31.66	32.31	0.65	3574.65
	06/09/14	3606.45	31.66	32.40	0.74	3574.63
	07/29/14	3606.45	31.78	32.78	1.00	3574.45
	08/06/14	3606.45	31.90	32.89	0.99	3574.33
	08/19/14	3606.45	31.79	32.86	1.07	3574.42
	09/03/14	3606.45	31.89	32.90	1.01	3574.34
	10/01/14	3606.45	31.63	32.43	0.80	3574.64
	10/30/14	3606.45	31.64	32.47	0.83	3574.63
	11/19/14	3606.45	31.26	32.15	0.89	3574.99
	11/24/14	3606.45	--	31.79	--	3574.66
	12/10/14	3606.45	--	31.78	--	3574.67
	01/08/15	3606.45	31.75	31.76	0.01	3574.70
	01/20/15	3606.45	--	31.74	--	3574.71

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	02/24/15	3606.45	31.69	31.75	0.06	3574.75
	02/25/15	3606.45	31.76	31.78	0.02	3574.69
	02/26/15	3606.45	31.77	31.78	0.01	3574.68
	02/27/15	3606.45	31.76	31.78	0.02	3574.69
	03/10/15	3606.45	31.76	31.80	0.04	3574.68
	04/23/15	3606.45	31.83	31.97	0.14	3574.59
	04/24/15	3606.45	31.88	31.90	0.02	3574.57
	05/15/15	3606.45	31.95	32.05	0.10	3574.48
	06/08/15	3606.45	31.94	32.03	0.09	3574.49
	07/09/15	3606.45	31.85	31.92	0.07	3574.58
	07/10/15	3606.45	31.92	31.93	0.01	3574.53
	07/27/15	3606.45	31.81	31.82	0.01	3574.64
	08/18/15	3606.45	31.83	31.84	0.01	3574.62
	09/29/15	3606.45	--	32.84	--	3573.61
	11/19/15	3606.45	31.63	31.66	0.03	3574.81
	11/20/15	3606.45	--	31.38	--	3575.07
	11/23/15	3606.45	31.67	31.68	0.01	3574.78
MW-3 (RW-3)	03/01/01	3606.33	24.19	26.92	2.73	3581.59
	06/25/01	3606.33	24.91	27.01	2.10	3581.00
	09/25/01	3606.33	25.09	27.52	2.43	3580.75
	12/11/01	3606.33	25.29	27.70	2.41	3580.56
	11/05/02	3606.33	26.13	28.14	2.01	3579.80
	02/25/03	3606.33	26.34	29.55	3.21	3579.35
	04/09/03	3606.33	26.24	29.02	2.78	3579.53
	06/25/03	3606.33	26.47	28.06	1.59	3579.54
	09/11/03	3606.33	26.89	28.72	1.83	3579.07
	11/05/03	3606.33	26.85	28.45	1.60	3579.16
	01/19/04	3606.33	26.95	28.86	1.91	3579.00
	04/20/04	3606.33	27.19	28.64	1.45	3578.85
	07/20/04	3606.33	27.26	28.53	1.27	3578.82
	10/25/04	3606.33	25.77	25.78	0.01	3580.56
	01/24/05	3606.33	24.91	24.93	0.02	3581.42
	02/14/05	3606.33	--	24.83	--	3581.50
	03/02/05	3606.33	--	24.78	--	3581.55
	03/08/05	3606.33	--	24.76	--	3581.57
	03/23/05	3606.33	--	24.69	--	3581.64
	04/18/05	3606.33	24.55	24.56	0.01	3581.78
	05/09/05	3606.33	--	24.58	--	3581.75
	06/10/05	3606.33	--	24.56	--	3581.77
	07/18/05	3606.33	24.55	24.57	0.02	3581.78

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-3 (RW-3)	10/17/05	3606.33	--	24.47	--	3581.86
	12/28/05	3606.33	--	24.63	--	3581.70
	01/10/06	3606.33	--	24.69	--	3581.64
	01/23/06	3606.33	24.47	24.66	0.19	3581.82
	04/24/06	3606.33	25.03	25.10	0.07	3581.29
	07/24/06	3606.33	25.38	25.39	0.01	3580.95
	10/23/06	3606.33	25.27	25.28	0.01	3581.06
	01/23/07	3606.33	25.31	25.32	0.01	3581.02
	04/23/07	3606.33	25.61	25.65	0.04	3580.71
	07/23/07	3606.33	25.74	25.77	0.03	3580.58
	10/22/07	3606.33	25.77	25.78	0.01	3580.56
	01/28/08	3606.33	25.81	25.82	0.01	3580.52
	04/21/08	3606.33	--	26.05	--	3580.28
	07/21/08	3606.33	--	26.34	--	3579.99
	10/20/08	3606.33	--	26.61	--	3579.72
	01/19/09	3606.33	26.75	26.76	0.01	3579.58
	04/20/09	3606.33	26.99	27.00	0.01	3579.34
	07/27/09	3606.33	--	27.29	--	3579.04
	10/26/09	3606.33	--	27.45	--	3578.88
	01/25/10	3606.33	--	27.58	--	3578.75
	04/26/10	3606.33	--	27.89	--	3578.44
	07/26/10	3606.33	--	27.63	--	3578.70
	10/25/10	3606.33	27.43	27.45	0.02	3578.90
	01/24/11	3606.33	28.08	28.09	0.01	3578.25
	04/18/11	3606.33	28.09	28.10	0.01	3578.24
	10/10/11	3606.33	--	28.60	--	3577.73
	05/30/12	3606.33	--	29.36	--	3576.97
	02/27/13	3606.33	29.92	30.39	0.47	3576.32
	03/07/13	3606.33	29.92	30.41	0.49	3576.31
	07/23/13	3606.33	30.31	30.87	0.56	3575.91
	03/10/14	3606.33	30.81	31.28	0.47	3575.42
	03/25/14	3606.33	30.82	31.35	0.53	3575.39
	04/02/14	3606.33	30.84	31.36	0.52	3575.38
	04/16/14	3606.33	30.85	31.41	0.56	3575.36
	04/28/14	3606.33	30.91	31.44	0.53	3575.30
	05/15/14	3606.33	30.95	31.46	0.51	3575.27
	05/28/14	3606.33	31.01	31.48	0.47	3575.22
	06/09/14	3606.33	31.02	31.55	0.53	3575.19
	07/29/14	3606.33	31.17	31.72	0.55	3575.04
	08/06/14	3606.33	31.20	31.72	0.52	3575.02
	08/19/14	3606.33	31.19	31.74	0.55	3575.02

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	09/03/14	3606.33	31.32	31.78	0.46	3574.91
	10/01/14	3606.33	31.07	31.33	0.26	3575.20
	10/30/14	3606.33	31.06	31.35	0.29	3575.21
	11/19/14	3606.33	30.90	31.31	0.41	3575.34
	11/24/14	3606.33	--	31.06	--	3575.27
	12/10/14	3606.33	--	31.06	--	3575.27
	01/20/15	3606.33	--	31.01	--	3575.32
	02/24/15	3606.33	30.95	30.98	0.03	3575.37
	02/25/15	3606.33	--	31.00	--	3575.33
	02/26/15	3606.33	--	31.00	--	3575.33
	02/27/15	3606.33	30.99	31.00	0.01	3575.34
	03/10/15	3606.33	--	31.00	--	3575.33
	04/23/15	3606.33	--	31.08	--	3575.25
	04/24/15	3606.33	--	31.13	--	3575.20
	04/27/15	3606.33	--	31.22	--	3575.11
	05/15/15	3606.33	31.20	31.21	0.01	3575.13
	06/08/15	3606.33	--	31.18	--	3575.15
	07/09/15	3606.33	--	31.10	--	3575.23
	07/10/15	3606.33	--	31.12	--	3575.21
	07/27/15	3606.33	--	31.06	--	3575.27
	08/18/15	3606.33	--	31.05	--	3575.28
	09/29/15	3607.33	--	31.04	--	3576.29
	11/19/15	3606.33	--	30.83	--	3575.50
	11/20/15	3606.33	--	30.87	--	3575.46
	11/23/15	3606.33	--	30.88	--	3575.45
MW-4 (SVE-1)	03/01/01	3606.69	--	24.60	--	3582.09
	06/25/01	3606.69	--	25.14	--	3581.55
	09/25/01	3606.69	--	25.36	--	3581.33
	12/11/01	3606.69	--	24.54	--	3582.15
	05/21/02	3606.69	--	25.95	--	3580.74
	06/08/02	3606.69	--	26.00	--	3580.69
	06/15/02	3606.69	--	26.00	--	3580.69
	10/15/02	3606.37	--	26.86	--	3579.51
	10/25/02	3606.37	--	26.90	--	3579.47
	10/26/02	3606.37	--	26.89	--	3579.48
	11/04/02	3606.37	--	26.86	--	3579.51
	11/05/02	3606.37	--	26.80	--	3579.57
	12/16/02	3606.37	--	26.80	--	3579.57
	01/22/03	3606.37	--	26.68	--	3579.69
	02/14/03	3606.37	--	26.88	--	3579.49

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-4 (SVE-1)	02/24/03	3606.37	--	26.90	--	3579.47
	04/07/03	3606.37	--	27.00	--	3579.37
	04/24/03	3606.37	--	26.98	--	3579.39
	07/15/03	3606.37	--	27.09	--	3579.28
	09/11/03	3606.37	--	27.23	--	3579.14
	10/15/03	3606.37	--	27.25	--	3579.12
	01/19/04	3606.37	--	27.71	--	3578.66
	04/19/04	3606.37	--	27.64	--	3578.73
	07/20/04	3606.37	--	27.90	--	3578.47
	10/25/04	3606.37	--	26.21	--	3580.16
	01/24/05	3606.37	--	25.42	--	3580.95
	04/18/05	3606.37	--	25.10	--	3581.27
	07/18/05	3606.37	--	25.06	--	3581.31
	10/17/05	3606.37	--	24.90	--	3581.47
	01/23/06	3606.37	--	25.11	--	3581.26
	04/24/06	3606.37	--	25.47	--	3580.90
	07/24/06	3606.37	--	25.82	--	3580.55
	10/23/06	3606.37	--	25.69	--	3580.68
	01/23/07	3606.37	--	25.76	--	3580.61
	04/23/07	3606.37	--	26.05	--	3580.32
	07/23/07	3606.37	--	26.18	--	3580.19
	10/22/07	3606.37	--	26.25	--	3580.12
	01/28/08	3606.37	--	26.28	--	3580.09
	04/21/08	3606.37	--	26.47	--	3579.90
	07/21/08	3606.37	--	26.74	--	3579.63
	10/20/08	3606.37	--	27.15	--	3579.22
	01/19/09	3606.37	--	27.27	--	3579.10
	04/20/09	3606.37	--	27.50	--	3578.87
	07/27/09	3606.37	--	27.80	--	3578.57
	10/26/09	3606.37	--	27.94	--	3578.43
	01/25/10	3606.37	--	28.12	--	3578.25
	04/26/10	3606.37	--	28.39	--	3577.98
	07/26/10	3606.37	--	28.12	--	3578.25
	10/25/10	3606.37	--	28.02	--	3578.35
	01/24/11	3606.37	--	28.32	--	3578.05
	04/18/11	3606.37	--	28.62	--	3577.75
	10/10/11	3606.37	--	29.08	--	3577.29
	05/30/12	3606.37	--	29.78	--	3576.59
	02/27/13	3606.37	--	30.46	--	3575.91
	07/23/13	3606.37	--	30.85	--	3575.52
	03/25/14	3606.37	--	Dry	--	Dry

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	07/29/14	3606.37	--	Dry	--	Dry
	02/24/15	3606.37	--	31.49	--	3574.88
	03/11/15	3606.37	--	31.57	--	3574.80
	07/27/15	3606.37	--	31.70	--	3574.67
MW-5 (SVE-2)	03/01/01	3605.52	--	24.03	--	3581.49
	06/25/01	3605.52	--	24.23	--	3581.29
	09/25/01	3605.52	--	24.48	--	3581.04
	12/11/01	3605.52	--	24.68	--	3580.84
	05/21/02	3605.52	--	25.12	--	3580.40
	06/08/02	3605.52	--	25.13	--	3580.39
	06/15/02	3605.52	--	25.13	--	3580.39
	10/15/02	3604.90	--	26.20	--	3578.70
	10/25/02	3604.90	--	26.19	--	3578.71
	10/26/02	3604.90	--	26.21	--	3578.69
	11/04/02	3604.90	--	26.08	--	3578.82
	11/05/02	3604.90	--	26.02	--	3578.88
	12/16/02	3604.90	--	26.06	--	3578.84
	01/22/03	3604.90	--	25.81	--	3579.09
	02/08/03	3604.90	--	25.91	--	3578.99
	02/14/03	3604.90	--	25.89	--	3579.01
	02/24/03	3604.90	--	25.96	--	3578.94
	04/07/03	3604.90	--	26.06	--	3578.84
	04/24/03	3604.90	--	26.05	--	3578.85
	07/15/03	3604.90	--	26.38	--	3578.52
	09/11/03	3604.90	--	26.43	--	3578.47
	10/15/03	3604.90	--	26.70	--	3578.20
	01/19/04	3604.90	--	27.06	--	3577.84
	04/19/04	3604.90	--	26.93	--	3577.97
	07/20/04	3604.90	--	27.17	--	3577.73
	10/25/04	3604.90	--	25.22	--	3579.68
	01/24/05	3604.90	--	24.52	--	3580.38
	04/18/05	3604.90	--	24.11	--	3580.79
	07/18/05	3604.90	--	24.18	--	3580.72
	10/17/05	3604.90	--	24.00	--	3580.90
	01/23/06	3604.90	--	24.24	--	3580.66
	04/24/06	3604.90	--	24.66	--	3580.24
MW-5 (SVE-2)	07/24/06	3604.90	--	25.03	--	3579.87
	10/23/06	3604.90	--	24.91	--	3579.99
	01/23/07	3604.90	--	24.90	--	3580.00
	04/23/07	3604.90	--	25.22	--	3579.68

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

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	07/23/07	3604.90	--	25.35	--	3579.55
	10/22/07	3604.90	--	25.35	--	3579.55
	01/28/08	3604.90	--	25.38	--	3579.52
	04/21/08	3604.90	--	25.64	--	3579.26
	07/21/08	3604.90	--	25.95	--	3578.95
	10/20/08	3604.90	--	26.21	--	3578.69
	01/19/09	3604.90	--	26.23	--	3578.67
	04/20/09	3604.90	--	26.59	--	3578.31
	07/27/09	3604.90	--	26.78	--	3578.12
	10/26/09	3604.90	--	26.92	--	3577.98
	01/25/10	3604.90	--	27.22	--	3577.68
	04/26/10	3604.90	--	27.45	--	3577.45
	07/26/10	3604.90	--	27.21	--	3577.69
	10/25/10	3604.90	--	26.89	--	3578.01
	01/24/11	3604.90	--	27.34	--	3577.56
	04/18/11	3604.90	--	27.72	--	3577.18
	10/10/11	3604.90	--	28.25	--	3576.65
	05/30/12	3604.90	--	29.01	--	3575.89
	02/27/13	3604.90	--	29.69	--	3575.21
	07/23/13	3604.90	--	30.11	--	3574.79
	03/25/14	3604.90	--	Dry	--	Dry
	07/29/14	3604.90	--	Dry	--	Dry
	02/24/15	3604.90	--	30.63	--	3574.27
	03/10/15	3604.90	--	Dry	--	Dry
	07/27/15	3604.90	--	Dry	--	Dry
MW-6 (RW-4)	03/01/01	3606.14	24.51	25.54	1.03	3581.42
	06/25/01	3606.14	24.42	26.88	2.46	3581.23
	09/25/01	3606.14	25.93	25.96	0.03	3580.20
	12/11/01	3606.14	25.66	27.64	1.98	3580.08
	06/25/03	3606.14	26.78	28.31	1.53	3579.05
	09/11/03	3606.14	26.83	28.46	1.63	3578.98
	11/05/03	3606.14	27.19	28.02	0.83	3578.78
	01/19/04	3606.14	27.36	28.41	1.05	3578.57
	04/20/04	3606.14	27.63	27.96	0.33	3578.44
	07/20/04	3606.14	28.01	28.38	0.37	3578.06
	10/25/04	3606.14	26.21	26.22	0.01	3579.93
	01/24/05	3606.14	--	25.17	--	3580.97
	02/14/05	3606.14	--	25.11	--	3581.03
	03/02/05	3606.14	25.05	25.06	0.01	3581.09
	03/08/05	3606.14	--	25.02	--	3581.12

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-6 (RW-4)	03/23/05	3606.14	--	24.97	--	3581.17
	04/18/05	3606.14	--	24.86	--	3581.28
	05/09/05	3606.14	--	24.87	--	3581.27
	06/10/05	3606.14	--	24.83	--	3581.31
	07/18/05	3606.14	--	24.84	--	3581.30
	10/17/05	3606.14	--	24.75	--	3581.39
	12/28/05	3606.14	--	24.90	--	3581.24
	01/10/06	3606.14	--	24.96	--	3581.18
	01/23/06	3606.14	--	24.94	--	3581.20
	04/24/06	3606.14	25.30	25.31	0.01	3580.84
	07/24/06	3606.14	25.65	25.66	0.01	3580.49
	10/22/06	3606.14	25.53	25.54	0.01	3580.61
	01/23/07	3606.14	25.59	25.60	0.01	3580.55
	04/23/07	3606.14	--	25.88	--	3580.26
	07/23/07	3606.17	26.01	26.02	0.01	3580.16
	10/22/07	3606.17	26.06	26.07	0.01	3580.11
	01/28/08	3606.17	26.10	26.11	0.01	3580.07
	04/21/08	3606.17	--	26.32	--	3579.85
	07/21/08	3606.17	--	26.60	--	3579.57
	10/20/08	3606.17	--	26.83	--	3579.34
	01/19/09	3606.17	26.96	26.97	0.01	3579.21
	04/20/09	3606.17	--	27.20	--	3578.97
	07/27/09	3606.17	--	27.50	--	3578.67
	10/26/09	3606.17	--	27.64	--	3578.53
	01/25/10	3606.17	--	27.85	--	3578.32
	04/26/10	3606.17	--	28.08	--	3578.09
	07/26/10	3606.17	--	27.83	--	3578.34
	10/25/10	3606.17	--	27.64	--	3578.53
	01/24/11	3606.17	--	28.27	--	3577.90
	04/18/11	3606.17	--	28.30	--	3577.87
	10/10/11	3606.17	--	28.78	--	3577.39
	05/30/12	3606.17	--	29.43	--	3576.74
	02/27/13	3606.17	--	30.12	--	3576.05
	07/23/13	3606.17	--	30.50	--	3575.67
	03/25/14	3606.17	--	31.05	--	3575.12
	07/29/14	3606.17	--	31.31	--	3574.86
	02/24/15	3606.17	--	31.12	--	3575.05
	03/10/15	3606.17	--	31.18	--	3574.99
	07/27/15	3606.17	--	31.30	--	3574.87
MW-7	03/01/01	3605.50	23.73	26.61	2.88	3581.19

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
(RW-5)	06/25/01	3605.50	25.30	25.35	0.05	3580.19
	09/25/01	3605.50	25.41	26.05	0.64	3579.96
	05/22/02	3605.50	25.98	26.54	0.56	3579.41
	11/05/02	3605.50	25.44	28.68	3.24	3579.41
	02/25/03	3605.50	26.08	29.56	3.48	3578.72
	04/09/03	3605.50	26.28	29.18	2.90	3578.64
	06/25/03	3605.50	26.72	28.73	2.01	3578.38
	09/11/03	3605.50	26.73	29.08	2.35	3578.30
	11/05/03	3605.50	27.00	29.03	2.03	3578.09
	01/19/04	3605.50	27.00	29.77	2.77	3577.95
	04/20/04	3605.50	27.30	29.55	2.25	3577.75
	07/20/04	3605.50	27.47	29.11	1.64	3577.70
	10/25/04	3605.50	25.16	25.79	0.63	3580.21
	01/24/05	3605.50	25.10	25.12	0.02	3580.40
	02/14/05	3605.50	24.86	26.02	1.16	3580.41
	03/02/05	3605.50	24.62	26.49	1.87	3580.51
	03/08/05	3605.50	24.58	26.41	1.83	3580.55
	03/23/05	3605.50	24.45	26.56	2.11	3580.63
	04/18/05	3605.50	24.58	25.84	1.26	3580.67
	05/09/05	3605.50	24.54	26.14	1.60	3580.64
	06/10/05	3605.50	24.25	26.18	1.93	3580.86
	07/18/05	3605.50	24.75	25.47	0.72	3580.61
	10/17/05	3605.50	24.78	24.79	0.01	3580.72
	11/29/05	3605.50	--	24.94	--	3580.56
	12/06/05	3605.50	24.87	24.88	0.01	3580.63
	12/12/05	3605.50	24.91	24.92	0.01	3580.59
	12/21/05	3605.50	--	24.94	--	3580.56
	12/28/05	3605.50	--	24.95	--	3580.55
	01/04/06	3605.50	--	25.01	--	3580.49
	01/10/06	3605.50	--	25.01	--	3580.49
MW-7	01/16/06	3605.50	25.03	25.04	0.01	3580.47
(RW-5)	01/23/06	3605.50	24.99	25.01	0.02	3580.51
	02/01/06	3605.50	25.11	25.12	0.01	3580.39
	02/16/06	3605.50	25.18	25.19	0.01	3580.32
	03/06/06	3605.50	25.25	25.27	0.02	3580.25
	03/29/06	3605.50	25.33	25.34	0.01	3580.17
	04/04/06	3605.50	25.36	25.37	0.01	3580.14
	04/11/06	3605.50	25.41	25.42	0.01	3580.09
	04/17/06	3605.50	25.42	25.44	0.02	3580.08
	04/24/06	3605.50	25.36	25.39	0.03	3580.13
	05/03/06	3605.50	25.49	25.51	0.02	3580.01

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	05/31/06	3605.50	25.62	25.65	0.03	3579.87
	06/09/06	3605.50	25.66	25.71	0.05	3579.83
	06/12/06	3605.50	25.67	25.73	0.06	3579.82
	06/26/06	3605.50	25.74	25.84	0.10	3579.74
	07/05/06	3605.50	25.81	25.91	0.10	3579.67
	07/10/06	3605.50	25.61	25.92	0.31	3579.83
	07/17/06	3605.50	25.86	25.88	0.02	3579.64
	07/24/06	3605.50	25.75	25.79	0.04	3579.74
	08/02/06	3605.50	25.93	25.94	0.01	3579.57
	08/14/06	3605.50	25.96	25.99	0.03	3579.53
	08/28/06	3605.50	26.02	26.07	0.05	3579.47
	09/14/06	3605.50	25.91	25.92	0.01	3579.59
	09/21/06	3605.50	25.75	26.06	0.31	3579.69
	09/25/06	3605.50	25.76	26.15	0.39	3579.66
	10/02/06	3605.50	25.77	25.89	0.12	3579.71
	10/10/06	3605.50	25.77	25.89	0.12	3579.71
	10/16/06	3605.50	25.78	25.99	0.21	3579.68
	10/23/06	3605.50	25.60	25.80	0.20	3579.86
	10/30/06	3605.50	24.92	25.86	0.94	3580.39
	11/06/06	3605.50	25.73	26.01	0.28	3579.71
	11/21/06	3605.50	25.79	25.93	0.14	3579.68
	11/28/06	3605.50	25.74	25.95	0.21	3579.72
	12/05/06	3605.50	25.75	26.04	0.29	3579.69
	12/11/06	3605.50	25.75	26.11	0.36	3579.68
	12/18/06	3605.50	25.75	26.19	0.44	3579.66
	01/02/07	3605.50	25.83	26.16	0.33	3579.60
	01/08/07	3605.50	25.81	26.14	0.33	3579.62
	01/23/07	3605.50	25.61	26.06	0.45	3579.80
	02/05/07	3605.50	25.88	26.36	0.48	3579.52
	02/26/07	3605.50	25.92	26.57	0.65	3579.45
	03/05/07	3605.50	25.96	26.63	0.67	3579.41
	03/13/07	3605.50	26.02	26.37	0.35	3579.41
	03/19/07	3605.50	26.03	26.41	0.38	3579.39
	03/26/07	3605.50	26.06	26.48	0.42	3579.36
	04/02/07	3605.50	26.08	26.48	0.40	3579.34
	04/23/07	3605.50	25.92	26.43	0.51	3579.48
	05/01/07	3605.50	26.20	26.55	0.35	3579.23
	05/29/07	3605.50	26.21	26.59	0.38	3579.21
	06/04/07	3605.50	26.21	26.89	0.68	3579.15
	06/11/07	3605.50	26.23	26.61	0.38	3579.19
	06/18/07	3605.50	26.24	26.61	0.37	3579.19

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-7 (RW-5)	06/26/07	3605.50	26.00	26.39	0.39	3579.42
	07/09/07	3605.50	26.04	26.42	0.38	3579.38
	07/17/07	3605.50	26.04	26.35	0.31	3579.40
	07/23/07	3605.50	26.05	26.42	0.37	3579.38
	07/30/07	3605.50	26.07	26.31	0.24	3579.38
	08/07/07	3605.50	26.07	26.37	0.30	3579.37
	08/20/07	3605.50	26.10	26.41	0.31	3579.34
	08/27/07	3605.50	26.11	26.44	0.33	3579.32
	09/04/07	3605.50	26.12	26.43	0.31	3579.32
	09/10/07	3605.50	26.12	26.47	0.35	3579.31
	09/25/07	3605.50	26.21	26.43	0.22	3579.25
	10/02/07	3605.50	26.17	26.32	0.15	3579.30
	10/11/07	3605.50	26.20	26.34	0.14	3579.27
	10/22/07	3605.50	26.06	26.28	0.22	3579.40
	10/31/07	3605.50	26.14	26.27	0.13	3579.33
	11/12/07	3605.50	26.14	26.30	0.16	3579.33
	11/19/07	3605.50	26.14	26.33	0.19	3579.32
	12/05/07	3605.50	26.16	26.35	0.19	3579.30
	12/10/07	3605.50	26.16	26.35	0.19	3579.30
	12/20/07	3605.50	26.21	26.40	0.19	3579.25
	01/02/08	3605.50	26.29	26.47	0.18	3579.17
	01/07/08	3605.50	26.26	26.53	0.27	3579.19
	01/28/08	3605.50	26.14	26.37	0.23	3579.31
	02/12/08	3605.50	26.39	26.51	0.12	3579.09
	02/26/08	3605.50	26.43	26.54	0.11	3579.05
	04/21/08	3605.50	26.38	26.46	0.08	3579.10
	04/28/08	3605.50	26.61	26.63	0.02	3578.89
	05/20/08	3605.50	26.66	26.70	0.04	3578.83
	06/02/08	3605.50	26.70	26.73	0.03	3578.79
	06/09/08	3605.50	26.77	26.83	0.06	3578.72
	06/16/08	3605.50	26.75	26.78	0.03	3578.74
	06/30/08	3605.50	26.82	26.84	0.02	3578.68
	07/14/08	3605.50	26.88	26.90	0.02	3578.62
	07/21/08	3605.50	26.69	26.72	0.03	3578.80
	08/06/08	3605.50	26.96	27.02	0.06	3578.53
	08/18/08	3605.50	27.02	27.06	0.04	3578.47
	09/09/08	3605.50	--	27.06	--	3578.44
	09/15/08	3605.50	--	27.08	--	3578.42
	09/22/08	3605.50	--	27.11	--	3578.39
	09/29/08	3605.50	--	27.15	--	3578.35
	10/07/08	3605.50	--	27.20	--	3578.30

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-7 (RW-5)	10/20/08	3605.50	--	26.92	--	3578.58
	10/28/08	3605.50	--	27.22	--	3578.28
	11/07/08	3605.50	--	27.23	--	3578.27
	11/24/08	3605.50	--	27.22	--	3578.28
	12/01/08	3605.50	--	27.23	--	3578.27
	12/08/08	3605.50	--	27.24	--	3578.26
	12/24/08	3605.50	--	27.28	--	3578.22
	12/29/08	3605.50	--	27.29	--	3578.21
	01/06/09	3605.50	--	27.34	--	3578.16
	01/14/09	3605.50	--	27.29	--	3578.21
	01/19/09	3605.50	27.02	27.03	0.01	3578.48
	01/26/09	3605.50	--	27.37	--	3578.13
	02/10/09	3605.50	--	27.41	--	3578.09
	02/26/09	3605.50	--	27.43	--	3578.07
	03/02/09	3605.50	--	27.41	--	3578.09
	03/09/09	3605.50	--	27.45	--	3578.05
	03/16/09	3605.50	--	27.46	--	3578.04
	03/24/09	3605.50	--	27.50	--	3578.00
	03/30/09	3605.50	--	27.46	--	3578.04
	04/06/09	3605.50	--	27.50	--	3578.00
	04/14/09	3605.50	--	27.48	--	3578.02
	04/20/09	3605.50	27.28	27.29	0.01	3578.22
	04/28/09	3605.50	--	27.50	--	3578.00
	05/11/09	3605.50	--	27.54	--	3577.96
	05/26/09	3605.50	--	27.56	--	3577.94
	06/01/09	3605.50	--	27.60	--	3577.90
	06/09/09	3605.50	--	27.58	--	3577.92
	06/15/09	3605.50	--	27.65	--	3577.85
	06/29/09	3605.50	--	27.63	--	3577.87
	07/06/09	3605.50	--	27.68	--	3577.82
	07/14/09	3605.50	--	27.71	--	3577.79
	07/20/09	3605.50	--	27.55	--	3577.95
	07/27/09	3605.50	--	27.60	--	3577.90
	08/03/09	3605.50	--	27.79	--	3577.71
	08/12/09	3605.50	--	27.79	--	3577.71
	08/24/09	3605.50	--	27.79	--	3577.71
	08/31/09	3605.50	--	27.80	--	3577.70
	09/08/09	3605.50	--	27.75	--	3577.75
	09/16/09	3605.50	--	27.80	--	3577.70
	09/28/09	3605.50	--	27.78	--	3577.72
	10/05/09	3605.50	--	27.82	--	3577.68

**Historical Groundwater Elevation Data
Phillips 66 Company
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<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-7 (RW-5)	10/12/09	3605.50	--	27.85	--	3577.65
	10/26/09	3605.50	27.72	27.73	0.01	3577.78
	11/03/09	3605.50	--	27.93	--	3577.57
	11/10/09	3605.50	--	27.88	--	3577.62
	11/23/09	3605.50	--	27.90	--	3577.60
	11/30/09	3605.50	--	27.94	--	3577.56
	12/07/09	3605.50	--	27.93	--	3577.57
	12/22/09	3605.50	--	28.00	--	3577.50
	01/04/10	3605.50	--	28.00	--	3577.50
	01/11/10	3605.50	--	28.05	--	3577.45
	01/18/10	3605.50	--	28.02	--	3577.48
	01/25/10	3605.50	--	27.95	--	3577.55
	02/01/10	3605.50	--	28.06	--	3577.44
	02/08/10	3605.50	--	28.10	--	3577.40
	02/22/10	3605.50	--	28.09	--	3577.41
	03/01/10	3605.50	--	28.19	--	3577.31
	03/08/10	3605.50	--	28.25	--	3577.25
	03/22/10	3605.50	--	28.29	--	3577.21
	03/29/10	3605.50	--	28.30	--	3577.20
	04/05/10	3605.50	--	28.34	--	3577.16
	04/13/10	3605.50	--	28.32	--	3577.18
	04/19/10	3605.50	--	28.38	--	3577.12
	04/26/10	3605.50	--	28.18	--	3577.32
	05/03/10	3605.50	--	28.41	--	3577.09
	05/14/10	3605.50	--	28.46	--	3577.04
	05/20/10	3605.50	--	28.43	--	3577.07
	05/27/10	3605.50	--	28.44	--	3577.06
	06/01/10	3605.50	--	28.47	--	3577.03
	06/07/10	3605.50	--	28.49	--	3577.01
	06/15/10	3605.50	--	28.53	--	3576.97
	06/28/10	3605.50	--	28.50	--	3577.00
	07/06/10	3605.50	--	28.50	--	3577.00
	07/13/10	3605.50	--	28.33	--	3577.17
	07/19/10	3605.50	--	28.28	--	3577.22
	07/26/10	3605.50	--	27.91	--	3577.59
	08/09/10	3605.50	--	28.11	--	3577.39
	08/16/10	3605.50	--	28.07	--	3577.43
	08/30/10	3605.50	--	28.04	--	3577.46
	09/07/10	3605.50	--	27.99	--	3577.51
	09/13/10	3605.50	--	28.00	--	3577.50
	09/20/10	3605.50	--	27.95	--	3577.55

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	09/27/10	3605.50	--	27.99	--	3577.51
	10/04/10	3605.50	--	27.95	--	3577.55
	10/12/10	3605.50	--	27.99	--	3577.51
	10/19/10	3605.50	--	27.96	--	3577.54
	10/25/10	3605.50	27.70	27.71	0.01	3577.80
	11/01/10	3605.50	--	28.03	--	3577.47
	11/09/10	3605.50	--	28.03	--	3577.47
	11/22/10	3605.50	--	28.05	--	3577.45
	12/06/10	3605.50	--	28.13	--	3577.37
	12/13/10	3605.50	--	28.11	--	3577.39
	01/04/11	3605.50	--	28.29	--	3577.21
	01/10/11	3605.50	--	28.24	--	3577.26
	01/17/11	3605.50	--	28.28	--	3577.22
	01/24/11	3605.50	28.35	28.36	0.01	3577.15
	01/31/11	3605.50	--	28.32	--	3577.18
	02/07/11	3605.50	--	28.37	--	3577.13
	02/14/11	3605.50	--	28.46	--	3577.04
	03/01/11	3605.50	--	28.56	--	3576.94
	03/07/11	3605.50	--	28.55	--	3576.95
	03/21/11	3605.50	--	28.53	--	3576.97
	03/28/11	3605.50	--	28.60	--	3576.90
	04/18/11	3605.50	--	28.71	--	3576.79
	10/10/11	3605.50	--	28.92	--	3576.58
	05/30/12	3605.50	--	29.66	--	3575.84
	01/17/13	3605.50	--	30.19	--	3575.31
	01/24/13	3605.50	--	30.17	--	3575.33
	01/31/13	3605.50	--	30.20	--	3575.30
	02/07/13	3605.50	--	30.25	--	3575.25
	02/14/13	3605.50	--	30.20	--	3575.30
	02/27/13	3605.50	--	30.30	--	3575.20
	03/07/13	3605.50	--	30.33	--	3575.17
	03/14/13	3605.50	--	30.35	--	3575.15
	03/19/13	3605.50	--	30.36	--	3575.14
	04/05/13	3605.50	--	30.39	--	3575.11
	04/10/13	3605.50	--	30.40	--	3575.10
	04/18/13	3605.50	--	30.43	--	3575.07
	04/25/13	3605.50	--	30.42	--	3575.08
	05/02/13	3605.50	--	30.44	--	3575.06
	05/09/13	3605.50	--	30.48	--	3575.02
	05/13/13	3605.50	--	30.50	--	3575.00
	05/23/13	3605.50	--	30.50	--	3575.00

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-7 (RW-5)	05/30/13	3605.50	--	30.58	--	3574.92
	06/07/13	3605.50	--	30.56	--	3574.94
	06/13/13	3605.50	--	30.56	--	3574.94
	06/27/13	3605.50	--	30.64	--	3574.86
	07/02/13	3605.50	--	30.51	--	3574.99
	07/11/13	3605.50	--	30.66	--	3574.84
	07/23/13	3605.50	--	30.69	--	3574.81
	08/22/13	3605.50	--	30.78	--	3574.72
	09/19/13	3605.50	--	30.85	--	3574.65
	10/03/13	3605.50	--	30.87	--	3574.63
	10/31/13	3605.50	--	30.93	--	3574.57
	11/14/13	3605.50	--	31.00	--	3574.50
	11/27/13	3605.50	--	30.96	--	3574.54
	12/11/13	3605.50	--	30.98	--	3574.52
	12/24/13	3605.50	--	31.01	--	3574.49
	01/08/14	3605.50	--	31.06	--	3574.44
	03/10/14	3605.50	--	31.16	--	3574.34
	03/25/14	3605.50	--	31.20	--	3574.30
	04/02/14	3605.50	--	31.22	--	3574.28
	04/16/14	3605.50	--	31.26	--	3574.24
	04/28/14	3605.50	--	31.26	--	3574.24
	05/15/14	3605.50	--	31.30	--	3574.20
	05/28/14	3605.50	--	31.34	--	3574.16
	06/09/14	3605.50	--	31.37	--	3574.13
	07/29/14	3605.50	--	Dry	--	Dry
	08/06/14	3605.50	--	Dry	--	Dry
	08/19/14	3605.50	--	31.48	--	3574.02
	09/03/14	3605.50	--	Dry	--	Dry
	10/01/14	3605.50	--	31.45	--	3574.05
	10/30/14	3605.50	--	31.37	--	3574.13
	11/24/14	3606.50	--	31.35	--	3575.15
	12/10/14	3606.50	--	31.32	--	3575.18
	01/08/15	3606.50	--	31.27	--	3575.23
	01/20/15	3606.50	--	31.27	--	3575.23
	02/25/15	3606.50	--	31.29	--	3575.21
	03/10/15	3606.50	--	31.30	--	3575.20
	04/24/15	3606.50	--	31.50	--	3575.00
	05/15/15	3606.50	--	31.50	--	3575.00
	06/08/15	3606.50	31.46	31.47	0.01	3575.04
	07/27/15	3606.50	--	31.60	--	3574.90
	08/18/15	3606.50	--	31.34	--	3575.16

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	09/29/15	3607.50	--	31.33	--	3576.17
MW-8 (SVE-5)	03/01/01	3605.25	--	24.29	--	3580.96
	06/25/01	3605.25	--	25.54	--	3579.71
	09/25/01	3605.25	--	24.82	--	3580.43
	12/11/01	3605.25	--	25.03	--	3580.22
	05/21/02	3605.25	--	25.40	--	3579.85
	06/08/02	3605.25	--	25.45	--	3579.80
	06/15/02	3605.25	--	25.47	--	3579.78
	10/15/02	3604.92	--	26.25	--	3578.67
	10/25/02	3604.92	--	26.26	--	3578.66
	10/26/02	3604.92	--	26.25	--	3578.67
	11/04/02	3604.92	--	26.00	--	3578.92
	11/05/02	3604.92	--	25.99	--	3578.93
	12/16/02	3604.92	--	25.85	--	3579.07
	02/14/03	3604.92	25.90	25.91	0.01	3579.02
	02/24/03	3604.92	25.95	26.00	0.05	3578.96
	01/22/03	3604.92	--	25.70	--	3579.22
	04/07/03	3604.92	26.00	26.11	0.11	3578.90
	04/24/03	3604.92	26.01	26.11	0.10	3578.89
	06/25/03	3604.92	26.39	26.96	0.57	3578.42
	09/11/03	3604.92	26.58	27.13	0.55	3578.23
	11/05/03	3604.92	26.18	26.51	0.33	3578.67
	01/19/04	3604.92	27.00	27.59	0.59	3577.80
	04/20/04	3604.92	27.11	27.56	0.45	3577.72
	07/20/04	3604.92	27.06	27.40	0.34	3577.79
	10/25/04	3604.92	25.33	26.49	1.16	3579.36
	01/24/05	3604.92	24.22	25.16	0.94	3580.51
	02/14/05	3604.92	23.85	24.96	1.11	3580.85
	03/02/05	3604.92	23.78	24.87	1.09	3580.92
	03/08/05	3604.92	23.84	24.84	1.00	3580.88
	03/23/05	3604.92	23.80	24.81	1.01	3580.92
	04/18/05	3604.92	23.89	24.79	0.90	3580.85
	05/09/05	3604.92	23.62	24.59	0.97	3581.11
	06/10/05	3604.92	23.55	24.52	0.97	3581.18
	07/18/05	3604.92	23.99	24.81	0.82	3580.77
	10/17/05	3604.92	23.91	24.72	0.81	3580.85
	12/06/05	3604.92	23.92	24.68	0.76	3580.85
	12/12/05	3604.92	23.83	24.45	0.62	3580.97
	12/21/05	3604.92	24.06	24.86	0.80	3580.70
	12/28/05	3604.92	24.06	24.85	0.79	3580.70

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-8 (SVE-5)	01/04/06	3604.92	24.14	24.93	0.79	3580.62
	01/10/06	3604.92	24.15	24.93	0.78	3580.61
	01/16/06	3604.92	24.17	24.92	0.75	3580.60
	01/23/06	3604.92	24.13	24.96	0.83	3580.62
	02/01/06	3604.92	24.24	25.01	0.77	3580.53
	02/16/06	3604.92	24.32	25.08	0.76	3580.45
	03/06/06	3604.92	24.42	25.17	0.75	3580.35
	03/29/06	3604.92	24.52	25.27	0.75	3580.25
	04/04/06	3604.92	24.56	25.29	0.73	3580.21
	04/11/06	3604.92	24.60	25.34	0.74	3580.17
	04/17/06	3604.92	24.62	25.35	0.73	3580.15
	04/24/06	3604.92	24.55	25.39	0.84	3580.20
	05/03/06	3604.92	24.69	25.45	0.76	3580.08
	05/31/06	3604.92	24.83	25.92	1.09	3579.87
	06/09/06	3604.92	25.00	25.01	0.01	3579.92
	06/12/06	3604.92	25.03	25.04	0.01	3579.89
	06/26/06	3604.92	25.11	25.12	0.01	3579.81
	07/05/06	3604.92	25.18	25.19	0.01	3579.74
	07/10/06	3604.92	25.19	25.20	0.01	3579.73
	07/17/06	3604.92	25.16	25.18	0.02	3579.76
	07/24/06	3604.92	25.04	25.09	0.05	3579.87
	08/02/06	3604.92	25.23	25.28	0.05	3579.68
	08/14/06	3604.92	25.23	25.28	0.05	3579.68
	08/28/06	3604.92	25.33	25.38	0.05	3579.58
	09/14/06	3604.92	25.24	25.26	0.02	3579.68
	09/21/06	3604.92	25.70	25.75	0.05	3579.21
	09/25/06	3604.92	25.10	25.11	0.01	3579.82
	10/02/06	3604.92	25.81	25.82	0.01	3579.11
	10/10/06	3604.92	--	24.82	--	3580.10
	10/16/06	3604.92	25.08	25.14	0.06	3579.83
	10/23/06	3604.92	24.89	24.92	0.03	3580.02
	10/30/06	3604.92	25.00	25.01	0.01	3579.92
	11/06/06	3604.92	--	25.01	--	3579.91
	11/21/06	3604.92	--	25.03	--	3579.89
	11/28/06	3604.92	--	25.01	--	3579.91
	12/05/06	3604.92	--	25.01	--	3579.91
	12/11/06	3604.92	--	25.02	--	3579.90
	12/18/06	3604.92	--	25.04	--	3579.88
	01/02/07	3604.92	--	25.09	--	3579.83
	01/08/07	3604.92	--	25.04	--	3579.88
	01/23/07	3604.92	--	24.91	--	3580.01

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	02/05/07	3604.92	--	25.19	--	3579.73
	02/26/07	3604.92	25.23	25.24	0.01	3579.69
	03/05/07	3604.92	25.31	25.32	0.01	3579.61
	03/13/07	3604.92	25.34	25.35	0.01	3579.58
	03/19/07	3604.92	25.36	25.37	0.01	3579.56
	03/26/07	3604.92	25.40	25.41	0.01	3579.52
	04/02/07	3604.92	25.41	25.42	0.01	3579.51
	04/23/07	3604.92	25.23	25.24	0.01	3579.69
	05/01/07	3604.92	25.51	25.52	0.01	3579.41
	05/29/07	3604.92	25.53	25.54	0.01	3579.39
	06/04/07	3604.92	25.54	25.55	0.01	3579.38
	06/11/07	3604.92	--	25.56	--	3579.36
	06/18/07	3604.92	--	25.56	--	3579.36
	06/26/07	3604.92	--	25.29	--	3579.63
	07/09/07	3604.92	--	25.33	--	3579.59
	07/17/07	3604.92	--	25.33	--	3579.59
	07/23/07	3604.92	25.34	25.35	0.01	3579.58
	07/30/07	3604.92	--	25.34	--	3579.58
	08/07/07	3604.92	--	25.35	--	3579.57
	08/20/07	3604.92	--	25.37	--	3579.55
	08/27/07	3604.92	--	25.40	--	3579.52
	09/04/07	3604.92	--	25.41	--	3579.51
	09/10/07	3604.92	25.45	25.46	0.01	3579.47
	09/25/07	3604.92	25.45	25.46	0.01	3579.47
	10/02/07	3604.92	25.40	25.41	0.01	3579.52
	10/11/07	3604.92	25.40	25.41	0.01	3579.52
	10/22/07	3604.92	25.30	25.31	0.01	3579.62
	10/31/07	3604.92	--	25.36	--	3579.56
	11/12/07	3604.92	--	25.33	--	3579.59
	11/19/07	3604.92	--	25.35	--	3579.57
	12/05/07	3604.92	--	25.38	--	3579.54
	12/10/07	3604.92	--	25.44	--	3579.48
	12/20/07	3604.92	--	25.44	--	3579.48
	01/02/08	3604.92	--	25.51	--	3579.41
	01/07/08	3604.92	--	25.50	--	3579.42
	01/28/08	3604.92	25.39	25.40	0.01	3579.53
	02/12/08	3604.92	25.64	25.65	0.01	3579.28
	02/26/08	3604.92	25.69	25.70	0.01	3579.23
	04/21/08	3604.92	25.65	25.66	0.01	3579.27
	04/28/08	3604.92	--	25.84	--	3579.08
	05/20/08	3604.92	--	25.94	--	3578.98

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-8 (SVE-5)	06/02/08	3604.92	--	25.99	--	3578.93
	06/09/08	3604.92	26.05	26.08	0.03	3578.86
	06/16/08	3604.92	26.03	26.04	0.01	3578.89
	06/30/08	3604.92	--	26.11	--	3578.81
	07/14/08	3604.92	--	26.18	--	3578.74
	07/21/08	3604.92	25.98	26.04	0.06	3578.93
	08/06/08	3604.92	26.28	26.29	0.01	3578.64
	08/18/08	3604.92	26.33	26.39	0.06	3578.58
	09/09/08	3604.92	--	26.41	--	3578.51
	09/15/08	3604.92	--	26.42	--	3578.50
	09/22/08	3604.92	--	26.45	--	3578.47
	09/29/08	3604.92	--	26.49	--	3578.43
	10/07/08	3604.92	--	26.52	--	3578.40
	10/20/08	3604.92	26.23	26.27	0.04	3578.68
	10/28/08	3604.92	--	26.55	--	3578.37
	11/28/08	3604.92	--	26.54	--	3578.38
	12/01/08	3604.92	--	26.53	--	3578.39
	12/08/08	3604.92	--	26.54	--	3578.38
	12/24/08	3604.92	--	26.57	--	3578.35
	12/29/08	3604.92	--	26.60	--	3578.32
	01/06/09	3604.92	--	26.64	--	3578.28
	01/14/09	3604.92	--	26.63	--	3578.29
	01/19/09	3604.92	26.35	26.36	0.01	3578.57
	01/26/09	3604.92	--	26.68	--	3578.24
	02/10/09	3604.92	--	26.73	--	3578.19
	02/26/09	3604.92	--	26.75	--	3578.17
	03/02/09	3604.92	26.75	26.76	0.01	3578.17
	03/09/09	3604.92	--	26.78	--	3578.14
	03/16/09	3604.92	26.79	26.80	0.01	3578.13
	03/24/09	3604.92	--	26.82	--	3578.10
	03/30/09	3604.92	--	26.78	--	3578.14
	04/06/09	3604.92	--	26.84	--	3578.08
	04/14/09	3604.92	--	26.79	--	3578.13
	04/20/09	3604.92	26.61	26.62	0.01	3578.31
	04/28/09	3604.92	--	26.82	--	3578.10
	05/11/09	3604.92	--	26.89	--	3578.03
	05/26/09	3604.92	--	26.88	--	3578.04
	06/01/09	3604.92	--	26.95	--	3577.97
	06/09/09	3604.92	--	26.90	--	3578.02
	06/15/09	3604.92	--	26.98	--	3577.94
	06/29/09	3604.92	--	26.94	--	3577.98

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-8 (SVE-5)	07/06/09	3604.92	--	27.00	--	3577.92
	07/14/09	3604.92	--	27.07	--	3577.85
	07/20/09	3604.92	--	26.99	--	3577.93
	07/27/09	3604.92	--	26.95	--	3577.97
	08/03/09	3604.92	--	27.08	--	3577.84
	08/12/09	3604.92	--	27.15	--	3577.77
	08/24/09	3604.92	--	27.08	--	3577.84
	08/31/09	3604.92	--	27.14	--	3577.78
	09/08/09	3604.92	--	27.06	--	3577.86
	09/16/09	3604.92	--	27.13	--	3577.79
	09/28/09	3604.92	--	27.03	--	3577.89
	10/05/09	3604.92	--	27.15	--	3577.77
	10/12/09	3604.92	--	27.10	--	3577.82
	10/26/09	3604.92	--	27.05	--	3577.87
	11/03/09	3604.92	--	27.08	--	3577.84
	11/10/09	3604.92	--	27.19	--	3577.73
	11/23/09	3604.92	--	27.15	--	3577.77
	11/30/09	3604.92	--	27.26	--	3577.66
	12/07/09	3604.92	--	27.32	--	3577.60
	12/22/09	3604.92	--	27.35	--	3577.57
	01/04/10	3604.92	--	27.31	--	3577.61
	01/11/10	3604.92	--	27.39	--	3577.53
	01/18/10	3604.92	--	27.26	--	3577.66
	01/25/10	3604.92	--	27.30	--	3577.62
	02/01/10	3604.92	--	27.35	--	3577.57
	02/08/10	3604.92	--	27.39	--	3577.53
	02/22/10	3604.92	--	27.53	--	3577.39
	03/01/10	3604.92	--	27.19	--	3577.73
	03/08/10	3604.92	--	27.56	--	3577.36
	03/22/10	3604.92	--	27.80	--	3577.12
	03/29/10	3604.92	--	27.51	--	3577.41
	04/05/10	3604.92	--	27.64	--	3577.28
	04/13/10	3604.92	--	27.51	--	3577.41
	04/19/10	3604.92	--	27.68	--	3577.24
	04/26/10	3604.92	--	27.49	--	3577.43
	05/03/10	3604.92	--	27.75	--	3577.17
	05/14/10	3604.92	--	27.78	--	3577.14
	05/20/10	3604.92	--	27.75	--	3577.17
	05/27/10	3604.92	--	27.55	--	3577.37
	06/01/10	3604.92	--	27.78	--	3577.14
	06/07/10	3604.92	--	27.72	--	3577.20

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	06/15/10	3604.92	--	27.85	--	3577.07
	06/28/10	3604.92	--	27.75	--	3577.17
	07/06/10	3604.92	--	27.73	--	3577.19
	07/13/10	3604.92	--	27.63	--	3577.29
	07/19/10	3604.92	--	27.64	--	3577.28
	07/26/10	3604.92	--	27.27	--	3577.65
	08/09/10	3604.92	--	27.45	--	3577.47
	08/16/10	3604.92	--	27.38	--	3577.54
	08/30/10	3604.92	--	27.35	--	3577.57
	09/07/10	3604.92	--	27.27	--	3577.65
	09/13/10	3604.92	--	27.31	--	3577.61
	09/20/10	3604.92	--	27.21	--	3577.71
	09/27/10	3604.92	--	27.29	--	3577.63
	10/04/10	3604.92	--	27.21	--	3577.71
	10/12/10	3604.92	--	27.29	--	3577.63
	10/19/10	3604.92	--	27.22	--	3577.70
	10/25/10	3604.92	26.97	26.98	0.01	3577.95
	11/01/10	3604.92	--	27.22	--	3577.70
	11/09/10	3604.92	--	27.31	--	3577.61
	11/22/10	3604.92	--	27.30	--	3577.62
	12/06/10	3604.92	--	27.41	--	3577.51
	12/13/10	3604.92	--	27.34	--	3577.58
	01/04/11	3604.92	--	27.54	--	3577.38
	01/10/11	3604.92	--	27.44	--	3577.48
	01/17/11	3604.92	--	27.49	--	3577.43
	01/24/11	3604.92	--	27.67	--	3577.25
	01/31/11	3604.92	--	27.56	--	3577.36
	02/07/11	3604.92	--	27.62	--	3577.30
	02/14/11	3604.92	--	27.77	--	3577.15
	03/01/11	3604.92	--	27.75	--	3577.17
	03/07/11	3604.92	--	27.87	--	3577.05
	03/21/11	3604.92	--	27.79	--	3577.13
	03/28/11	3604.92	--	27.92	--	3577.00
	04/18/11	3604.92	--	28.01	--	3576.91
	10/10/11	3604.92	--	28.31	--	3576.61
	05/30/12	3604.92	--	29.07	--	3575.85
	01/17/13	3604.92	--	29.56	--	3575.36
	01/24/13	3604.92	--	29.57	--	3575.35
	01/31/13	3604.92	--	29.56	--	3575.36
	02/07/13	3604.92	--	29.62	--	3575.30
	02/14/13	3604.92	--	29.56	--	3575.36
	02/27/13	3604.92	--	29.66	--	3575.26

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-8 (SVE-5)	03/07/13	3604.92	--	29.69	--	3575.23
	03/14/13	3604.92	--	29.67	--	3575.25
	03/19/13	3604.92	--	29.72	--	3575.20
	04/05/13	3604.92	--	29.76	--	3575.16
	04/10/13	3604.92	--	29.07	--	3575.85
	04/18/13	3604.92	--	29.10	--	3575.82
	04/25/13	3604.92	--	29.77	--	3575.15
	05/02/13	3604.92	--	29.83	--	3575.09
	05/09/13	3604.92	--	29.87	--	3575.05
	05/13/13	3604.92	--	29.89	--	3575.03
	05/23/13	3604.92	--	29.89	--	3575.03
	05/30/13	3604.92	--	29.93	--	3574.99
	06/07/13	3604.92	--	29.93	--	3574.99
	06/13/13	3604.92	--	30.00	--	3574.92
	06/27/13	3604.92	--	29.83	--	3575.09
	07/02/13	3604.92	--	29.86	--	3575.06
	07/11/13	3604.92	--	30.08	--	3574.84
	07/23/13	3604.92	--	30.11	--	3574.81
	08/22/13	3604.92	--	29.86	--	3575.06
	09/19/13	3604.92	--	30.24	--	3574.68
	10/03/13	3604.92	--	30.18	--	3574.74
	10/31/13	3604.92	--	30.21	--	3574.71
	11/14/13	3604.92	--	30.32	--	3574.60
	11/27/13	3604.92	--	30.35	--	3574.57
	12/11/13	3604.92	--	30.31	--	3574.61
	12/24/13	3604.92	--	30.40	--	3574.52
	01/08/14	3605.50	--	31.06	--	3574.44
	03/10/14	3605.50	--	31.16	--	3574.34
	03/25/14	3605.50	--	31.20	--	3574.30
	04/02/14	3605.50	--	31.22	--	3574.28
	04/16/14	3605.50	--	31.26	--	3574.24
	04/28/14	3605.50	--	31.26	--	3574.24
	05/15/14	3605.50	--	31.30	--	3574.20
	05/28/14	3605.50	--	31.34	--	3574.16
	06/09/14	3605.50	--	31.37	--	3574.13
	07/29/14	3605.50	--	Dry	--	Dry
	08/06/14	3605.50	--	Dry	--	Dry
	08/19/14	3605.50	--	31.48	--	3574.02
	09/03/14	3605.50	--	Dry	--	Dry
	10/01/14	3605.50	--	31.45	--	3574.05
	10/30/14	3605.50	--	31.37	--	3574.13

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	11/24/14	3606.50	--	31.35	--	3575.15
	12/10/14	3606.50	--	31.32	--	3575.18
	01/08/15	3605.92	--	30.61	--	3575.31
	01/20/15	3605.92	--	30.60	--	3575.32
	02/25/15	3605.92	--	30.60	--	3575.32
	03/10/15	3605.92	--	30.61	--	3575.31
	04/24/15	3605.92	--	30.79	--	3575.13
	05/15/15	3605.92	--	30.83	--	3575.09
	06/08/15	3605.92	--	30.77	--	3575.15
	07/27/15	3605.92	--	30.68	--	3575.24
	08/18/15	3605.92	--	30.65	--	3575.27
	09/29/15	3606.92	--	30.60	--	3576.32
MW-9 (RW-2)	03/01/01	3605.75	23.68	26.82	3.14	3581.44
	06/25/01	3605.75	24.73	24.79	0.06	3581.01
	09/25/01	3605.75	25.90	26.28	0.38	3579.77
	12/11/01	3605.75	25.49	28.73	3.24	3579.61
	05/22/02	3605.75	26.19	27.64	1.45	3579.27
	11/05/02	3605.75	25.83	29.15	3.32	3579.26
	02/25/03	3605.75	26.38	28.62	2.24	3578.92
	04/09/03	3605.75	26.30	28.24	1.94	3579.06
	04/22/03	3605.75	26.30	28.95	2.65	3578.92
	06/25/03	3605.75	27.02	29.08	2.06	3578.32
	09/11/03	3605.75	27.22	29.25	2.03	3578.12
	11/05/03	3605.75	27.35	29.30	1.95	3578.01
	01/19/04	3605.75	28.50	29.94	1.44	3576.96
	04/20/04	3605.75	28.91	29.04	0.13	3576.81
	07/20/04	3605.75	28.58	30.09	1.51	3576.87
	10/25/04	3605.75	27.22	27.34	0.12	3578.51
	12/29/04	3605.75	26.44	26.45	0.01	3579.31
	01/24/05	3605.75	--	26.23	--	3579.52
	02/14/05	3605.75	--	26.13	--	3579.62
	03/02/05	3605.75	--	26.12	--	3579.63
	03/08/05	3605.75	--	26.09	--	3579.66
	03/23/05	3605.75	--	26.03	--	3579.72
	04/18/05	3605.75	--	25.90	--	3579.85
	05/09/05	3605.75	--	25.93	--	3579.82
	06/10/05	3605.75	--	25.91	--	3579.84
	07/18/05	3605.75	--	25.94	--	3579.81
	10/17/05	3605.75	--	25.85	--	3579.90
	12/28/05	3605.75	--	25.99	--	3579.76

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-9 (RW-2)	01/23/06	3605.75	26.03	26.04	0.01	3579.72
	04/24/06	3605.75	26.43	26.44	0.01	3579.32
	07/24/06	3605.75	26.79	26.80	0.01	3578.96
	10/23/06	3605.75	--	26.65	--	3579.10
	01/23/07	3605.75	--	26.69	--	3579.06
	04/23/07	3605.75	26.99	27.00	0.01	3578.76
	07/23/07	3605.75	27.13	27.14	0.01	3578.62
	10/22/07	3605.75	27.13	27.14	0.01	3578.62
	01/28/08	3605.75	27.18	27.19	0.01	3578.57
	04/21/08	3605.75	--	27.43	--	3578.32
	07/21/08	3605.75	--	27.72	--	3578.03
	10/20/08	3605.75	27.96	27.97	0.01	3577.79
	01/19/09	3605.75	--	28.12	--	3577.63
	04/20/09	3605.75	--	28.36	--	3577.39
	07/27/09	3605.75	--	28.62	--	3577.13
	10/26/09	3605.75	28.76	28.77	0.01	3576.99
	01/25/10	3605.75	28.75	30.03	1.28	3576.74
	04/26/10	3605.75	28.91	30.41	1.50	3576.54
	07/26/10	3605.75	28.56	30.12	1.56	3576.88
	10/25/10	3605.75	28.56	28.57	0.01	3577.19
	01/24/11	3605.75	29.18	30.52	1.34	3576.30
	03/01/11	3605.75	--	30.67	--	3575.08
	03/01/11	3605.75	--	30.67	--	3575.08
	04/04/11	3605.75	29.35	30.99	1.64	3576.07
	04/05/11	3605.75	29.47	30.45	0.98	3576.08
	04/11/11	3605.75	29.58	30.81	1.23	3575.92
	04/18/11	3605.75	29.59	30.90	1.31	3575.90
	04/25/11	3605.75	29.52	30.80	1.28	3575.97
	05/02/11	3605.75	29.55	30.84	1.29	3575.94
	05/03/11	3605.75	29.91	30.16	0.25	3575.79
	05/09/11	3605.75	29.66	30.83	1.17	3575.86
	05/31/11	3605.75	29.96	30.99	1.03	3575.58
	06/06/11	3605.75	29.71	31.03	1.32	3575.78
	10/10/11	3605.75	29.61	31.40	1.79	3575.78
	05/30/12	3605.75	30.44	31.64	1.20	3575.07
	02/07/13	3605.75	30.99	32.85	1.86	3574.39
	03/07/13	3605.75	31.01	32.85	1.84	3574.37
	03/14/13	3605.75	31.02	32.89	1.87	3574.36
	03/19/13	3605.75	31.47	31.48	0.01	3574.28
	04/05/13	3605.75	31.53	31.59	0.06	3574.21
	04/10/13	3605.75	31.50	31.59	0.09	3574.23
	04/18/13	3605.75	31.70	31.75	0.05	3574.04

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	04/25/13	3605.75	31.69	31.72	0.03	3574.05
	05/09/13	3605.75	30.72	30.76	0.04	3575.02
	05/13/13	3605.75	31.62	31.70	0.08	3574.11
	05/23/13	3605.75	31.62	31.67	0.05	3574.12
	05/30/13	3605.75	31.61	31.72	0.11	3574.12
	06/07/13	3605.75	31.75	31.83	0.08	3573.98
	06/13/13	3605.75	30.65	30.72	0.07	3575.09
	06/27/13	3605.75	31.08	31.18	0.10	3574.65
	07/02/13	3605.75	30.72	30.76	0.04	3575.02
	07/11/13	3605.75	31.78	31.84	0.06	3573.96
	07/23/13	3605.75	31.76	31.77	0.01	3573.99
	08/22/13	3605.75	31.79	31.97	0.18	3573.92
	09/19/13	3605.75	31.81	32.16	0.35	3573.86
	10/03/13	3605.75	31.81	32.22	0.41	3573.85
	10/31/13	3605.75	31.98	32.07	0.09	3573.75
	11/14/13	3605.75	32.07	32.13	0.06	3573.67
	11/27/13	3605.75	32.08	32.19	0.11	3573.65
	12/11/13	3605.75	33.12	33.15	0.03	3572.62
	12/24/13	3605.75	--	32.15	--	3573.60
	01/08/14	3605.75	--	32.12	--	3573.63
	03/10/14	3605.75	32.29	32.33	0.04	3573.45
	03/25/14	3605.75	32.20	32.29	0.09	3573.53
	04/02/14	3605.75	32.25	32.29	0.04	3573.49
	04/16/14	3605.75	32.30	32.37	0.07	3573.43
	04/28/14	3605.75	32.32	32.35	0.03	3573.42
	05/15/14	3605.75	32.38	32.41	0.03	3573.36
	05/28/14	3605.75	32.42	32.44	0.02	3573.33
	06/09/14	3605.75	32.45	32.47	0.02	3573.30
	07/29/14	3605.75	32.58	32.61	0.03	3573.16
	08/06/14	3605.75	32.62	32.64	0.02	3573.13
	08/19/14	3605.75	32.64	32.68	0.04	3573.10
	09/03/14	3605.75	32.72	32.74	0.02	3573.03
	10/01/14	3605.75	32.47	32.48	0.01	3573.28
	10/30/14	3605.75	32.41	32.42	0.01	3573.34
	11/19/14	3605.75	32.43	32.45	0.02	3573.32
	11/24/14	3605.75	--	32.43	--	3573.32
	12/10/14	3605.75	--	32.39	--	3573.36
	01/08/15	3605.75	32.36	32.37	0.01	3573.39
	01/20/15	3605.75	--	32.33	--	3573.42
	02/24/15	3605.75	32.34	32.36	0.02	3573.41
	02/25/15	3605.75	--	32.37	--	3573.38
	02/26/15	3605.75	--	32.37	--	3573.38
	02/27/15	3605.75	--	32.37	--	3573.38
	03/10/15	3605.75	32.35	32.36	0.01	3573.40
	04/23/15	3605.75	32.43	32.46	0.03	3573.31

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	04/24/15	3605.75	--	32.51	--	3573.24
	04/27/15	3605.75	--	32.58	--	3573.17
	05/15/15	3605.75	32.55	32.58	0.03	3573.19
	06/08/15	3605.75	32.51	32.55	0.04	3573.23
	07/09/15	3605.75	32.44	32.48	0.04	3573.30
	07/10/15	3605.75	--	32.52	--	3573.23
	07/27/15	3605.75	32.43	32.45	0.02	3573.32
	08/18/15	3605.75	32.41	32.43	0.02	3573.34
	09/29/15	3605.75	32.41	32.42	0.01	3573.34
	11/19/15	3605.75	32.21	32.24	0.03	3573.53
	11/20/15	3605.75	--	32.26	--	3573.49
	11/23/15	3605.75	--	32.23	--	3573.52
MW-10 (RW-6)	03/01/01	3604.94	23.53	25.57	2.04	3581.00
	06/25/01	3604.94	23.75	25.95	2.20	3580.75
	09/25/01	3604.94	--	24.47	--	3580.47
	12/11/01	3604.94	24.27	26.31	2.04	3580.26
	05/22/02	3604.94	25.00	25.50	0.50	3579.84
	11/05/02	3604.94	25.33	28.84	3.51	3578.91
	02/25/03	3604.94	25.26	28.41	3.15	3579.05
	04/09/03	3604.94	25.48	28.15	2.67	3578.93
	06/25/03	3604.94	25.96	27.73	1.77	3578.63
	09/11/03	3604.94	26.34	28.36	2.02	3578.20
	11/05/03	3604.94	26.20	28.17	1.97	3578.35
	01/19/04	3604.94	26.30	28.36	2.06	3578.23
	04/20/04	3604.94	26.53	28.49	1.96	3578.02
	07/20/04	3604.94	26.72	28.03	1.31	3577.96
	10/25/04	3604.94	25.24	26.36	1.12	3579.48
	01/24/05	3604.94	24.14	24.57	0.43	3580.71
	02/14/05	3604.94	23.99	24.96	0.97	3580.76
	03/02/05	3604.94	24.00	24.64	0.64	3580.81
	03/08/05	3604.94	23.97	24.61	0.64	3580.84
	03/23/05	3604.94	23.91	24.58	0.67	3580.90
MW-10 (RW-6)	04/18/05	3604.94	23.77	24.47	0.70	3581.03
	05/09/05	3604.94	23.82	24.51	0.69	3580.98
	06/10/05	3604.94	23.81	24.50	0.69	3580.99
	07/18/05	3604.94	23.90	24.51	0.61	3580.92
	10/17/05	3604.94	23.89	24.32	0.43	3580.96
	11/29/05	3604.94	24.08	24.22	0.14	3580.83
	12/06/05	3604.94	24.08	24.37	0.29	3580.80
	12/12/05	3604.94	24.11	24.44	0.33	3580.76
	12/21/05	3604.94	24.11	24.46	0.35	3580.76
	12/28/05	3604.94	24.12	24.49	0.37	3580.75
	01/04/06	3604.94	24.11	24.47	0.36	3580.76
	01/10/06	3604.94	24.12	24.49	0.37	3580.75

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	01/16/06	3604.94	24.02	24.48	0.46	3580.83
	01/23/06	3604.94	23.99	24.42	0.43	3580.86
	02/01/06	3604.94	24.12	24.44	0.32	3580.76
	02/16/06	3604.94	24.24	24.52	0.28	3580.64
	03/06/06	3604.94	24.33	24.62	0.29	3580.55
	03/29/06	3604.94	24.42	24.72	0.30	3580.46
	04/04/06	3604.94	24.45	24.73	0.28	3580.43
	04/11/06	3604.94	24.49	24.76	0.27	3580.40
	04/17/06	3604.94	24.53	24.77	0.24	3580.36
	04/24/06	3604.94	24.47	24.66	0.19	3580.43
	05/03/06	3604.94	24.62	24.66	0.04	3580.31
	05/31/06	3604.94	24.76	24.80	0.04	3580.17
	06/09/06	3604.94	24.80	24.84	0.04	3580.13
	06/12/06	3604.94	24.81	24.85	0.04	3580.12
	06/26/06	3604.94	24.88	24.96	0.08	3580.04
	07/05/06	3604.94	24.93	25.02	0.09	3579.99
	07/10/06	3604.94	24.95	25.04	0.09	3579.97
	07/17/06	3604.94	24.97	25.06	0.09	3579.95
	07/24/06	3604.94	24.87	24.99	0.12	3580.05
	08/02/06	3604.94	25.06	25.14	0.08	3579.86
	08/14/06	3604.94	25.07	25.08	0.01	3579.87
	08/28/06	3604.94	25.14	25.27	0.13	3579.77
	09/14/06	3604.94	25.05	25.16	0.11	3579.87
	09/21/06	3604.94	25.02	25.08	0.06	3579.91
	09/25/06	3604.94	25.03	25.08	0.05	3579.90
	10/02/06	3604.94	24.98	25.02	0.04	3579.95
	10/10/06	3604.94	24.98	25.01	0.03	3579.95
	10/16/06	3604.94	24.97	25.01	0.04	3579.96
	10/23/06	3604.94	24.75	24.80	0.05	3580.18
	10/30/06	3604.94	24.92	24.96	0.04	3580.01
	11/06/06	3604.94	24.93	24.97	0.04	3580.00
	11/21/06	3604.94	24.91	24.97	0.06	3580.02
	11/28/06	3604.94	24.92	24.96	0.04	3580.01
	12/05/06	3604.94	24.91	24.96	0.05	3580.02
	12/11/06	3604.94	24.89	24.94	0.05	3580.04
	12/18/06	3604.94	24.89	24.98	0.09	3580.03
	01/02/07	3604.94	24.97	25.07	0.10	3579.95
	01/08/07	3604.94	25.01	25.09	0.08	3579.91
	01/23/07	3604.94	24.77	24.82	0.05	3580.16
	02/05/07	3604.94	25.08	25.20	0.12	3579.84
	02/26/07	3604.94	25.14	25.29	0.15	3579.77
	03/05/07	3604.94	25.18	25.32	0.14	3579.73
	03/13/07	3604.94	25.20	25.33	0.13	3579.71
	03/19/07	3604.94	25.24	25.37	0.13	3579.67
	03/26/07	3604.94	25.24	25.36	0.12	3579.68

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-10 (RW-6)	04/02/07	3604.94	25.27	25.40	0.13	3579.64
	04/23/07	3604.94	25.09	25.23	0.14	3579.82
	05/01/07	3604.94	25.36	25.47	0.11	3579.56
	05/29/07	3604.94	25.42	25.53	0.11	3579.50
	06/04/07	3604.94	25.43	25.52	0.09	3579.49
	06/11/07	3604.94	25.44	25.52	0.08	3579.48
	06/18/07	3604.94	25.43	25.52	0.09	3579.49
	06/26/07	3604.94	25.18	25.24	0.06	3579.75
	07/09/07	3604.94	25.20	25.26	0.06	3579.73
	07/17/07	3604.94	25.23	25.28	0.05	3579.70
	07/23/07	3604.94	25.18	25.28	0.10	3579.74
	07/30/07	3604.94	25.22	25.27	0.05	3579.71
	08/07/07	3604.94	25.24	25.28	0.04	3579.69
	08/20/07	3604.94	25.24	25.34	0.10	3579.68
	08/27/07	3604.94	25.28	25.36	0.08	3579.64
	09/04/07	3604.94	25.31	25.35	0.04	3579.62
	09/10/07	3604.94	25.29	25.33	0.04	3579.64
	09/25/07	3604.94	25.35	25.37	0.02	3579.59
	10/02/07	3604.94	25.35	25.38	0.03	3579.58
	10/11/07	3604.94	25.28	25.31	0.03	3579.65
	10/22/07	3604.94	25.17	25.23	0.06	3579.76
	10/31/07	3604.94	25.30	25.31	0.01	3579.64
	11/12/07	3604.94	25.26	25.27	0.01	3579.68
	11/19/07	3604.94	25.30	25.31	0.01	3579.64
	12/05/07	3604.94	25.29	25.31	0.02	3579.65
	12/10/07	3604.94	25.32	25.35	0.03	3579.61
	12/20/07	3604.94	25.35	25.37	0.02	3579.59
	01/02/08	3604.94	25.43	25.44	0.01	3579.51
	01/07/08	3604.94	25.43	25.50	0.07	3579.50
	01/28/08	3604.94	25.26	25.36	0.10	3579.66
	02/12/08	3604.94	25.56	25.58	0.02	3579.38
	02/26/08	3604.94	25.60	25.63	0.03	3579.33
	04/21/08	3604.94	25.50	25.51	0.01	3579.44
	04/28/08	3604.94	25.77	25.80	0.03	3579.16
	05/20/08	3604.94	25.81	25.83	0.02	3579.13
	06/02/08	3604.94	25.85	25.86	0.01	3579.09
	06/09/08	3604.94	25.87	25.88	0.01	3579.07
	06/16/08	3604.94	25.96	25.97	0.01	3578.98
	06/30/08	3604.94	25.99	26.00	0.01	3578.95
	07/14/08	3604.94	26.06	26.07	0.01	3578.88
	07/21/08	3604.94	--	25.81	--	3579.13
	08/06/08	3604.94	--	26.30	--	3578.64
	08/18/08	3604.94	--	26.36	--	3578.58
	09/09/08	3604.94	--	26.35	--	3578.59
	09/15/08	3604.94	26.29	26.30	0.01	3578.65

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	09/22/08	3604.94	--	26.40	--	3578.54
	09/29/08	3604.94	--	26.45	--	3578.49
	10/07/08	3604.94	--	26.51	--	3578.43
	10/20/08	3604.94	26.24	26.28	0.04	3578.69
	10/28/08	3604.94	--	26.54	--	3578.40
	11/10/08	3604.94	--	26.51	--	3578.43
	11/24/08	3604.94	--	26.50	--	3578.44
	12/01/08	3604.94	--	26.49	--	3578.45
	12/08/08	3604.94	--	26.53	--	3578.41
	12/24/08	3604.94	--	26.52	--	3578.42
	12/29/08	3604.94	--	26.56	--	3578.38
	01/06/09	3604.94	--	26.63	--	3578.31
	01/14/09	3604.94	--	26.48	--	3578.46
	01/19/09	3604.94	--	26.33	--	3578.61
	01/26/09	3604.94	--	26.61	--	3578.33
	02/10/09	3604.94	--	26.70	--	3578.24
	02/26/09	3604.94	--	26.72	--	3578.22
	03/02/09	3604.94	--	26.66	--	3578.28
	03/09/09	3604.94	--	26.73	--	3578.21
	03/16/09	3604.94	--	26.74	--	3578.20
	03/24/09	3604.94	--	26.76	--	3578.18
	03/30/09	3604.94	--	26.66	--	3578.28
	04/06/09	3604.94	--	26.80	--	3578.14
	04/14/09	3604.94	--	26.64	--	3578.30
	04/20/09	3604.94	26.56	26.57	0.01	3578.38
	04/28/09	3604.94	--	26.68	--	3578.26
	05/11/09	3604.94	--	26.81	--	3578.13
	05/26/09	3604.94	--	26.73	--	3578.21
	06/01/09	3604.94	--	26.86	--	3578.08
	06/09/09	3604.94	--	26.70	--	3578.24
	06/15/09	3604.94	--	26.90	--	3578.04
	06/29/09	3604.94	--	26.78	--	3578.16
	07/06/09	3604.94	--	26.80	--	3578.14
	07/14/09	3604.94	--	26.98	--	3577.96
	07/20/09	3604.94	--	26.84	--	3578.10
	07/27/09	3604.94	--	26.87	--	3578.07
	08/03/09	3604.94	--	27.02	--	3577.92
	08/12/09	3604.94	--	27.05	--	3577.89
	08/24/09	3604.94	--	26.95	--	3577.99
	08/31/09	3604.94	--	27.05	--	3577.89
	09/08/09	3604.94	--	26.92	--	3578.02
	09/16/09	3604.94	--	27.04	--	3577.90
	09/28/09	3604.94	--	26.88	--	3578.06
	10/05/09	3604.94	--	27.07	--	3577.87
	10/12/09	3604.94	--	27.06	--	3577.88

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-10 (RW-6)	10/26/09	3604.94	26.99	27.00	0.01	3577.95
	11/03/09	3604.94	--	26.93	--	3578.01
	11/10/09	3604.94	--	27.08	--	3577.86
	11/23/09	3604.94	--	27.03	--	3577.91
	11/30/09	3604.94	--	27.17	--	3577.77
	12/07/09	3604.94	--	27.08	--	3577.86
	12/22/09	3604.94	--	27.24	--	3577.70
	01/04/10	3604.94	--	27.14	--	3577.80
	01/11/10	3604.94	--	27.30	--	3577.64
	01/18/10	3604.94	--	27.12	--	3577.82
	01/25/10	3604.94	--	27.21	--	3577.73
	02/01/10	3604.94	--	27.29	--	3577.65
	02/08/10	3604.94	--	27.25	--	3577.69
	02/22/10	3604.94	--	27.44	--	3577.50
	02/01/10	3604.94	--	27.34	--	3577.60
	03/08/10	3604.94	--	27.46	--	3577.48
	03/22/10	3604.94	--	27.50	--	3577.44
	03/29/10	3604.94	--	27.35	--	3577.59
	04/05/10	3604.94	--	27.53	--	3577.41
	04/13/10	3604.94	--	27.36	--	3577.58
	04/19/10	3604.94	--	27.57	--	3577.37
	04/26/10	3604.94	--	27.39	--	3577.55
	05/03/10	3604.94	--	27.72	--	3577.22
	05/14/10	3604.94	--	27.75	--	3577.19
	05/20/10	3604.94	--	27.62	--	3577.32
	05/27/10	3604.94	--	27.23	--	3577.71
	06/01/10	3604.94	--	27.67	--	3577.27
	06/07/10	3604.94	--	27.57	--	3577.37
	06/15/10	3604.94	--	27.81	--	3577.13
	06/28/10	3604.94	--	27.60	--	3577.34
	07/06/10	3604.94	--	27.45	--	3577.49
	07/13/10	3604.94	--	27.41	--	3577.53
	07/19/10	3604.94	--	27.49	--	3577.45
	07/26/10	3604.94	--	27.15	--	3577.79
	08/09/10	3604.94	--	27.32	--	3577.62
	08/16/10	3604.94	--	27.23	--	3577.71
	08/30/10	3604.94	--	27.24	--	3577.70
	09/07/10	3604.94	--	27.13	--	3577.81
	09/13/10	3604.94	--	27.19	--	3577.75
	09/20/10	3604.94	--	27.07	--	3577.87
	09/27/10	3604.94	--	27.18	--	3577.76
	10/04/10	3604.94	--	27.09	--	3577.85
	10/12/10	3604.94	--	27.20	--	3577.74
	10/19/10	3604.94	--	27.09	--	3577.85
	10/25/10	3604.94	26.91	26.92	0.01	3578.03

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-10 (RW-6)	11/01/10	3604.94	--	27.17	--	3577.77
	11/09/10	3604.94	--	27.22	--	3577.72
	11/22/10	3604.94	--	27.17	--	3577.77
	12/06/10	3604.94	--	27.30	--	3577.64
	12/13/10	3604.94	--	27.21	--	3577.73
	01/04/11	3604.94	--	27.45	--	3577.49
	01/10/11	3604.94	--	27.30	--	3577.64
	01/17/11	3604.94	--	27.36	--	3577.58
	01/24/11	3604.94	--	27.58	--	3577.36
	01/31/11	3604.94	--	27.43	--	3577.51
	02/07/11	3604.94	--	27.47	--	3577.47
	02/14/11	3604.94	--	27.66	--	3577.28
	03/01/11	3604.94	--	27.79	--	3577.15
	03/07/11	3604.94	--	27.75	--	3577.19
	03/21/11	3604.94	--	27.66	--	3577.28
	03/28/11	3604.94	--	27.80	--	3577.14
	04/18/11	3604.94	--	27.98	--	3576.96
	10/10/11	3604.94	--	28.23	--	3576.71
	05/30/12	3604.94	--	28.97	--	3575.97
	01/17/13	3604.94	--	29.45	--	3575.49
	01/24/13	3604.94	--	29.46	--	3575.48
	01/31/13	3604.94	--	29.46	--	3575.48
	02/07/13	3604.94	--	29.52	--	3575.42
	02/14/13	3604.94	--	29.46	--	3575.48
	02/27/13	3604.94	--	29.56	--	3575.38
	03/07/13	3604.94	--	29.58	--	3575.36
	03/14/13	3604.94	--	29.54	--	3575.40
	03/19/13	3604.94	--	29.60	--	3575.34
	04/05/13	3604.94	--	29.62	--	3575.32
	04/10/13	3604.94	--	28.75	--	3576.19
	04/18/13	3604.94	--	28.46	--	3576.48
	04/25/13	3604.94	--	29.60	--	3575.34
	05/02/13	3604.94	--	29.68	--	3575.26
	05/09/13	3604.94	--	29.66	--	3575.28
	05/13/13	3604.94	--	29.70	--	3575.24
	05/23/13	3604.94	--	29.73	--	3575.21
	05/30/13	3604.94	--	29.76	--	3575.18
	06/07/13	3604.94	--	29.73	--	3575.21
	06/13/13	3604.94	--	29.87	--	3575.07
	06/27/13	3604.94	--	29.80	--	3575.14
	07/02/13	3604.94	--	29.75	--	3575.19
	07/11/13	3604.94	--	29.94	--	3575.00
	07/23/13	3604.94	--	29.97	--	3574.97
	08/22/13	3604.94	--	30.07	--	3574.87
	09/19/13	3604.94	--	30.08	--	3574.86

**Historical Groundwater Elevation Data
Phillips 66 Company
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Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	10/03/13	3604.94	--	30.09	--	3574.85
	10/31/13	3604.94	--	30.13	--	3574.81
	11/14/13	3604.94	--	30.21	--	3574.73
	11/27/13	3604.94	--	30.25	--	3574.69
	12/11/13	3604.94	--	30.23	--	3574.71
	12/24/13	3604.94	--	30.28	--	3574.66
	01/08/14	3604.94	--	30.25	--	3574.69
	03/10/14	3604.94	--	30.43	--	3574.51
	03/25/14	3604.94	--	30.47	--	3574.47
	04/02/14	3604.94	--	30.49	--	3574.45
	04/16/14	3604.94	--	30.55	--	3574.39
	04/28/14	3604.94	--	30.55	--	3574.39
	05/15/14	3604.94	--	30.60	--	3574.34
	05/28/14	3604.94	--	30.64	--	3574.30
	06/09/14	3604.94	--	30.68	--	3574.26
	07/29/14	3604.94	--	30.82	--	3574.12
	08/06/14	3604.94	--	30.86	--	3574.08
	08/19/14	3604.94	--	30.88	--	3574.06
	09/03/14	3604.94	--	Dry	--	Dry
	10/01/14	3604.94	--	30.80	--	3574.14
	10/30/14	3604.94	--	30.77	--	3574.17
	11/24/14	3605.94	--	30.64	--	3575.30
	12/10/14	3605.94	--	30.61	--	3575.33
	01/08/15	3605.94	--	30.53	--	3575.41
	01/20/15	3605.94	--	30.52	--	3575.42
	02/25/15	3605.94	--	30.54	--	3575.40
	03/10/15	3605.94	--	30.55	--	3575.39
	04/24/15	3605.94	--	30.72	--	3575.22
	05/15/15	3605.94	--	Dry	--	Dry
	06/08/15	3605.94	30.70	30.71	0.01	3575.24
	07/27/15	3605.94	--	30.65	--	3575.29
	08/18/15	3605.94	--	Dry	--	Dry
	08/19/15	3606.94	--	30.41	--	3576.53
	09/29/15	3606.94	--	30.63	--	3576.31
MW-11 (RW-7)	03/01/01	3608.06	--	27.09	--	3580.97
	06/25/01	3608.06	--	27.30	--	3580.76
	09/25/01	3608.06	27.51	28.26	0.75	3580.40
	12/11/01	3608.06	27.50	28.36	0.86	3580.39
	05/21/02	3608.06	27.60	29.67	2.07	3580.05
	06/16/02	3608.06	28.48	30.95	2.47	3579.09
	10/25/02	3608.06	27.90	30.73	2.83	3579.59
	11/04/02	3608.06	27.95	30.81	2.86	3579.54
	11/05/02	3608.06	27.92	30.97	3.05	3579.53
	02/24/03	3608.06	28.97	30.96	1.99	3578.69

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	11/05/02	3608.06	29.83	30.57	0.74	3578.08
	02/25/03	3608.06	28.71	30.90	2.19	3578.91
	04/09/03	3608.06	28.97	30.96	1.99	3578.69
	09/11/03	3608.06	29.06	30.74	1.68	3578.66
	11/05/03	3608.06	29.82	31.25	1.43	3577.95
	01/19/04	3608.06	30.23	30.94	0.71	3577.69
	04/20/04	3608.06	30.48	30.53	0.05	3577.57
	07/20/04	3608.06	30.33	31.16	0.83	3577.56
	10/25/04	3608.06	--	29.10	--	3578.96
	01/24/05	3608.06	28.03	28.04	0.01	3580.03
	04/18/05	3608.06	27.73	27.75	0.02	3580.33
	07/18/05	3608.06	27.99	28.00	0.01	3580.07
	10/17/05	3608.06	27.89	27.90	0.01	3580.17
	12/28/05	3608.06	28.04	28.06	0.02	3580.02
	01/10/06	3608.06	28.09	28.10	0.01	3579.97
	01/23/06	3608.06	28.03	28.05	0.02	3580.03
	04/24/06	3608.06	28.40	28.44	0.04	3579.65
	07/24/06	3608.06	28.75	28.90	0.15	3579.28
	10/23/06	3608.06	28.65	28.74	0.09	3579.39
	01/23/07	3608.06	28.74	28.75	0.01	3579.32
	04/23/07	3608.06	28.99	29.11	0.12	3579.05
	07/23/07	3608.06	29.13	29.16	0.03	3578.92
	10/22/07	3608.06	29.16	29.18	0.02	3578.90
	01/28/08	3608.06	29.20	29.22	0.02	3578.86
	04/21/08	3608.06	--	29.44	--	3578.62
	07/21/08	3608.06	--	29.73	--	3578.33
	10/20/08	3608.06	--	29.95	--	3578.11
	01/19/09	3608.06	--	30.04	--	3578.02
	04/20/09	3608.06	30.38	30.39	0.01	3577.68
	07/27/09	3608.06	--	30.64	--	3577.42
	10/26/09	3608.06	--	30.77	--	3577.29
	01/25/10	3608.06	--	31.00	--	3577.06
	04/26/10	3608.06	--	31.16	--	3576.90
	07/26/10	3608.06	--	30.95	--	3577.11
	10/25/10	3608.06	--	30.76	--	3577.30
	01/24/11	3608.06	--	31.36	--	3576.70
	04/18/11	3608.06	--	31.35	--	3576.71
	10/10/11	3608.06	--	31.86	--	3576.20
	05/30/12	3608.06	--	Dry	--	Dry
	02/27/13	3608.06	--	Dry	--	Dry
	07/23/13	3608.06	--	Dry	--	Dry
	03/25/14	3608.06	--	Dry	--	Dry
	07/29/14	3608.06	--	Dry	--	Dry
	03/10/15	3608.06	--	Dry	--	Dry
	07/27/15	3608.06	--	Dry	--	Dry

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-12 (SVE-9)	03/01/01	3604.40	--	23.87	--	3580.53
	06/25/01	3604.40	--	24.14	--	3580.26
	09/25/01	3604.40	--	24.38	--	3580.02
	12/11/01	3604.40	--	24.62	--	3579.78
	05/21/02	3604.40	--	24.96	--	3579.44
	06/08/02	3604.40	--	25.64	--	3578.76
	06/15/02	3604.40	--	25.64	--	3578.76
	10/25/02	3604.14	--	25.83	--	3578.31
	10/26/02	3604.14	--	25.84	--	3578.30
	11/04/02	3604.14	--	25.66	--	3578.48
	11/05/02	3604.14	--	25.54	--	3578.60
	12/16/02	3604.14	--	25.52	--	3578.62
	01/22/03	3604.14	--	25.50	--	3578.64
	04/24/03	3604.14	--	25.58	--	3578.56
	09/11/03	3604.14	--	26.08	--	3578.06
	10/15/03	3604.14	--	26.33	--	3577.81
	01/19/04	3604.14	--	26.68	--	3577.46
	04/19/04	3604.14	--	26.57	--	3577.57
	07/20/04	3604.14	--	26.72	--	3577.42
	10/25/04	3604.14	--	25.07	--	3579.07
	01/24/05	3604.14	--	23.85	--	3580.29
	04/18/05	3604.14	--	23.55	--	3580.59
	07/18/05	3604.14	--	23.71	--	3580.43
	10/17/05	3604.14	--	23.65	--	3580.49
	01/10/06	3604.14	--	23.86	--	3580.28
	01/23/06	3604.14	--	23.89	--	3580.25
	04/24/06	3604.14	--	24.31	--	3579.83
	07/24/06	3604.14	--	24.70	--	3579.44
	10/23/06	3604.14	--	24.55	--	3579.59
	01/23/07	3604.14	--	24.60	--	3579.54
	04/23/07	3604.14	--	24.92	--	3579.22
MW-12 (SVE-9)	07/23/07	3604.14	--	25.02	--	3579.12
	10/22/07	3604.14	--	24.98	--	3579.16
	01/28/08	3604.14	--	25.09	--	3579.05
	04/21/08	3604.14	--	25.36	--	3578.78
	07/21/08	3604.14	--	25.70	--	3578.44
	10/20/08	3604.14	--	25.94	--	3578.20
	01/19/09	3604.14	--	26.00	--	3578.14
	04/20/09	3604.14	--	26.28	--	3577.86
	07/27/09	3604.14	--	26.60	--	3577.54
	10/26/09	3604.14	--	26.61	--	3577.53
	01/25/10	3604.14	--	26.59	--	3577.55
	04/26/10	3604.14	--	27.02	--	3577.12
	07/26/10	3604.14	--	26.76	--	3577.38

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	10/25/10	3604.14	--	26.51	--	3577.63
	01/24/11	3604.14	--	26.94	--	3577.20
	04/18/11	3604.14	--	27.35	--	3576.79
	10/10/11	3604.14	--	27.89	--	3576.25
	05/30/12	3604.14	--	28.63	--	3575.51
	02/27/13	3604.14	--	29.26	--	3574.88
	07/23/13	3604.14	--	29.69	--	3574.45
	03/25/14	3604.14	--	30.13	--	3574.01
	07/29/14	3604.14	--	30.51	--	3573.63
	03/10/15	3604.14	--	30.17	--	3573.97
	07/27/15	3604.14	--	30.27	--	3573.87
MW-13	03/01/01	3604.31	--	24.70	--	3579.61
	06/25/01	3604.31	--	24.95	--	3579.36
	09/25/01	3604.31	--	25.23	--	3579.08
	12/11/01	3604.31	--	25.48	--	3578.83
	05/21/02	3604.31	--	25.79	--	3578.52
	06/15/02	3604.31	--	25.85	--	3578.46
	09/20/02	3604.31	--	25.97	--	3578.34
	10/15/02	3604.31	--	26.11	--	3578.20
	10/22/02	3604.31	--	26.11	--	3578.20
	10/25/02	3604.31	--	26.13	--	3578.18
	10/26/02	3604.31	--	26.12	--	3578.19
	11/04/02	3604.31	--	26.05	--	3578.26
	11/05/02	3604.31	--	26.06	--	3578.25
	11/22/02	3604.31	--	26.01	--	3578.30
	11/29/02	3604.31	--	25.95	--	3578.36
	01/22/03	3604.31	--	25.88	--	3578.43
	02/14/03	3604.31	--	25.93	--	3578.38
	02/24/03	3604.31	--	25.96	--	3578.35
	04/24/03	3604.31	--	26.14	--	3578.17
	07/15/03	3604.31	--	26.40	--	3577.91
	09/11/03	3604.31	--	26.55	--	3577.76
	10/15/03	3604.31	--	26.71	--	3577.60
	01/19/04	3604.31	--	26.98	--	3577.33
	04/19/04	3604.31	--	26.95	--	3577.36
	07/20/04	3604.31	--	26.81	--	3577.50
	10/25/04	3604.31	--	24.95	--	3579.36
	01/24/05	3604.31	--	23.64	--	3580.67
	04/18/05	3604.31	--	23.46	--	3580.85
	07/18/05	3604.31	--	23.78	--	3580.53
	10/17/05	3604.31	--	23.72	--	3580.59
	01/23/06	3604.31	--	24.02	--	3580.29
	04/24/06	3604.31	--	24.50	--	3579.81
	07/24/06	3604.31	--	24.93	--	3579.38

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	10/23/06	3604.31	--	24.66	--	3579.65
	01/23/07	3604.31	--	24.76	--	3579.55
	04/23/07	3604.31	--	25.12	--	3579.19
	07/23/07	3604.31	--	25.16	--	3579.15
	10/22/07	3604.31	--	25.04	--	3579.27
	01/28/08	3604.31	--	25.25	--	3579.06
	04/21/08	3604.31	--	25.60	--	3578.71
	07/21/08	3604.31	--	26.02	--	3578.29
	10/20/08	3604.31	--	26.19	--	3578.12
	01/19/09	3604.31	--	26.26	--	3578.05
	04/20/09	3604.31	--	26.60	--	3577.71
	07/27/09	3604.31	--	26.92	--	3577.39
	10/26/09	3604.31	--	26.91	--	3577.40
	01/25/10	3604.31	--	27.19	--	3577.12
	04/26/10	3604.31	--	27.35	--	3576.96
	07/26/10	3604.31	--	27.07	--	3577.24
	10/25/10	3604.31	--	26.72	--	3577.59
	01/24/11	3604.31	--	27.21	--	3577.10
	04/18/11	3604.31	--	27.58	--	3576.73
	10/10/11	3604.31	--	28.19	--	3576.12
	05/30/12	3604.31	--	29.00	--	3575.31
	02/27/13	3604.31	--	29.56	--	3574.75
	07/23/13	3604.31	--	30.01	--	3574.30
	03/25/14	3604.31	--	30.42	--	3573.89
	07/29/14	3604.31	--	30.87	--	3573.44
	03/10/15	3604.31	--	30.33	--	3573.98
	07/27/15	3604.31	--	30.31	--	3574.00
MW-14 (SVE-11)	03/01/01	3604.11	--	23.96	--	3580.15
	06/25/01	3604.11	--	24.14	--	3579.97
	09/25/01	3604.11	--	24.45	--	3579.66
	12/11/01	3604.11	--	24.63	--	3579.48
	05/21/02	3604.11	--	25.00	--	3579.11
	06/15/02	3604.11	--	25.08	--	3579.03
	10/15/02	3603.77	--	25.82	--	3577.95
	01/22/03	3603.77	--	25.90	--	3577.87
	04/24/03	3603.77	--	25.92	--	3577.85
	07/15/03	3603.77	--	26.11	--	3577.66
	09/11/03	3603.77	--	26.26	--	3577.51
	10/15/03	3603.77	--	26.41	--	3577.36
	01/19/04	3603.77	--	26.68	--	3577.09
	04/19/04	3603.77	--	26.61	--	3577.16
	07/20/04	3603.77	--	26.75	--	3577.02
	10/25/04	3603.77	--	24.81	--	3578.96
	01/24/05	3603.77	--	23.76	--	3580.01

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-14 (SVE-11)	04/18/05	3603.77	--	23.58	--	3580.19
	07/18/05	3603.77	--	23.83	--	3579.94
	10/17/05	3603.77	--	23.77	--	3580.00
	01/23/06	3603.77	--	24.03	--	3579.74
	04/24/06	3603.77	--	24.41	--	3579.36
	07/24/06	3603.77	--	24.80	--	3578.97
	10/23/06	3603.77	--	24.70	--	3579.07
	01/23/07	3603.77	--	24.79	--	3578.98
	04/23/07	3603.77	--	25.06	--	3578.71
	07/23/07	3603.77	--	25.19	--	3578.58
	10/22/07	3603.77	--	25.20	--	3578.57
	01/28/08	3603.77	--	25.30	--	3578.47
	04/21/08	3603.77	--	25.53	--	3578.24
	07/21/08	3603.77	--	25.83	--	3577.94
	10/20/08	3603.77	--	26.07	--	3577.70
	01/19/09	3603.77	--	26.15	--	3577.62
	04/20/09	3603.77	--	26.37	--	3577.40
	07/27/09	3603.77	--	26.65	--	3577.12
	10/26/09	3603.77	--	26.75	--	3577.02
	01/25/10	3603.77	--	26.97	--	3576.80
	04/26/10	3603.77	--	27.14	--	3576.63
	07/26/10	3603.77	--	26.78	--	3576.99
	10/25/10	3603.77	--	26.64	--	3577.13
	01/24/11	3603.77	--	27.03	--	3576.74
	04/18/11	3603.77	--	27.36	--	3576.41
	10/10/11	3603.77	--	27.87	--	3575.90
	05/30/12	3603.77	--	28.55	--	3575.22
	02/27/13	3603.77	--	Dry	--	Dry
	07/23/13	3603.77	--	29.51	--	3574.26
	03/25/14	3603.77	--	30.02	--	3573.75
	07/29/14	3603.77	--	30.34	--	3573.43
	03/10/15	3603.77	--	30.15	--	3573.62
	07/27/15	3603.77	--	30.30	--	3573.47
MW-15 (SVE-12)	03/01/01	3609.78	28.20	28.26	0.06	3581.57
	06/25/01	3609.78	28.24	28.90	0.66	3581.41
	09/25/01	3609.78	nm	nm	nm	nm
	12/11/01	3609.78	nm	nm	nm	nm
	05/21/02	3609.78	28.98	29.77	0.79	3580.64
	06/08/02	3609.78	29.05	29.85	0.80	3580.57
	06/15/02	3609.23	29.65	30.42	0.77	3579.43
	10/25/02	3609.23	29.67	30.57	0.90	3579.38
	11/04/02	3609.23	29.80	30.62	0.82	3579.27
	11/22/02	3609.23	29.81	30.59	0.78	3579.26
	11/29/02	3609.23	29.70	30.59	0.89	3579.35

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-15 (SVE-12)	02/08/03	3609.23	30.10	30.44	0.34	3579.06
	02/24/03	3609.23	30.09	30.51	0.42	3579.06
	04/07/03	3609.23	30.21	30.50	0.29	3578.96
	04/24/03	3609.23	30.24	30.44	0.20	3578.95
	11/05/02	3609.23	29.81	30.57	0.76	3579.27
	02/25/03	3609.23	30.09	30.51	0.42	3579.06
	04/09/03	3609.23	30.21	30.50	0.29	3578.96
	04/22/03	3609.23	30.27	30.49	0.22	3578.92
	06/25/03	3609.23	30.34	30.55	0.21	3578.85
	09/11/03	3609.23	30.52	30.79	0.27	3578.66
	11/05/03	3609.23	30.67	30.94	0.27	3578.51
	01/19/04	3609.23	30.87	31.11	0.24	3578.31
	04/19/04	3609.23	31.03	31.09	0.06	3578.19
	07/20/04	3609.23	31.10	31.32	0.22	3578.09
	10/25/04	3609.23	--	29.94	--	3579.29
	01/24/05	3609.23	--	28.72	--	3580.51
	04/18/05	3609.23	--	28.40	--	3580.83
	07/18/05	3609.23	--	28.39	--	3580.84
	10/17/05	3609.23	--	28.29	--	3580.94
	01/23/06	3609.23	--	28.44	--	3580.79
	04/24/06	3609.23	--	28.72	--	3580.51
	07/24/06	3609.23	--	29.12	--	3580.11
	10/23/06	3609.23	--	29.05	--	3580.18
	01/23/07	3609.23	--	29.12	--	3580.11
	04/23/07	3609.23	--	29.36	--	3579.87
	07/23/07	3609.23	--	29.53	--	3579.70
	10/22/07	3609.23	--	29.61	--	3579.62
	01/28/08	3609.23	--	29.65	--	3579.58
	04/21/08	3609.23	--	29.84	--	3579.39
	07/21/08	3609.23	--	30.08	--	3579.15
	10/20/08	3609.23	--	30.30	--	3578.93
	01/19/09	3609.23	--	30.49	--	3578.74
	04/20/09	3609.23	--	30.70	--	3578.53
	07/27/09	3609.23	--	30.94	--	3578.29
	10/26/09	3609.23	--	31.13	--	3578.10
	01/25/10	3609.23	--	31.31	--	3577.92
	04/26/10	3609.23	--	31.50	--	3577.73
	07/26/10	3609.23	--	31.29	--	3577.94
	10/25/10	3609.23	--	31.18	--	3578.05
	01/24/11	3609.23	--	31.45	--	3577.78
	04/18/11	3609.23	--	31.72	--	3577.51
	10/10/11	3609.23	--	32.12	--	3577.11
	05/30/12	3609.23	--	32.75	--	3576.48
	02/27/13	3609.23	--	33.43	--	3575.80
	07/23/13	3609.23	--	33.76	--	3575.47

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	03/25/14	3609.23	--	Dry	--	Dry
	07/29/14	3609.23	--	Dry	--	Dry
	03/10/15	3609.23	--	Dry	--	Dry
	07/27/15	3609.23	--	Dry	--	Dry
MW-16	03/01/01	3606.31	--	25.57	--	3580.74
	06/25/01	3606.31	--	25.78	--	3580.53
	09/25/01	3606.31	--	26.01	--	3580.30
	12/11/01	3606.31	--	26.21	--	3580.10
	05/21/02	3606.31	--	26.57	--	3579.74
	06/15/02	3606.31	--	26.64	--	3579.67
	06/16/02	3606.31	--	26.63	--	3579.68
	09/20/02	3606.31	--	26.80	--	3579.51
	10/15/02	3606.31	--	26.85	--	3579.46
	10/22/02	3606.31	--	26.88	--	3579.43
	10/25/02	3606.31	--	26.88	--	3579.43
	10/26/02	3606.31	--	26.88	--	3579.43
	11/04/02	3606.31	--	26.90	--	3579.41
	11/05/02	3606.31	--	26.91	--	3579.40
	01/22/03	3606.31	--	26.95	--	3579.36
	02/14/03	3606.31	--	26.95	--	3579.36
	02/24/03	3606.31	--	26.95	--	3579.36
	04/07/03	3606.31	--	27.05	--	3579.26
	04/24/03	3606.31	--	27.16	--	3579.15
	07/14/03	3606.31	--	27.25	--	3579.06
	08/02/03	3606.31	--	27.27	--	3579.04
	09/11/03	3606.31	--	27.35	--	3578.96
	10/15/03	3606.31	--	27.49	--	3578.82
	01/19/04	3606.31	--	27.68	--	3578.63
	04/19/04	3606.31	--	27.78	--	3578.53
	07/20/04	3606.31	--	27.89	--	3578.42
	10/25/04	3606.31	--	26.38	--	3579.93
	01/24/05	3606.31	--	25.11	--	3581.20
	04/18/05	3606.31	--	24.91	--	3581.40
	07/18/05	3606.31	--	25.04	--	3581.27
	10/17/05	3606.31	--	24.99	--	3581.32
	01/23/06	3606.31	--	25.20	--	3581.11
	04/24/06	3606.31	--	25.56	--	3580.75
	07/24/06	3606.31	--	25.90	--	3580.41
	10/23/06	3606.31	--	25.84	--	3580.47
	01/23/07	3606.31	--	25.94	--	3580.37
	04/23/07	3606.31	--	26.16	--	3580.15
	07/23/07	3606.31	--	26.33	--	3579.98
	10/22/07	3606.31	--	26.40	--	3579.91
	01/28/08	3606.31	--	26.45	--	3579.86

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	04/21/08	3606.31	--	26.66	--	3579.65
	07/21/08	3606.31	--	26.91	--	3579.40
	10/20/08	3606.31	--	27.13	--	3579.18
	01/19/09	3606.31	--	27.26	--	3579.05
	04/20/09	3606.31	--	27.50	--	3578.81
	07/27/09	3606.31	--	27.75	--	3578.56
	10/26/09	3606.31	--	27.93	--	3578.38
	01/25/10	3606.31	--	28.09	--	3578.22
	04/26/10	3606.31	--	28.27	--	3578.04
	07/26/10	3606.31	--	28.00	--	3578.31
	10/25/10	3606.31	--	27.88	--	3578.43
	01/24/11	3606.31	--	28.19	--	3578.12
	04/18/11	3606.31	--	28.47	--	3577.84
	10/10/11	3606.31	--	28.87	--	3577.44
	05/30/12	3606.31	--	29.50	--	3576.81
	02/27/13	3606.31	--	30.13	--	3576.18
	07/23/13	3606.31	--	30.48	--	3575.83
	03/25/14	3606.31	--	30.98	--	3575.33
	07/29/14	3606.31	--	31.26	--	3575.05
	03/10/15	3606.31	--	31.20	--	3575.11
	07/27/15	3606.31	--	Dry	--	Dry
MW-17	03/01/01	3609.03	--	27.78	--	3581.25
	06/25/01	3609.03	--	27.99	--	3581.04
	09/25/01	3609.03	--	28.21	--	3580.82
MW-17	12/11/01	3609.03	--	28.39	--	3580.64
	05/21/02	3609.03	--	28.77	--	3580.26
	06/08/02	3609.03	--	28.80	--	3580.23
	06/13/02	3609.03	--	28.81	--	3580.22
	06/15/02	3609.03	--	28.81	--	3580.22
	09/20/02	3609.03	--	29.00	--	3580.03
	10/15/02	3609.03	--	29.07	--	3579.96
	10/22/02	3609.03	--	29.06	--	3579.97
	10/25/02	3609.03	--	29.06	--	3579.97
	10/26/02	3609.03	--	29.09	--	3579.94
	11/04/02	3609.03	--	29.10	--	3579.93
	11/05/02	3609.03	--	29.13	--	3579.90
	11/22/02	3609.03	--	29.16	--	3579.87
	12/16/02	3609.03	--	Dry	--	Dry
	01/22/03	3609.03	--	29.15	--	3579.88
	02/08/03	3609.03	--	29.16	--	3579.87
	02/14/03	3609.03	--	29.17	--	3579.86
	02/24/03	3609.03	--	29.19	--	3579.84
	04/24/03	3609.03	--	29.28	--	3579.75
	04/07/03	3609.03	--	29.23	--	3579.80

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	07/14/03	3609.03	--	29.45	--	3579.58
	08/02/03	3609.03	--	29.49	--	3579.54
	09/11/03	3609.03	--	29.57	--	3579.46
	10/15/03	3609.03	--	29.70	--	3579.33
	01/19/04	3609.03	--	29.88	--	3579.15
	04/19/04	3609.03	--	Dry	--	Dry
	07/20/04	3609.03	--	Dry	--	Dry
	10/25/04	3609.03	--	28.88	--	3580.15
	01/24/05	3609.03	--	27.57	--	3581.46
	04/18/05	3609.03	--	27.31	--	3581.72
	07/18/05	3609.03	--	27.35	--	3581.68
	10/17/05	3609.03	--	27.26	--	3581.77
	01/23/06	3609.03	--	27.45	--	3581.58
	04/24/06	3609.03	--	27.79	--	3581.24
	07/24/06	3609.03	--	28.11	--	3580.92
	10/23/06	3609.03	--	28.08	--	3580.95
	01/23/07	3609.03	--	28.17	--	3580.86
	04/23/07	3609.03	--	28.37	--	3580.66
	07/23/07	3609.03	--	28.54	--	3580.49
	10/22/07	3609.03	--	28.66	--	3580.37
	01/28/08	3609.03	--	28.68	--	3580.35
	04/21/08	3609.03	--	28.87	--	3580.16
	07/21/08	3609.03	--	29.11	--	3579.92
	10/20/08	3609.03	--	29.33	--	3579.70
	01/19/09	3609.03	--	29.45	--	3579.58
	04/20/09	3609.03	--	29.70	--	3579.33
	07/27/09	3609.03	--	Dry	--	Dry
	10/26/09	3609.03	--	Dry	--	Dry
	01/25/10	3609.03	--	Dry	--	Dry
	04/26/10	3609.03	--	Dry	--	Dry
	07/26/10	3609.03	--	Dry	--	Dry
	10/10/11	3610.03	--	Dry	--	Dry
	05/30/12	3610.03	--	Dry	--	Dry
	02/27/13	3610.03	--	Dry	--	Dry
	07/23/13	3610.03	--	Dry	--	Dry
	03/25/14	3610.03	--	Dry	--	Dry
	07/29/14	3610.03	--	Dry	--	Dry
	03/10/15	3610.03	--	Dry	--	Dry
	07/27/15	3610.03	--	Dry	--	Dry
MW-18 (SVE-13)	03/01/01	3605.71	--	25.59	--	3580.12
	06/25/01	3605.71	--	25.85	--	3579.86
	09/25/01	3605.71	--	26.10	--	3579.61
	12/11/01	3605.71	--	26.33	--	3579.38
	05/21/02	3605.71	--	26.70	--	3579.01

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-18 (SVE-13)	06/15/02	3605.71	--	26.75	--	3578.96
	06/16/02	3605.71	--	26.74	--	3578.97
	09/20/02	3605.34	--	27.54	--	3577.80
	10/15/02	3605.34	--	27.55	--	3577.79
	10/22/02	3605.34	--	27.55	--	3577.79
	10/25/02	3605.34	--	27.54	--	3577.80
	10/26/02	3605.34	--	27.55	--	3577.79
	11/05/02	3605.34	--	27.35	--	3577.99
	11/22/02	3605.34	--	27.38	--	3577.96
	01/22/03	3605.34	--	27.43	--	3577.91
	02/24/03	3605.34	--	27.46	--	3577.88
	04/07/03	3605.34	--	27.57	--	3577.77
	04/24/03	3605.34	--	27.58	--	3577.76
	07/15/03	3605.34	--	27.78	--	3577.56
	08/02/03	3605.34	--	27.83	--	3577.51
	09/11/03	3605.34	--	28.01	--	3577.33
	10/15/03	3605.34	--	28.15	--	3577.19
	01/19/04	3605.34	--	28.42	--	3576.92
	04/19/04	3605.34	--	28.40	--	3576.94
	07/20/04	3605.34	--	28.38	--	3576.96
	10/25/04	3605.34	--	26.62	--	3578.72
	01/24/05	3605.34	--	25.37	--	3579.97
	04/18/05	3605.34	--	25.15	--	3580.19
	07/18/05	3605.34	--	25.36	--	3579.98
	10/17/05	3605.34	--	25.33	--	3580.01
	01/23/06	3605.34	--	25.59	--	3579.75
	04/24/06	3605.34	--	26.01	--	3579.33
	07/24/06	3605.34	--	26.41	--	3578.93
	10/23/06	3605.34	--	26.25	--	3579.09
	01/23/07	3605.34	--	26.32	--	3579.02
	04/23/07	3605.34	--	26.63	--	3578.71
	07/23/07	3605.34	--	26.73	--	3578.61
	10/22/07	3605.34	--	26.70	--	3578.64
	01/28/08	3605.34	--	26.81	--	3578.53
	04/21/08	3605.34	--	27.09	--	3578.25
	07/21/08	3605.34	--	27.45	--	3577.89
	10/20/08	3605.34	--	27.65	--	3577.69
	01/19/09	3605.34	--	27.75	--	3577.59
	04/20/09	3605.34	--	28.05	--	3577.29
	07/27/09	3605.34	--	28.36	--	3576.98
	10/26/09	3605.34	--	28.41	--	3576.93
	01/25/10	3605.34	--	28.65	--	3576.69
	04/26/10	3605.34	--	28.83	--	3576.51
	07/26/10	3605.34	--	28.56	--	3576.78
	10/25/10	3605.34	--	28.30	--	3577.04

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	01/24/11	3605.34	--	27.21	--	3578.13
	04/18/11	3605.34	--	27.05	--	3578.29
	10/10/11	3605.34	--	29.60	--	3575.74
	05/30/12	3605.34	--	30.33	--	3575.01
	02/27/13	3605.34	--	30.95	--	3574.39
	07/23/13	3605.34	--	31.36	--	3573.98
	03/25/14	3605.34	--	31.79	--	3573.55
	07/29/14	3605.34	--	32.18	--	3573.16
	03/10/15	3605.34	--	31.81	--	3573.53
	07/27/15	3605.34	--	31.90	--	3573.44
MW-19	03/01/01	3606.69	--	27.20	--	3579.49
	06/25/01	3606.69	--	27.45	--	3579.24
	09/25/01	3606.69	--	27.71	--	3578.98
	12/11/01	3606.69	--	27.93	--	3578.76
	05/21/02	3606.69	--	28.26	--	3578.43
	06/08/02	3606.69	--	28.30	--	3578.39
	06/15/02	3606.69	--	28.33	--	3578.36
	09/20/02	3606.69	--	28.54	--	3578.15
	10/15/02	3606.69	--	28.57	--	3578.12
	10/22/02	3606.69	--	28.57	--	3578.12
	10/25/02	3606.69	--	28.55	--	3578.14
	10/26/02	3606.69	--	28.58	--	3578.11
	11/04/02	3606.69	--	28.58	--	3578.11
	11/05/02	3606.69	--	28.56	--	3578.13
	11/22/02	3606.69	--	28.55	--	3578.14
	11/29/02	3606.69	--	28.54	--	3578.15
	12/16/02	3606.69	--	28.54	--	3578.15
	01/22/03	3606.69	--	28.48	--	3578.21
	02/08/03	3606.69	--	28.50	--	3578.19
	02/14/03	3606.69	--	28.51	--	3578.18
	02/24/03	3606.69	--	28.51	--	3578.18
	04/24/03	3606.69	--	28.62	--	3578.07
	07/15/03	3606.69	--	28.90	--	3577.79
	08/02/03	3606.69	--	28.93	--	3577.76
	09/11/03	3606.69	--	29.03	--	3577.66
	10/15/03	3606.69	--	29.18	--	3577.51
	01/19/04	3606.69	--	29.42	--	3577.27
	04/19/04	3606.69	--	29.40	--	3577.29
	07/20/04	3606.69	--	29.40	--	3577.29
	10/25/04	3606.69	--	27.19	--	3579.50
	01/24/05	3606.69	--	26.20	--	3580.49
	04/18/05	3606.69	--	26.11	--	3580.58
	07/18/05	3606.69	--	26.40	--	3580.29
	10/17/05	3606.69	--	26.41	--	3580.28

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-19	01/23/06	3606.69	--	26.68	--	3580.01
	04/24/06	3606.69	--	27.09	--	3579.60
	07/24/06	3606.69	--	27.49	--	3579.20
	10/23/06	3606.69	--	27.37	--	3579.32
	01/23/07	3606.69	--	27.46	--	3579.23
	04/23/07	3606.69	--	27.76	--	3578.93
	07/23/07	3606.69	--	27.85	--	3578.84
	10/22/07	3606.69	--	27.83	--	3578.86
	01/28/08	3606.69	--	27.95	--	3578.74
	04/21/08	3606.69	--	28.23	--	3578.46
	07/21/08	3606.69	--	28.59	--	3578.10
	10/20/08	3606.69	--	28.80	--	3577.89
	01/19/09	3606.69	--	28.90	--	3577.79
	04/20/09	3606.69	--	29.18	--	3577.51
	07/27/09	3606.69	--	29.47	--	3577.22
	10/26/09	3606.69	--	29.52	--	3577.17
	01/25/10	3606.69	--	29.75	--	3576.94
	04/26/10	3606.69	--	29.90	--	3576.79
	07/26/10	3606.69	--	29.62	--	3577.07
	10/25/10	3606.69	--	29.39	--	3577.30
	01/24/11	3606.69	--	29.80	--	3576.89
	04/18/11	3606.69	--	30.11	--	3576.58
	10/10/11	3606.69	--	30.63	--	3576.06
	05/30/12	3606.69	--	34.12	--	3572.57
	02/27/13	3606.69	--	31.95	--	3574.74
	07/23/13	3606.69	--	32.35	--	3574.34
	03/25/14	3606.69	--	Dry	--	Dry
	07/29/14	3606.69	--	Dry	--	Dry
	03/10/15	3606.69	--	Dry	--	Dry
	07/27/15	3606.69	--	Dry	--	Dry
MW-20	03/01/01	3606.25	--	30.24	--	3576.01
	06/08/01	3606.25	--	31.26	--	3574.99
	06/25/01	3606.25	--	31.45	--	3574.80
	09/25/01	3606.25	--	31.67	--	3574.58
	12/11/01	3606.25	--	30.84	--	3575.41
	05/21/02	3606.25	--	31.21	--	3575.04
	06/08/02	3606.25	--	31.26	--	3574.99
	06/13/02	3606.25	--	31.28	--	3574.97
	06/15/02	3606.25	--	31.28	--	3574.97
	09/20/02	3606.25	--	31.46	--	3574.79
	10/15/02	3606.25	--	31.52	--	3574.73
	10/22/02	3606.25	--	31.53	--	3574.72
	10/25/02	3606.25	--	31.52	--	3574.73
	10/26/02	3606.25	--	31.54	--	3574.71

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-20	11/04/02	3606.25	--	31.56	--	3574.69
	11/05/02	3606.25	--	31.56	--	3574.69
	11/22/02	3606.25	--	31.59	--	3574.66
	11/29/02	3606.25	--	31.56	--	3574.69
	12/16/02	3606.25	--	31.65	--	3574.60
	01/22/03	3606.25	--	31.60	--	3574.65
	02/08/03	3606.25	--	31.65	--	3574.60
	02/14/03	3606.25	--	31.64	--	3574.61
	02/24/03	3606.25	--	31.64	--	3574.61
	04/07/03	3606.25	--	31.75	--	3574.50
	04/24/03	3606.25	--	31.76	--	3574.49
	07/15/03	3606.25	--	31.90	--	3574.35
	08/02/03	3606.25	--	31.95	--	3574.30
	09/11/03	3606.25	--	32.04	--	3574.21
	10/15/03	3606.25	--	32.17	--	3574.08
	01/19/04	3606.25	--	32.35	--	3573.90
	04/19/04	3606.25	--	32.46	--	3573.79
	07/20/04	3606.25	--	32.59	--	3573.66
	10/25/04	3606.25	--	31.22	--	3575.03
	01/24/05	3606.25	--	29.97	--	3576.28
	04/18/05	3606.25	--	29.78	--	3576.47
	07/18/05	3606.25	--	29.85	--	3576.40
	10/17/05	3606.25	--	29.75	--	3576.50
	01/23/06	3606.25	--	29.95	--	3576.30
	04/24/06	3606.25	--	30.28	--	3575.97
	07/24/06	3606.25	--	30.59	--	3575.66
	10/23/06	3606.25	--	30.55	--	3575.70
	01/23/07	3606.25	--	30.68	--	3575.57
	04/23/07	3606.25	--	30.89	--	3575.36
	07/23/07	3606.25	--	31.08	--	3575.17
	10/22/07	3606.25	--	31.16	--	3575.09
	01/28/08	3606.50	--	31.21	--	3575.29
	04/21/08	3606.50	--	31.38	--	3575.12
	07/21/08	3606.50	--	31.62	--	3574.88
	10/20/08	3606.50	--	31.82	--	3574.68
	01/19/09	3606.50	--	32.00	--	3574.50
	04/20/09	3606.50	--	32.22	--	3574.28
	07/27/09	3606.50	--	32.45	--	3574.05
	10/26/09	3606.50	--	32.63	--	3573.87
	01/25/10	3606.50	--	32.79	--	3573.71
	04/26/10	3606.50	--	32.98	--	3573.52
	07/26/10	3606.50	--	32.67	--	3573.83
	10/25/10	3606.50	--	32.69	--	3573.81
	01/24/11	3606.50	--	32.92	--	3573.58
	04/18/11	3606.50	--	33.18	--	3573.32

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	10/10/11	3606.50	--	33.55	--	3572.95
	05/30/12	3606.50	--	34.12	--	3572.38
	02/27/13	3606.50	--	34.78	--	3571.72
	07/23/13	3606.50	--	35.11	--	3571.39
	03/25/14	3606.50	--	35.61	--	3570.89
	07/29/14	3606.50	--	35.89	--	3570.61
	03/10/15	3606.50	--	Dry	--	Dry
	07/27/15	3606.50	--	Dry	--	Dry
MW-21	06/08/02	3603.51	--	24.62	--	3578.89
	06/13/02	3603.51	--	24.61	--	3578.90
	06/15/02	3603.51	--	24.63	--	3578.88
	09/20/02	3603.51	--	24.81	--	3578.70
	10/15/02	3603.51	--	24.86	--	3578.65
	10/22/02	3603.51	--	24.88	--	3578.63
	10/25/02	3603.51	--	24.92	--	3578.59
	10/26/02	3603.51	--	24.92	--	3578.59
	11/04/02	3603.51	--	24.93	--	3578.58
	11/05/02	3603.51	--	24.90	--	3578.61
	11/22/02	3603.51	--	24.87	--	3578.64
	11/29/02	3603.51	--	24.90	--	3578.61
	12/16/02	3603.51	--	24.95	--	3578.56
	01/22/03	3603.51	--	24.88	--	3578.63
	02/08/03	3603.51	--	24.89	--	3578.62
	02/14/03	3603.51	--	24.89	--	3578.62
	02/24/03	3603.51	--	24.90	--	3578.61
	04/07/03	3603.51	--	25.00	--	3578.51
	04/24/03	3603.51	--	25.01	--	3578.50
	07/15/03	3603.51	--	25.20	--	3578.31
	08/02/03	3603.51	--	25.28	--	3578.23
	09/11/03	3603.51	--	25.35	--	3578.16
	10/15/03	3603.51	--	25.48	--	3578.03
	01/19/04	3603.51	--	25.68	--	3577.83
	04/19/04	3603.51	--	25.68	--	3577.83
	07/20/04	3603.51	--	25.81	--	3577.70
	10/25/04	3603.51	--	23.56	--	3579.95
MW-21	01/24/05	3603.51	--	22.70	--	3580.81
	04/18/05	3603.51	--	22.64	--	3580.87
	07/18/05	3603.51	--	22.88	--	3580.63
	10/17/05	3603.51	--	22.88	--	3580.63
	01/23/06	3603.51	--	23.13	--	3580.38
	04/24/06	3603.51	--	23.49	--	3580.02
	07/24/06	3603.51	--	23.86	--	3579.65
	10/23/06	3603.51	--	23.82	--	3579.69
	01/23/07	3603.51	--	23.92	--	3579.59

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	04/23/07	3603.51	--	24.15	--	3579.36
	07/23/07	3603.51	--	24.32	--	3579.19
	10/22/07	3603.51	--	24.35	--	3579.16
	01/28/08	3603.51	--	24.45	--	3579.06
	04/21/08	3603.51	--	24.65	--	3578.86
	07/21/08	3603.51	--	24.95	--	3578.56
	10/20/08	3603.51	--	25.17	--	3578.34
	01/19/09	3603.51	--	25.29	--	3578.22
	04/20/09	3603.51	--	25.50	--	3578.01
	07/27/09	3603.51	--	25.79	--	3577.72
	10/26/09	3603.51	--	25.91	--	3577.60
	01/25/10	3603.51	--	26.10	--	3577.41
	04/26/10	3603.51	--	26.26	--	3577.25
	07/26/10	3603.51	--	25.89	--	3577.62
	10/25/10	3603.51	--	25.81	--	3577.70
	01/24/11	3603.51	--	25.16	--	3578.35
	04/18/11	3603.51	--	26.45	--	3577.06
	10/10/11	3603.51	--	26.90	--	3576.61
	05/30/12	3603.51	--	27.52	--	3575.99
	02/27/13	3603.51	--	28.13	--	3575.38
	07/23/13	3603.51	--	28.49	--	3575.02
	03/25/14	3603.51	--	28.95	--	3574.56
	07/29/14	3603.51	--	29.24	--	3574.27
	03/10/15	3603.51	--	29.13	--	3574.38
	07/27/15	3603.51	--	29.36	--	3574.15
MW-22	06/08/02	3603.27	--	24.20	--	3579.07
	06/13/02	3603.27	--	24.41	--	3578.86
	06/15/02	3603.27	--	24.44	--	3578.83
	09/20/02	3603.27	--	24.59	--	3578.68
	10/15/02	3603.27	--	24.69	--	3578.58
	10/22/02	3603.27	--	24.67	--	3578.60
	10/25/02	3603.27	--	24.66	--	3578.61
	10/26/02	3603.27	--	24.70	--	3578.57
	11/04/02	3603.27	--	24.63	--	3578.64
	11/05/02	3603.27	--	24.55	--	3578.72
	11/22/02	3603.27	--	24.55	--	3578.72
	11/29/02	3603.27	--	24.51	--	3578.76
	12/16/02	3603.27	--	24.50	--	3578.77
	01/22/03	3603.27	--	24.40	--	3578.87
	02/08/03	3603.27	--	24.44	--	3578.83
	02/14/03	3603.27	--	24.45	--	3578.82
	02/24/03	3603.27	--	24.50	--	3578.77
	04/07/03	3603.27	--	24.67	--	3578.60
	04/24/03	3603.27	--	24.67	--	3578.60

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-22	07/15/03	3603.27	--	25.00	--	3578.27
	08/02/03	3603.27	--	25.09	--	3578.18
	09/11/03	3603.27	--	25.16	--	3578.11
	10/15/03	3603.27	--	25.30	--	3577.97
	01/19/04	3603.27	--	25.60	--	3577.67
	04/19/04	3603.27	--	25.59	--	3577.68
	07/20/04	3603.27	--	25.35	--	3577.92
	10/25/04	3603.27	--	23.79	--	3579.48
	01/24/05	3603.27	--	22.25	--	3581.02
	04/18/05	3603.27	--	21.95	--	3581.32
	07/18/05	3603.27	--	22.25	--	3581.02
	10/17/05	3603.27	--	22.17	--	3581.10
	01/23/06	3603.27	--	22.49	--	3580.78
	04/24/06	3603.27	--	22.99	--	3580.28
	07/24/06	3603.27	--	23.42	--	3579.85
	10/23/06	3603.27	--	23.09	--	3580.18
	01/23/07	3603.27	--	23.17	--	3580.10
	04/23/07	3603.27	--	23.56	--	3579.71
	07/23/07	3603.27	--	23.57	--	3579.70
	10/22/07	3603.27	--	23.58	--	3579.69
	01/28/08	3603.27	--	23.63	--	3579.64
	04/21/08	3603.27	--	24.01	--	3579.26
	07/21/08	3603.27	--	24.46	--	3578.81
	10/20/08	3603.27	--	24.65	--	3578.62
	01/19/09	3603.27	--	24.73	--	3578.54
	04/20/09	3603.27	--	25.08	--	3578.19
	07/27/09	3603.27	--	25.42	--	3577.85
	10/26/09	3603.27	--	25.40	--	3577.87
	01/25/10	3603.27	--	25.68	--	3577.59
	04/26/10	3603.27	--	25.84	--	3577.43
	07/26/10	3603.27	--	25.61	--	3577.66
	10/25/10	3603.27	--	25.20	--	3578.07
	01/24/11	3603.27	--	25.72	--	3577.55
	04/18/11	3603.27	--	26.10	--	3577.17
	10/10/11	3603.27	--	26.75	--	3576.52
	05/30/12	3603.27	--	27.59	--	3575.68
	02/27/13	3603.27	--	Dry	--	Dry
	07/23/13	3603.27	--	28.63	--	3574.64
	03/25/14	3603.27	--	29.03	--	3574.24
	07/29/14	3603.27	--	29.51	--	3573.76
	03/10/15	3603.27	--	28.84	--	3574.43
	07/27/15	3603.27	--	28.80	--	3574.47
MW-23	06/08/02	3604.62	--	25.15	--	3579.47
	06/13/02	3604.62	--	25.13	--	3579.49

**Historical Groundwater Elevation Data
Phillips 66 Company
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Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-23	06/15/02	3604.62	--	25.15	--	3579.47
	09/20/02	3604.62	--	25.30	--	3579.32
	10/15/02	3604.62	--	25.40	--	3579.22
	10/22/02	3604.62	--	25.38	--	3579.24
	10/25/02	3604.62	--	25.40	--	3579.22
	10/26/02	3604.62	--	25.39	--	3579.23
	11/04/02	3604.62	--	25.40	--	3579.22
	11/05/02	3604.62	--	25.40	--	3579.22
	11/22/02	3604.62	--	25.41	--	3579.21
	11/29/02	3604.62	--	25.34	--	3579.28
	12/16/02	3604.62	--	25.15	--	3579.47
	01/22/03	3604.62	--	25.15	--	3579.47
	02/08/03	3604.62	--	25.17	--	3579.45
	02/14/03	3604.62	--	25.26	--	3579.36
	02/24/03	3604.62	--	25.40	--	3579.22
	04/07/03	3604.62	--	25.45	--	3579.17
	04/24/03	3604.62	--	25.48	--	3579.14
	07/15/03	3604.62	--	25.70	--	3578.92
	08/02/03	3604.62	--	25.77	--	3578.85
	09/11/03	3604.62	--	25.85	--	3578.77
	10/15/03	3604.62	--	26.02	--	3578.60
	01/19/04	3604.62	--	26.31	--	3578.31
	04/19/04	3604.62	--	26.34	--	3578.28
	07/20/04	3604.62	--	26.17	--	3578.45
	10/25/04	3604.62	--	24.56	--	3580.06
	01/24/05	3604.62	--	23.25	--	3581.37
	04/18/05	3604.62	--	22.85	--	3581.77
	07/18/05	3604.62	--	23.04	--	3581.58
	10/17/05	3604.62	--	22.97	--	3581.65
	01/23/06	3604.62	--	23.22	--	3581.40
	04/24/06	3604.62	--	23.69	--	3580.93
	07/24/06	3604.62	--	24.12	--	3580.50
	10/23/06	3604.62	--	23.85	--	3580.77
	01/23/07	3604.62	--	23.86	--	3580.76
	04/23/07	3604.62	--	24.24	--	3580.38
	07/23/07	3604.62	--	24.28	--	3580.34
	10/22/07	3604.62	--	24.26	--	3580.36
	01/28/08	3604.62	--	24.34	--	3580.28
	04/21/08	3604.62	--	24.66	--	3579.96
	07/21/08	3604.62	--	25.09	--	3579.53
	10/20/08	3604.62	--	25.32	--	3579.30
	01/19/09	3604.62	--	25.40	--	3579.22
	04/20/09	3604.62	--	25.70	--	3578.92
	07/27/09	3604.62	--	26.07	--	3578.55
	10/26/09	3604.62	--	26.10	--	3578.52

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	01/25/10	3604.62	--	26.39	--	3578.23
	04/26/10	3604.62	--	26.59	--	3578.03
	07/26/10	3604.62	--	26.37	--	3578.25
	10/25/10	3604.62	--	26.01	--	3578.61
	01/24/11	3604.62	--	26.45	--	3578.17
	04/18/11	3604.62	--	26.82	--	3577.80
	10/10/11	3604.62	--	27.45	--	3577.17
	05/30/12	3604.62	--	28.29	--	3576.33
	02/27/13	3604.62	--	28.93	--	3575.69
	07/23/13	3604.62	--	29.38	--	3575.24
	03/25/14	3604.62	--	29.83	--	3574.79
	07/29/14	3604.62	--	30.20	--	3574.42
	03/10/15	3604.62	--	29.66	--	3574.96
	07/27/15	3604.62	--	29.70	--	3574.92
MW-24	01/25/10	3608.89	--	30.11	--	3578.78
	04/26/10	3608.89	--	30.29	--	3578.60
	07/26/10	3608.89	--	30.08	--	3578.81
	10/25/10	3608.89	--	29.96	--	3578.93
	01/24/11	3608.89	--	30.24	--	3578.65
	04/18/11	3608.89	--	30.51	--	3578.38
	10/10/11	3608.89	--	30.92	--	3577.97
	05/30/12	3608.89	--	31.59	--	3577.30
	02/27/13	3608.89	--	32.23	--	3576.66
	07/23/13	3608.89	--	32.59	--	3576.30
	03/25/14	3608.89	--	33.12	--	3575.77
	07/29/14	3608.89	--	33.43	--	3575.46
	03/10/15	3608.89	--	33.35	--	3575.54
	07/27/15	3608.89	--	33.46	--	3575.43
MW-25	01/25/10	3609.81	--	31.00	--	3578.81
	04/26/10	3609.81	--	31.19	--	3578.62
	07/26/10	3609.81	--	30.96	--	3578.85
	10/25/10	3609.81	--	30.87	--	3578.94
	01/24/11	3609.81	--	31.14	--	3578.67
	04/18/11	3609.81	--	31.40	--	3578.41
	10/10/11	3609.81	--	31.79	--	3578.02
	05/30/12	3609.81	--	32.43	--	3577.38
	02/27/13	3609.81	--	33.09	--	3576.72
	07/23/13	3609.81	--	33.42	--	3576.39
	03/25/14	3609.81	--	33.94	--	3575.87
	07/29/14	3609.81	--	34.25	--	3575.56
	03/10/15	3609.81	--	34.20	--	3575.61
	07/27/15	3609.81	--	34.30	--	3575.51

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
MW-26	01/25/10	3604.86	--	26.54	--	3578.32
	04/26/10	3604.86	--	26.71	--	3578.15
	07/26/10	3604.86	--	26.50	--	3578.36
	10/25/10	3604.86	--	26.19	--	3578.67
	01/24/11	3604.86	--	26.61	--	3578.25
	04/18/11	3604.86	--	26.94	--	3577.92
	10/10/11	3604.86	--	27.51	--	3577.35
	05/30/12	3604.86	--	28.32	--	3576.54
	02/27/13	3604.86	--	29.01	--	3575.85
	07/23/13	3604.86	--	29.43	--	3575.43
	03/25/14	3604.86	--	29.90	--	3574.96
	07/29/14	3604.86	--	30.31	--	3574.55
	03/10/15	3604.86	--	29.85	--	3575.01
	07/27/15	3604.86	--	29.90	--	3574.96
MW-27	01/25/10	3604.99	--	26.70	--	3578.29
	04/26/10	3604.99	--	26.87	--	3578.12
	07/26/10	3604.99	--	26.66	--	3578.33
	10/25/10	3604.99	--	26.35	--	3578.64
	01/24/11	3604.99	--	26.77	--	3578.22
	04/18/11	3604.99	--	27.10	--	3577.89
	10/10/11	3604.99	--	27.67	--	3577.32
	05/30/12	3604.99	--	28.46	--	3576.53
	02/27/13	3604.99	--	29.11	--	3575.88
	07/23/13	3604.99	--	29.55	--	3575.44
	03/25/14	3604.99	--	30.02	--	3574.97
	07/29/14	3604.99	--	30.40	--	3574.59
	03/10/15	3604.99	--	29.97	--	3575.02
	07/27/15	3604.99	--	30.01	--	3574.98
SVE-10	06/15/02	3605.12	--	25.24	--	3579.88
	11/04/02	3605.12	--	25.43	--	3579.69
	11/05/02	3605.12	--	25.44	--	3579.68
	11/22/02	3605.12	--	25.58	--	3579.54
	11/29/02	3605.12	--	25.63	--	3579.49
	12/16/02	3605.12	--	25.68	--	3579.44
	01/22/03	3605.12	--	25.70	--	3579.42
	02/08/03	3605.12	--	25.73	--	3579.39
	02/14/03	3605.12	--	25.70	--	3579.42
	02/24/03	3605.12	--	25.73	--	3579.39
	04/07/03	3605.12	--	25.93	--	3579.19
	04/24/03	3605.12	--	25.84	--	3579.28
	07/15/03	3605.12	--	25.86	--	3579.26
	08/02/03	3605.12	--	25.93	--	3579.19
	10/15/03	3605.12	--	25.94	--	3579.18

**Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Monitoring Well ID</i>	<i>Sample Date</i>	<i>Casing Elevation (famsl)</i>	<i>Depth to LPH (fbgs)</i>	<i>Depth to Water (ft)</i>	<i>LPH Thickness (ft)</i>	<i>Corrected Groundwater Elevation (famsl)</i>
	01/19/04	3605.12	--	26.79	--	3578.33
	04/19/04	3605.12	--	26.62	--	3578.50
	07/20/04	3605.12	--	26.86	--	3578.26
	10/25/04	3605.12	--	25.22	--	3579.90
	01/24/05	3605.12	--	24.01	--	3581.11
	04/18/05	3605.12	--	23.79	--	3581.33
	07/18/05	3605.12	--	23.91	--	3581.21
	10/17/05	3605.12	--	23.89	--	3581.23
	01/23/06	3605.12	--	24.11	--	3581.01
	04/24/06	3605.12	--	24.50	--	3580.62
	07/24/06	3605.12	--	24.87	--	3580.25
	10/23/06	3605.12	--	24.76	--	3580.36
	01/23/07	3605.12	--	24.84	--	3580.28
	04/23/07	3605.12	--	25.11	--	3580.01
	07/23/07	3605.12	--	25.24	--	3579.88
	10/22/07	3605.12	--	25.27	--	3579.85
	01/28/08	3605.12	--	25.34	--	3579.78
	04/21/08	3605.12	--	25.56	--	3579.56
	07/21/08	3605.12	--	25.87	--	3579.25
	10/20/08	3605.12	--	26.10	--	3579.02
	01/19/09	3605.12	--	26.20	--	3578.92
	04/20/09	3605.12	--	26.44	--	3578.68
	07/27/09	3605.12	--	26.70	--	3578.42
	10/26/09	3605.12	--	26.83	--	3578.29
	01/25/10	3605.12	--	27.10	--	3578.02
	04/26/10	3605.12	--	27.26	--	3577.86
	07/26/10	3605.12	--	27.03	--	3578.09
	10/25/10	3605.12	--	26.82	--	3578.30
	01/24/11	3605.12	--	27.19	--	3577.93
	04/18/11	3605.12	--	27.47	--	3577.65
	10/10/11	3605.12	--	27.95	--	3577.17
	05/30/12	3605.12	--	28.47	--	3576.65
	02/27/13	3605.12	--	Dry	--	Dry
	07/23/13	3605.12	--	Dry	--	Dry
	03/25/14	3605.12	--	Dry	--	Dry
	07/29/14	3605.12	--	28.47	--	3576.65
	03/10/15	3605.12	--	Dry	--	Dry
	07/27/15	3605.12	--	28.60	--	3576.52

Notes:

LPH = Liquid Phase Hydrocarbon

nm = not measured

Blank Fields Indicate No Data

Before September, 2013, Groundwater elevations in wells containing PSH were corrected with an

After September, 2013, Groundwater elevations in wells containing PSH were corrected with

2015 Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-3	03/12/15	0.247	<0.001	0.129	0.0299	2.2	66.2
DUP	03/12/15	0.331	0.0011	0.142	0.0539	3.1	57.0
	07/29/15	0.431	0.217	<0.005	0.243	6.9	20.9
DUP	07/29/15	0.525	0.28	<0.005	0.403	10.1	3.0
MW-6	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	4.0
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	2.2
MW-8	03/11/15	0.0249	<0.001	0.0066	<0.003	2.4	2.3
DUP	03/11/15	0.0179	<0.001	0.0050	<0.003	1.9	9.8
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	1.5
MW-10	03/12/15	7.57	<0.020	0.128	<0.060	21.1	2.0
MW-12	03/11/15	1.24	<0.025	<0.025	<0.075	5.3	1.1
	07/29/15	0.229	<0.005	<0.005	<0.015	1.2	0.83
MW-13	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-14	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-16	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-18	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	0.69
	07/29/15	<0.001	<0.001	<0.001	<0.003	0.53	0.75
MW-21	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-24	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-25	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48

2015 Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-26	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

Notes:

NMWQCC: New Mexico Water Quality Control Commission

Analytical results are presented in milligrams per liter (mg/L).

< = Analyte was not detected at or above the reported detection limit.

ne = not established TPH-GRO = Total Volatile Petroleum Hydrocarbons (TVPH)

TPH-DRO = Total Extractable Petroleum Hydrocarbons (TEPH)

Shaded/bolded values exceed their respective NMWQCC Standard for Ground Water.

Dup = Duplicate Sample

Table 4

**Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-2	07/29/09	15.0	2.0	0.640	1.54	62.0	10.0
	10/28/09	9.80	0.82	0.420	0.93	36.0	2.6
	01/27/10	0.001	0.001	0.011	0.001	0.71	2.2
MW-3	01/23/03	1.44	0.019	0.030	0.079	5.56	13.6
	04/24/08	13.0	0.540	0.660	1.44	120	13
	07/25/08	10.0	0.130	0.460	0.85	59	22
	10/22/08	15.0	0.270	0.490	1.10	NA	2.3
	07/29/09	9.20	0.080	0.330	0.70	33	3.7
	10/28/09	6.40	0.026	0.270	0.59	22	3.9
	01/27/10	7.70	0.022	0.310	0.38	48	2.6
	04/28/10	6.30	0.053	0.350	0.71	26	8.0
	05/31/12	2.54	<0.025	0.158	0.307	13	18.1
	03/12/15	0.247	<0.001	0.129	0.0299	2.2	66.2
DUP	03/12/15	0.331	0.0011	0.142	0.0539	3.1	57.0
	07/29/15	0.431	0.217	<0.005	0.243	6.9	20.9
DUP	07/29/15	0.525	0.28	<0.005	0.403	10.1	3.0
MW-4	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.002	<0.002
	04/06/00	0.019	0.001	0.001	0.003	<0.001	<0.001
	08/02/00	0.002	<0.5	<0.5	<0.002	<0.98	<0.98
	11/15/00	0.024	0.001	0.001	<0.002	0.52	<0.50
	03/06/01	0.110	0.002	0.009	0.016	1.7	<0.55
	06/25/01	0.066	0.001	0.001	<0.002	0.83	<0.59
	09/26/01	0.080	0.001	0.004	0.006	0.55	<0.50
	12/12/01	0.039	0.002	<0.0010	<0.0010	0.369	<0.101
	05/21/02	0.078	0.008	0.002	0.006	0.567	<0.103
	10/16/02	0.045	<0.001	0.003	0.005	0.177	<0.102
	01/23/03	0.268	0.160	0.008	0.089	1.58	0.141
	04/25/03	0.589	0.372	0.016	0.114	2.4	0.159
	07/14/03	0.055	0.046	0.005	0.011	0.405	<0.10
	10/17/03	0.007	0.003	<0.001	<0.003	<0.10	0.59
	01/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/28/04	0.002	<0.001	<0.001	<0.003	<0.10	0.19
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.19
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.31
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.093
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.23

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-4	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.34
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.058
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.26
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.051
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.062
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.17
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.072
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-5	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.0020	<0.0020
	04/06/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.99	<0.99
	11/15/00	0.001	0.001	<0.5	<0.002	0.26	0.92
	03/06/01	0.008	0.007	0.001	<0.002	0.66	<0.54
	06/25/01	0.019	0.026	0.002	<0.002	0.87	<0.53
	09/26/01	0.085	0.046	0.003	0.018	0.76	<0.50
	12/12/01	0.164	0.106	0.007	0.050	1.42	<0.101
	05/21/02	0.146	0.119	0.011	0.032	1.23	<0.101
	10/16/02	0.273	0.179	<0.010	0.042	1.60	0.188
	01/23/03	1.98	1.48	0.068	0.594	10	0.548
	04/25/03	1.19	0.863	0.058	0.318	6.37	0.256
	07/14/03	0.119	0.123	0.013	0.042	0.842	<0.10
	10/17/03	0.022	0.022	0.003	0.010	<0.10	0.99
	01/22/04	0.032	0.012	0.001	<0.003	0.16	<0.048
	04/22/04	0.020	0.023	0.002	0.004	0.32	<0.20

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
duplicate	04/22/04	0.021	0.027	0.002	0.006	0.37	<0.20
	07/23/04	0.011	0.010	0.001	<0.003	0.13	<0.048
	10/28/04	0.028	0.029	0.002	0.008	0.20	0.077
	01/26/05	0.009	0.009	0.002	0.005	<0.10	0.069
duplicate	01/26/05	0.009	0.009	0.002	0.005	<0.10	0.098
	04/20/05	0.079	0.036	<0.001	0.043	0.42	0.064
	07/20/05	0.005	0.004	<0.001	<0.003	<0.10	0.083
	10/19/05	0.014	0.010	<0.001	0.011	<0.10	0.089
	01/25/06	0.002	0.003	<0.001	<0.003	<0.10	0.53
	04/26/06	<0.001	0.001	<0.001	<0.003	<0.10	0.11
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.19
	10/25/06	<0.001	0.001	<0.001	<0.003	<0.10	0.08
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.23
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.34
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	2.4
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	0.007	0.006	<0.001	0.049	0.29	0.34
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.065
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.15
	04/27/10	<0.001	0.001	<0.001	<0.001	<0.10	0.078
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	0.004	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
duplicate	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-6	01/13/00	3.30	2.00	0.240	0.580	<0.002	<0.002
	04/06/00	3.90	1.10	0.270	0.540	<0.001	<0.001
	07/20/05	2.00	0.92	0.340	0.870	12	3.0
	10/20/05	1.70	1.10	0.300	0.940	1.7	5.9
MW-6	01/26/06	2.00	0.77	0.25	0.70	16	5.8
	07/27/06	1.90	0.25	0.28	0.38	11	22

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	10/26/06	1.60	0.81	0.36	0.69	14	15
	01/26/07	1.10	0.75	0.28	0.50	14	29
	04/26/07	1.50	1.20	0.31	0.66	15	6.7
	07/25/07	0.69	0.36	0.17	0.25	6.6	4.6
	10/25/07	0.55	0.39	0.15	0.18	4.5	4.4
duplicate	10/25/07	0.93	0.84	0.22	0.38	8.5	21.0
	01/31/08	1.20	1.20	0.31	0.52	11	8.9
duplicate	01/31/08	1.20	1.10	0.30	0.55	12	9.1
	04/24/08	1.50	1.50	0.41	0.84	20	13
	07/25/08	0.72	0.69	0.25	0.41	8.4	17
	10/22/08	0.55	0.30	0.24	0.261	NA	0.56
	01/21/09	0.35	0.27	0.20	0.247	4.2	4.1
	04/22/09	0.34	0.28	0.18	0.275	11	5.8
	07/29/09	0.18	0.21	0.18	0.247	4.2	2.2
	10/28/09	0.20	0.13	0.29	0.31	6.9	5.1
	01/27/10	0.098	0.050	0.18	0.164	4.2	3
	04/28/10	0.047	0.017	0.12	0.071	2.7	0.72
	07/28/10	0.040	0.014	0.18	0.102	3.1	2.9
	10/27/10	0.020	0.003	0.13	0.022	2.8	1.0
	01/26/11	0.027	0.003	0.13	0.009	2.4	12
	10/13/11	0.003	<0.001	0.039	<0.003	<0.5	1.4
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.5	1.5
	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	0.76
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	3.5
	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	1.2
	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	4.0
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	2.2
MW-7	05/31/12	9.75	<0.1	0.635	1.64	988.0	37.8
	02/28/13	6.49	<0.10	0.333	0.326	24.6	21.4
	07/29/13	4.13	<0.01	0.493	<0.03	21.0	118
MW-8	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.002	<0.002
	04/06/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.94	<0.94
	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.001	0.86
	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.001	<0.54
	06/25/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.55
MW-8	09/26/01	0.054	0.001	<0.5	0.002	0.24	<0.50
	12/12/01	0.593	0.018	0.009	0.048	1.56	0.107

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
DUP	05/21/02	0.912	0.057	0.050	0.092	2.90	<0.101
	10/16/02	NA	NA	NA	NA	NA	0.269
	01/22/03	2.52	0.406	0.252	0.398	10.5	1.73
	01/31/08	2.30	0.270	0.340	0.890	30	130
	05/31/12	4.61	<0.1	0.152	<0.3	7	165
	02/28/13	1.92	0.0227	0.0746	0.0819	8.7	8
	07/29/13	1.30	<0.01	0.0609	<0.03	5.5	9.6
	03/26/14	1.88	<0.01	0.0612	<0.03	8.9	<0.50
	07/30/14	0.955	0.0514	<0.01	<0.03	2.7	<0.50
	03/11/15	0.0249	<0.001	0.0066	<0.003	2.4	2.3
	03/11/15	0.0179	<0.001	0.0050	<0.003	1.9	9.8
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	1.5
MW-9	04/24/08	21.0	0.940	0.570	1.38	79	25
MW-10	01/13/00	4.10	0.490	0.440	0.720	<0.002	<0.002
	04/06/00	0.40	0.053	0.066	0.098	<0.001	<0.001
	08/02/00	0.22	0.012	0.027	0.055	<1.10	<1.10
	05/31/12	7.43	<0.1	<0.1	<0.3	<50	20
	02/28/13	3.18	<0.05	<0.05	<0.15	8.6	3.1
	07/29/13	3.63	<0.02	0.0385	0.0601	11.6	2.0
	03/12/15	7.57	<0.020	0.128	<0.060	21.1	2.0
MW-11	04/06/00	4.10	2.40	0.29	0.420	1.60	1.60
	08/02/00	3.90	2.10	0.26	0.510	2.50	2.50
	11/15/00	4.80	2.50	0.22	0.350	30	<0.53
	03/06/01	5.30	3.40	0.34	0.580	41	0.59
	06/25/01	5.10	3.70	0.34	<0.040	49	0.87
	04/24/08	7.40	0.360	0.68	1.80	34	28
	07/25/08	7.60	0.460	0.99	2.45	36	20
	10/22/08	8.60	0.460	1.00	2.70	NA	6.1
MW-11	01/21/09	6.60	0.210	0.72	1.91	28	6.8
	07/29/09	5.90	0.080	0.77	2.02	39	7.1
	10/28/09	5.20	0.043	0.88	2.41	29	8.6
	01/27/10	5.60	0.076	0.97	2.48	67	10
	07/28/10	3.80	1.50	0.70	1.67	29	10
MW-12	04/06/00	2.00	0.200	0.110	0.200	<1.20	<1.20
	08/02/00	2.90	0.022	0.097	0.160	<0.97	<0.97
	11/15/00	4.10	0.087	0.170	0.220	21	1.40
	03/06/01	4.30	0.120	0.210	0.290	24	<0.56

**Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-12	06/25/01	4.10	0.120	0.220	<0.040	30	1.10
	09/26/01	3.30	0.120	0.150	0.200	19	0.85
	12/12/01	3.52	0.290	0.258	0.376	18.5	0.285
	05/21/02	4.04	0.265	0.195	0.284	16.4	0.104
	10/16/02	NA	NA	NA	NA	NA	0.351
	01/23/03	3.61	0.346	0.261	0.437	20.1	0.442
	04/25/03	3.51	0.202	0.078	0.437	13.2	0.594
	07/14/03	3.90	0.316	0.357	0.575	17.1	0.598
	10/20/03	1.90	0.030	0.130	0.220	6.40	0.23
	01/21/04	2.70	0.130	0.300	0.450	12	0.25
	04/21/04	2.90	<0.010	0.095	0.150	11	<0.20
	07/23/04	3.20	<0.010	0.066	0.160	12	0.33
duplicate	07/23/04	3.30	<0.010	0.071	0.160	12	0.33
	10/28/04	3.20	0.016	0.046	0.140	14	0.52
	01/27/05	4.00	<0.020	0.066	0.130	15	1.20
duplicate	01/27/05	3.90	<0.020	0.067	0.130	15	1.30
	04/21/05	2.70	0.041	0.120	0.140	12	1.20
duplicate	04/21/05	2.60	0.038	0.110	0.140	12	1.00
	07/21/05	3.00	0.051	0.160	0.170	13	0.85
duplicate	07/21/05	2.80	0.054	0.150	0.160	13	0.73
	10/20/05	2.30	<0.001	0.095	0.170	15	1.0
duplicate	10/20/05	2.10	0.021	0.100	0.160	13	0.95
	01/26/06	2.80	<0.001	0.059	0.140	14	0.89
duplicate	01/26/06	2.90	0.013	0.160	0.150	14	0.43
	04/27/06	2.70	<0.001	0.130	0.120	12	0.84
duplicate	04/27/06	2.90	<0.001	0.120	0.130	13	1.00
	07/27/06	3.60	<0.001	0.150	0.160	15	1.00
duplicate	07/27/06	3.70	<0.001	0.150	0.160	15	1.30
	10/26/06	3.40	<0.001	0.120	0.170	13	0.64
duplicate	10/26/06	3.40	<0.001	0.190	0.180	14	0.92
	01/26/07	3.00	<0.001	0.160	0.160	14	1.00
duplicate	01/26/07	3.20	<0.001	0.150	0.170	15	1.30
	04/26/07	3.20	<0.001	0.230	0.200	14	0.58
duplicate	04/26/07	3.10	<0.001	0.200	0.200	14	0.60
	07/25/07	3.00	<0.001	0.110	0.140	14	0.86
duplicate	07/25/07	3.50	0.004	0.210	0.220	15	1.7
	10/25/07	2.70	<0.001	0.096	0.140	12	0.60
duplicate	10/25/07	2.90	<0.001	0.180	0.180	14	0.95
	01/31/08	2.80	<0.001	0.200	0.180	12	0.63
duplicate	01/31/08	3.10	<0.001	0.280	0.255	13	0.67
	04/24/08	3.40	<0.010	0.240	0.225	15	<0.10

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
duplicate	04/24/08	2.90	<0.010	0.220	0.201	13	0.75
	07/25/08	2.70	<0.0025	0.130	0.100	8.9	0.53
duplicate	07/25/08	2.50	<0.0025	0.120	0.090	8.7	0.47
	10/22/08	5.00	0.007	0.350	0.300	NA	0.52
duplicate	10/22/08	4.60	0.007	0.340	0.287	NA	0.41
	01/21/09	3.50	<0.010	0.220	0.193	14	0.48
duplicate	01/21/09	3.00	<0.0020	0.240	0.180	14	0.47
	04/22/09	3.60	0.002	0.190	0.181	11	0.15
duplicate	04/22/09	3.90	0.001	0.230	0.221	14	0.28
	07/29/09	4.10	0.002	0.180	0.206	16	0.37
duplicate	07/29/09	4.30	0.002	0.200	0.220	17	0.28
	10/28/09	4.50	0.002	0.180	0.209	17	0.42
duplicate	10/28/09	4.30	0.003	0.210	0.260	18	0.47
	01/27/10	4.50	0.002	0.170	0.174	18	0.45
duplicate	01/27/10	4.20	0.002	0.140	0.176	16	0.46
	04/28/10	4.40	<0.010	0.140	0.190	15	0.47
duplicate	04/28/10	4.40	<0.010	0.150	0.200	15	0.46
	07/28/10	5.50	<0.005	0.120	0.180	19	0.56
duplicate	07/28/10	5.50	<0.025	0.140	0.190	20	0.52
	10/27/10	5.30	<0.010	0.140	0.190	16	0.48
duplicate	10/27/10	4.90	<0.010	0.150	0.210	15	0.56
	01/26/11	4.00	<0.010	0.140	0.160	14	1.0
duplicate	01/26/11	4.90	<0.010	0.110	0.130	16	0.89
MW-12	10/13/11	7.27	<0.001	0.030	0.041	32	0.52
	05/31/12	9.48	<0.1	0.149	0.365	15	0.56
	02/28/13	9.10	<0.10	<0.10	<0.30	33.0	0.58
	07/29/13	4.51	<0.01	0.010	0.163	18.0	<0.50
	03/26/14	3.67	<0.025	<0.025	<0.075	14.0	<0.50
	07/30/14	2.6	<0.025	<0.025	<0.075	6.7	0.54
	03/11/15	1.24	<0.025	<0.025	<0.075	5.3	1.1
	07/29/15	0.229	<0.005	<0.005	<0.015	1.2	0.83
MW-13	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.99	<0.99
	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	1.10
	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	0.50
	06/25/01	0.480	0.001	<0.5	<0.002	2	<0.53
	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.51
	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	0.132
MW-13	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	10/16/02	NA	NA	NA	NA	NA	<0.102

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	01/22/03	<1	<1	<1	<1	<0.10	<0.105
	04/24/03	<1	<1	<1	<1	<0.10	<0.105
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.112
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.26
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.077
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.120
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.096
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.086
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
duplicate	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-14	06/02/00	0.370	0.005	0.002	0.011	<0.001	<0.001
	08/02/00	0.760	0.002	0.003	0.013	<0.001	<0.001
	11/15/00	0.840	0.001	<0.5	0.011	2.6	1.5
	03/06/01	0.730	<0.0025	<0.0025	0.011	2.8	<0.56
	06/25/01	0.340	0.001	<0.5	<0.002	1.4	NS
	09/26/01	0.370	<0.001	<0.001	<4.0	0.96	<0.50
	12/12/01	0.393	<0.010	<0.010	<0.010	0.89	0.148
	05/21/02	0.042	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	10/16/02	0.228	<0.0010	<0.0010	<0.0010	0.629	0.206
	01/23/03	0.130	<0.0010	<0.0010	<0.0010	0.375	0.108
	04/25/03	0.025	<0.0010	<0.0010	<0.0010	0.10	0.104
	07/14/03	0.057	<0.001	<0.001	<0.001	0.264	0.215
	10/20/03	<0.001	<0.001	<0.001	<0.003	0.11	0.14
	01/21/04	0.034	<0.001	<0.001	<0.003	0.18	0.12
	04/21/04	0.005	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	0.004	<0.001	<0.001	<0.003	<0.10	0.059
	10/28/04	0.002	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	0.006	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	0.004	<0.001	<0.001	<0.003	<0.10	0.086
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.058
	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
	04/27/06	<0.001	<0.001	0.001	<0.003	<0.10	0.055
	07/27/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.077
	10/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	0.11	0.18
	04/26/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.13
	07/25/07	<0.001	<0.001	<0.001	<0.003	0.10	0.20
	10/25/07	<0.001	<0.001	<0.001	<0.003	0.12	0.098
	01/30/08	<0.001	<0.001	<0.001	<0.003	0.11	0.12
	04/23/08	0.001	<0.001	<0.001	<0.001	0.10	0.64
	07/24/08	0.001	<0.001	<0.001	<0.001	<0.10	0.11
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.1
	01/21/09	0.001	<0.001	<0.001	<0.001	<0.10	0.086
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.37
MW-14	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.063
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.075
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.068
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.14

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.13
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.076
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-15	06/02/00	0.83	0.77	0.130	0.170	2.1	2.1
	08/02/00	0.33	0.25	0.042	0.052	2.8	2.8
	11/15/00	2.00	2.00	0.470	0.650	29	3.0
	07/20/05	0.014	<0.001	0.008	<0.003	1.1	15
	10/19/05	0.003	<0.001	0.005	<0.003	0.70	7.8
	01/25/06	0.005	0.010	<0.001	<0.003	0.89	23
	04/26/06	0.004	0.010	0.006	<0.003	0.87	30
	07/26/06	<0.001	<0.001	0.003	<0.003	0.45	9.3
	10/25/06	<0.001	<0.001	4.7 F	<0.003	0.43	8.0
	01/25/07	<0.001	<0.001	<0.001	<0.003	0.32	7.0
	04/25/07	<0.001	<0.001	0.004	<0.003	0.43	3.6
	07/24/07	0.005	<0.001	0.005	<0.003	0.22	3.3
	10/24/07	<0.001	<0.001	0.003	<0.003	0.26	3.9
	01/30/08	0.002	<0.001	<0.001	<0.003	0.55	5.7
	04/23/08	0.001	<0.001	<0.001	0.001	0.43	11,000
	07/24/08	<0.010	<0.010	<0.010	<0.010	<0.001	0.37
	10/21/08	<0.001	0.002	<0.001	0.004	NA	2.6
	01/21/09	<0.001	<0.001	<0.001	0.001	0.38	14
	04/21/09	<0.001	<0.001	<0.001	0.001	0.20	27
	07/28/09	<0.001	<0.001	<0.001	<0.001	0.30	7.3
	10/27/09	<0.001	<0.001	<0.001	<0.001	0.16	8.5
	01/26/10	<0.001	<0.001	<0.001	<0.001	0.15	3
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	4.3
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	1.9
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.48
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	3.5
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-15	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-16	06/02/00	0.001	0.001	0.021	0.007	<0.001	<0.001
	08/02/00	<0.5	<0.5	0.013	<0.002	<0.001	<0.001
	11/15/00	<0.5	0.001	0.004	<0.002	0.20	<0.50

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-16	03/06/01	<0.5	0.001	0.008	<0.002	0.31	<0.56
	06/25/01	<0.5	<0.5	<0.5	<0.002	0.30	<0.56
	09/26/01	<0.5	0.001	<0.5	<0.002	0.19	<0.50
	12/12/01	0.002	<0.0010	<0.0010	<0.0010	0.132	0.248
	05/21/02	0.001	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	10/15/02	NA	NA	NA	NA	NA	NA
	01/22/03	0.001	<1	<1	<1	<0.10	0.124
	04/24/03	<1	<1	<1	<1	<0.10	0.124
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.276
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.98
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.08
	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.050
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.084
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.063
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.12
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.12
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.25
	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.072
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.055
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.25
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5

**Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-17	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	0.006	<0.5	0.009	<0.002	<0.97	<0.97
	11/15/00	0.004	0.002	0.005	0.002	0.65	5.6
	03/06/01	0.007	0.002	0.039	0.014	0.98	<0.54
	06/25/01	0.001	<0.5	0.001	<0.002	0.44	NS
	09/26/01	0.001	0.002	0.001	<0.002	0.49	<0.50
	12/12/01	0.008	<0.0010	0.050	0.040	1.12	1.82
	05/21/02	0.004	<0.0010	0.002	<0.0010	0.423	0.834
	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	0.105	NA
	01/22/03	<1	<1	<1	<1	<0.001	0.124
	04/24/03	<1	<1	<1	<1	<0.001	0.124
	07/14/03	<0.0010	<1	<1	<1	<0.001	0.126
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.072
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.068
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.056
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.480
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.230
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.08
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.25
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.31
	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.33
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	0.21
MW-18	06/02/00	0.60	0.001	0.120	0.045	<0.001	<0.001
	08/02/00	0.78	<0.5	0.150	0.046	<0.99	<0.99
	11/15/00	0.85	0.001	0.093	0.050	4.60	1.10
	03/06/01	0.84	<0.0025	0.160	0.065	8.70	<0.55
	06/25/01	0.66	0.003	0.150	<0.002	1.0	0.59
	09/26/01	0.50	<0.005	0.093	0.039	4.4	<0.51
	12/12/01	0.529	<0.010	0.127	0.054	4.05	0.261
	05/21/02	0.483	<0.0010	0.105	0.052	4.48	<0.101

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-18	10/16/02	NA	NA	NA	NA	NA	0.174
	01/23/03	0.121	<1	0.011	0.016	1.86	<0.10
	04/25/03	0.591	<1	0.135	0.061	4.08	0.183
	07/14/03	0.589	<0.010	0.219	0.101	6.39	0.438
	10/20/03	0.30	0.002	<0.001	<0.003	1.90	0.13
	01/21/04	0.26	<0.001	0.130	0.073	4.30	0.11
	04/21/04	0.36	<0.001	0.069	0.055	3.0	<0.20
	07/22/04	0.52	<0.001	0.110	0.070	4.0	0.15
	10/28/04	0.30	<0.001	0.009	0.019	1.6	0.12
	01/26/05	0.31	<0.001	0.014	0.024	1.8	0.15
	04/20/05	0.55	<0.001	0.049	0.031	2.7	0.15
	07/21/05	<0.001	<0.001	<0.001	<0.003	3.5	0.11
	10/20/05	0.82	0.008	0.049	0.037	3.7	0.18
	01/26/06	0.89	0.033	0.037	0.046	3.9	0.12
	04/27/06	1.60	0.054	0.071	0.083	6.1	0.14
	07/27/06	2.40	0.140	0.086	0.110	8.7	0.54
	10/26/06	2.60	0.100	0.200	0.400	8.9	0.19
	01/26/07	2.70	<0.001	0.110	0.096	9.3	0.27
	04/26/07	3.00	<0.001	0.230	0.200	9.2	0.30
	07/25/07	2.70	<0.001	0.096	0.087	9.6	0.42
	10/25/07	2.60	<0.001	0.081	0.083	7.9	0.29
	01/30/08	3.50	<0.001	0.078	0.051	7	0.29
	04/24/08	3.10	<0.010	0.080	0.059	8.6	0.31
	07/24/08	4.80	<0.005	0.058	0.039	10	0.22
	10/22/08	5.20	0.002	0.140	0.108	NA	0.25
	01/21/09	3.90	<0.025	0.100	0.064	11	0.24
	04/22/09	4.40	<0.001	0.120	0.118	12	0.19
	07/29/09	5.00	<0.001	0.140	0.142	15	0.26
	10/28/09	4.50	<0.001	0.120	0.125	12	0.29
	01/27/10	5.00	<0.001	0.130	0.152	15	0.3
	04/28/10	4.30	<0.010	0.170	0.209	13	0.37
	07/28/10	5.60	<0.020	0.130	0.203	17	0.54
	10/27/10	5.90	<0.005	0.180	0.210	15	0.39
	01/26/11	4.10	<0.05	0.110	0.154	13	0.73
	10/13/11	6.07	<0.05	0.117	0.198	24	<0.5
	05/31/12	5.32	<0.05	<0.05	0.150	7	0.54
	02/28/13	2.47	<0.05	<0.05	<0.15	6.9	<0.50
	07/29/13	1.01	<0.001	<0.001	<0.003	2.7	<0.50
	03/26/14	0.68	<0.001	<0.001	<0.003	2.2	0.59
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	0.69
	07/29/15	<0.001	<0.001	<0.001	<0.003	0.53	0.75

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-19	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	0.002	0.006	<0.5	0.011	<0.001	<0.001
	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	<0.51
	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.55
	06/25/01	<0.5	0.001	<0.5	<0.002	<0.10	<0.56
	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.54
	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	0.106	<0.101
	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	<0.10
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.17
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.048
	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.084
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/27/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
	10/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.059
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.061
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.098
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05

**Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.067
	01/26/11	<0.001	<0.001	<1.0	<0.001	<0.10	<0.22
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-20	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	0.004	0.004	0.004	0.013	<0.001	<0.001
	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	1.20
	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	0.55
	06/25/01	<0.5	0.001	<0.5	<0.002	<0.10	<0.56
	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.52
	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	NA
	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.10
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.63
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.067
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.061
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.075
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.19
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.067

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.092
	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.07
	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.056
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.074
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-21	06/13/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	10/15/02	NA	NA	NA	NA	NA	<0.105
	01/22/03	<1	<1	<1	<1	<0.10	<0.116
	04/24/03	<1	<1	<1	<1	<0.10	<0.116
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.14
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.75
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	0.090
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.25
	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
MW-21	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.074
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.18
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.14
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	06/13/02	NA	NA	NA	NA	NA	<0.10
	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
	10/15/02	<0.001	<0.001	<0.001	<0.001	<0.10	<0.102
	01/22/03	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
	04/24/03	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	<0.10
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.35
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.094
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.081
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.068
	04/26/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.13
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.061
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	06/13/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	0.353
	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	07/14/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.089
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.099
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.055
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.097
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.052
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.098
	10/24/07	0.002	<0.001	0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.24
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-24	07/22/04	0.400	0.036	0.037	0.035	2.2	0.45
	10/27/04	0.048	0.005	0.011	<0.003	0.65	0.33
	01/26/05	0.080	<0.001	0.017	0.012	0.65	0.32
	04/20/05	0.150	<0.001	0.038	0.014	2.2	0.53
	07/20/05	0.065	0.004	0.023	0.005	0.55	0.51
	10/19/05	0.140	<0.001	0.060	0.021	1.9	0.38
duplicate	10/19/05	0.110	<0.001	0.031	0.011	1.2	0.43
	01/25/06	0.093	0.002	0.035	0.011	1.3	0.54
duplicate	01/25/06	0.075	0.007	0.030	0.010	1.1	0.42
MW-24	04/26/06	0.230	0.029	0.080	0.029	3.4	0.24
duplicate	04/26/06	0.200	0.024	0.065	0.024	2.6	0.42
	07/26/06	0.100	0.039	0.068	0.026	1.4	0.58
duplicate	07/26/06	0.110	0.043	0.072	0.027	1.4	0.55
	10/25/06	0.045	0.019	0.041	0.017	1.2	0.22
duplicate	10/25/06	0.046	0.020	0.040	0.017	1.2	0.26
	01/25/07	0.019	0.007	0.034	0.012	0.68	0.34
duplicate	01/25/07	0.021	0.008	0.035	0.012	0.92	0.34
	04/25/07	0.006	0.002	0.016	0.003	0.22	0.35
duplicate	04/25/07	0.002	<0.001	0.007	<0.003	0.19	0.30
	07/24/07	0.006	0.002	0.017	0.003	8.0	0.26
duplicate	07/24/07	0.005	0.001	0.015	0.003	0.34	0.21
	10/24/07	<0.001	<0.001	0.003	<0.003	0.26	3.9
	01/30/08	0.002	<0.001	0.007	0.001	0.21	0.16
	04/23/08	0.001	<0.001	0.008	0.001	0.21	0.27

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
duplicate	04/23/08	0.003	0.003	0.033	0.007	0.63	0.26
	07/24/08	0.003	0.003	0.019	0.005	0.29	0.32
duplicate	07/24/08	0.005	0.005	0.036	0.009	0.54	0.27
	10/21/08	<0.001	0.001	0.002	<0.001	NA	0.26
duplicate	10/21/08	0.004	0.013	0.038	0.010	NA	0.34
	01/21/09	0.002	0.007	0.016	0.006	0.79	0.48
duplicate	01/21/09	<0.001	0.002	0.003	0.002	1.1	0.45
	04/21/09	0.002	0.015	0.036	0.016	1.3	0.38
duplicate	04/21/09	0.002	0.004	0.016	0.005	0.46	0.34
	07/28/09	<0.001	0.004	0.007	0.003	0.86	0.44
duplicate	07/28/09	0.001	0.004	0.015	0.004	0.86	0.52
	10/28/09	<0.001	<0.001	0.007	0.002	0.81	0.53
duplicate	10/28/09	<0.001	<0.001	0.014	0.002	0.76	0.47
	01/26/10	0.001	<0.001	0.008	<0.001	0.73	0.42
duplicate	01/26/10	0.001	<0.001	0.008	<0.001	0.67	0.4
	04/27/10	0.003	<0.001	0.006	<0.001	0.51	0.44
duplicate	04/27/10	0.004	<0.001	0.006	<0.001	0.52	0.75
	07/27/10	0.003	<0.001	0.008	<0.001	0.37	0.30
duplicate	07/27/10	0.001	<0.001	0.001	<0.001	0.26	0.33
	10/26/10	0.002	<0.001	0.004	<0.001	0.22	0.20
duplicate	10/26/10	0.002	<0.001	0.005	<0.001	0.21	0.24
	01/25/11	<0.001	<0.001	<0.001	<0.001	0.15	0.41
duplicate	01/25/11	0.002	<0.001	0.005	<0.001	0.19	0.31
	10/12/11	0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-24	05/31/12	<0.01	<0.01	0.006	<0.003	0.05	<0.5
	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	1.1
	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	0.50
	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-25	07/22/04	0.006	<0.001	0.028	0.025	0.71	0.094
	10/27/04	0.007	<0.001	0.036	0.010	0.63	0.35
	01/26/05	0.003	<0.001	0.025	0.009	0.28	0.29
	04/20/05	0.007	0.004	0.055	0.016	0.60	0.23
	07/19/05	0.004	0.002	0.030	0.010	0.48	0.25
	10/19/05	0.002	<0.001	0.014	0.003	0.28	0.68
	01/25/06	0.003	<0.001	0.019	0.004	0.34	0.70
	04/26/06	0.004	<0.001	0.027	0.003	0.42	0.85
	07/26/06	0.003	<0.001	0.012	<0.003	0.21	1.20

**Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	10/25/06	<0.001	<0.001	0.002	<0.003	0.13	0.40
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.52
	04/25/07	<0.001	<0.001	0.001	<0.003	<0.10	0.43
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.36
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.39
	01/30/08	<0.001	<0.001	<0.001	<0.003	0.12	0.39
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.41
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.20
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	0.14
	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.079
	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.34
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.34
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.11
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-26	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.066
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.35
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.30
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.98
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.65
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.092
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.89
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.39
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.29

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.053
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.71
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.051
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.078
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
duplicate	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.095
	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
duplicate	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/06	0.007	<0.001	<0.001	<0.003	<0.10	0.16
duplicate	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.17
MW-27	04/26/06	0.052	0.014	0.006	0.017	0.45	0.097
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.47
	01/25/07	0.001	<0.001	<0.001	<0.003	<0.10	0.12
	04/25/07	0.030	0.003	0.002	<0.003	<0.10	0.62
	07/25/07	0.002	<0.001	<0.001	<0.003	<0.10	0.94
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.22
	01/30/08	0.006	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	0.037	0.008	0.002	0.002	0.14	<0.10
	07/24/08	0.140	0.033	0.006	0.011	0.57	0.20
	10/22/08	0.013	0.001	<0.001	<0.001	NA	0.07
	01/21/09	0.170	0.009	0.002	0.008	0.48	<0.05
	04/22/09	0.120	0.007	0.003	0.007	0.40	<0.05
	07/29/09	0.027	0.003	<0.001	<0.001	0.13	<0.05
	10/28/09	0.019	0.001	<0.001	<0.001	<0.10	<0.05

**Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	01/27/10	0.005	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	0.046	0.001	<0.001	0.002	0.15	0.057
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	0.005	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	0.008	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	0.057	0.010	0.004	0.008	<0.5	<0.5
	05/31/12	0.061	0.008	0.006	0.009	0.12	<0.5
	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
duplicate	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/29/13	<0.001	<0.001	<0.001	<0.003	0.83	<0.50
	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
Dup-1	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
SVE-10	01/23/03	1.120	0.136	0.188	0.331	8.89	0.961
	04/25/03	0.367	0.560	0.069	0.296	5.18	1.30
	07/14/03	0.189	0.030	0.027	0.086	1.74	0.991
	10/20/03	<0.001	<0.001	<0.001	<0.003	0.42	0.46
	01/22/04	0.002	0.001	0.002	<0.003	<0.10	0.42
	04/22/04	0.110	<0.001	0.011	<0.003	0.41	0.35
	07/23/04	0.077	<0.001	0.014	<0.003	0.46	0.48
	10/28/04	0.024	0.002	0.010	0.008	0.40	1.2
	01/27/05	0.012	<0.001	0.012	<0.003	0.19	0.68
	04/20/05	<0.001	<0.001	0.014	<0.003	0.12	0.35
	07/21/05	0.023	0.001	0.027	<0.003	0.26	0.47
	10/20/05	0.022	0.001	0.025	<0.003	0.27	0.29
	01/26/06	0.002	<0.001	0.020	<0.003	0.29	0.52
	04/27/06	<0.001	<0.001	0.010	<0.003	0.21	0.30
	07/27/06	<0.001	<0.001	0.004	<0.003	0.17	0.28
	10/26/06	<0.001	<0.001	<0.001	<0.003	0.16	0.17
	01/26/07	0.004	<0.001	0.005	<0.003	0.42	0.42
	04/26/07	0.002	<0.001	0.012	<0.003	0.56	0.41
	07/25/07	0.003	<0.001	0.008	<0.003	0.52	0.42
	10/25/07	<0.001	<0.001	0.003	<0.003	0.39	0.30
	01/31/08	0.021	<0.001	0.022	<0.003	0.43	0.21
	04/24/08	0.014	<0.001	0.026	<0.001	0.56	0.26
	07/25/08	0.180	<0.001	0.016	0.012	0.68	0.28
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.2
	01/21/09	0.001	<0.001	<0.001	<0.001	0.18	0.18

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Benzene (mg/L)</i>	<i>Toluene (mg/L)</i>	<i>Ethylbenzene (mg/L)</i>	<i>Xylenes (mg/L)</i>	<i>TPH-GRO (mg/L)</i>	<i>TPH-DRO (mg/L)</i>
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
	04/22/09	0.003	<0.001	<0.001	<0.001	0.11	0.32
	07/29/09	<0.001	<0.001	<0.001	<0.001	0.12	0.17
	10/28/09	<0.001	<0.001	<0.001	<0.001	0.56	0.34
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.1
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.089
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
SP-1	06/02/00	0.009	0.007	0.003	0.007	<0.001	<0.001

Notes:

Analytical results are presented in milligrams per liter (mg/L).

< = Analyte was not detected at or above the reported detection limit.

ne = not established TPH-GRO = Total Volatile Petroleum Hydrocarbons (TVPH) duplicate = Duplicate Sample

TPH-DRO = Total Extractable Petroleum Hydrocarbons (TEPH)

Shaded/bolded values exceed their respective NMWQCC Standard for Ground Water.

**2015 Groundwater Analytical Data - Chloride
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>
NMWQCC groundwater quality standards		250
MW-3	03/12/15	50.5
Dup-1	03/12/15	49.5
	07/29/15	36.4
DUP-1	07/29/15	36.4
MW-6	03/12/15	180
	07/29/15	174
MW-8	03/11/15	142
Dup-1	03/11/15	143
	07/29/15	142
MW-10	03/11/15	133
MW-12	03/11/15	143
	07/29/15	145
MW-13	03/11/15	83.9
	07/29/15	78.0
MW-14	03/11/15	212
MW-16	03/11/15	138
MW-18	03/11/15	169
	07/29/15	164
MW-21	03/11/15	354
MW-22	03/11/15	103
	07/29/15	103
MW-23	03/11/15	63.8
	07/29/15	64.2
MW-24	03/12/15	169
	07/29/15	139
MW-25	03/12/15	126

**2015 Groundwater Analytical Data - Chloride
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>
NMWQCC groundwater quality standards		250
	07/29/15	120
MW-26	03/11/15	120
	07/29/15	116
MW-27	03/11/15	132
	07/29/15	126

Notes:

mg/L = milligrams per liter

µg/L = micrograms per liter

duplicate = Duplicate Sample

Blank Fields Indicate No Data

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
MW-2	07/29/09	66.1	--	--	--
	10/28/09	89.1	--	--	--
	01/27/10	67.2	--	--	--
MW-3	01/23/03	176	--	--	--
	04/24/08	47.9	--	--	--
	07/25/08	44.7	--	--	--
	10/22/08	32.9	--	--	--
	07/29/09	36.8	--	--	--
	10/28/09	43.2	--	--	--
	01/27/10	38.2	--	--	--
	04/28/10	35.4	--	--	--
	05/31/12	39.7	--	--	--
	03/12/15	50.5	--	--	--
	03/12/15	49.5	--	--	--
	07/29/15	36.4	--	--	--
	07/29/15	36.4	--	--	--
MW-4	01/13/00	210	--	--	--
	04/06/00	180	--	--	--
	08/02/00	140	--	--	--
	11/15/00	180	--	--	--
	03/06/01	180	--	--	--
	06/25/01	200	--	--	--
	09/26/01	180	--	--	--
	12/12/01	158	--	--	--
	05/21/02	144	569	1,330	51
	10/16/02	81	--	--	--
	01/23/03	173	--	--	--
	04/25/03	159	--	--	--
	07/14/03	166	--	--	--
	10/17/03	190	--	--	--
	01/22/04	176	--	--	--
	04/22/04	180	--	--	--
	07/22/04	192	--	--	--
	10/28/04	186	--	--	--
	01/26/05	173	--	--	--
	04/20/05	128	--	--	--
	07/20/05	51.5	--	--	--
	10/19/05	37.7	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
MW-4	01/25/06	39.4	--	--	--
	04/26/06	58.0	--	--	--
	07/26/06	48.1	--	--	--
	10/25/06	113.0	--	--	--
	01/25/07	52.1	--	--	--
	04/25/07	68.8	--	--	--
	07/25/07	51.6	--	--	--
	10/24/07	38.5	--	--	--
	01/30/08	36.8	--	--	--
	04/23/08	34.5	--	--	--
	07/24/08	41.7	--	--	--
	10/22/08	32.9	--	--	--
	01/21/09	34.4	--	--	--
	04/22/09	33.7	--	--	--
	07/29/09	42.7	--	--	--
	10/28/09	62.2	--	--	--
	01/26/10	52.6	--	--	--
	04/27/10	68.2	--	--	--
	07/27/10	63.1	--	--	--
	10/26/10	61.9	--	--	--
MW-5	01/25/11	73.3	--	--	--
	10/13/11	93.1	--	--	--
	05/31/12	145	--	--	--
	02/28/13	122	--	--	--
	07/29/13	77.4	--	--	--
	01/13/00	130	--	--	--
	04/06/00	130	--	--	--
	08/02/00	130	--	--	--
	11/15/00	180	--	--	--
	03/06/01	210	--	--	--
	06/25/01	240	--	--	--
	09/26/01	260	--	--	--
	12/12/01	216	--	--	--
	05/21/02	180	619	698	29
	10/16/02	51	--	--	--
	01/23/03	187	--	--	--
	04/25/03	173	--	--	--
	07/14/03	184	--	--	--
	10/17/03	192	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
MW-5	01/22/04	179	--	--	--
	04/22/04	188	--	--	--
duplicate	04/22/04	189	--	--	--
	07/23/04	197	--	--	--
	10/28/04	196	--	--	--
	01/26/05	190	--	--	--
duplicate	01/26/05	188	--	--	--
	04/20/05	184	--	--	--
	07/20/05	196	--	--	--
	10/19/05	187	--	--	--
	01/25/06	200	--	--	--
	04/26/06	196	--	--	--
	07/26/06	177	--	--	--
	10/25/06	133	--	--	--
	01/25/07	71.0	--	--	--
	04/25/07	48.7	--	--	--
	07/25/07	44.8	--	--	--
	10/24/07	32.9	--	--	--
	01/30/08	38.6	--	--	--
	04/23/08	36.1	--	--	--
	07/24/08	21.4	--	--	--
	10/22/08	19.5	--	--	--
	01/21/09	24.5	--	--	--
	04/22/09	22.1	--	--	--
	07/29/09	22.6	--	--	--
	10/28/09	40.9	--	--	--
	01/26/10	40.5	--	--	--
	04/27/10	64.6	--	--	--
	07/27/10	64.1	--	--	--
	10/26/10	67.2	--	--	--
	01/25/11	90.1	--	--	--
	10/13/11	98.8	--	--	--
	05/31/12	74.3	--	--	--
	02/28/13	66	--	--	--
	07/29/13	107	--	--	--
	07/29/13	68	--	--	--
MW-6	01/13/00	230	--	--	--
MW-6	04/06/00	200	--	--	--
	07/20/05	106	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	10/20/05	99.2	--	--	--
	01/26/06	161	--	--	--
	07/27/06	90.1	--	--	--
	10/26/06	60.6	--	--	--
	01/26/07	62.5	--	--	--
	04/26/07	85.4	--	--	--
	07/25/07	126	--	--	--
	10/25/07	170	--	--	--
duplicate	10/25/07	155	--	--	--
	01/31/08	147	--	--	--
duplicate	01/31/08	146	--	--	--
	04/24/08	121	--	--	--
	07/25/08	101	--	--	--
	10/22/08	97.9	--	--	--
	01/21/09	111	--	--	--
	04/22/09	107	--	--	--
	07/29/09	124	--	--	--
	10/28/09	163	--	--	--
	01/27/10	112	--	--	--
	04/28/10	92.6	--	--	--
	07/28/10	111	--	--	--
	10/27/10	102	--	--	--
	01/26/11	85.4	--	--	--
	10/13/11	75.1	--	--	--
	05/31/12	63.6	--	--	--
	02/28/13	92.4	--	--	--
	07/29/13	119	--	--	--
	03/26/14	171	--	--	--
	07/30/14	169	--	--	--
	03/12/15	180	--	--	--
	07/29/15	174	--	--	--
MW-7	05/31/12	90.8	--	--	--
	02/28/13	84.3	--	--	--
MW-7	07/29/13	86.7	--	--	--
MW-8	01/13/00	160	--	--	--
	04/06/00	90	--	--	--
MW-8	08/02/00	84	--	--	--
	11/15/00	100	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	03/06/01	87	--	--	--
	06/25/01	75	--	--	--
	09/26/01	72	--	--	--
	12/12/01	85	--	--	--
	05/21/02	104	546	638	76
	10/16/02	42.4	--	--	--
	01/22/03	106	--	--	--
	01/31/08	107	--	--	--
	05/31/12	129	--	--	--
	02/28/13	124	--	--	--
	07/29/13	140	--	--	--
	03/26/14	147	--	--	--
	07/30/14	165	--	--	--
	03/11/15	142	--	--	--
	03/11/15	143	--	--	--
	07/29/15	142	--	--	--
MW-9	04/24/08	55.1	--	--	--
MW-10	01/13/00	180	--	--	--
	04/06/00	180	--	--	--
	08/02/00	140	--	--	--
	05/31/12	141	--	--	--
	02/28/13	113	--	--	--
	07/29/13	136	--	--	--
	03/12/15	133	--	--	--
MW-11	04/06/00	310	--	--	--
	08/02/00	270	--	--	--
	11/15/00	300	--	--	--
	03/06/01	280	--	--	--
	06/25/01	290	--	--	--
	04/24/08	238	--	--	--
	07/25/08	271	--	--	--
	10/22/08	185	--	--	--
	01/21/09	206	--	--	--
	07/29/09	228	--	--	--
	10/28/09	303	--	--	--
	01/27/10	232	--	--	--
	07/28/10	250	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
MW-12	04/06/00	190	--	--	--
	08/02/00	150	--	--	--
	11/15/00	190	--	--	--
	03/06/01	180	--	--	--
	06/25/01	190	--	--	--
	09/26/01	180	--	--	--
	12/12/01	169	--	--	--
	05/21/02	180	864	2,050	478
	10/16/02	69.5	--	--	--
	01/23/03	180	--	--	--
	04/25/03	179	--	--	--
	07/14/03	204	--	--	--
	10/20/03	197	--	--	--
	01/21/04	183	--	--	--
	04/21/04	188	--	--	--
	07/23/04	195	--	--	--
	duplicate	07/23/04	196	--	--
	10/28/04	196	--	--	--
	01/27/05	187	--	--	--
	duplicate	01/27/05	193	--	--
	04/20/05	151	--	--	--
	duplicate	04/20/05	154	--	--
	07/21/05	180	--	--	--
	duplicate	07/21/05	179	--	--
	10/20/05	149	--	--	--
	duplicate	10/20/05	158	--	--
	01/26/06	168	--	--	--
	duplicate	01/26/06	183	--	--
	04/27/06	169	--	--	--
	duplicate	04/27/06	178	--	--
	07/27/06	162	--	--	--
	duplicate	07/27/06	136	--	--
	10/26/06	172	--	--	--
	duplicate	10/26/06	170	--	--
	01/26/07	174	--	--	--
	duplicate	01/26/07	164	--	--
	04/25/07	175	--	--	--
	duplicate	04/25/07	166	--	--
	07/25/07	177	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
duplicate	07/25/07	192	--	--	--
	10/25/07	211	--	--	--
duplicate	10/25/07	187	--	--	--
	01/31/08	181	--	--	--
duplicate	01/31/08	177	--	--	--
	04/24/08	185	--	--	--
duplicate	04/24/08	183	--	--	--
	07/25/08	182	--	--	--
duplicate	07/25/08	180	--	--	--
	10/22/08	138	--	--	--
duplicate	10/22/08	134	--	--	--
	01/21/09	165	--	--	--
duplicate	01/21/09	156	--	--	--
	04/22/09	193	--	--	--
duplicate	04/22/09	185	--	--	--
	07/29/09	190	--	--	--
duplicate	07/29/09	197	--	--	--
	10/28/09	235	--	--	--
duplicate	10/28/09	233	--	--	--
	01/27/10	192	--	--	--
duplicate	01/27/10	198	--	--	--
	04/28/10	171	--	--	--
duplicate	04/28/10	173	--	--	--
	07/28/10	190	--	--	--
duplicate	07/28/10	194	--	--	--
	10/27/10	201	--	--	--
duplicate	10/27/10	191	--	--	--
	01/26/11	186	--	--	--
duplicate	01/26/11	186	--	--	--
MW-12	10/13/11	191	--	--	--
	05/31/12	174	--	--	--
	02/28/13	166	--	--	--
	07/29/13	165	--	--	--
	03/26/14	165	--	--	--
	07/30/14	82.3	--	--	--
	03/11/15	143.0	--	--	--
	07/29/15	145.0	--	--	--
MW-13	06/02/00	91	--	--	--
	08/02/00	61	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	11/15/00	63	--	--	--
	03/06/01	66	--	--	--
	06/25/01	200	--	--	--
	09/26/01	66	--	--	--
	12/12/01	69.5	--	--	--
	05/21/02	58.5	617	563	23
	10/16/02	71.5	--	--	--
	01/22/03	72.6	--	--	--
	04/24/03	67.0	--	--	--
	07/14/03	72.2	--	--	--
	10/17/03	67.6	--	--	--
	01/21/04	68.8	--	--	--
	04/21/04	62.2	--	--	--
	07/22/04	64.6	--	--	--
	10/27/04	59.7	--	--	--
	01/26/05	66.9	--	--	--
	04/20/05	69.0	--	--	--
	07/21/05	64.9	--	--	--
	10/20/05	63.9	--	--	--
	01/25/06	68.1	--	--	--
	04/26/06	65.8	--	--	--
	07/26/06	71.5	--	--	--
	10/25/06	91.4	--	--	--
	01/25/07	65.0	--	--	--
	04/25/07	69.8	--	--	--
	07/25/07	71.2	--	--	--
	10/24/07	61.9	--	--	--
	01/30/08	71.2	--	--	--
	04/23/08	71.5	--	--	--
	07/24/08	74.0	--	--	--
	10/22/08	59.9	--	--	--
	01/21/09	65.4	--	--	--
	04/22/09	67.2	--	--	--
	07/29/09	68.5	--	--	--
	10/28/09	80.7	--	--	--
	01/27/10	69.5	--	--	--
MW-13	04/28/10	76.7	--	--	--
	07/28/10	70.9	--	--	--
	10/27/10	69.9	--	--	--
	01/26/11	74.9	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
duplicate	10/13/11	78.5	--	--	--
	05/31/12	76.8	--	--	--
	02/28/13	76.7	--	--	--
	07/29/13	77.9	--	--	--
	07/29/13	78	--	--	--
	03/26/14	84	--	--	--
	07/30/14	181	--	--	--
	03/11/15	83.9	--	--	--
	07/29/15	78.0	--	--	--
MW-14	06/02/00	180	--	--	--
	08/02/00	170	--	--	--
	11/15/00	190	--	--	--
	03/06/01	190	--	--	--
	06/25/01	200	--	--	--
	09/26/01	200	--	--	--
	12/12/01	197	--	--	--
	05/21/02	162	745	3,290	342
	10/16/02	67	--	--	--
	01/23/03	228	--	--	--
	04/25/03	194	--	--	--
	07/14/03	242	--	--	--
	10/17/03	214	--	--	--
	01/21/04	200	--	--	--
	04/21/04	201	--	--	--
	07/22/04	203	--	--	--
	10/28/04	91.7	--	--	--
	01/26/05	87.7	--	--	--
	04/20/05	141	--	--	--
	07/21/05	107	--	--	--
	10/20/05	234	--	--	--
	01/26/06	166	--	--	--
	04/27/06	183	--	--	--
	07/27/06	164	--	--	--
	10/26/06	189	--	--	--
	01/25/07	178	--	--	--
	04/26/07	192	--	--	--
	07/25/07	188	--	--	--
	10/25/07	209	--	--	--
	01/30/08	194	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	04/23/08	171	--	--	--
	07/24/08	196	--	--	--
	10/22/08	131	--	--	--
	01/21/09	189	--	--	--
	04/22/09	156	--	--	--
	07/29/09	237	--	--	--
	10/28/09	256	--	--	--
	01/27/10	202	--	--	--
	04/28/10	190	--	--	--
	07/28/10	221	--	--	--
	10/27/10	231	--	--	--
	01/26/11	216	--	--	--
	10/13/11	198	--	--	--
	05/31/12	191	--	--	--
	07/29/13	185	--	--	--
	03/11/15	212	--	--	--
MW-15	06/02/00	170	--	--	--
	08/02/00	160	--	--	--
	11/15/00	170	--	--	--
	07/20/05	143	--	--	--
	10/19/05	137	--	--	--
	01/25/06	180	--	--	--
	04/26/06	301	--	--	--
	07/26/06	327	--	--	--
	10/25/06	321	--	--	--
	01/25/07	321	--	--	--
	04/25/07	290	--	--	--
	07/24/07	251	--	--	--
	10/24/07	287	--	--	--
	01/30/08	289	--	--	--
	04/23/08	297	--	--	--
	07/24/08	372	--	--	--
	10/21/08	200	--	--	--
	01/21/09	285	--	--	--
	04/21/09	252	--	--	--
	07/28/09	172	--	--	--
	10/27/09	218	--	--	--
MW-15	01/26/10	188	--	--	--
	04/27/10	167	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
MW-16	07/27/10	190	--	--	--
	10/26/10	183	--	--	--
	01/25/11	185	--	--	--
	10/13/11	224	--	--	--
	05/31/12	173	--	--	--
	02/27/13	152	--	--	--
	06/02/00	220	--	--	--
	08/02/00	210	--	--	--
	11/15/00	210	--	--	--
	03/06/01	240	--	--	--
	06/25/01	240	--	--	--
	09/26/01	67	--	--	--
	12/12/01	172	--	--	--
	05/21/02	159	540	2,940	83
	10/15/02	194	--	--	--
	01/22/03	206	--	--	--
	04/24/03	176	--	--	--
	07/14/03	190	--	--	--
	10/17/03	200	--	--	--
	01/21/04	182	--	--	--
	04/21/04	184	--	--	--
	07/21/04	185	--	--	--
	10/26/04	188	--	--	--
	01/26/05	178	--	--	--
	04/20/05	193	--	--	--
	07/19/05	189	--	--	--
	10/19/05	178	--	--	--
	01/25/06	174	--	--	--
	04/26/06	179	--	--	--
	07/26/06	141	--	--	--
	10/25/06	175	--	--	--
	01/25/07	156	--	--	--
MW-16	04/25/07	156	--	--	--
	07/24/07	168	--	--	--
	10/24/07	175	--	--	--
	01/30/08	173	--	--	--
	04/23/08	160	--	--	--
	07/23/08	168	--	--	--
	10/21/08	142	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	01/20/09	151	--	--	--
	04/21/09	131	--	--	--
	07/28/09	140	--	--	--
	10/27/09	175	--	--	--
	01/26/10	148	--	--	--
	04/27/10	150	--	--	--
	07/27/10	140	--	--	--
	10/26/10	134	--	--	--
	01/25/11	145	--	--	--
	10/12/11	132	--	--	--
	05/31/12	125	--	--	--
	02/27/13	123	--	--	--
	07/24/13	124	--	--	--
	03/11/15	138	--	--	--
MW-17	06/02/00	140	--	--	--
	08/02/00	110	--	--	--
	11/15/00	130	--	--	--
	03/06/01	130	--	--	--
	06/25/01	140	--	--	--
	09/26/01	130	--	--	--
	12/12/01	147	--	--	--
	05/21/02	132	575	1,040	202
	10/15/02	149	--	--	--
	01/22/03	76.7	--	--	--
	04/24/03	84.3	--	--	--
	07/14/03	143	--	--	--
	01/26/05	146	--	--	--
	04/20/05	126	--	--	--
	07/19/05	127	--	--	--
	10/19/05	123	--	--	--
	01/25/06	145	--	--	--
MW-17	04/26/06	142	--	--	--
	07/26/06	134	--	--	--
	10/25/06	127	--	--	--
	01/25/07	138	--	--	--
	04/25/07	189	--	--	--
	07/24/07	266	--	--	--
	10/24/07	248	--	--	--
	01/30/08	255	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	04/23/08	245	--	--	--
	07/23/08	284	--	--	--
	10/21/08	188	--	--	--
MW-18	06/02/00	190	--	--	--
	08/02/00	160	--	--	--
	11/15/00	210	--	--	--
	03/06/01	190	--	--	--
	06/25/01	210	--	--	--
	09/26/01	190	--	--	--
	12/12/01	182	--	--	--
	05/21/02	184	1,070	2,930	374
	10/16/02	102	--	--	--
	01/23/03	218	--	--	--
	04/25/03	195	--	--	--
	07/14/03	193	--	--	--
	10/20/03	207	--	--	--
	01/21/04	193	--	--	--
	04/21/04	195	--	--	--
	07/22/04	205	--	--	--
	10/28/04	205	--	--	--
	01/26/05	206	--	--	--
	04/20/05	193	--	--	--
	07/21/05	206	--	--	--
	10/20/05	176	--	--	--
	01/26/06	198	--	--	--
	04/27/06	199	--	--	--
	07/27/06	184	--	--	--
	10/26/06	191	--	--	--
	01/26/07	191	--	--	--
	04/26/07	203	--	--	--
	07/25/07	196	--	--	--
	10/25/07	219	--	--	--
	01/30/08	205	--	--	--
	04/24/08	201	--	--	--
	07/24/08	208	--	--	--
	10/22/08	148	--	--	--
	01/21/09	197	--	--	--
	04/22/09	220	--	--	--
	07/29/09	218	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	10/28/09	261	--	--	--
	01/27/10	195	--	--	--
	04/28/10	170	--	--	--
	07/28/10	201	--	--	--
	10/27/10	184	--	--	--
	01/26/11	200	--	--	--
	10/13/11	197	--	--	--
	05/31/12	188	--	--	--
	02/28/13	188	--	--	--
	07/29/13	176	--	--	--
	03/26/14	178	--	--	--
	03/26/14	178	--	--	--
	03/11/15	169	--	--	--
	07/29/15	164	--	--	--
MW-19	06/02/00	140	--	--	--
	08/02/00	110	--	--	--
	11/15/00	130	--	--	--
	03/06/01	130	--	--	--
	06/25/01	150	--	--	--
	09/26/01	140	--	--	--
	12/12/01	144	--	--	--
	05/21/02	150	824	2,750	40
	10/15/02	180	--	--	--
	01/22/03	177	--	--	--
	04/24/03	161	--	--	--
	07/14/03	20.3	--	--	--
	10/17/03	117	--	--	--
	01/21/04	169	--	--	--
	04/21/04	173	--	--	--
	07/22/04	177	--	--	--
MW-19	10/27/04	171	--	--	--
	01/26/05	187	--	--	--
	04/20/05	156	--	--	--
	07/21/05	177	--	--	--
	10/20/05	161	--	--	--
	01/26/05	137	--	--	--
	04/28/10	157	--	--	--
	07/28/10	186	--	--	--
	10/27/10	172	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	01/26/11	174	--	--	--
	04/26/06	123	--	--	--
	07/27/06	99.8	--	--	--
	10/26/06	116.0	--	--	--
	01/25/07	93.7	--	--	--
	04/25/07	92.6	--	--	--
	07/25/07	97.7	--	--	--
	10/24/07	110	--	--	--
	01/30/08	101	--	--	--
	04/23/08	96.1	--	--	--
	07/24/08	96.5	--	--	--
	10/22/08	101	--	--	--
	01/21/09	111	--	--	--
	04/22/09	125	--	--	--
	07/29/09	146	--	--	--
	10/28/09	202	--	--	--
	01/27/10	176	--	--	--
	10/13/11	174	--	--	--
	05/31/12	177	--	--	--
	02/28/13	174	--	--	--
	07/29/13	171	--	--	--
MW-20	06/02/00	83	--	--	--
	08/02/00	66	--	--	--
	11/15/00	66	--	--	--
	03/06/01	62	--	--	--
	06/25/01	71	--	--	--
	09/26/01	210	--	--	--
	12/12/01	69	--	--	--
MW-20	05/21/02	72	638	1,840	26
	10/15/02	85	--	--	--
	01/22/03	83.6	--	--	--
	04/24/03	77.0	--	--	--
	07/14/03	85.8	--	--	--
	10/17/03	76.8	--	--	--
	01/21/04	74.6	--	--	--
	04/21/04	69.3	--	--	--
	07/21/04	69.4	--	--	--
	10/26/04	68.5	--	--	--
	01/26/05	76.0	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	04/20/05	73.7	--	--	--
	07/19/05	69.9	--	--	--
	10/19/05	72.0	--	--	--
	01/25/06	72.9	--	--	--
	04/26/06	70.0	--	--	--
	07/26/06	68.0	--	--	--
	10/25/06	92.6	--	--	--
	02/26/07	70.5	--	--	--
	04/25/07	67.8	--	--	--
	07/24/07	44.5	--	--	--
	10/24/07	142	--	--	--
	01/30/08	85	--	--	--
	04/23/08	93.5	--	--	--
	07/23/08	98.1	--	--	--
	10/21/08	103	--	--	--
	01/20/09	109	--	--	--
	04/21/09	118	--	--	--
	07/28/09	159	--	--	--
	10/27/09	194	--	--	--
	01/26/10	156	--	--	--
	04/27/10	161	--	--	--
	07/27/10	150	--	--	--
	10/26/10	130	--	--	--
	01/25/11	125	--	--	--
	10/12/11	100	--	--	--
	05/31/12	92	--	--	--
	02/27/13	96	--	--	--
MW-20	07/24/13	107	--	--	--
MW-21	06/13/02	832	--	--	--
	10/15/02	857	--	--	--
	01/22/03	806	--	--	--
	04/24/03	414	--	--	--
	07/14/03	853	--	--	--
	10/17/03	886	--	--	--
	01/21/04	782	--	--	--
	04/21/04	684	--	--	--
	07/21/04	613	--	--	--
	10/26/04	907	--	--	--
	01/26/05	659	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
MW-21	04/20/05	555	--	--	--
	07/19/05	527	--	--	--
	10/19/05	483	--	--	--
	01/25/06	509	--	--	--
	04/26/06	552	--	--	--
	07/26/06	466	--	--	--
	10/25/06	499	--	--	--
	02/26/07	300	--	--	--
	04/25/07	572	--	--	--
	07/24/07	1,010	--	--	--
	10/24/07	825	--	--	--
	01/30/08	1,110	--	--	--
	04/23/08	984	--	--	--
	07/23/08	694	--	--	--
	10/21/08	855	--	--	--
	01/20/09	1,060	--	--	--
	04/21/09	1,090	--	--	--
	07/28/09	1,040	--	--	--
	10/27/09	1,390	--	--	--
	01/26/10	1,090	--	--	--
	04/27/10	1,320	--	--	--
	07/27/10	1,020	--	--	--
	10/26/10	944	--	--	--
	01/25/11	926	--	--	--
	10/12/11	249	--	--	--
	05/31/12	358	--	--	--
	02/27/13	326	--	--	--
	07/24/13	407	--	--	--
	03/11/15	354	--	--	--
MW-22	06/13/02	76.5	--	--	--
	10/15/02	86.5	--	--	--
	01/22/03	85.7	--	--	--
	04/24/03	77.0	--	--	--
	07/14/03	82.0	--	--	--
	10/17/03	82.8	--	--	--
	01/21/04	79.4	--	--	--
	04/21/04	75.3	--	--	--
	07/22/04	78.3	--	--	--
	10/27/04	77.5	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
MW-22	01/26/05	88.3	--	--	--
	04/20/05	81.1	--	--	--
	07/21/05	79.3	--	--	--
	10/20/05	77.5	--	--	--
	01/25/06	101	--	--	--
	04/26/06	74.3	--	--	--
	07/26/06	81.5	--	--	--
	10/25/06	101.0	--	--	--
	01/25/07	80.3	--	--	--
	04/26/07	79.8	--	--	--
	07/25/07	83.4	--	--	--
	10/24/07	75.3	--	--	--
	01/30/08	85.4	--	--	--
	04/23/08	84.6	--	--	--
	07/24/08	82.1	--	--	--
	10/22/08	64.2	--	--	--
	01/21/09	76.2	--	--	--
	04/22/09	79.4	--	--	--
	07/29/09	75.3	--	--	--
	10/28/09	97.1	--	--	--
	01/27/10	78.7	--	--	--
	04/28/10	90.9	--	--	--
	07/28/10	86.2	--	--	--
	10/27/10	83.3	--	--	--
	01/26/11	87.6	--	--	--
	10/13/11	87.7	--	--	--
	07/29/13	91.1	--	--	--
	03/26/14	97.9	--	--	--
	07/30/14	96.1	--	--	--
	03/11/15	103.0	--	--	--
	07/29/15	103.0	--	--	--
MW-23	06/13/02	63	--	--	--
	10/15/02	36.2	--	--	--
	01/22/03	58.5	--	--	--
	04/24/03	130	--	--	--
	07/14/03	64.6	--	--	--
	10/17/03	59.2	--	--	--
	01/21/04	61.3	--	--	--
	04/21/04	54.8	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
MW-23	07/22/04	59.0	--	--	--
	10/27/04	55.5	--	--	--
	01/26/05	64.8	--	--	--
	04/20/05	77.6	--	--	--
	07/21/05	65.0	--	--	--
	10/19/05	66.5	--	--	--
	01/25/06	67.7	--	--	--
	04/26/06	63.4	--	--	--
	07/26/06	67.2	--	--	--
	10/25/06	86.5	--	--	--
	01/25/07	63.6	--	--	--
	04/25/07	66.8	--	--	--
	07/25/07	63.7	--	--	--
	10/24/07	61.6	--	--	--
	01/30/08	67.9	--	--	--
	04/23/08	65.7	--	--	--
	07/24/08	59.5	--	--	--
	10/22/08	52.2	--	--	--
	01/21/09	55	--	--	--
	04/22/09	59.4	--	--	--
	07/29/09	55.7	--	--	--
	10/28/09	71.6	--	--	--
	01/27/10	55.3	--	--	--
	04/28/10	68.6	--	--	--
	07/28/10	56.6	--	--	--
	10/27/10	58.8	--	--	--
	01/26/11	63.2	--	--	--
	10/13/11	64.1	--	--	--
	05/31/12	61.1	--	--	--
	02/28/13	58.5	--	--	--
	07/29/13	58.9	--	--	--
	03/26/14	61.1	--	--	--
	03/11/15	63.8	--	--	--
	07/29/15	64.2	--	--	--
MW-24	07/22/04	165	--	--	--
	10/27/04	151	--	--	--
	01/26/05	182	--	--	--
	04/20/05	166	--	--	--
	07/20/05	169	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	10/19/05	177	--	--	--
duplicate	10/19/05	176	--	--	--
	01/25/06	191	--	--	--
duplicate	01/25/06	187	--	--	--
MW-24	04/26/06	172	--	--	--
duplicate	04/26/06	134	--	--	--
	07/26/06	176	--	--	--
duplicate	07/26/06	177	--	--	--
	10/25/06	209	--	--	--
duplicate	10/25/06	208	--	--	--
	01/25/07	209	--	--	--
duplicate	01/25/07	217	--	--	--
	04/25/07	192	--	--	--
duplicate	04/25/07	181	--	--	--
	07/24/07	174	--	--	--
duplicate	07/24/07	192	--	--	--
	10/24/07	190	--	--	--
	01/30/08	185	--	--	--
	04/23/08	182	--	--	--
duplicate	04/23/08	185	--	--	--
	07/24/08	217	--	--	--
duplicate	07/24/08	216	--	--	--
	10/21/08	189	--	--	--
duplicate	10/21/08	200	--	--	--
MW-24	01/21/09	269	--	--	--
duplicate	01/21/09	294	--	--	--
	04/21/09	278	--	--	--
duplicate	04/21/09	323	--	--	--
	07/28/09	275	--	--	--
duplicate	07/28/09	287	--	--	--
	10/28/09	400	--	--	--
duplicate	10/28/09	400	--	--	--
	01/26/10	285	--	--	--
duplicate	01/26/10	287	--	--	--
	04/27/10	232	--	--	--
duplicate	04/27/10	253	--	--	--
	07/27/10	257	--	--	--
duplicate	07/27/10	255	--	--	--
	10/26/10	221	--	--	--
duplicate	10/26/10	214	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
duplicate	01/25/11	218	--	--	--
	01/25/11	217	--	--	--
	10/12/11	197	--	--	--
	05/31/12	215	--	--	--
	02/27/13	225	--	--	--
	07/24/13	199	--	--	--
	08/22/13	205	--	--	--
	03/26/14	180	--	--	--
	07/30/14	130	--	--	--
	03/12/15	169	--	--	--
	07/29/15	139	--	--	--
MW-25	07/22/04	116	--	--	--
	10/27/04	129	--	--	--
	01/26/05	143	--	--	--
	04/20/05	123	--	--	--
	07/19/05	152	--	--	--
	10/19/05	453	--	--	--
	01/25/06	480	--	--	--
	04/26/06	461	--	--	--
	07/26/06	388	--	--	--
	10/25/06	241	--	--	--
	01/25/07	119	--	--	--
MW-25	04/25/07	192	--	--	--
	07/24/07	177	--	--	--
	10/24/07	376	--	--	--
	01/30/08	461	--	--	--
	04/23/08	269	--	--	--
	07/24/08	256	--	--	--
	10/21/08	149	--	--	--
	01/20/09	138	--	--	--
	04/21/09	159	--	--	--
	07/28/09	151	--	--	--
	10/27/09	203	--	--	--
	01/26/10	171	--	--	--
	04/27/10	177	--	--	--
	07/27/10	126	--	--	--
	10/26/10	118	--	--	--
	01/25/11	132	--	--	--
	10/12/11	124	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	05/31/12	128	--	--	--
	02/27/13	126	--	--	--
	07/24/13	124	--	--	--
	03/26/14	135	--	--	--
	07/30/14	128	--	--	--
	03/12/15	126	--	--	--
	07/29/15	120	--	--	--
MW-26	04/20/05	82.5	--	--	--
	07/20/05	77.2	--	--	--
	10/19/05	77.8	--	--	--
	01/25/06	78.3	--	--	--
	04/26/06	74.0	--	--	--
	07/26/06	77.9	--	--	--
	10/25/06	99.1	--	--	--
	01/25/07	66.6	--	--	--
	04/25/07	81.4	--	--	--
	07/25/07	83.7	--	--	--
	10/24/07	73.3	--	--	--
	01/30/08	86.8	--	--	--
	04/23/08	90.4	--	--	--
	07/24/08	92.6	--	--	--
	10/22/08	83.1	--	--	--
	01/21/09	99.8	--	--	--
MW-26	04/22/09	95.3	--	--	--
	07/29/09	114	--	--	--
	10/28/09	147	--	--	--
	01/26/10	128	--	--	--
	04/27/10	123	--	--	--
	07/28/10	136	--	--	--
	10/27/10	131	--	--	--
	01/26/11	146	--	--	--
	10/13/11	154	--	--	--
	05/31/12	150	--	--	--
duplicate	02/28/13	142	--	--	--
	02/28/13	141	--	--	--
	07/29/13	135	--	--	--
	03/26/14	135	--	--	--
	07/30/14	123	--	--	--
	03/11/15	120	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
	07/29/15	116	--	--	--
MW-27	04/20/05	129	--	--	--
	04/20/05 D	132	--	--	--
	07/20/05	129	--	--	--
	07/20/05 D	129	--	--	--
	10/19/05	132	--	--	--
	01/25/06	136	--	--	--
	01/25/06 D	138	--	--	--
	04/26/06	112	--	--	--
	07/26/06	115	--	--	--
	10/25/06	151	--	--	--
	01/25/07	119	--	--	--
	04/25/07	117	--	--	--
	07/25/07	130	--	--	--
	10/24/07	119	--	--	--
	01/30/08	115	--	--	--
	04/23/08	102	--	--	--
	07/24/08	104	--	--	--
	10/22/08	107	--	--	--
	01/21/09	103	--	--	--
	04/22/09	97.8	--	--	--
	07/29/09	111	--	--	--
	10/28/09	160	--	--	--
MW-27	01/27/10	119	--	--	--
	04/28/10	116	--	--	--
	07/28/10	130	--	--	--
	10/27/10	124	--	--	--
	01/26/11	127	--	--	--
	10/13/11	99.3	--	--	--
	05/31/12	93.6	--	--	--
	02/28/13	110	--	--	--
duplicate	02/28/13	110	--	--	--
	07/29/13	101	--	--	--
	03/26/14	112	--	--	--
duplicate	03/26/14	112	--	--	--
	07/30/14	108	--	--	--
	03/11/15	132	--	--	--
	07/29/15	126	--	--	--

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200
SVE-10	01/23/03	282	--	--	--
	04/25/03	241	--	--	--
	07/14/03	270	--	--	--
	10/20/03	255	--	--	--
	01/22/04	265	--	--	--
	04/22/04	236	--	--	--
	07/23/04	250	--	--	--
	10/28/04	243	--	--	--
	01/27/05	251	--	--	--
	04/20/05	204	--	--	--
	07/21/05	236	--	--	--
	10/20/05	183	--	--	--
	01/26/06	243	--	--	--
	04/27/06	234	--	--	--
	07/27/06	230	--	--	--
	10/26/06	244	--	--	--
	01/26/07	234	--	--	--
	04/26/07	256	--	--	--
	07/25/07	247	--	--	--
	10/25/07	227	--	--	--
	01/31/08	234	--	--	--
	04/24/08	226	--	--	--
	07/25/08	253	--	--	--
	10/22/08	173	--	--	--
	01/21/09	205	--	--	--
SVE-10	04/22/09	231	--	--	--
	07/29/09	252	--	--	--
	10/28/09	340	--	--	--
	01/27/10	223	--	--	--
	04/28/10	221	--	--	--
	07/28/10	244	--	--	--
	10/27/10	224	--	--	--
	01/26/11	240	--	--	--
	10/13/11	238	--	--	--
SP-1	06/02/00	180	--	--	--

Notes:

mg/L = milligrams per liter

µg/L = micrograms per liter

duplicate = Duplicate Sample

ne - indicates not established, -- indicates not analyzed

Historical Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Well Number</i>	<i>Sample Date</i>	<i>Chloride (mg/L)</i>	<i>Total Hardness (mg/L)</i>	<i>Iron (µg/L)</i>	<i>Manganese (µg/L)</i>
NMWQCC groundwater quality standards		250	ne	1,000	200

Shaded/bolded values exceed their respective NMWQCC Standard for Ground Water.

**VOC Emissions Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Date</i>	<i>Total Time</i>	<i>Effluent</i>		<i>"SnapShot"</i>	<i>Average</i>	<i>Incremental</i>	<i>Cumulative</i>	<i>Incremental</i>
	<i>(days)</i>	<i>Concentration</i>	<i>Flow Rate</i>	<i>Discharge</i>	<i>Discharge for</i>	<i>Discharge</i>	<i>Discharge</i>	<i>Time</i>
		<i>(ppm)</i>	<i>(SCFM)</i>	<i>(lbs/day)</i>	<i>Period</i>	<i>(lbs)</i>	<i>(lbs)</i>	<i>(Days)</i>
					<i>(lbs/day)</i>			
10/17/02	0	246	875	62.71	62.71	62.71	62.71	0
10/18/02	1	447	870	113.30	87.82	87.82	150.53	1
10/21/02	4	377	875	96.10	105.03	315.08	465.61	3
10/22/02	5	183	875	46.65	71.38	71.38	536.98	1
10/23/02	6	363	875	92.53	69.59	69.59	606.58	1
10/24/02	7	405	875	103.24	97.89	97.89	704.46	1
10/25/02	8	345	875	87.95	95.59	95.59	800.06	1
11/04/02	18	412	875	105.03	96.49	964.86	1764.91	10
11/05/02	19	631	875	160.85	132.94	132.94	1897.85	1
11/06/02	20	434	870	110.00	134.97	134.97	2032.82	1
11/07/02	21	429	875	109.36	110.00	110.00	2142.82	1
11/08/02	22	336	865	84.67	96.39	96.39	2239.21	1
11/15/02	29	552	865	139.11	111.89	783.22	3022.43	7
11/22/02	36	663	875	169.01	154.86	1084.03	4106.46	7
11/29/02	43	488	875	124.40	146.70	1026.93	5133.39	7
11/30/02	44	534	870	135.35	129.52	129.52	5262.90	1
12/16/02	60	389	870	98.60	116.97	1871.54	7134.44	16
12/17/02	61	444	875	113.18	106.17	106.17	7240.62	1
12/18/02	62	320	875	81.57	97.38	97.38	7337.99	1
12/19/02	63	464	875	118.28	99.93	99.93	7437.92	1
12/20/02	64	373	875	95.08	106.68	106.68	7544.60	1
01/14/03	89	380	865	95.76	94.88	2371.97	9916.58	25
01/15/03	90	334	870	84.66	90.48	90.48	10007.06	1
01/16/03	91	408	875	104.01	94.57	94.57	10101.63	1
02/08/03	114	445	870	112.79	108.10	2486.31	12587.94	23
02/14/03	120	175	875	44.61	79.02	474.14	13062.08	6
02/24/03	130	335	875	85.40	65.00	650.03	13712.12	10
02/25/03	131	313	870	79.33	82.12	82.12	13794.24	1
02/26/03	132	322	875	82.08	80.94	80.94	13875.17	1
02/27/03	133	318	875	81.06	81.57	81.57	13956.75	1
02/28/03	134	339	875	86.42	83.74	83.74	14040.49	1
03/13/03	147	223	875	56.85	71.63	931.21	14971.69	13
03/14/03	148	217	875	55.32	56.08	56.08	15027.78	1
04/07/03	172	234	875	59.65	57.48	1379.60	16407.38	24
04/08/03	173	195	875	49.71	54.68	54.68	16462.06	1
04/09/03	174	188	875	47.92	48.82	48.82	16510.87	1
04/10/03	175	155	875	39.51	43.72	43.72	16554.59	1
04/11/03	176	141	875	35.94	37.73	37.73	16592.32	1
05/18/03	213	227	875	57.87	46.90	1735.47	18327.79	37
05/19/03	214	203	875	51.75	54.81	54.81	18382.59	1

**VOC Emissions Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Date</i>	<i>Total Time</i>	<i>Effluent</i>		<i>"SnapShot"</i>	<i>Average</i>	<i>Incremental</i>	<i>Cumulative</i>	<i>Incremental</i>
	<i>(days)</i>	<i>Concentration</i>	<i>Flow Rate</i>	<i>Discharge</i>	<i>Discharge for</i>	<i>Discharge</i>	<i>Discharge</i>	<i>Time</i>
		<i>(ppm)</i>	<i>(SCFM)</i>	<i>(lbs/day)</i>	<i>Period</i>	<i>(lbs)</i>	<i>(lbs)</i>	<i>(Days)</i>
					<i>(lbs/day)</i>			
06/09/03	235	0	0	0.00	0.00	0.00	18382.59	21
07/14/03	270	0	0	0.00	0.00	0.00	18382.59	35
07/15/03	271	445	875	113.44	56.72	56.72	18439.31	1
07/21/03	277	297	875	75.71	94.57	567.44	19006.75	6
07/22/03	278	321	875	81.83	78.77	78.77	19085.52	1
08/01/03	288	248	875	63.22	72.52	725.24	19810.76	10
08/24/03	311	237	875	60.42	61.82	1421.79	21232.55	23
09/09/03	327	119	875	30.33	45.37	726.00	21958.55	16
09/10/03	328	134	875	34.16	32.25	32.25	21990.80	1
09/11/03	329	118	870	29.91	31.94	31.94	22022.73	1
09/12/03	330	126	875	32.12	31.10	31.10	22053.83	1
10/20/03	368	50	875	12.75	22.43	852.44	22906.27	38
11/24/03	403	255	875	65.00	38.87	1360.61	24266.88	35
12/30/03	439	155	875	39.51	52.26	1881.28	26148.16	36
01/29/04	469	147	873	37.39	38.40	1152.13	27300.29	30
02/16/04	487	142	849	35.12	35.74	643.33	27943.62	18
02/25/04	496	116	861	29.10	32.36	291.22	28234.84	9
03/25/04	525	114	875	29.06	29.32	850.14	29084.99	29
04/14/04	545	181	875	46.14	37.60	752.00	29836.99	20
04/27/04	558	158	875	40.28	43.21	561.71	30398.70	13
05/26/04	587	127	875	32.37	36.33	1053.44	31452.13	29
06/09/04	601	108	875	27.53	29.95	419.34	31871.47	14
06/30/04	622	97.6	875	24.88	26.21	550.31	32421.78	21
07/27/04	649	104	875	26.51	25.70	693.78	33115.56	27
08/03/04	656	94.2	875	24.01	25.26	176.83	33292.40	7
08/24/04	677	112	875	28.55	26.28	551.92	33844.31	21
09/08/04	692	114	875	29.06	28.81	432.08	34276.40	15
09/20/04	704	100	875	25.49	27.28	327.31	34603.71	12
10/05/04	719	109	875	27.79	26.64	399.58	35003.29	15
11/11/04	756	91.9	875	23.43	25.61	947.43	35950.72	37
11/22/04	767	72	875	18.35	20.89	229.79	36180.51	11
12/29/04	804	66	875	16.82	17.59	650.80	36831.31	37
01/27/05	833	54	875	13.77	15.29	443.55	37274.87	29
02/14/05	851	35.9	875	9.15	11.46	206.25	37481.12	18
03/02/05	867	29.1	875	7.42	8.28	132.56	37613.68	16
03/23/05	888	28.3	875	7.21	7.32	153.64	37767.31	21
04/08/05	904	26.5	875	6.76	6.98	111.76	37879.07	16
04/12/05	908	27.9	875	7.11	6.93	27.73	37906.80	4
05/16/05	942	18.2	875	4.64	5.88	199.78	38106.58	34

**VOC Emissions Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Date</i>	<i>Total Time</i>	<i>Effluent</i>		<i>"SnapShot"</i>	<i>Average</i>	<i>Incremental</i>	<i>Cumulative</i>	<i>Incremental</i>
	<i>(days)</i>	<i>Concentration</i>	<i>Flow Rate</i>	<i>Discharge</i>	<i>Discharge for</i>	<i>Discharge</i>	<i>Discharge</i>	<i>Time</i>
		<i>(ppm)</i>	<i>(SCFM)</i>	<i>(lbs/day)</i>	<i>Period</i>	<i>(lbs)</i>	<i>(lbs)</i>	<i>(Days)</i>
					<i>(lbs/day)</i>			
05/23/05	949	19.5	875	4.97	4.81	33.64	38140.22	7
06/01/05	958	17.1	875	4.36	4.66	41.98	38182.20	9
06/10/05	967	17.5	875	4.46	4.41	39.69	38221.89	9
06/17/05	974	19.2	875	4.89	4.68	32.74	38254.63	7
06/29/05	986	17.8	875	4.54	4.72	56.59	38311.23	12
08/11/05	1029	22.9	875	5.84	5.19	223.06	38534.29	43
08/17/05	1035	17.2	875	4.38	5.11	30.67	38564.96	6
09/15/05	1064	5.0	875	1.27	2.83	82.06	38647.01	29
09/29/05	1078	3.8	875	0.97	1.12	15.70	38662.72	14
11/03/05	1113	0.0	875	0.00	0.48	16.95	38679.67	35
11/10/05	1120	0.0	875	0.00	0.00	0.00	38679.67	7
11/16/05	1126	0.0	875	0.00	0.00	0.00	38679.67	6
11/29/05	1139	0.0	875	0.00	0.00	0.00	38679.67	13
12/06/05	1146	0.0	875	0.00	0.00	0.00	38679.67	7
12/12/05	1147	0.0	875	0.00	0.00	0.00	38679.67	6
01/10/06	1147	6.4	875	1.63	0.82	0.82	38680.48	35
09/14/06	1148	346	875	88.20	44.92	11.23	38691.71	247
09/21/06	1155	203	875	51.75	69.97	489.82	39181.53	7
09/25/06	1159	145	875	36.96	44.36	177.42	39358.96	4
10/02/06	1166	121	875	30.84	33.90	237.33	39596.28	7
10/10/06	1174	115	875	29.32	30.08	240.64	39836.92	8
10/16/06	1180	110	875	28.04	28.68	172.07	40008.99	6
10/30/06	1184	155	875	39.51	33.78	472.87	40481.86	14
11/06/06	1191	116	875	29.57	34.54	241.79	40723.65	7
11/21/06	1206	160	875	40.79	35.18	527.68	41251.32	15
11/28/06	1213	70.2	875	17.90	29.34	205.39	41456.71	7
12/05/06	1220	62.5	875	15.93	16.91	118.40	41575.10	7
12/11/06	1226	46.2	875	11.78	13.85	83.13	41658.23	6
12/18/06	1233	40.6	875	10.35	11.06	77.44	41735.67	7
01/02/07	1234	49.1	875	12.52	11.43	171.49	41907.17	15
01/08/07	1240	42.1	875	10.73	11.62	69.74	41976.91	6
01/16/07	1248	42.1	875	10.73	10.73	85.86	42062.77	8
02/05/07	1259	31.9	875	8.13	9.43	188.64	42251.41	20
02/26/07	1280	27.2	875	6.93	7.53	158.19	42409.59	21
03/05/07	1287	29.0	875	7.39	7.16	50.14	42459.74	7
03/13/07	1295	27.4	875	6.98	7.19	57.51	42517.25	8
03/14/07	1296	26.4	875	6.73	6.86	6.86	42524.10	1
03/26/07	1308	34.9	875	8.90	7.81	93.76	42617.86	12
04/02/07	1315	26.4	875	6.73	7.81	54.69	42672.55	7

**VOC Emissions Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Date</i>	<i>Total Time</i>	<i>Effluent</i>		<i>"SnapShot"</i>	<i>Average</i>	<i>Incremental</i>	<i>Cumulative</i>	<i>Incremental</i>
	<i>(days)</i>	<i>Concentration</i>	<i>Flow Rate</i>	<i>Discharge</i>	<i>Discharge for</i>	<i>Discharge</i>	<i>Discharge</i>	<i>Time</i>
		<i>(ppm)</i>	<i>(SCFM)</i>	<i>(lbs/day)</i>	<i>Period</i>	<i>(lbs)</i>	<i>(lbs)</i>	<i>(Days)</i>
					<i>(lbs/day)</i>			
05/29/07	1356	32.8	875	8.36	7.55	430.09	43102.65	57
06/04/07	1362	22.3	875	5.68	7.02	42.14	43144.78	6
06/11/07	1369	36.3	875	9.25	7.47	52.28	43197.07	7
06/18/07	1376	31.5	875	8.03	8.64	60.49	43257.56	7
06/26/07	1384	37.9	875	9.66	8.85	70.76	43328.32	8
08/07/07	1429	66.3	875	16.90	13.28	557.81	43886.13	42
08/27/07	1449	67.4	875	17.18	17.04	340.82	44226.95	20
09/04/07	1457	74.8	875	19.07	18.12	145.00	44371.95	8
09/10/07	1463	81.4	875	20.75	19.91	119.45	44491.40	6
10/02/07	1485	61.2	875	15.60	18.18	399.86	44891.26	22
10/31/07	1500	75.9	875	19.35	17.47	506.76	45398.02	29
11/12/07	1512	66.9	875	17.05	18.20	218.41	45616.43	12
11/19/07	1519	58.6	875	14.94	16.00	111.97	45728.40	7
12/05/07	1535	32.5	875	8.28	11.61	185.78	45914.19	16
12/10/07	1540	33.7	875	8.59	8.44	42.19	45956.38	5
12/20/07	1550	24.0	875	6.12	7.35	73.54	46029.92	10
01/07/08	1568	20.0	875	5.10	5.61	100.95	46130.87	18
02/12/08	1604	23.5	875	5.99	5.54	199.60	46330.46	36
03/11/08	1632	20.5	875	5.23	5.61	157.03	46487.49	28
03/17/08	1638	21.2	875	5.40	5.31	31.89	46519.38	6
03/24/08	1645	23.3	875	5.94	5.67	39.70	46559.09	7
03/31/08	1652	24.0	875	6.12	6.03	42.20	46601.29	7
05/20/08	1702	25.1	875	6.40	6.26	312.91	46914.20	50
06/02/08	1715	26.6	875	6.78	6.59	85.66	46999.86	13
06/16/08	1729	34.4	875	8.77	7.77	108.85	47108.71	14
06/30/08	1743	66.0	875	16.82	12.80	179.15	47287.86	14
07/14/08	1757	0.0	0	0.00	0.00	0.00	47287.86	14
08/18/08	1792	96.8	875	24.68	12.34	0.09	47287.95	35
08/20/08	1794	104.0	875	26.51	25.59	0.18	47288.13	2
09/09/08	1814	79.6	875	15.10	17.42	348.39	47636.52	20
09/15/08	1820	85.3	875	14.45	13.97	83.81	47720.32	6
09/22/08	1827	82.2	875	13.94	14.21	99.45	47819.78	7
09/29/08	1834	92.3	875	15.64	14.79	103.52	47923.29	7
10/07/08	1842	100.0	875	11.23	10.80	86.40	48009.69	8
10/14/08	1849	0.0	0	0.00	0.00	0.00	48009.69	7
10/20/08	1855	0.0	0	0.00	0.00	0.00	48009.69	6
10/28/08	1863	112.0	875	13.92	6.96	55.67	48065.36	8
11/10/08	1876	0.0	0	0.00	0.00	0.00	48065.36	13
11/24/08	1890	94.8	875	16.03	8.02	112.22	48177.58	14
12/01/08	1897	94.6	875	15.92	15.94	111.55	48289.13	7

**VOC Emissions Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Date</i>	<i>Total Time</i>	<i>Effluent</i>		<i>"SnapShot"</i>	<i>Average</i>	<i>Incremental</i>	<i>Cumulative</i>	<i>Incremental</i>
	<i>(days)</i>	<i>Concentration</i>	<i>Flow Rate</i>	<i>Discharge</i>	<i>Discharge for</i>	<i>Discharge</i>	<i>Discharge</i>	<i>Time</i>
		<i>(ppm)</i>	<i>(SCFM)</i>	<i>(lbs/day)</i>	<i>Period</i>	<i>(lbs)</i>	<i>(lbs)</i>	<i>(Days)</i>
					<i>(lbs/day)</i>			
12/08/08	1904	87.8	875	14.87	15.44	108.10	48397.24	7
12/24/08	1920	75.8	875	12.90	13.92	222.68	48619.92	16
12/29/08	1925	77.0	875	12.91	12.81	64.03	48683.95	5
01/06/09	1933	0.0	0	0.00	0.00	0.00	48683.95	8
01/14/09	1941	90.5	875	15.33	7.67	61.33	48745.27	8
01/19/09	1946	0.0	0	0.00	0.00	0.00	48745.27	5
01/26/09	1953	0.0	0	0.00	0.00	0.00	48745.27	7
02/26/09	1984	96.6	875	13.31	6.65	252.87	48998.14	38
03/02/09	1988	91.9	875	15.54	15.94	63.77	49061.91	4
03/09/09	1995	82.6	875	13.85	14.63	102.40	49164.31	7
03/16/09	2002	86.3	875	14.40	14.10	98.67	49262.98	7
03/24/09	2010	89.0	875	15.04	14.81	118.51	49381.49	8
03/30/09	2016	90.6	875	15.22	15.09	90.52	49472.01	6
04/06/09	2023	93.4	875	15.83	15.59	109.15	49581.16	7
04/14/09	2031	92.8	875	15.61	15.66	125.29	49706.45	8
04/28/09	2045	82.9	875	11.98	12.69	177.66	49884.11	14
05/11/09	2058	83.0	875	14.11	14.10	183.26	50067.37	13
05/26/09	2073	96.0	875	16.17	15.07	226.06	50293.43	15
06/01/09	2079	81.3	875	13.96	15.22	91.33	50384.76	6
06/09/09	2087	80.7	875	13.41	13.46	107.71	50492.48	8
06/15/09	2093	123.0	875	20.92	17.33	103.96	50596.44	6
06/29/09	2107	104.0	875	17.60	19.21	268.96	50865.39	14
07/06/09	2114	112.0	875	18.61	17.94	125.61	50991.00	7
07/14/09	2122	132.0	875	22.45	20.75	165.99	51157.00	8
07/20/09	2128	105.0	875	17.55	19.80	118.82	51275.81	6
07/27/09	2135	103.0	875	10.35	10.45	73.18	51349.00	7
08/03/09	2142	134.0	875	13.47	11.91	83.39	51432.38	7
08/12/09	2151	120.0	875	20.24	21.42	192.76	51625.14	9
08/24/09	2163	120.0	875	20.28	20.28	243.32	51868.46	12
08/31/09	2170	128.0	875	21.69	21.02	147.12	52015.58	7
09/08/09	2178	114.0	875	19.45	20.64	165.15	52180.72	8
09/16/09	2186	127.0	875	21.16	20.08	160.63	52341.35	8
09/28/09	2198	120.0	875	20.28	20.87	250.41	52591.76	12
10/05/09	2205	102.0	875	0.00	0.00	0.00	52591.76	7
10/12/09	2212	165.0	875	45.14	36.52	255.66	52847.42	7
10/26/09	2226	158.0	875	27.17	27.78	388.87	53236.30	14
11/03/09	2234	155.0	875	19.36	19.55	156.42	53392.72	8
11/10/09	2241	125.0	875	5.94	6.65	46.54	53439.26	7
11/23/09	2254	124.0	875	29.07	29.18	379.39	53818.65	13
11/30/09	2261	117.0	875	19.88	20.48	143.35	53962.00	7

**VOC Emissions Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>Date</i>	<i>Total Time (days)</i>	<i>Effluent Concentration (ppm)</i>	<i>Flow Rate (SCFM)</i>	<i>"SnapShot" Discharge (lbs/day)</i>	<i>Average Discharge for Period (lbs/day)</i>	<i>Incremental Discharge (lbs)</i>	<i>Cumulative Discharge (lbs)</i>	<i>Incremental Time (Days)</i>
12/07/09	2268	94.3	875	15.90	17.81	124.67	54086.67	7
01/04/10	2296	107.0	875	18.03	16.96	474.98	54561.65	28
01/11/10	2303	108.0	875	18.27	18.19	127.31	54688.96	7
02/01/10	2324	93.5	875	14.24	15.35	322.32	55011.28	21
02/08/10	2331	98.7	875	16.67	16.23	113.61	55124.89	7
02/22/10	2345	92.2	875	15.62	16.17	226.39	55351.27	14
03/01/10	2352	95.9	875	16.20	15.88	111.18	55462.46	7
03/08/10	2359	91.6	875	15.46	15.82	110.73	55573.18	7
03/22/10	2373	80.8	875	13.68	14.59	204.26	55777.45	14
03/29/10	2380	77.0	875	10.57	10.83	75.84	55853.29	7
04/05/10	2387	67.4	875	13.40	14.35	100.46	55953.75	7
04/13/10	2395	69.7	875	11.78	11.59	92.69	56046.44	8
04/19/10	2401	79.3	875	13.53	12.71	76.28	56122.72	6
05/20/10	2432	79.6	875	9.34	9.32	289.03	56411.75	31
05/27/10	2439	74.0	875	12.35	12.82	89.73	56501.48	7
06/01/10	2444	79.6	875	13.32	12.86	64.28	56565.76	5
06/07/10	2450	79.9	875	13.59	13.57	81.40	56647.16	6
06/15/10	2458	97.0	875	0.63	0.58	4.60	56651.76	8
06/28/10	2471	151.0	875	25.53	20.96	272.50	56924.26	13
07/19/10	2492	138.0	875	20.39	21.35	448.32	57372.58	21
07/26/10	2499	155.0	875	26.32	24.87	174.12	57546.70	7
08/30/10	2534	127.0	875	20.20	22.43	785.06	58331.76	35
09/07/10	2542	132.0	875	22.29	21.87	174.96	58506.72	8
09/13/10	2548	120.0	875	20.46	21.48	128.88	58635.60	6
09/20/10	2555	122.0	875	20.40	20.23	141.63	58777.23	7
09/27/10	2562	124.0	875	21.07	20.90	146.32	58923.55	7
10/04/10	2569	137.0	875	22.89	21.80	152.61	59076.16	7
10/12/10	2577	136.0	875	23.08	23.16	185.29	59261.45	8
10/19/10	2584	134.0	875	22.61	22.78	159.45	59420.90	7
10/25/10	2590	141.0	875	23.64	23.05	138.31	59559.20	6
11/01/10	2597	172.0	875	5.25	4.77	33.41	59592.62	7
11/09/10	2605	140.0	875	23.89	26.61	212.92	59805.53	8
11/22/10	2618	112.0	875	19.06	21.44	278.77	60084.30	13
12/06/10	2632	97.0	875	16.40	17.67	247.41	60331.71	14
12/13/10	2639	93.0	875	12.98	13.26	92.83	60424.54	7
01/04/11	2661	50.6	875	8.67	12.31	270.73	60695.27	22
01/10/11	2667	77.7	875	15.30	12.63	75.77	60771.04	6
01/17/11	2674	77.7	875	13.15	13.15	92.02	60863.06	7
01/24/11	2681	80.2	875	13.53	13.32	93.25	60956.31	7

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	<i>(days)</i>	<i>Concentration</i>	<i>Flow Rate</i>	<i>Discharge</i>	<i>Discharge for</i>	<i>Discharge</i>	<i>Discharge</i>	<i>Time</i>
		<i>(ppm)</i>	<i>(SCFM)</i>	<i>(lbs/day)</i>	<i>Period</i>	<i>(lbs)</i>	<i>(lbs)</i>	<i>(Days)</i>
					<i>(lbs/day)</i>			
01/31/11	2688	79.9	875	9.37	9.39	65.72	61022.03	7
02/07/11	2695	73.0	875	12.61	13.20	92.41	61114.44	7
03/07/11	2723	91.1	875	14.32	12.90	361.23	61475.67	28
03/28/11	2744	67.7	875	11.40	13.37	280.75	61756.42	21
08/16/11	2885	35.0	875	5.16	7.56	1066.56	62822.98	141
08/23/11	2892	35.6	875	3.82	3.79	26.51	62849.49	7
09/08/11	2908	87.9	875	9.34	6.56	105.01	62954.49	16
09/22/11	2922	53.7	875	1.65	2.17	30.38	62984.88	14
10/05/11	2935	53.1	875	3.06	3.08	39.99	63024.86	13
10/27/11	2957	49.0	875	3.08	3.21	70.65	63095.51	22
11/18/11	2979	49.0	875	5.21	5.21	114.55	63210.07	22
12/13/11	3004	47.0	875	4.98	5.09	127.25	63337.32	25
01/19/12	3041	33.0	875	3.50	4.24	156.90	63494.22	37
02/07/12	3060	33.0	875	3.51	3.51	66.74	63560.96	19
03/15/12	3097	33.6	875	3.57	3.53	130.76	63691.72	37
04/05/12	3118	15.3	875	1.63	2.60	54.56	63746.28	21
05/24/12	3167	15.3	875	1.26	1.26	61.85	63808.13	49
06/14/12	3188	15.3	875	0.54	0.54	11.42	63819.56	21
11/15/12	3342	15.3	875	0.74	0.74	113.46	63933.02	154
12/07/12	3364	15.3	875	0.02	0.02	0.44	63933.46	22
12/11/12	3368	15.3	875	1.66	1.66	6.63	63940.09	4
12/20/12	3377	15.3	875	1.64	1.64	14.77	63954.86	9
01/03/13	3391	15.3	875	0.03	0.03	0.41	63955.27	14
01/11/13	3399	24.0	875	0.63	0.52	4.15	63959.42	8
01/17/13	3405	34.0	875	3.62	3.09	18.51	63977.93	6
01/24/13	3412	35.0	875	3.74	3.69	25.80	64003.73	7
01/31/13	3419	30.0	875	3.20	3.46	24.23	64027.96	7
02/07/13	3426	30.0	875	3.22	3.22	22.53	64050.49	7
02/14/13	3433	27.6	875	2.97	3.09	21.66	64072.15	7
02/28/13	3447	14.0	875	1.49	2.22	31.04	64103.19	14
03/07/13	3454	9.0	875	0.96	1.23	8.61	64111.80	7
03/14/13	3461	12.6	875	1.35	1.15	8.08	64119.88	7
03/19/13	3466	9.5	875	1.02	1.19	5.95	64125.83	5
03/28/13	3475	9.0	875	0.96	0.99	8.92	64134.75	9
04/05/13	3483	10.0	875	1.07	1.01	8.11	64142.86	8
04/10/13	3488	8.3	875	0.89	0.98	4.90	64147.76	5
04/18/13	3496	9.7	875	1.02	0.95	7.59	64155.35	8
04/25/13	3503	7.5	875	0.81	0.93	6.50	64161.85	7
05/02/13	3510	8.7	875	0.91	0.85	5.92	64167.77	7

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	<i>(days)</i>	<i>Concentration</i>	<i>Flow Rate</i>	<i>Discharge</i>	<i>Discharge for</i>	<i>Discharge</i>	<i>Discharge</i>	<i>Time</i>
		<i>(ppm)</i>	<i>(SCFM)</i>	<i>(lbs/day)</i>	<i>Period</i>	<i>(lbs)</i>	<i>(lbs)</i>	<i>(Days)</i>
					<i>(lbs/day)</i>			
05/09/13	3517	8.7	875	0.93	0.93	6.51	64174.28	7
05/16/13	3524	19.0	875	2.03	1.48	10.36	64184.63	7
05/23/13	3531	15.0	875	1.60	1.81	12.69	64197.33	7
05/30/13	3538	15.0	875	1.57	1.57	11.01	64208.34	7
06/06/13	3545	16.0	875	1.64	1.59	11.10	64219.43	7
06/13/13	3552	15.0	875	1.60	1.66	11.61	64231.04	7
06/27/13	3566	14.0	875	1.19	1.23	17.28	64248.32	14
07/02/13	3571	9.3	875	1.00	1.25	6.24	64254.56	5
07/19/13	3588	12.2	875	1.28	1.13	19.23	64273.78	17
07/26/13	3595	10.0	875	1.08	1.20	8.37	64282.15	7
08/22/13	3622	6.0	875	0.45	0.60	16.08	64298.23	27
09/05/13	3636	7.5	875	0.74	0.67	9.35	64307.58	14
09/19/13	3650	48.2	875	5.10	2.95	41.24	64348.82	14
10/03/13	3664	88.9	875	9.46	7.29	102.08	64450.90	14
10/31/13	3692	87.1	875	3.32	3.36	94.03	64544.93	28
11/14/13	3706	85.3	875	3.26	3.30	46.14	64591.07	14
11/27/13	3719	18.1	875	1.05	2.99	38.93	64630.00	13
12/11/13	3733	86.9	875	9.26	5.60	78.35	64708.35	14
12/24/13	3746	89.7	875	1.49	1.46	19.04	64727.39	13
01/08/14	3761	84	875	3.57	3.69	55.35	64782.74	15
12/31/14	4118	0	875	0.00	0.00	0.00	64782.74	357

Estimated avg lbs/day removed (2002):	111	Total tons VOCs removed (2002):	4.96
Estimated avg lbs/day removed (2003):	46	Total tons VOCs removed (2003):	8.69
Estimated avg lbs/day removed (2004):	29	Total tons VOCs removed (2004):	5.34
Estimated avg lbs/day removed (2005):	4.5	Total tons VOCs removed (2005):	0.92
Estimated avg lbs/day removed (2006):	36	Total tons VOCs removed (2006):	1.53
Estimated avg lbs/day removed (2007):	13	Total tons VOCs removed (2007):	2.06
Estimated avg lbs/day removed (2008):	7.2	Total tons VOCs removed (2008):	1.28
Estimated avg lbs/day removed (2009):	16	Total tons VOCs removed (2009):	2.70
Estimated avg lbs/day removed (2010):	7.7	Total tons VOCs removed (2010):	2.93
Estimated avg lbs/day removed (2011):	1.7	Total tons VOCs removed (2011):	1.32
Estimated avg lbs/day removed (2012):	1.4	Total tons VOCs removed (2012):	0.23
Estimated avg lbs/day removed (2013):	1.4	Total tons VOCs removed (2013):	0.39
Estimated avg lbs/day removed (2014):	0.15	Total tons VOCs removed (2014):	0.028
Estimated total pounds VOCs removed:	64,783	Cumulative tons VOCs removed since startup:	32.39

Notes and Calculations:

VOC Discharge (lbs/day) = ((Co (ppm)*(78 g/mole)/24.05)*(1 g/1000 mg)*(1 m³/35.31 cf)*(1 lb/454 g)*(Q (scfm)*1440 min/day)

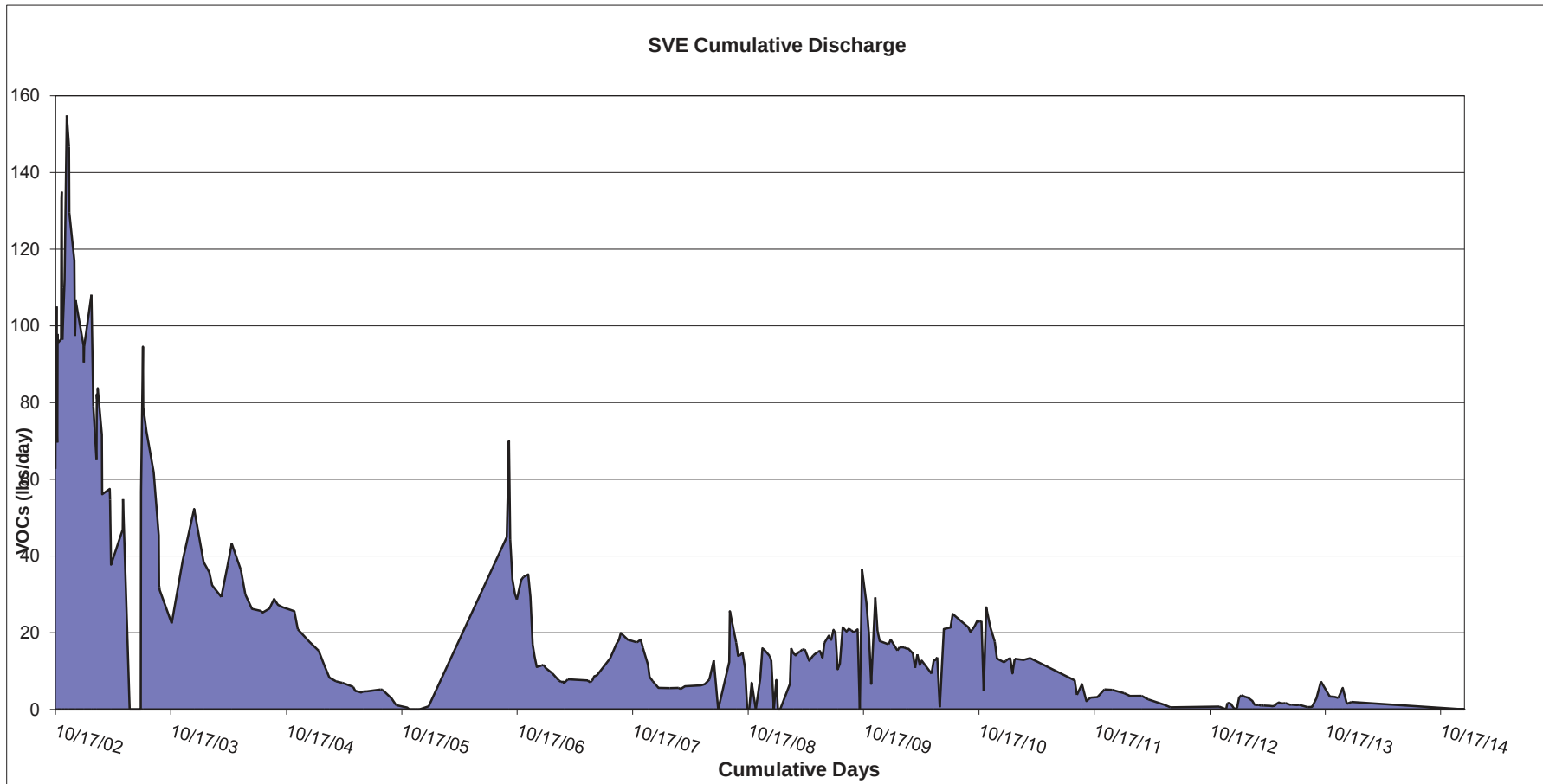
Where: Co = Average Effluent VOC concentration (ppm) from previous time period

VOC Emissions Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

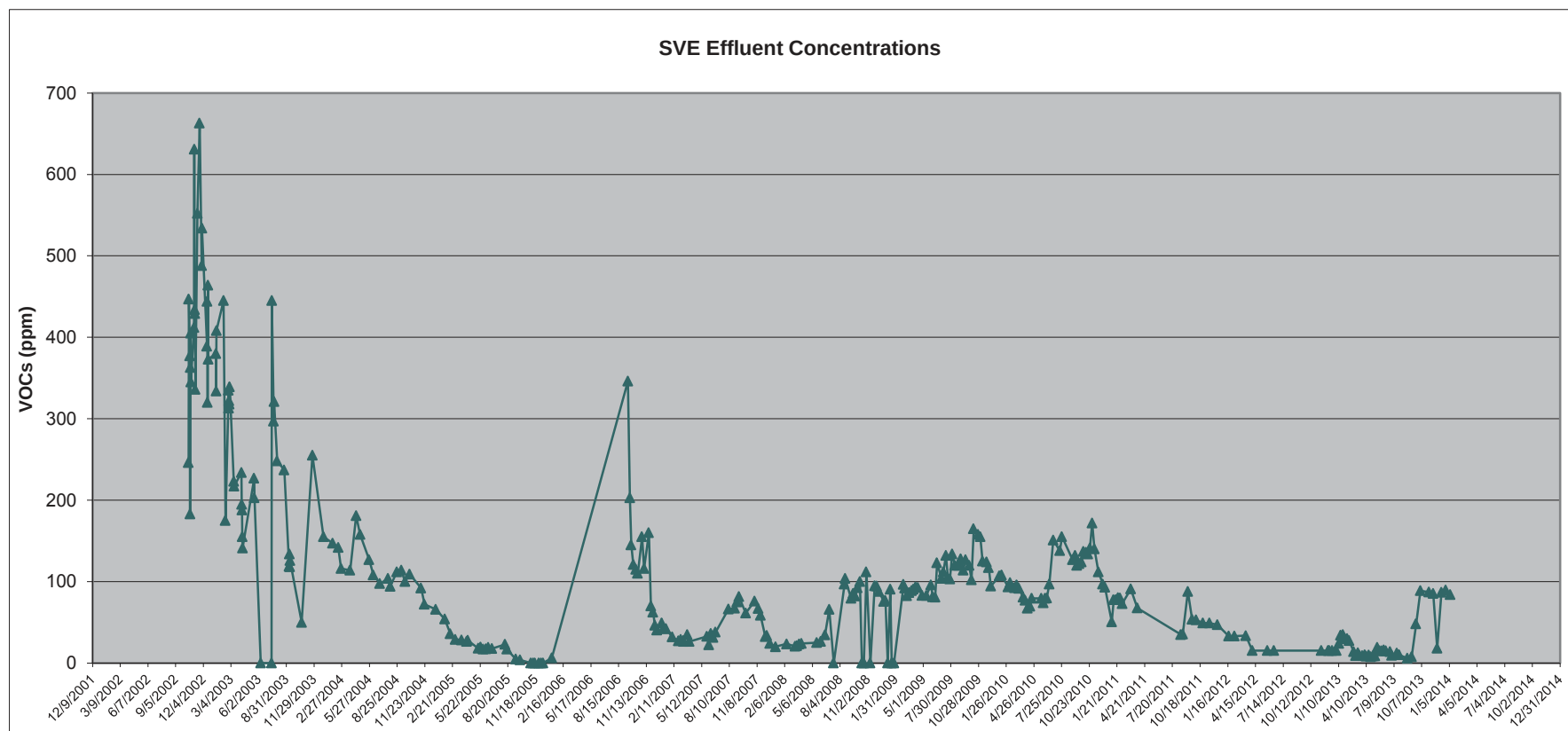
<i>Date</i>	<i>Total Time</i> <i>(days)</i>	<i>Effluent</i> <i>Concentration</i> <i>(ppm)</i>	<i>Flow Rate</i> <i>(SCFM)</i>	<i>"SnapShot"</i> <i>Discharge</i> <i>(lbs/day)</i>	<i>Average</i> <i>Discharge for</i> <i>Period</i> <i>(lbs/day)</i>	<i>Incremental</i> <i>Discharge</i> <i>(lbs)</i>	<i>Cumulative</i> <i>Discharge</i> <i>(lbs)</i>	<i>Incremental</i> <i>Time</i> <i>(Days)</i>
Q = flow rate of effluent air (scfm)					24.05 = gas law constant			

Soil Vapor Extraction (SVE) system was inoperable during 2014 due to a faulty compressor.

VOC Emissions Data (Graphical)
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



VOC Emissions Data (Graphical)
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



Soil Vapor Extraction (SVE) system was inoperable during 2014 due to a faulty compressor.

Table 7

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

		<i>Monitoring Point - Measurements = inches of water</i>							
<i>Date</i>	<i>Time</i>	<i>PID (ppm)</i>	<i>MW-4 SVE-1</i>	<i>MW-5 SVE-2</i>	<i>MW-6 SVE-3</i>	<i>MW-7 SVE-4</i>	<i>MW-8 SVE-5</i>	<i>MW-9 SVE-6</i>	<i>MW-10 SVE-7</i>
08/05/08	9:30 AM								
08/06/08	7:30 AM		-3.1	-9.9	-9.9	-13.1	-13.0		-12.0
08/18/08	9:00 AM	96.8							
08/20/08	8:30 AM	104.0							
09/05/08	9:00 AM	85.3	-10.5	-10.8	-10.8	-10.6	-10.5		-10.5
09/09/08	8:30 AM	79.6	-8.0	-10.2	-10.4	-10.5	-10.3		-10.5
09/22/08	9:05 AM	82.2	-10.5	-10.5	-10.8	-11.1	-11.0		-11.0
09/29/08	9:00 AM	92.3	-10.2	-10.4	-10.5	-11.3	-11.3		-11.2
10/07/08	8:52 AM	100.0	-10.2	-10.2	-10.2	-10.8	-10.9		-10.8
10/28/08	8:45 AM	112.0	-10.0	-10.0	-10.0	-10.5	-10.4		-10.4
11/10/08	10:40 AM	119.0	-11.2	-11.2	-11.3	-10.8	-10.8		-11.0
11/24/08	10:05 AM	94.8	-11.0	-11.0	-11.0	-10.8	-10.9		-10.7
12/01/08	9:14 AM	94.6	-10.8	-10.8	-10.8	-10.6	-10.5		-10.7
12/08/08	9:15 AM	87.8	-10.7	-10.8	-10.8	-10.8	-10.9		-10.8
12/24/08	10:05 AM	75.8	-11.0	-11.0	-11.0	-10.2	-10.2		-10.2
12/29/08	8:50 AM	77.0	-9.4	-9.4	-9.8	-10.1	-10.3		-10.1
01/06/09	10:10 AM	136.0	-14.8	-14.8	-15.0	-15.0	-15.0		-15.0
01/14/09	10:45 AM	90.5	-15.3	-15.5	-16.0	-15.3	-15.6		-15.3
01/26/09	9:10 AM		-13.0	-13.0	-14.0	-13.2	-13.3		-13.2
02/10/09	9:00 AM		-12.0	-11.3	-14.0	-14.0	-14.0		-13.8
02/26/09	7:40 AM	96.6	-15.5	-14.0	-20.0	-21.0	-21.3		-20.8
03/02/09	9:20 AM	91.9	-21.0	-14.4	-21.0	-21.2	-22.0		-18.0
03/09/09	9:20 AM	82.6	-20.4	-13.5	-20.7	-20.5	-21.3		-20.4
03/16/09	9:11 AM	86.3	-20.0	-10.5	-21.7	-21.5	-21.9		-20.5
03/24/09	9:13 AM	89.0	-21.0	-12.1	-21.3	-21.3	-21.8		-20.4
03/30/09	9:13 AM	90.6	-20.3	-10.3	-21.1	-20.0	-21.5		-16.5
04/06/09	9:08 AM	93.4	-18.0	-11.6	-23.8	-21.0	-22.4		-18.2
04/14/09	8:55 AM	92.8	-13.7	-11.0	-22.5	-22.0	-24.0		-23.1

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

		<i>Monitoring Point - Measurements = inches of water</i>							
<i>Date</i>	<i>Time</i>	<i>PID (ppm)</i>	<i>MW-4 SVE-1</i>	<i>MW-5 SVE-2</i>	<i>MW-6 SVE-3</i>	<i>MW-7 SVE-4</i>	<i>MW-8 SVE-5</i>	<i>MW-9 SVE-6</i>	<i>MW-10 SVE-7</i>
04/20/09	9:30 AM		-12.5	-10.3	-21.5	-22.1	-24.3		-23.2
04/28/09	9:20 AM	82.9	-14.1	-12.6	-23.0	-23.2	-24.6		-22.4
05/11/09	9:45 AM	83.0	-10.0	-9.9	-23.0	-23.0	-23.9		-22.5
05/26/09	9:01 AM	96.0	-10.3	-9.6	-22.9	-25.0	-22.8		-22.2
06/01/09	10:00 AM	81.3	-8.0	-10.5	-22.1	-22.4	-22.8		-22.8
06/09/09	8:00 AM	80.7	-7.5	-9.8	-22.0	-22.0	-21.6		-21.6
06/15/09	8:30 AM	123	-1.5	-10.2	-20.5	-21.3	-20.9		-21.3
06/29/09	9:15 AM	104	-6.0	-14.6	-20.4	-20.2	-20.5		-20.4
07/06/09	8:30 AM	112							
07/14/09	9:00 AM	132	-7.2	-19.8	-20.1	-20.0	-20.1		-19.7
07/20/09	8:30 AM	105	-5.9	-19.9	-20.4	-22.2	-20.0		-19.8
07/27/09	10:00 AM	103	-6.9	-19.9	-19.6	-19.9	-19.8		-20.2
08/03/09	9:00 AM	134	-7.1	-19.7	-20.3	-20.2	-20.1		-20.1
08/12/09	8:40 AM	120	-18.4	-19.5	-19.5	-19.6	-19.9		-19.5
08/24/09	8:30 AM	120	-18.7	-18.5	-18.9	-18.7	-18.9		-18.9
08/31/09	8:45 AM	128	-19.1	-18.9	-19.0	-19.0	-19.2		-18.6
09/08/09	10:30 AM	114	-18.7	-18.5	-18.7	-18.7	-18.7		-18.4
09/16/09	8:30 AM	127	-19.1	-18.8	-19.0	-18.8	-19.2		-19.4
09/28/09	8:30 AM	120	-19.6	-19.2	-19.1	-19.1	-19.2		-19.0
10/05/09	9:45 AM	102	-18.7	-18.3	-18.9	-18.7	-18.8		-18.4
10/12/09	8:45 AM	165	-19.6	-19.2	-19.4	-19.3	-19.4		-19.2
10/26/09	12:35 PM	158	-19.9	-19.4	-19.7	-19.1	-19.1		-19.0
11/03/09	9:00 AM	155	-19.9	-19.6	-19.9	-19.6	-20.0		-19.4
11/10/09	8:45 AM	125	-20.1	-19.8	-20.0	-20.1	-19.5		-19.5
11/23/09	8:45 AM	124	-21.0	-18.0	-20.5	-20.3	-20.8		-20.5
11/30/09	9:00 AM	117	-21.2	-16.6	-21.5	-20.7	-21.2		-20.4
12/07/09	9:00 AM	94.3	-22.6	-12.6	-21.5	-20.8	-21.5		-20.7
12/22/09	9:00 AM		-18.9	-12.1	-20.7	-20.9	-21.2		-20.3
01/04/10	9:30 AM	107	-20.7	-12.6	-21.8	-21.5	-22.0		-21.0
01/11/10	9:20 AM	108	-20.6	-12.0	-22.3	-22.8	-21.6		-15.6
01/18/10	9:40 AM		-19.0	-10.6	-16.7	-21.6	-22.9		-19.5

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

		<i>Monitoring Point - Measurements = inches of water</i>							
<i>Date</i>	<i>Time</i>	<i>PID (ppm)</i>	<i>MW-4 SVE-1</i>	<i>MW-5 SVE-2</i>	<i>MW-6 SVE-3</i>	<i>MW-7 SVE-4</i>	<i>MW-8 SVE-5</i>	<i>MW-9 SVE-6</i>	<i>MW-10 SVE-7</i>
02/01/10	9:40 AM	93.5	-19.8	-11.8	-16.1	-23.0	-21.6		-20.8
02/08/10	9:30 AM	98.7							
02/22/10	9:00 AM	92.2	-9.6	-10.2	-11.4	-20.2	-24.0		-19.5
03/01/10	9:15 AM	95.9	-10.1	-10.0	-8.9	-16.4	-24.7		-21.3
03/08/10	8:45 AM	91.6	-10.2	-7.8	-11.4	-17.8	-25.0		-17.8
03/22/10	9:40 AM	80.8	-9.2	-7.8	-11.4	-10.3	-23.0		-22.1
03/29/10	9:40 AM	77.0	-9.5	-6.3	-9.4	-12.4	-24.6		-21.0
04/05/10	9:00 AM	67.4	-8.4	-7.4	-9.8	-10.9	-23.5		-22.0
04/13/10	9:00 AM	69.7	-6.9	-7.0	-10.0	-7.1	-23.1		-20.2
04/19/10	10:00 AM	79.3	-7.7	-7.2	-9.3	-6.7	-24.1		-20.3
04/26/10	12:15 PM		-9.4	-7.5	-8.7	-9.1	-23.9		-22.3
05/03/10	9:00 AM		-8.0	-7.3	-6.8	-7.0	-22.6		-21.3
05/14/10	11:00 AM		-8.4	-5.8	-7.8	-7.6	-20.6		-21.6
05/20/10	10:30 AM	79.6	-6.0	-6.7	-6.2	-5.6	-20.0		-22.9
05/27/10	9:20 AM	74.0	-6.5	-6.8	-6.4	-8.1	-20.3		-21.7
06/01/10	8:20 AM	79.6	-8.0	-7.8	-5.0	-5.4	-19.9		-21.6
06/07/10	9:00 AM	79.9	-10.9	-6.7	-5.4	-7.8	-18.9		-21.0
06/15/10	8:45 AM	97.0	-5.8	-5.7	-4.7	-5.8	-17.0		-23.0
06/28/10	8:45 AM	151.0	-6.3	-4.7	-4.5	-13.3	-20.6		-20.2
07/19/10	8:55 AM	138.0	-6.5	-4.2	-6.6	-19.9	-20.6		-19.4
07/26/10	9:55 AM	155.0	-5.6	-5.7	-6.7	-20.6	-20.4		-20.1
08/09/10	9:22 AM		-5.2	-6.6	-7.0	-20.7	-20.4		-20.0
08/16/10	9:00 AM		-4.5	-9.0	-5.0	-20.6	-20.5		-20.6
08/30/10	8:30 AM	127.0	-5.1	-20.0	-6.5	-19.8	-20.0		-20.0
09/07/10	9:00 AM	132.0	-5.9	-19.5	-5.5	-20.2	-20.0		-20.1
09/13/10	9:55 AM	120.0	-5.3	-19.7	-6.7	-20.1	-19.9		-20.1
09/20/10	9:10 AM	122.0	-5.7	-19.9	-7.1	-20.5	-20.0		-19.9
09/27/10	9:30 AM	124.0	-4.8	-20.0	-6.8	-20.2	-19.9		-20.0
10/04/10	8:40 AM	137.0	-6.0	-20.7	-9.2	-20.4	-20.8		-20.9
10/12/10	9:00 AM	136.0	-5.2	-20.4	-10.3	-20.8	-20.2		-21.0
10/19/10	9:30 AM	134.0	-4.9	-20.3	-13.3	-20.5	-20.1		-20.3
10/25/10	8:40 AM	141.0	-6.2	-19.6	-16.2	-20.0	-20.0		-19.9

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

		<i>Monitoring Point - Measurements = inches of water</i>							
<i>Date</i>	<i>Time</i>	<i>PID</i> (ppm)	<i>MW-4</i> <i>SVE-1</i>	<i>MW-5</i> <i>SVE-2</i>	<i>MW-6</i> <i>SVE-3</i>	<i>MW-7</i> <i>SVE-4</i>	<i>MW-8</i> <i>SVE-5</i>	<i>MW-9</i> <i>SVE-6</i>	<i>MW-10</i> <i>SVE-7</i>
11/01/10	8:55 AM	172.0	-6.7	-20.2	-17.4	-20.3	-20.3		-20.2
11/09/10	9:00 AM	140.0	-6.8	-19.7	-19.4	-20.1	-20.2		-20.1
11/22/10	10:29 AM	112.0	-5.0	-19.7	-16.8	-21.2	-21.0		-21.0
12/06/10	10:00 AM	97.0	-5.8	-14.8	-12.4	-22.7	-22.8		-22.0
12/13/10	11:00 AM	93.0	-6.2	-13.9	-17.0	-22.0	-22.9		-21.4
01/04/11	11:25 AM	50.6							
01/10/11	10:23 AM	77.7	-5.3	-11.4	-12.6	-22.2	-23.2		-21.8
01/17/11	10:00 AM	77.7	-5.6	-12.1	-17.3	-22.8	-22.6		-22.2
01/24/11	9:10 AM	80.2	-5.8	-11.7	-13.5	-22.5	-22.5		-21.5
01/31/11	8:30 AM	79.9	-7.8	-11.0	-15.3	-21.7	-22.6		-21.6
02/07/11	10:30 AM	73.0	-5.5	-12.7	-18.0	-23.0	-23.0		-20.9
02/14/11	11:00 AM		-7.7	-12.0	-17.0	-24.1	-23.9		-23.0
03/07/11	10:50 AM	91.1	-5.2	-8.2	-16.4	-23.8	-24.0		-20.2
03/21/11	10:15 AM		-8.0	-9.5	-9.8	-23.1	-23.1		-23.0
03/07/11	10:50 AM	91.1	-5.2	-8.2	-16.4	-23.8	-24.0		-20.2
03/21/11	10:15 AM		-8.0	-9.5	-9.8	-23.1	-23.1		-23.0
03/28/11	10:10 AM	67.7	-6.8	-9.2	-10.1	-23.0	-23.0		-23.1
04/04/11	12:45 PM	77.9	-19.0	-8.8	-8.4	-23.5	-22.3		-22.5
04/11/11	8:30 AM	64.0	-19.1	-7.9	-6.8	-23.6	-21.3		-20.9
05/02/11	9:00 AM		-0.1	-6.4	-24.1	-21.8	-17.8		-23.1
05/09/11	8:45 AM		-0.1	-4.5	-23.0	-23.3	-18.2		-22.4
05/31/11	8:45 AM	62.0	0.0	-4.0	-22.5	-22.7	-19.0		-22.8
06/06/11	8:40 AM	62.5	0.0	-3.8	-23.1	-22.9	-17.0		-22.9
06/20/11	10:00 AM		0.0	-2.4	-22.0	-22.2	-23.3		-21.5
06/27/11	8:30 AM	55.5	0.0	-4.7	-22.6	-22.4	-22.7		-22.7
07/05/11	10:15 AM	57.7	0.0	-3.8	-22.4	-22.3	-22.5		-22.7
08/16/11	1:30 PM	35.0	0.0	-16.4	-21.4	-21.9	-22.0		-21.6
08/23/11	12:00 PM	35.6	-0.1	-20.8	-21.1	-21.3	-21.9		-20.9
09/08/11	10:02 AM	87.9	0.0	-22.3	-22.5	-22.4	-22.4		-22.2
09/22/11	10:23 AM	53.7	0.0	-23.0	-22.9	-22.8	-22.8		-22.6
10/05/11	11:26 AM	53.1	-0.1	-22.5	-22.7	-22.4	-22.4		-22.7

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

		<i>Monitoring Point - Measurements = inches of water</i>							
<i>Date</i>	<i>Time</i>	<i>PID (ppm)</i>	<i>MW-4 SVE-1</i>	<i>MW-5 SVE-2</i>	<i>MW-6 SVE-3</i>	<i>MW-7 SVE-4</i>	<i>MW-8 SVE-5</i>	<i>MW-9 SVE-6</i>	<i>MW-10 SVE-7</i>
10/27/11	2:00 PM	49.0	0.0	-23.8	-23.9	-24.1	-24.4		-23.9
12/13/11	1:30 PM	47.0	0.0	-23.2	-23.5	-24.0	-24.0		-23.9
01/19/12	1:25 PM	33.0	0.0	-13.2	-17.3	-24.7	-25.7		-24.7
02/07/12	12:00 PM	33.0	-0.3	-15.6	-15.3	-25.7	-28.1		-25.6
03/15/12	1:00 PM	33.6	-0.1	-12.2	-11.3	-19.5	-19.1		-26.3
04/05/12	1:00 PM	15.3	-0.1	-10.5	-10.6	-15.9	-20.8		-19.0
04/26/12	1:15 PM	15.5	0.0	-7.5	-8.0	-15.9	-19.0		-20.5
05/24/12	1:30 PM	25.9	-0.1	-4.0	-5.9	-13.8	-15.2		-23.7
06/14/12	2:05 PM	19.2	0.0	-3.9	-5.0	-16.3	0.0		22.0
11/15/12	4:14 PM		-0.1	-2.8	-2.8	-25.8	-23.9		-24.0
11/29/12	1:20 PM	33.7	0.0	-3.1	-0.3	-23.1	-24.2		-22.8
12/07/12	3:56 PM	30.2	0.0	-3.6	0.0	-23.8	-22.9		-23.6
12/11/12	1:10 PM	31.2	0.0	-2.2	-3.2	-25.3	-22.9		-25.1
12/20/12	11:40 AM		0.0	-2.9	-3.0	-26.5	-27.1		-25.8
01/03/13	12:00 PM		0.0	-2.6	-0.3	-29.0	-29.2		-28.3
01/11/13	3:21 PM	24.0							
01/17/13	2:34 PM	34.0	0.0	-2.6	-1.7	-29.3	-27.5		-28.3
01/24/13	2:37 PM	35.0	0.0	-1.8	-0.8	-29.7	-26.8		-26.1
01/31/13	1:18 PM	30.0	-0.1	-3.0	-1.3	-29.3	-28.3		-27.6
02/07/13	3:01 PM	30.0	-0.1	-3.8	-1.0	-28.3	-29.0		-27.6
02/14/13	12:35 PM	27.6	-1.0	-4.0	-0.3	-29.4	-28.7		-28.8
02/28/13	11:48AM	14.0	0.0	-1.4	-0.3	-0.5	-26.4		-28.9
03/07/13	2:59 PM	9.0	0.0	-2.9	-0.6	-0.5	-20.2		-28.4
03/14/13	12:25 PM	12.6	-0.1	-2.5	-0.2	-0.2	-25.1		-27.6
03/19/13	1:30 PM	9.5	-0.2	-3.8	-0.4	-0.4	-23.6		-28.0
03/28/13	12:15 PM	9.0	-0.1	-2.1	-0.3	-0.5	-20.1		-22.7
04/05/13	1:27 PM	10.0	-0.1	-1.1	-0.1	-0.4	-15.2		-21.7
04/10/13	1:45 PM	8.3	-0.1	-3.6	-0.3	-0.3	-19.3		-28.9
04/18/13	9:45 AM	9.7	-0.1	-4.1	-0.1	-0.4	-18.6		-29.7
04/25/13	12:00 PM	7.5	-0.1	-2.6	-0.4	-0.1	-18.6		-28.1

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

		<i>Monitoring Point - Measurements = inches of water</i>							
<i>Date</i>	<i>Time</i>	<i>PID</i> <i>(ppm)</i>	<i>MW-4</i> <i>SVE-1</i>	<i>MW-5</i> <i>SVE-2</i>	<i>MW-6</i> <i>SVE-3</i>	<i>MW-7</i> <i>SVE-4</i>	<i>MW-8</i> <i>SVE-5</i>	<i>MW-9</i> <i>SVE-6</i>	<i>MW-10</i> <i>SVE-7</i>
05/02/13	9:30 AM	8.7	-0.2	-4.3	-0.2	-0.5	-20.3		-30.6
05/09/13	11:45 AM		-0.2	-2.0	0.0	0.0	-4.0		-26.5
05/16/13	12:25 PM	19.0	-0.2	-2.9	-0.4	0.0	-11.4		-25.6
05/23/13	12:41 PM	15.0	0.0	-0.5	0.0	0.0	-15.6		-28.9
05/30/13	12:51 PM		-0.1	-2.4	-0.2	-0.2	-13.6		-27.3
06/06/13	10:47 PM	16.0	-0.1	-2.8	-0.1	-0.2			-28.1
06/13/13	5:17 PM	15.0	0.0	-2.7	0.0	0.0	-14.7		-25.9
06/27/13	10:45 AM	14.0	0.0	-3.2	-0.1	-0.1	-13.8		-26.9
07/02/13	12:15 PM	9.3	0.0	-2.9	0.0	0.0	-13.3		-27.2
07/19/13	12:44 PM	12.2							
07/26/13	3:25 PM	10.0	0.0	-3.4	0.0	-0.1	-15.9		-26.2
08/22/13	12:10 PM	6.0	0.0	-2.4	0.0	0.0	-21.7		-25.9
09/05/13	1:26 PM	7.5	0.0	-2.2	0.0	0.0	-19.2		-28.0
09/19/13	2:40 PM		0.0	-4.5	0.0	0.0	-28.3		-25.6
10/03/13	3:02 PM	88.9	-0.1	-6.4	0.0	-0.1	-25.5		-26.2
10/31/13	1:25 PM		-0.1	-5.0	0.0	0.0	-27.7		-27.0
11/14/13	1:40 PM	85.3	-0.1	-7.6	-0.1	-0.1	-26.3		-26.2
11/27/13	10:45 AM	18.1	0.0	-8.2	0.0	0.0	-29.6		-30.6
12/14/13	2:35 PM	86.9	0.0	6.7	0.0	0.0	-27.3		-29.2
12/24/13	10:40 AM	89.7	0.0	7.3	0.0	0.0	-26.2		-27.9
01/08/14	2:00 PM	84.0							

Notes:

Soil Vapor Extraction (SVE) system was inoperable during 2014 due to a faulty compressor.

MW = Monitoring Well

PID = Photo-Ionization Detector

AC = Air Compressor

ppm = parts per million

Blank fields Indicate No Data

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>r at wellhead</i>		<i>vacuum (-); pressure (+)</i>				<i>Comments</i>
<u>MW-11</u> SVE-8	<u>MW-12</u> SVE-9	<i>SVE-10</i>	<u>MW-14</u> SVE-11	<u>MW-15</u> SVE-12	<u>MW-18</u> SVE-13	
-2.6	-2.7	-9.9	-9.9	-0.3	-10.1	Start Bioventing, Set Timers, Repair Leaks
						Shut System Down for Repairs
						Complete Repairs, Restart System
-4.3	-2.4	-10.5	-10.3	-0.8	-10.5	
-4.5	-3.0	-10.4	-10.0	-1.2	-10.5	
-4.6	-2.5	-10.9	-10.4	-0.2	-10.9	
-4.8	-2.8	-10.8	-10.6	-0.1	-11.0	
-4.5	-2.5	-10.3	-10.3	-0.5	-10.6	SVE Down on False Alarm, Restart
-5.0	-2.0	-10.1	-10.0	-1.2	-10.3	AC Down, Restart
-5.8	-3.7	-11.3	-10.8	-0.5	-11.2	System Down, Reset Timer, Restart
-7.5	-3.1	-11.0	-10.5	-1.0	-10.7	
-6.3	-3.0	-8.4	-10.6	-1.7	-10.4	
-6.8	-3.0	-7.5	-10.6		-10.8	
-4.1	-2.0	-6.5	-10.0		-10.0	
-2.2	-1.3	-5.6	-7.5		-8.5	
-3.0	-2.9	-11.0	-10.0		-14.8	Belt Off SVE, Replace & Restart, Adj Bleed
-2.3	-3.3	-10.3	-14.6		-15.0	
-1.7	-2.0	-8.5	-9.0		-13.0	
-1.8	-2.8	-6.5	-10.1		-13.8	
-1.7	-5.0	-12.0	-11.0		-20.0	
-2.3	-4.1	-20.5	-16.2		-20.5	
-2.1	-4.4	-20.3	-19.0		-20.2	
-1.4	-3.8	-20.0	-17.0		-20.5	
-1.6	-4.3	-17.6	-16.2		-12.7	
-0.7	-4.2	-20.4	-17.3		-8.5	
-0.8	-4.5	-22.0	-18.2		-10.3	
-1.8	-3.7	-22.8	-18.8		-9.2	AC Down, Restart

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>r at wellhead</i>		<i>vacuum (-); pressure (+)</i>				
<u>MW-11</u>	<u>MW-12</u>	<u>SVE-10</u>	<u>MW-14</u>	<u>MW-15</u>	<u>MW-18</u>	
<u>SVE-8</u>	<u>SVE-9</u>		<u>SVE-11</u>	<u>SVE-12</u>	<u>SVE-13</u>	<i>Comments</i>
-1.9	-2.4	-18.5	-21.3		-9.4	
-1.1	-2.2	-20.2	-17.4		-10.1	AC Down, Restart
-1.2	-4.0	-14.5	-17.8		-9.3	
-0.8	-4.9	-18.2	-20.5		-7.9	
-0.9	-4.6	-21.0	-20.8		-8.4	
-0.8	-5.8	-18.8	-20.7		-8.8	
-0.3	-4.9	-18.9	-19.2		-7.2	
-0.3	-3.7	-20.4	-19.7		-7.1	
						AC Down, Restart
-0.3	-5.8	-19.7	-19.3		-7.0	AC Down, Restart
-0.2	-4.5	-20.0	-19.6		-6.1	
-0.6	-6.2	-20.2	-18.9		-5.9	
-0.4	-6.1	-20.5	-19.1		-6.8	System Down, Restart
-0.4	-8.5	-19.7	-18.5		-6.6	
-0.4	-18.3	-18.8	-17.6		-5.8	AC Down, Restart
-0.1	-18.4	-18.8	-17.9		-6.5	AC Down, Restart
-0.2	-18.1	-18.4	-17.7		-4.9	AC Down, Restart
-0.1	-18.3	-18.7	-17.9		-6.2	
-0.1	-18.5	-18.9	-17.8		-9.6	AC Not Pressuring Up, Shut Down
-0.3	-18.0	-18.6	-17.6		-8.1	AC Repairs, Restart
-0.2	-18.7	-19.5	-18.3		-10.5	SVE Down, Restart
-0.1	-18.6	-19.5	-18.3		-9.7	
-0.2	-18.7	-19.5	-18.5		-10.4	
-0.1	-19.2	-19.7	-18.8		-10.2	
-0.1	-20.0	-20.4	-19.0		-14.6	
-0.1	-20.3	-18.4	-19.6		-13.4	
-0.1	-20.4	-17.2	-16.9		-14.6	
-0.1	-19.4	-17.7	-18.8		-19.0	AC Down, Restart
-0.1	-13.7	-20.4	-11.5		-21.5	
-0.1	-12.2	-0.1	-10.8		-20.8	
-0.1	-12.0	-0.1	-14.7		-20.4	

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>r at wellhead</i>	<i>vacuum (-); pressure (+)</i>					<i>Comments</i>
<u>MW-11</u> <u>SVE-8</u>	<u>MW-12</u> <u>SVE-9</u>	<u>SVE-10</u>	<u>MW-14</u> <u>SVE-11</u>	<u>MW-15</u> <u>SVE-12</u>	<u>MW-18</u> <u>SVE-13</u>	
-0.1	-15.8	-0.1	-14.6		-11.0	Too Wet to Check
0.0	-13.3	-0.2	-17.6		-7.8	
0.0	-17.9	-0.1	-12.8		-8.0	
0.0	-15.4	0.0	-14.4		-6.9	
0.0	-15.1	-0.1	-19.9		-8.1	
-0.1	-19.5	0.0	-16.0		-8.8	
0.0	-21.0	0.0	-19.3		-7.7	
0.0	-18.3	0.0	-16.3		-6.8	
0.0	-19.2	0.0	-15.4		-4.9	
0.0	-20.7	0.0	-19.1		-5.4	
0.0	-17.9	0.0	-14.8		-5.2	
0.0	-21.0	0.0	-19.3		-4.4	
0.0	-17.0	0.0	-15.4		-6.5	
0.0	-20.6	0.0	-19.2		-5.7	
0.0	-20.9	0.0	-20.0		-6.1	
0.0	-21.0	0.0	-19.9		-4.7	
0.0	-21.0	0.0	-19.4		-6.1	
0.0	-19.5	0.0	-18.9		-5.8	
0.0	-19.8	0.0	-19.0		-3.4	
0.0	-19.7	0.0	-18.0		-5.4	
0.0	-19.2	0.0	-17.7		-6.0	
0.0	-19.7	0.0	-18.8		-5.6	
0.0		0.0	-19.1		-4.4	
0.0	-19.7	0.0	-19.2		-6.0	
0.0	-19.4	0.0	-19.1		-5.2	
0.0	-19.8	0.0	-18.9		-6.9	
0.0	-19.5	0.0	-19.0		-5.8	
0.0	-20.1	0.0	-19.1		-7.1	
0.0	-20.0	0.0	-19.4		-7.4	
0.0	-20.3	0.0	-19.0		-5.6	
0.0	-19.3	0.0	-18.4		-7.4	

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>r at wellhead</i>		<i>vacuum (-); pressure (+)</i>				<i>Comments</i>
<u>MW-11</u> SVE-8	<u>MW-12</u> SVE-9	<i>SVE-10</i>	<u>MW-14</u> SVE-11	<u>MW-15</u> SVE-12	<u>MW-18</u> SVE-13	
0.0	-20.1	0.0	-19.1		-6.4	
0.0	-19.4	0.0	-18.7		-6.7	
0.0	-20.2	0.0	-19.3		-5.5	
0.0	-21.2	0.0	-19.3		-6.0	
0.0	-20.9	0.0	-19.4		-5.4	
AC/SVE Off, Restart						
0.0	-18.1	0.0	-15.3		-5.1	
0.0	-15.6	0.0	-12.8		-3.3	
0.0	-14.9	0.0	-14.1		-4.4	
0.0	-3.8	0.0	-13.2		-5.5	
0.0	-0.9	0.0	-13.5		-5.3	
0.0	-0.2	0.0	-18.1		-4.4	
0.0	-0.2	0.0	-14.9		-4.0	
0.0	0.0	0.0	-19.3		-5.3	
0.0	-0.2	0.0	-14.9		-4.0	
0.0	0.0	0.0	-19.3		-5.3	
0.0	0.0	0.0	-19.0		-4.7	
0.0	0.0	0.0	-19.1		-6.0	
0.0	0.0	0.0	-19.1		-4.9	
0.0	0.0	0.0	-16.2		-2.7	
0.0	0.0	0.0	-16.5		-2.0	
0.0	0.0	0.0	-21.2		-2.7	
0.0	0.0	0.0	-21.4		-2.7	
0.0	0.0	0.0	-20.8		-2.2	
0.0	0.0	0.0	-20.4		-2.1	
0.0	0.0	0.0	-20.4		-1.0	
0.0	0.0		-19.9		-1.4	
-0.1	0.0		-19.3		-2.1	
0.0	0.0		-20.7		-0.6	
0.0	0.0		-21.0		-0.8	
-0.1	0.0		-20.7		-0.2	

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>r at wellhead</i>		<i>vacuum (-); pressure (+)</i>				<i>Comments</i>
<u>MW-11</u> SVE-8	<u>MW-12</u> SVE-9	<i>SVE-10</i>	<u>MW-14</u> SVE-11	<u>MW-15</u> SVE-12	<u>MW-18</u> SVE-13	
0.0	0.0		-22.2		-0.9	
0.0	0.0		-22.1		-0.3	AC off, restart
0.0	-0.1		-19.3		-0.1	
-0.1	-0.1		-20.2		-0.1	
0.0	-0.1		-19.5		-0.1	
0.0	0.0		-19.4		-0.1	
0.0	-0.1		-19.2		-0.1	
0.0	0.0		-19.5		-0.1	
-12.3	-0.1		-19.0		0.0	
-0.1	0.0		-21.6		0.0	
-0.1	0.0		-21.1		0.0	
0.0	0.0		-21.4		0.0	
0.0	0.0		-22.4		0.0	
0.0	0.0		-22.8		0.0	
0.0	0.0		-24.8		0.0	
						SWA
0.0	0.0		-23.6		0.0	
0.0	0.0		-23.6		0.0	
0.0	0.0		-22.0		0.0	
0.0	0.0		-22.2		0.0	
-0.1	0.0		21.7		-0.1	
0.0	0.0		-23.9		0.0	
0.0	0.0		-21.6		0.0	
0.0	0.0		-21.9		-0.1	
0.0	-0.1		-21.9		-0.2	
-0.1	-0.1		-21.7		-0.2	
0.0	-0.4		-17.4		0.0	
0.0	-0.2		-21.4		-0.2	
0.0	0.0		-22.7		-0.1	
-0.2	0.0		-21.9		0.0	

**SVE Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

<i>r at wellhead</i>		<i>vacuum (-); pressure (+)</i>				<i>Comments</i>
<u>MW-11</u> SVE-8	<u>MW-12</u> SVE-9	SVE-10	<u>MW-14</u> SVE-11	<u>MW-15</u> SVE-12	<u>MW-18</u> SVE-13	
-0.1	-0.1		-24.1		-0.4	
0.0	0.0		21.5		0.0	
0.0	0.0		20.5		0.0	
0.0	0.0		21.9		0.0	
0.0	0.0		21.7		0.0	
0.0	0.0		23.8		0.0	
0.0	0.0		-22.5		0.0	
0.0	0.0		-23.1		0.0	
0.0	-0.1		-22.7		-0.1	
						SWA (Too Muddy)
0.0	0.0		-23.0		0.0	
0.0	0.0		-22.9		0.0	
0.0	0.0		-23.1		-0.2	
0.0	0.0		-22.6		0.0	
0.0	0.0		-22.2		-0.1	
-0.1	0.0		-24.8		0.0	
-0.1	-0.1		-22.8		-0.1	
0.0	0.0		-24.8		0.0	
0.0	0.0		-23.7		0.0	
0.0	0.0		-22.6		0.0	

**Dissolved Oxygen Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

Monitoring Point - DO Measurements = Milligrams per Liter

- Temperature Measurements = Degrees Celsius

<i>Date</i>	<i>MW-4 SVE-1</i>	<i>MW-5 SVE-2</i>	<i>MW-10 SVE-7</i>	<i>MW-12 SVE-9</i>	<i>MW-14 SVE-11</i>	<i>MW-16</i>	<i>MW-18 SVE-13</i>	<i>MW-24</i>	<i>SVE-10</i>
01/19/09	4.58 18.8	4.64 18.6		0.33 18.6	0.60 18.3	0.21 19.6	0.63 18.8	0.14 18.9	0.53 19.5
01/26/09	4.62 18.4	4.97 18.1		0.20 18.5	0.92 18.2	0.38 19.5	0.61 18.6	0.26 18.8	0.33 19.1
02/26/09	4.69 18.0	5.10 18.3		0.16 18.5	1.77 18.1	0.18 18.8	1.08 18.5	0.22 18.5	0.61 19.0
03/09/09	4.50 18.3	4.44 18.4		0.29 18.5	4.25 18.1	0.29 18.8	1.37 18.7	0.23 18.6	5.63 19.1
03/24/09	4.63 17.8	3.66 17.9		0.20 18.1	3.30 17.7	0.26 18.5	0.75 18.2	0.22 18.5	4.41 18.4
04/06/09	4.12 16.9	3.80 17.5		0.20 17.9	4.15 17.2	0.22 17.6	0.41 17.8	0.20 17.9	4.79 18.2
04/20/09	4.99 17.8	3.81 17.9		0.31 18.0	5.30 17.7	0.56 18.4	0.60 18.1	0.32 18.2	4.24 18.4
05/11/09	4.99 17.6	3.51 18.0		0.29 17.9	2.05 17.6	0.17 18.4	0.35 18.1	0.15 18.4	2.62 18.4
06/01/09	4.85 18.6	3.04 18.7		0.23 18.6	2.06 18.4	0.24 19.2	0.25 18.8	0.19 19.0	3.24 19.1
06/15/09	4.73 19.2	2.72 18.9		0.20 18.6	2.33 18.8	0.17 19.5	0.22 18.9	0.19 19.2	2.44 19.1
07/14/09	4.38 19.0	0.31 18.8		0.19 18.8	3.94 19.0	0.17 19.4	0.23 19.1	0.18 19.2	0.22 19.3
07/27/09	4.10 19.4	0.38 18.9		0.21 19.0	2.67 19.3	0.15 19.5	0.26 19.2	0.20 19.2	0.28 19.7
08/12/09	4.07 18.8	0.49 18.5		0.24 18.6	1.27 18.7	0.36 19.5	0.21 18.9	0.23 18.9	0.32 19.3
08/31/09	4.43 18.8	1.00 18.6		0.32 18.7	2.63 18.9	0.49 19.3	0.36 18.9	0.30 18.9	0.53 19.5

**Dissolved Oxygen Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

Monitoring Point - DO Measurements = Milligrams per Liter

- Temperature Measurements = Degrees Celsius

<i>Date</i>	<i><u>MW-4</u> SVE-1</i>	<i><u>MW-5</u> SVE-2</i>	<i><u>MW-10</u> SVE-7</i>	<i><u>MW-12</u> SVE-9</i>	<i><u>MW-14</u> SVE-11</i>	<i><u>MW-16</u></i>	<i><u>MW-18</u> SVE-13</i>	<i><u>MW-24</u></i>	<i>SVE-10</i>
09/16/09	4.11 18.6	0.55 18.5		0.29 18.7	1.21 18.8	0.54 19.4	0.29 18.9	0.27 18.8	0.55 19.5
10/05/09	4.52 19.2	0.35 18.9		0.32 19.1	2.70 19.3	0.61 19.7	0.32 19.2	0.29 19.0	0.84 20.0
10/26/09	5.08 18.1	1.36 18.2		0.36 18.3	5.95 16.9	0.65 18.8	0.82 18.7	0.32 18.3	1.53 19.7
11/10/09	5.31 18.4	1.50 18.5		0.40 18.8	2.40 18.7	0.70 19.1	0.66 18.9	0.40 18.5	0.97 19.8
11/30/09	5.29 17.4	0.51 17.8		0.35 18.1	1.41 18.3	0.58 18.6	0.87 18.0	0.24 17.7	0.86 18.7
12/22/09	4.71 18.4	3.98 18.2		0.26 18.2	1.18 18.5	0.59 18.7	1.40 18.1	0.30 18.1	0.75 19.0
01/11/10	4.82 18.0	3.52 18.1		0.24 18.0	1.04 18.1	0.54 18.4	1.34 18.1	0.14 18.3	0.30 18.9
01/25/10	5.36 18.0	4.01 18.0		0.42 18.2	1.30 18.2	0.67 18.3	0.65 18.4	0.29 18.4	0.49 18.6
02/22/10	4.06 18.0	3.77 17.8		0.20 17.7	0.73 17.8	0.44 18.4	0.21 17.9	0.15 18.1	0.38 18.6
03/08/10	3.80 18.3	3.82 18.5		0.17 18.5	1.33 18.3	0.46 18.7	0.16 18.7	0.12 18.7	1.94 18.9
03/22/10	4.20 17.9	3.93 18.2		0.39 17.8	1.73 17.8	0.67 18.4	0.31 18.0	0.21 18.4	4.26 18.4

**Dissolved Oxygen Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

Monitoring Point - DO Measurements = Milligrams per Liter

- Temperature Measurements = Degrees Celsius

<i>Date</i>	<i>MW-4 SVE-1</i>	<i>MW-5 SVE-2</i>	<i>MW-10 SVE-7</i>	<i>MW-12 SVE-9</i>	<i>MW-14 SVE-11</i>	<i>MW-16</i>	<i>MW-18 SVE-13</i>	<i>MW-24</i>	<i>SVE-10</i>
04/05/10	3.96 18.7	3.75 18.7		0.29 18.6	1.40 18.4	0.40 19.1	0.25 18.9	0.27 19.0	4.39 19.2
04/19/10	3.91 18.2	4.04 18.1		0.22 18.1	1.73 17.8	0.47 18.2	0.21 18.4	0.18 18.5	4.77 18.5
05/03/10	5.71 18.1	4.59 18.2		0.50 18.1	0.76 18.0	0.69 18.6	0.22 18.4	0.19 18.6	4.18 18.5
05/20/10	3.60 19.1	3.89 19.0		0.34 18.8	1.81 19.0	0.44 19.5	0.33 19.0	0.20 19.3	4.73 19.0
06/01/10	4.06 18.9	3.42 18.7		0.33 18.6	2.00 18.4	0.54 19.2	0.25 18.9	0.20 19.0	4.77 19.2
06/15/10	5.60 18.7	4.96 18.8		0.85 18.7	1.35 18.6	0.42 19.1	0.25 18.8	0.17 19.0	4.74 19.1
07/19/10	3.34 18.9	2.64 18.9		0.26 18.8	2.06 18.7	0.23 19.1	0.19 18.9	0.11 19.1	4.04 19.2
08/09/10	3.41 19.1	0.87 19.0		0.21 19.0	2.05 18.9	0.22 19.4	0.18 19.2	0.13 19.3	2.22 19.6
08/30/10	3.66 19.0	0.17 18.6		0.17 18.8	1.06 18.7	0.12 19.2	0.20 18.8	0.11 18.9	1.93 19.3
09/13/10	3.74 19.2	0.20 18.8		0.17 19.1	0.70 19.0	0.16 19.4	0.14 19.1	0.09 19.0	1.36 19.5
09/27/10	3.55 18.4	0.20 18.3		0.14 18.6	0.86 18.6	0.33 19.0	0.15 18.7	0.08 18.6	0.92 19.2
10/12/10	3.62 18.4	0.21 18.3		0.13 18.7	1.30 18.7	0.35 19.0	0.13 18.7	0.10 18.5	0.58 19.4
10/24/10	3.61 18.6	0.31 18.5		0.16 18.8	0.85 18.8	3.00 19.1	0.19 18.8	0.10 18.7	0.84 19.4
11/09/10	3.94 18.4	0.18 18.4		0.17 18.7	1.20 18.7	0.42 19.0	0.17 18.6	0.09 18.5	1.14 19.3

**Dissolved Oxygen Field Data
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**

Monitoring Point - DO Measurements = Milligrams per Liter

- Temperature Measurements = Degrees Celsius

<i>Date</i>	<i>MW-4 SVE-1</i>	<i>MW-5 SVE-2</i>	<i>MW-10 SVE-7</i>	<i>MW-12 SVE-9</i>	<i>MW-14 SVE-11</i>	<i>MW-16</i>	<i>MW-18 SVE-13</i>	<i>MW-24</i>	<i>SVE-10</i>
12/06/10	4.05 <i>17.6</i>	0.30 <i>17.6</i>		0.27 <i>18.2</i>	1.30 <i>18.0</i>	0.47 <i>17.9</i>	0.26 <i>17.8</i>	0.11 <i>17.6</i>	0.60 <i>18.7</i>
01/24/11	4.10 <i>17.9</i>	3.63 <i>18.2</i>		0.32 <i>18.3</i>	0.28 <i>18.0</i>	0.16 <i>18.0</i>	0.24 <i>18.4</i>	0.13 <i>18.1</i>	0.75 <i>18.9</i>
02/14/11	4.56 <i>18.6</i>	3.70 <i>18.4</i>		0.20 <i>18.6</i>	0.50 <i>18.5</i>	0.08 <i>18.8</i>	0.17 <i>18.7</i>	0.05 <i>18.8</i>	1.30 <i>19.4</i>
05/02/13	6.23 <i>18.0</i>	6.70 <i>19.0</i>	1.53 <i>19.0</i>	4.75 <i>19.8</i>	0.98 <i>18.3</i>	4.22 <i>18.2</i>	5.20 <i>18.9</i>	1.30 <i>18.4</i>	
06/13/13	5.83 <i>19.7</i>	5.77 <i>19.2</i>	1.29 <i>19.6</i>	1.38 <i>19.5</i>	0.49 <i>19.1</i>	3.64 <i>19.2</i>	6.05 <i>19.5</i>	1.45 <i>19.4</i>	
07/26/13	6.18 <i>19.3</i>	5.44 <i>19.9</i>	1.03 <i>19.4</i>	3.33 <i>19.7</i>	0.61 <i>20.0</i>	3.83 <i>19.6</i>	6.15 <i>19.9</i>	1.42 <i>19.2</i>	
08/22/13	5.84 <i>19.4</i>	7.94 <i>19.3</i>	1.0 <i>19.3</i>	4.03 <i>19.8</i>	1.62 <i>19.3</i>	1.82 <i>19.8</i>	5.45 <i>19.6</i>	2.98 <i>19.7</i>	
09/19/13	5.41 <i>19.2</i>	4.01 <i>19.5</i>	1.45 <i>19.3</i>	2.57 <i>19.9</i>	1.81 <i>19.4</i>	3.99 <i>19.6</i>	6.77 <i>20.1</i>	1.79 <i>19.5</i>	
01/08/14	5.64 <i>17.2</i>	7.6 <i>19.1</i>	6.6 <i>18.0</i>	2.5 <i>19.3</i>	- <i>17.7</i>	6.9 <i>19.7</i>	6.3 <i>19.2</i>	2.0 <i>19.4</i>	

Notes:

SVE = Soil Vapor Extraction

MW = Monitoring Well

DO = Dissolved Oxygen

A blank indicates measurement was not collected for the date indicated.

Temperature measurements are presented in *italics*.

SVE system was inoperable during 2014 due to a faulty compressor.

Products Recovery Data Summary - 2002 through 2007
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Date</i>	<i>Time</i>	<i>Water Level (ft BTOT)</i>	<i>Tank Height (feet)</i>	<i>Water Thickness (feet)</i>	<i>LPH Level (ft BTOT)</i>	<i>LPH Thickness (feet)</i>	<i>LPH Volume (gallons)</i>
Jan-June'02	- approximately 100 barrels removed from site reported by ConocoPhillips						4,200
20-Aug-02	1:15 PM	4.06	10.2	6.14	0.81	3.25	1,909
	1:25 PM	0.00	10.2		0.00	0.00	0
22-Nov-02	1:15 PM	3.50	10.2	6.7	0.00	3.50	2,056
	1:25 PM	0.00	10.2		0.00	0.00	0
17-Dec-02	11:15 AM	2.87	10.2	7.33	2.25	0.62	364
	1:15 PM	0.00	10.2		0.00	0.00	0
13-Mar-03	1:15 PM	4.47	10.2	5.73	3.50	0.97	570
	3:15 PM	0.00	10.2		0.00	0.00	0
9-Jul-03	- approximately 15 barrels removed from site reported by ConocoPhillips						630
9-Sep-03	- approximately 15 barrels removed from site reported by Higgins & Assoc.						630
24-Sep-03	MAXIM Technologies assumes site operations						
19-Jan-04	16:45	4.33	10.2	5.87	3.89	0.44	258
4-Feb-04	19:00	0.77	10.2	9.43	0.05	0.72	423
16-Feb-04	12:00	- Key Energy Services transports approximately 120 bbl water and 10 bbl oil to Sundance					
	13:30	0.00	10.2	0.00	0.00	0.00	0
25-Mar-04	14:30	5.63	10.2	4.57	5.03	0.60	352
19-Apr-04	14:45	4.93	10.2	5.27	4.30	0.63	370
	15:00	- Key Energy Services transports approximately 75 bbl water and 10 bbl oil to Sundance					
	15:30	0.00	10.2	10.2	0.00	0.00	0
10-May-04	15:30	6.57	10.2	3.63	6.18	0.39	229
26-May-04	14:00	6.10	10.2	4.10	5.66	0.44	258
9-Jun-04	12:15	6.06	10.41	4.35	5.66	0.40	235
	12:30	- Key Energy Services transports approximately 60 bbl water and 3 bbl oil to Sundance					
	13:00	10.06	10.41	0.35	9.89	0.17	100
30-Jun-04	16:30	10.05	10.41	0.36	9.89	0.16	94

Products Recovery Data Summary - 2002 through 2007
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Date</i>	<i>Time</i>	<i>Water Level (ft BTOT)</i>	<i>Tank Height (feet)</i>	<i>Water Thickness (feet)</i>	<i>LPH Level (ft BTOT)</i>	<i>LPH Thickness (feet)</i>	<i>LPH Volume (gallons)</i>
20-Jul-04	16:00	8.78	10.41	1.63	8.56	0.22	129
11-Aug-04	13:30	7.56	10.41	2.85	7.22	0.34	200
17-Aug-04	12:45	7.28	10.41	3.13	6.89	0.39	229
24-Aug-04	12:30	5.22	10.41	5.19	4.79	0.43	253
31-Aug-04	11:00	3.55	10.41	6.86	3.07	0.48	282
8-Sep-04	11:00	2.42	10.41	7.99	1.67	0.75	441
	11:30	- Key Energy Services transports approximately 112 bbl water and 10 bbl oil to Sundance					
20-Sep-04	14:00	8.08	10.41	2.33	7.71	0.37	217
25-Oct-04	16:30	7.76	10.41	2.65	7.41	0.35	206
10-Jan-05	13:00	5.72	10.41	4.69	5.36	0.36	211
24-Aug-05	13:15	4.76	10.41	5.65	4.45	0.31	182
15-Sep-05	10:40	4.76	10.41	5.65	4.46	0.30	176
22-Nov-05	9:30	4.81	10.41	5.60	4.50	0.31	182
29-Nov-05	11:10	1.00	10.41	9.41	0.77	0.23	135
6-Dec-05	9:40	- Key Energy Services transports approximately 130 bbl water and 2 bbl oil to Sundance					
	11:25	10.33	10.41	0.08	10.29	0.04	23
12-Dec-05	11:00	10.32	10.41	0.09	10.28	0.04	23
23-Jan-06	9:45	10.38	10.41	0.03	10.33	0.05	29
22-Mar-06	10:50	10.39	10.41	0.02	10.33	0.06	35
4-Apr-06	11:15	10.38	10.41	0.03	10.33	0.05	29
11-Apr-06	10:45	10.38	10.41	0.03	10.34	0.04	23
17-Apr-06	10:45	10.39	10.41	0.02	10.35	0.04	23

Products Recovery Data Summary - 2002 through 2007
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Date</i>	<i>Time</i>	<i>Water Level (ft BTOT)</i>	<i>Tank Height (feet)</i>	<i>Water Thickness (feet)</i>	<i>LPH Level (ft BTOT)</i>	<i>LPH Thickness (feet)</i>	<i>LPH Volume (gallons)</i>
3-May-06	11:00	10.39	10.41	0.02	10.33	0.06	35
19-May-06	10:30	10.39	10.41	0.02	10.34	0.05	29
31-May-06	10:30	10.39	10.41	0.02	10.35	0.04	23
9-Jun-06	11:35	10.39	10.41	0.02	10.35	0.04	23
12-Jun-06	9:16	10.41	10.41	0.00	10.36	0.05	29
26-Jun-06	8:50	10.41	10.41	0.00	10.36	0.05	29
5-Jul-06	10:35	10.40	10.41	0.01	10.35	0.05	29
10-Jul-06	9:05	10.42	10.41	-0.01	10.36	0.06	35
17-Jul-06	11:10	10.40	10.41	0.01	10.36	0.04	23
2-Aug-06	10:40	10.43	10.41	-0.02	10.39	0.04	23
14-Aug-06	9:55	10.41	10.41	0.00	10.38	0.03	18
21-Sep-06	10:00	10.36	10.41	0.05	10.32	0.04	23
25-Sep-06	9:15	10.36	10.41	0.05	10.32	0.04	23
2-Oct-06		8.73	10.41	1.68	8.70	0.03	18
10-Oct-06	12:20	7.31	10.41	3.10	7.28	0.03	18
23-Oct-06	10:00	7.11	10.41	3.30	7.07	0.04	23
30-Oct-06	10:15	7.22	10.41	3.19	7.19	0.03	18
6-Nov-06	10:45	6.66	10.41	3.75	6.63	0.03	18
21-Oct-06	8:30	6.66	10.41	3.75	6.63	0.03	18
28-Nov-06	9:40	6.66	10.41	3.75	6.63	0.03	18
5-Dec-06	10:20	6.66	10.41	3.75	6.63	0.03	18

Products Recovery Data Summary - 2002 through 2007
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Date</i>	<i>Time</i>	<i>Water Level (ft BTOT)</i>	<i>Tank Height (feet)</i>	<i>Water Thickness (feet)</i>	<i>LPH Level (ft BTOT)</i>	<i>LPH Thickness (feet)</i>	<i>LPH Volume (gallons)</i>
11-Dec-06	9:30	6.66	10.41	3.75	6.63	0.03	18
18-Dec-06	10:20	6.66	10.41	3.75	6.63	0.03	18
2-Jan-07	10:55	6.66	10.41	3.75	6.63	0.03	18
8-Jan-07	10:42	6.66	10.41	3.75	6.63	0.03	18
16-Jan-07	10:45	6.66	10.41	3.75	6.63	0.03	18
25-Jan-07	11:30	6.66	10.41	3.75	6.63	0.03	18
5-Feb-07	10:45	6.66	10.41	3.75	6.63	0.03	18
12-Mar-07	9:00	- Key Energy Services transports approximately 50 bbl water and 0.5 bbl oil to Sundance					
	10:00	9.88	10.41	0.53	9.87	0.01	6
							<u>Crude Oil</u>
Total Volume Recovered (gallons) =							11,887
Total Volume Recovered (barrels) =							283

Notes:

ft BTOT = feet below top of tank

bbl = barrels

BPD = barrels per day

Products Recovery Data Summary - 2002 through 2007
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Water Volume (gallons)</i>	<i>LPH Volume (barrels)</i>	<i>Water Volume (barrels)</i>
	100	
3,607 0	45	86
3,936 0	49	94
4,306 0	9	103
3,366 0	14	80
3,448	6	82
5,540	10	132
0	0	0
2,685	8	64
3,096	9	74
0	0	0
2,133	5	51
2,409	6	57
2,556	6	61
206	2	5
211	2	5

Products Recovery Data Summary - 2002 through 2007
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Water Volume (gallons)</i>	<i>LPH Volume (barrels)</i>	<i>Water Volume (barrels)</i>
958	3	23
1,674	5	40
1,839	5	44
3,049	6	73
4,030	7	96
4,694	10	112
1,369	5	33
1,557	5	37
2,755	5	66
3,319	4	79
3,319	4	79
3,290	4	78
5,528	3	132
47	1	1
53	1	1
18	1	0
12	1	0
18	0.7	0.4
18	0.6	0.4
12	0.6	0.3

Products Recovery Data Summary - 2002 through 2007
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Water Volume (gallons)</i>	<i>LPH Volume (barrels)</i>	<i>Water Volume (barrels)</i>
12	0.8	0.3
12	0.7	0.3
12	0.6	0.3
12	0.6	0.3
0	0.7	0.0
0	0.7	0.0
6	0.7	0.1
-6	0.8	-0.1
6	0.6	0.1
-12	0.6	-0.3
0	0.4	0.0
29	0.6	0.7
29	0.6	1
987	0.4	23
1,821	0.4	43
1,939	0.6	46
1,874	0.4	45
2,203	0.4	52
2,203	0.4	52
2,203	0.4	52
2,203	0.4	52

Products Recovery Data Summary - 2002 through 2007
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

<i>Water Volume (gallons)</i>	<i>LPH Volume (barrels)</i>	<i>Water Volume (barrels)</i>
2,203	0.4	52
2,203	0.4	52
2,203	0.4	52
2,203	0.4	52
2,203	0.4	52
2,203	0.4	52
2,203	0.4	52
311	0.1	7
<u>Water</u>	Recovery Rate (BPD)	
38,938	Oil	Water
927	0.000	0.00

Appendices

Appendix A

Groundwater Laboratory Analytical Reports

March 27, 2015

Moshghan Mansoori
P66 CRA TX
2270 Springlake dr Ste 800
Dallas, TX 75234

RE: Project: 075016 E HOBBS JUNCTION
Pace Project No.: 60189656

Dear Moshghan Mansoori:

Enclosed are the analytical results for sample(s) received by the laboratory on March 13, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..



CERTIFICATIONS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60189656001	MW-16-031115	Water	03/11/15 10:10	03/13/15 08:35
60189656002	MW-21-031115	Water	03/11/15 11:05	03/13/15 08:35
60189656003	MW-14-031115	Water	03/11/15 12:00	03/13/15 08:35
60189656004	MW-18-031115	Water	03/11/15 12:55	03/13/15 08:35
60189656005	MW-12-031115	Water	03/11/15 14:40	03/13/15 08:35
60189656006	MW-13-031115	Water	03/11/15 13:50	03/13/15 08:35
60189656007	MW-23-031116	Water	03/11/15 15:55	03/13/15 08:35
60189656008	MW-26-031115	Water	03/11/15 16:05	03/13/15 08:35
60189656009	MW-27-031115	Water	03/11/15 16:30	03/13/15 08:35
60189656010	MW-22-031115	Water	03/11/15 15:15	03/13/15 08:35
60189656011	MW-8-031115	Water	03/11/15 17:25	03/13/15 08:35
60189656012	DUP-1-031115	Water	03/11/15 08:00	03/13/15 08:35
60189656013	MW-24-031215	Water	03/12/15 09:00	03/13/15 08:35
60189656014	MW-25-031215	Water	03/12/15 09:25	03/13/15 08:35
60189656015	MW-10-031215	Water	03/12/15 10:05	03/13/15 08:35
60189656016	MW-3-031215	Water	03/12/15 10:40	03/13/15 08:35
60189656017	MW-6-031215	Water	03/12/15 11:25	03/13/15 08:35
60189656018	DUP-2-031215	Water	03/12/15 08:00	03/13/15 08:35
60189656019	TRIP BLANK	Water	03/12/15 08:00	03/13/15 08:35
60189656020	TRIP BLANK 2	Water	03/12/15 08:00	03/13/15 08:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60189656001	MW-16-031115	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656002	MW-21-031115	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656003	MW-14-031115	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656004	MW-18-031115	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656005	MW-12-031115	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656006	MW-13-031115	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656007	MW-23-031116	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656008	MW-26-031115	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656009	MW-27-031115	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656010	MW-22-031115	EPA 8015B	JDE	3	PASI-K

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60189656011	MW-8-031115	EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
		EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
60189656012	DUP-1-031115	EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
		EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
60189656013	MW-24-031215	EPA 300.0	OL	1	PASI-K
		EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656014	MW-25-031215	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
		EPA 8015B	JDE	3	PASI-K
60189656015	MW-10-031215	EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
		EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
60189656016	MW-3-031215	EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
		EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
60189656017	MW-6-031215	EPA 300.0	OL	1	PASI-K
		EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60189656018	DUP-2-031215	EPA 8015B	JDE	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260/OA1	JTK	8	PASI-K
		EPA 300.0	OL	1	PASI-K
		EPA 8015B	JDE	3	PASI-K

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
60189656001	MW-16-031115					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 14:57	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/17/15 21:42	
EPA 300.0	Chloride	138	mg/L	20.0	03/18/15 13:13	
60189656002	MW-21-031115					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 15:47	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/17/15 21:57	
EPA 300.0	Chloride	354	mg/L	20.0	03/18/15 13:58	
60189656003	MW-14-031115					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 16:04	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/17/15 22:13	
EPA 300.0	Chloride	212	mg/L	20.0	03/18/15 14:28	
60189656004	MW-18-031115					
EPA 8015B	TPH-DRO	0.69	mg/L	0.48	03/16/15 17:47	
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 16:21	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 14:01	
EPA 300.0	Chloride	169	mg/L	20.0	03/18/15 14:43	
60189656005	MW-12-031115					
EPA 8015B	TPH-DRO	1.1	mg/L	0.45	03/16/15 17:54	
EPA 5030B/8015B	TPH-GRO	5.3	mg/L	5.0	03/20/15 16:37	
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 16:37	
EPA 8260/OA1	Benzene	1240	ug/L	25.0	03/17/15 22:44	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/17/15 22:44	
EPA 300.0	Chloride	143	mg/L	20.0	03/18/15 14:57	
60189656006	MW-13-031115					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 16:54	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/17/15 23:00	
EPA 300.0	Chloride	83.9	mg/L	5.0	03/20/15 10:20	
60189656007	MW-23-031116					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 17:11	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/17/15 23:15	
EPA 300.0	Chloride	63.8	mg/L	5.0	03/20/15 11:02	
60189656008	MW-26-031115					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 17:27	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/17/15 23:31	
EPA 300.0	Chloride	120	mg/L	20.0	03/18/15 16:12	
60189656009	MW-27-031115					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 17:44	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/17/15 23:46	
EPA 300.0	Chloride	132	mg/L	20.0	03/18/15 16:27	
60189656010	MW-22-031115					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 18:01	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 14:17	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
60189656010	MW-22-031115					
EPA 300.0	Chloride	103	mg/L	20.0	03/18/15 16:42	
60189656011	MW-8-031115					
EPA 8015B	TPH-DRO	2.3	mg/L	0.45	03/16/15 18:55	
EPA 5030B/8015B	TPH-GRO	2.4	mg/L	0.50	03/20/15 18:17	
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 18:17	
EPA 8260/OA1	Benzene	24.9	ug/L	1.0	03/19/15 13:29	
EPA 8260/OA1	Ethylbenzene	6.6	ug/L	1.0	03/19/15 13:29	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/19/15 13:29	
EPA 300.0	Chloride	142	mg/L	20.0	03/18/15 16:57	
60189656012	DUP-1-031115					
EPA 8015B	TPH-DRO	9.8	mg/L	0.45	03/16/15 19:03	
EPA 5030B/8015B	TPH-GRO	1.9	mg/L	0.50	03/20/15 19:07	
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 19:07	
EPA 8260/OA1	Benzene	17.9	ug/L	1.0	03/18/15 14:48	
EPA 8260/OA1	Ethylbenzene	5.0	ug/L	1.0	03/18/15 14:48	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 14:48	
EPA 300.0	Chloride	143	mg/L	20.0	03/18/15 17:12	
60189656013	MW-24-031215					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/20/15 19:24	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 15:04	
EPA 300.0	Chloride	169	mg/L	20.0	03/18/15 17:27	
60189656014	MW-25-031215					
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/23/15 13:51	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 15:19	
EPA 300.0	Chloride	126	mg/L	20.0	03/18/15 17:41	
60189656015	MW-10-031215					
EPA 8015B	TPH-DRO	2.0	mg/L	0.45	03/16/15 19:26	
EPA 5030B/8015B	TPH-GRO	21.1	mg/L	2.5	03/23/15 14:07	
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/23/15 14:07	
EPA 8260/OA1	Benzene	7570	ug/L	100	03/19/15 13:45	
EPA 8260/OA1	Ethylbenzene	128	ug/L	20.0	03/18/15 15:35	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 15:35	
EPA 300.0	Chloride	133	mg/L	20.0	03/18/15 17:56	
60189656016	MW-3-031215					
EPA 8015B	TPH-DRO	66.2	mg/L	2.3	03/17/15 10:53	
EPA 5030B/8015B	TPH-GRO	2.2	mg/L	0.50	03/23/15 14:24	
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/23/15 14:24	
EPA 8260/OA1	Benzene	247	ug/L	5.0	03/19/15 14:00	
EPA 8260/OA1	Ethylbenzene	129	ug/L	1.0	03/18/15 15:50	
EPA 8260/OA1	Xylene (Total)	29.9	ug/L	3.0	03/18/15 15:50	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 15:50	
EPA 300.0	Chloride	50.5	mg/L	5.0	03/20/15 11:45	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
60189656017	MW-6-031215					
EPA 8015B	TPH-DRO	4.0	mg/L	0.45	03/17/15 11:01	
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/23/15 14:41	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 16:06	
EPA 300.0	Chloride	180	mg/L	20.0	03/18/15 18:56	
60189656018	DUP-2-031215					
EPA 8015B	TPH-DRO	57.0	mg/L	2.3	03/17/15 11:08	
EPA 5030B/8015B	TPH-GRO	3.1	mg/L	0.50	03/23/15 14:57	
EPA 5030B/8015B	Preservation pH	1.0		0.10	03/23/15 14:57	
EPA 8260/OA1	Benzene	331	ug/L	5.0	03/19/15 14:16	
EPA 8260/OA1	Toluene	1.1	ug/L	1.0	03/18/15 16:21	
EPA 8260/OA1	Ethylbenzene	142	ug/L	1.0	03/18/15 16:21	
EPA 8260/OA1	Xylene (Total)	53.9	ug/L	3.0	03/18/15 16:21	
EPA 8260/OA1	Preservation pH	1.0		0.10	03/18/15 16:21	
EPA 300.0	Chloride	49.5	mg/L	5.0	03/20/15 11:59	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Method: EPA 8015B

Description: 8015B Diesel Range Organics

Client: P66 CRA TX

Date: March 27, 2015

General Information:

18 samples were analyzed for EPA 8015B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/48529

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DUP-2-031215 (Lab ID: 60189656018)
 - n-Tetracosane (S)
 - p-Terphenyl (S)
- MW-3-031215 (Lab ID: 60189656016)
 - n-Tetracosane (S)
 - p-Terphenyl (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/48529

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Method: EPA 5030B/8015B

Description: Gasoline Range Organics

Client: P66 CRA TX

Date: March 27, 2015

General Information:

18 samples were analyzed for EPA 5030B/8015B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: GCV/5030

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: GCV/5031

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Method: EPA 8260/OA1

Description: 8260/OA1 UST, Water

Client: P66 CRA TX

Date: March 27, 2015

General Information:

18 samples were analyzed for EPA 8260/OA1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/68236

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/68260

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/68295

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Method: EPA 300.0

Description: 300.0 IC Anions 28 Days

Client: P66 CRA TX

Date: March 27, 2015

General Information:

18 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-16-031115		Lab ID: 60189656001		Collected: 03/11/15 10:10		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.48	1	03/16/15 00:00	03/16/15 17:24			
Surrogates									
p-Terphenyl (S)	70	%	28-127	1	03/16/15 00:00	03/16/15 17:24	92-94-4		
n-Tetracosane (S)	35	%	22-121	1	03/16/15 00:00	03/16/15 17:24	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 14:57			
Surrogates									
4-Bromofluorobenzene (S)	106	%	82-114	1		03/20/15 14:57	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 14:57			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/17/15 21:42	71-43-2		
Toluene	ND	ug/L	1.0	1		03/17/15 21:42	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/17/15 21:42	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/17/15 21:42	1330-20-7		
Surrogates									
Toluene-d8 (S)	96	%	80-120	1		03/17/15 21:42	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/17/15 21:42	460-00-4		
1,2-Dichloroethane-d4 (S)	100	%	82-119	1		03/17/15 21:42	17060-07-0		
Preservation pH	1.0		0.10	1		03/17/15 21:42			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	138	mg/L	20.0	20		03/18/15 13:13	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-21-031115		Lab ID: 60189656002		Collected: 03/11/15 11:05		Received: 03/13/15 08:35		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 17:31			
Surrogates									
p-Terphenyl (S)	74	%	28-127	1	03/16/15 00:00	03/16/15 17:31	92-94-4		
n-Tetracosane (S)	40	%	22-121	1	03/16/15 00:00	03/16/15 17:31	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 15:47			
Surrogates									
4-Bromofluorobenzene (S)	105	%	82-114	1		03/20/15 15:47	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 15:47			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/17/15 21:57	71-43-2		
Toluene	ND	ug/L	1.0	1		03/17/15 21:57	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/17/15 21:57	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/17/15 21:57	1330-20-7		
Surrogates									
Toluene-d8 (S)	97	%	80-120	1		03/17/15 21:57	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/17/15 21:57	460-00-4		
1,2-Dichloroethane-d4 (S)	100	%	82-119	1		03/17/15 21:57	17060-07-0		
Preservation pH	1.0		0.10	1		03/17/15 21:57			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	354	mg/L	20.0	20		03/18/15 13:58	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-14-031115		Lab ID: 60189656003		Collected: 03/11/15 12:00		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 17:39			
Surrogates									
p-Terphenyl (S)	74	%	28-127	1	03/16/15 00:00	03/16/15 17:39	92-94-4		
n-Tetracosane (S)	40	%	22-121	1	03/16/15 00:00	03/16/15 17:39	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 16:04			
Surrogates									
4-Bromofluorobenzene (S)	103	%	82-114	1		03/20/15 16:04	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 16:04			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/17/15 22:13	71-43-2		
Toluene	ND	ug/L	1.0	1		03/17/15 22:13	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/17/15 22:13	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/17/15 22:13	1330-20-7		
Surrogates									
Toluene-d8 (S)	97	%	80-120	1		03/17/15 22:13	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/17/15 22:13	460-00-4		
1,2-Dichloroethane-d4 (S)	103	%	82-119	1		03/17/15 22:13	17060-07-0		
Preservation pH	1.0		0.10	1		03/17/15 22:13			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	212	mg/L	20.0	20		03/18/15 14:28	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-18-031115		Lab ID: 60189656004		Collected: 03/11/15 12:55		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	0.69	mg/L	0.48	1	03/16/15 00:00	03/16/15 17:47			
Surrogates									
p-Terphenyl (S)	83	%	28-127	1	03/16/15 00:00	03/16/15 17:47	92-94-4		
n-Tetracosane (S)	69	%	22-121	1	03/16/15 00:00	03/16/15 17:47	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 16:21			
Surrogates									
4-Bromofluorobenzene (S)	104	%	82-114	1		03/20/15 16:21	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 16:21			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/18/15 14:01	71-43-2		
Toluene	ND	ug/L	1.0	1		03/18/15 14:01	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/18/15 14:01	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/18/15 14:01	1330-20-7		
Surrogates									
Toluene-d8 (S)	104	%	80-120	1		03/18/15 14:01	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/18/15 14:01	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	82-119	1		03/18/15 14:01	17060-07-0		
Preservation pH	1.0		0.10	1		03/18/15 14:01			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	169	mg/L	20.0	20		03/18/15 14:43	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-12-031115		Lab ID: 60189656005	Collected: 03/11/15 14:40		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C						
TPH-DRO	1.1	mg/L	0.45	1	03/16/15 00:00	03/16/15 17:54		
Surrogates								
p-Terphenyl (S)	75	%	28-127	1	03/16/15 00:00	03/16/15 17:54	92-94-4	
n-Tetracosane (S)	60	%	22-121	1	03/16/15 00:00	03/16/15 17:54	646-31-1	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B						
TPH-GRO	5.3	mg/L	5.0	10		03/20/15 16:37		
Surrogates								
4-Bromofluorobenzene (S)	105	%	82-114	10		03/20/15 16:37	460-00-4	
Preservation pH	1.0		0.10	10		03/20/15 16:37		
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1						
Benzene	1240	ug/L	25.0	25		03/17/15 22:44	71-43-2	
Toluene	ND	ug/L	25.0	25		03/17/15 22:44	108-88-3	
Ethylbenzene	ND	ug/L	25.0	25		03/17/15 22:44	100-41-4	
Xylene (Total)	ND	ug/L	75.0	25		03/17/15 22:44	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	25		03/17/15 22:44	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	25		03/17/15 22:44	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	82-119	25		03/17/15 22:44	17060-07-0	
Preservation pH	1.0		0.10	25		03/17/15 22:44		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0						
Chloride	143	mg/L	20.0	20		03/18/15 14:57	16887-00-6	

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-13-031115		Lab ID: 60189656006		Collected: 03/11/15 13:50		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 18:02			
Surrogates									
p-Terphenyl (S)	74	%	28-127	1	03/16/15 00:00	03/16/15 18:02	92-94-4		
n-Tetracosane (S)	58	%	22-121	1	03/16/15 00:00	03/16/15 18:02	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 16:54			
Surrogates									
4-Bromofluorobenzene (S)	105	%	82-114	1		03/20/15 16:54	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 16:54			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/17/15 23:00	71-43-2		
Toluene	ND	ug/L	1.0	1		03/17/15 23:00	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/17/15 23:00	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/17/15 23:00	1330-20-7		
Surrogates									
Toluene-d8 (S)	99	%	80-120	1		03/17/15 23:00	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/17/15 23:00	460-00-4		
1,2-Dichloroethane-d4 (S)	102	%	82-119	1		03/17/15 23:00	17060-07-0		
Preservation pH	1.0		0.10	1		03/17/15 23:00			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	83.9	mg/L	5.0	5		03/20/15 10:20	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-23-031116		Lab ID: 60189656007		Collected: 03/11/15 15:55		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 18:10			
Surrogates									
p-Terphenyl (S)	77	%	28-127	1	03/16/15 00:00	03/16/15 18:10	92-94-4		
n-Tetracosane (S)	64	%	22-121	1	03/16/15 00:00	03/16/15 18:10	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 17:11			
Surrogates									
4-Bromofluorobenzene (S)	104	%	82-114	1		03/20/15 17:11	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 17:11			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/17/15 23:15	71-43-2		
Toluene	ND	ug/L	1.0	1		03/17/15 23:15	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/17/15 23:15	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/17/15 23:15	1330-20-7		
Surrogates									
Toluene-d8 (S)	99	%	80-120	1		03/17/15 23:15	2037-26-5		
4-Bromofluorobenzene (S)	100	%	80-120	1		03/17/15 23:15	460-00-4		
1,2-Dichloroethane-d4 (S)	104	%	82-119	1		03/17/15 23:15	17060-07-0		
Preservation pH	1.0		0.10	1		03/17/15 23:15			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	63.8	mg/L	5.0	5		03/20/15 11:02	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-26-031115		Lab ID: 60189656008		Collected: 03/11/15 16:05		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 18:17			
Surrogates									
p-Terphenyl (S)	74	%	28-127	1	03/16/15 00:00	03/16/15 18:17	92-94-4		
n-Tetracosane (S)	55	%	22-121	1	03/16/15 00:00	03/16/15 18:17	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 17:27			
Surrogates									
4-Bromofluorobenzene (S)	104	%	82-114	1		03/20/15 17:27	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 17:27			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/17/15 23:31	71-43-2		
Toluene	ND	ug/L	1.0	1		03/17/15 23:31	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/17/15 23:31	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/17/15 23:31	1330-20-7		
Surrogates									
Toluene-d8 (S)	99	%	80-120	1		03/17/15 23:31	2037-26-5		
4-Bromofluorobenzene (S)	100	%	80-120	1		03/17/15 23:31	460-00-4		
1,2-Dichloroethane-d4 (S)	106	%	82-119	1		03/17/15 23:31	17060-07-0		
Preservation pH	1.0		0.10	1		03/17/15 23:31			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	120	mg/L	20.0	20		03/18/15 16:12	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-27-031115		Lab ID: 60189656009		Collected: 03/11/15 16:30		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 18:40			
Surrogates									
p-Terphenyl (S)	77	%	28-127	1	03/16/15 00:00	03/16/15 18:40	92-94-4		
n-Tetracosane (S)	58	%	22-121	1	03/16/15 00:00	03/16/15 18:40	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 17:44			
Surrogates									
4-Bromofluorobenzene (S)	104	%	82-114	1		03/20/15 17:44	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 17:44			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/17/15 23:46	71-43-2		
Toluene	ND	ug/L	1.0	1		03/17/15 23:46	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/17/15 23:46	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/17/15 23:46	1330-20-7		
Surrogates									
Toluene-d8 (S)	99	%	80-120	1		03/17/15 23:46	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/17/15 23:46	460-00-4		
1,2-Dichloroethane-d4 (S)	106	%	82-119	1		03/17/15 23:46	17060-07-0		
Preservation pH	1.0		0.10	1		03/17/15 23:46			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	132	mg/L	20.0	20		03/18/15 16:27	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-22-031115		Lab ID: 60189656010		Collected: 03/11/15 15:15		Received: 03/13/15 08:35		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 18:48			
Surrogates									
p-Terphenyl (S)	78	%	28-127	1	03/16/15 00:00	03/16/15 18:48	92-94-4		
n-Tetracosane (S)	70	%	22-121	1	03/16/15 00:00	03/16/15 18:48	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 18:01			
Surrogates									
4-Bromofluorobenzene (S)	107	%	82-114	1		03/20/15 18:01	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 18:01			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/18/15 14:17	71-43-2		
Toluene	ND	ug/L	1.0	1		03/18/15 14:17	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/18/15 14:17	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/18/15 14:17	1330-20-7		
Surrogates									
Toluene-d8 (S)	103	%	80-120	1		03/18/15 14:17	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/18/15 14:17	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	82-119	1		03/18/15 14:17	17060-07-0		
Preservation pH	1.0		0.10	1		03/18/15 14:17			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	103	mg/L	20.0	20		03/18/15 16:42	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-8-031115		Lab ID: 60189656011		Collected: 03/11/15 17:25		Received: 03/13/15 08:35		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	2.3	mg/L	0.45	1	03/16/15 00:00	03/16/15 18:55			
Surrogates									
p-Terphenyl (S)	52	%	28-127	1	03/16/15 00:00	03/16/15 18:55	92-94-4		
n-Tetracosane (S)	51	%	22-121	1	03/16/15 00:00	03/16/15 18:55	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	2.4	mg/L	0.50	1		03/20/15 18:17			
Surrogates									
4-Bromofluorobenzene (S)	105	%	82-114	1		03/20/15 18:17	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 18:17			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	24.9	ug/L	1.0	1		03/19/15 13:29	71-43-2		
Toluene	ND	ug/L	1.0	1		03/19/15 13:29	108-88-3		
Ethylbenzene	6.6	ug/L	1.0	1		03/19/15 13:29	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/19/15 13:29	1330-20-7		
Surrogates									
Toluene-d8 (S)	105	%	80-120	1		03/19/15 13:29	2037-26-5		
4-Bromofluorobenzene (S)	101	%	80-120	1		03/19/15 13:29	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	82-119	1		03/19/15 13:29	17060-07-0		
Preservation pH	1.0		0.10	1		03/19/15 13:29			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	142	mg/L	20.0	20		03/18/15 16:57	16887-00-6		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: DUP-1-031115		Lab ID: 60189656012		Collected: 03/11/15 08:00		Received: 03/13/15 08:35		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO		9.8	mg/L	0.45	1	03/16/15 00:00	03/16/15 19:03		
Surrogates									
p-Terphenyl (S)		78	%	28-127	1	03/16/15 00:00	03/16/15 19:03	92-94-4	
n-Tetracosane (S)		74	%	22-121	1	03/16/15 00:00	03/16/15 19:03	646-31-1	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO		1.9	mg/L	0.50	1		03/20/15 19:07		
Surrogates									
4-Bromofluorobenzene (S)		106	%	82-114	1		03/20/15 19:07	460-00-4	
Preservation pH		1.0		0.10	1		03/20/15 19:07		
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene		17.9	ug/L	1.0	1		03/18/15 14:48	71-43-2	
Toluene		ND	ug/L	1.0	1		03/18/15 14:48	108-88-3	
Ethylbenzene		5.0	ug/L	1.0	1		03/18/15 14:48	100-41-4	
Xylene (Total)		ND	ug/L	3.0	1		03/18/15 14:48	1330-20-7	
Surrogates									
Toluene-d8 (S)		105	%	80-120	1		03/18/15 14:48	2037-26-5	
4-Bromofluorobenzene (S)		99	%	80-120	1		03/18/15 14:48	460-00-4	
1,2-Dichloroethane-d4 (S)		96	%	82-119	1		03/18/15 14:48	17060-07-0	
Preservation pH		1.0		0.10	1		03/18/15 14:48		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride		143	mg/L	20.0	20		03/18/15 17:12	16887-00-6	

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-24-031215		Lab ID: 60189656013		Collected: 03/12/15 09:00		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 19:10			
Surrogates									
p-Terphenyl (S)	76	%	28-127	1	03/16/15 00:00	03/16/15 19:10	92-94-4		
n-Tetracosane (S)	71	%	22-121	1	03/16/15 00:00	03/16/15 19:10	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/20/15 19:24			
Surrogates									
4-Bromofluorobenzene (S)	103	%	82-114	1		03/20/15 19:24	460-00-4		
Preservation pH	1.0		0.10	1		03/20/15 19:24			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/18/15 15:04	71-43-2		
Toluene	ND	ug/L	1.0	1		03/18/15 15:04	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/18/15 15:04	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/18/15 15:04	1330-20-7		
Surrogates									
Toluene-d8 (S)	103	%	80-120	1		03/18/15 15:04	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/18/15 15:04	460-00-4		
1,2-Dichloroethane-d4 (S)	96	%	82-119	1		03/18/15 15:04	17060-07-0		
Preservation pH	1.0		0.10	1		03/18/15 15:04			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	169	mg/L	20.0	20		03/18/15 17:27	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-25-031215		Lab ID: 60189656014		Collected: 03/12/15 09:25		Received: 03/13/15 08:35		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/16/15 00:00	03/16/15 19:18			
Surrogates									
p-Terphenyl (S)	76	%	28-127	1	03/16/15 00:00	03/16/15 19:18	92-94-4		
n-Tetracosane (S)	53	%	22-121	1	03/16/15 00:00	03/16/15 19:18	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/23/15 13:51			
Surrogates									
4-Bromofluorobenzene (S)	102	%	82-114	1		03/23/15 13:51	460-00-4		
Preservation pH	1.0		0.10	1		03/23/15 13:51			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/18/15 15:19	71-43-2		
Toluene	ND	ug/L	1.0	1		03/18/15 15:19	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/18/15 15:19	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/18/15 15:19	1330-20-7		
Surrogates									
Toluene-d8 (S)	103	%	80-120	1		03/18/15 15:19	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		03/18/15 15:19	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	82-119	1		03/18/15 15:19	17060-07-0		
Preservation pH	1.0		0.10	1		03/18/15 15:19			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	126	mg/L	20.0	20		03/18/15 17:41	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-10-031215		Lab ID: 60189656015		Collected: 03/12/15 10:05		Received: 03/13/15 08:35		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	2.0	mg/L	0.45	1	03/16/15 00:00	03/16/15 19:26			
Surrogates									
p-Terphenyl (S)	71	%	28-127	1	03/16/15 00:00	03/16/15 19:26	92-94-4		
n-Tetracosane (S)	60	%	22-121	1	03/16/15 00:00	03/16/15 19:26	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	21.1	mg/L	2.5	5		03/23/15 14:07			
Surrogates									
4-Bromofluorobenzene (S)	110	%	82-114	5		03/23/15 14:07	460-00-4		
Preservation pH	1.0		0.10	5		03/23/15 14:07			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	7570	ug/L	100	100		03/19/15 13:45	71-43-2		
Toluene	ND	ug/L	20.0	20		03/18/15 15:35	108-88-3		
Ethylbenzene	128	ug/L	20.0	20		03/18/15 15:35	100-41-4		
Xylene (Total)	ND	ug/L	60.0	20		03/18/15 15:35	1330-20-7		
Surrogates									
Toluene-d8 (S)	104	%	80-120	20		03/18/15 15:35	2037-26-5		
4-Bromofluorobenzene (S)	98	%	80-120	20		03/18/15 15:35	460-00-4		
1,2-Dichloroethane-d4 (S)	96	%	82-119	20		03/18/15 15:35	17060-07-0		
Preservation pH	1.0		0.10	20		03/18/15 15:35			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	133	mg/L	20.0	20		03/18/15 17:56	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-3-031215		Lab ID: 60189656016		Collected: 03/12/15 10:40		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	66.2	mg/L	2.3	5	03/16/15 00:00	03/17/15 10:53			
Surrogates									
p-Terphenyl (S)	0	%	28-127	5	03/16/15 00:00	03/17/15 10:53	92-94-4	S4	
n-Tetracosane (S)	0	%	22-121	5	03/16/15 00:00	03/17/15 10:53	646-31-1	S4	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	2.2	mg/L	0.50	1		03/23/15 14:24			
Surrogates									
4-Bromofluorobenzene (S)	110	%	82-114	1		03/23/15 14:24	460-00-4		
Preservation pH	1.0		0.10	1		03/23/15 14:24			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	247	ug/L	5.0	5		03/19/15 14:00	71-43-2		
Toluene	ND	ug/L	1.0	1		03/18/15 15:50	108-88-3		
Ethylbenzene	129	ug/L	1.0	1		03/18/15 15:50	100-41-4		
Xylene (Total)	29.9	ug/L	3.0	1		03/18/15 15:50	1330-20-7		
Surrogates									
Toluene-d8 (S)	107	%	80-120	1		03/18/15 15:50	2037-26-5		
4-Bromofluorobenzene (S)	100	%	80-120	1		03/18/15 15:50	460-00-4		
1,2-Dichloroethane-d4 (S)	97	%	82-119	1		03/18/15 15:50	17060-07-0		
Preservation pH	1.0		0.10	1		03/18/15 15:50			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	50.5	mg/L	5.0	5		03/20/15 11:45	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: MW-6-031215		Lab ID: 60189656017		Collected: 03/12/15 11:25		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	4.0	mg/L	0.45	1	03/16/15 00:00	03/17/15 11:01			
Surrogates									
p-Terphenyl (S)	94	%	28-127	1	03/16/15 00:00	03/17/15 11:01	92-94-4		
n-Tetracosane (S)	88	%	22-121	1	03/16/15 00:00	03/17/15 11:01	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/23/15 14:41			
Surrogates									
4-Bromofluorobenzene (S)	102	%	82-114	1		03/23/15 14:41	460-00-4		
Preservation pH	1.0		0.10	1		03/23/15 14:41			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	ND	ug/L	1.0	1		03/18/15 16:06	71-43-2		
Toluene	ND	ug/L	1.0	1		03/18/15 16:06	108-88-3		
Ethylbenzene	ND	ug/L	1.0	1		03/18/15 16:06	100-41-4		
Xylene (Total)	ND	ug/L	3.0	1		03/18/15 16:06	1330-20-7		
Surrogates									
Toluene-d8 (S)	102	%	80-120	1		03/18/15 16:06	2037-26-5		
4-Bromofluorobenzene (S)	100	%	80-120	1		03/18/15 16:06	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	82-119	1		03/18/15 16:06	17060-07-0		
Preservation pH	1.0		0.10	1		03/18/15 16:06			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	180	mg/L	20.0	20		03/18/15 18:56	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Sample: DUP-2-031215		Lab ID: 60189656018		Collected: 03/12/15 08:00		Received: 03/13/15 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	57.0	mg/L	2.3	5	03/16/15 00:00	03/17/15 11:08			
Surrogates									
p-Terphenyl (S)	0	%	28-127	5	03/16/15 00:00	03/17/15 11:08	92-94-4	S4	
n-Tetracosane (S)	0	%	22-121	5	03/16/15 00:00	03/17/15 11:08	646-31-1	S4	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	3.1	mg/L	0.50	1		03/23/15 14:57			
Surrogates									
4-Bromofluorobenzene (S)	103	%	82-114	1		03/23/15 14:57	460-00-4		
Preservation pH	1.0		0.10	1		03/23/15 14:57			
8260/OA1 UST, Water		Analytical Method: EPA 8260/OA1							
Benzene	331	ug/L	5.0	5		03/19/15 14:16	71-43-2		
Toluene	1.1	ug/L	1.0	1		03/18/15 16:21	108-88-3		
Ethylbenzene	142	ug/L	1.0	1		03/18/15 16:21	100-41-4		
Xylene (Total)	53.9	ug/L	3.0	1		03/18/15 16:21	1330-20-7		
Surrogates									
Toluene-d8 (S)	106	%	80-120	1		03/18/15 16:21	2037-26-5		
4-Bromofluorobenzene (S)	101	%	80-120	1		03/18/15 16:21	460-00-4		
1,2-Dichloroethane-d4 (S)	99	%	82-119	1		03/18/15 16:21	17060-07-0		
Preservation pH	1.0		0.10	1		03/18/15 16:21			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	49.5	mg/L	5.0	5		03/20/15 11:59	16887-00-6		

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QUALITY CONTROL DATA

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

QC Batch:	GCV/5030	Analysis Method:	EPA 5030B/8015B
QC Batch Method:	EPA 5030B/8015B	Analysis Description:	Gasoline Range Organics
Associated Lab Samples:	60189656001, 60189656002, 60189656003, 60189656004, 60189656005, 60189656006, 60189656007, 60189656008, 60189656009, 60189656010, 60189656011, 60189656012, 60189656013		

METHOD BLANK: 1536784

Matrix: Water

Associated Lab Samples: 60189656001, 60189656002, 60189656003, 60189656004, 60189656005, 60189656006, 60189656007, 60189656008, 60189656009, 60189656010, 60189656011, 60189656012, 60189656013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/L	ND	0.50	03/20/15 11:52	
4-Bromofluorobenzene (S)	%	104	82-114	03/20/15 11:52	

LABORATORY CONTROL SAMPLE: 1536785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/L	1	0.87	87	68-110	
4-Bromofluorobenzene (S)	%			103	82-114	

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QUALITY CONTROL DATA

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

QC Batch: GCV/5031 Analysis Method: EPA 5030B/8015B
QC Batch Method: EPA 5030B/8015B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 60189656014, 60189656015, 60189656016, 60189656017, 60189656018

METHOD BLANK: 1537864 Matrix: Water
Associated Lab Samples: 60189656014, 60189656015, 60189656016, 60189656017, 60189656018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/L	ND	0.50	03/23/15 11:47	
4-Bromofluorobenzene (S)	%	108	82-114	03/23/15 11:47	

LABORATORY CONTROL SAMPLE: 1537865

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/L	1	0.83	83	68-110	
4-Bromofluorobenzene (S)	%			104	82-114	

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QUALITY CONTROL DATA

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

QC Batch:	MSV/68236	Analysis Method:	EPA 8260/OA1
QC Batch Method:	EPA 8260/OA1	Analysis Description:	8260/OA1 UST-WATER
Associated Lab Samples:	60189656001, 60189656002, 60189656003, 60189656005, 60189656006, 60189656007, 60189656008, 60189656009		

METHOD BLANK:	1534772	Matrix:	Water
Associated Lab Samples:	60189656001, 60189656002, 60189656003, 60189656005, 60189656006, 60189656007, 60189656008, 60189656009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/17/15 19:37	
Ethylbenzene	ug/L	ND	1.0	03/17/15 19:37	
Toluene	ug/L	ND	1.0	03/17/15 19:37	
Xylene (Total)	ug/L	ND	3.0	03/17/15 19:37	
1,2-Dichloroethane-d4 (S)	%	97	82-119	03/17/15 19:37	
4-Bromofluorobenzene (S)	%	99	80-120	03/17/15 19:37	
Toluene-d8 (S)	%	99	80-120	03/17/15 19:37	

LABORATORY CONTROL SAMPLE: 1534773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	21.0	105	80-120	
Ethylbenzene	ug/L	20	21.7	108	80-120	
Toluene	ug/L	20	20.5	102	80-120	
Xylene (Total)	ug/L	60	67.5	113	80-120	
1,2-Dichloroethane-d4 (S)	%			95	82-119	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			100	80-120	

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QUALITY CONTROL DATA

Project: 075016 E HOBBS JUNCTION

Project No.: 60189656

QC Batch:	MSV/68260	Analysis Method:	EPA 8260/OA1
QC Batch Method:	EPA 8260/OA1	Analysis Description:	8260/OA1 UST-WATER
Associated Lab Samples:	60189656004, 60189656010, 60189656012, 60189656013, 60189656014, 60189656015, 60189656016, 60189656017, 60189656018		

METHOD BLANK:	1535322	Matrix:	Water
Associated Lab Samples:	60189656004, 60189656010, 60189656012, 60189656013, 60189656014, 60189656015, 60189656016, 60189656017, 60189656018		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/18/15 13:46	
Ethylbenzene	ug/L	ND	1.0	03/18/15 13:46	
Toluene	ug/L	ND	1.0	03/18/15 13:46	
Xylene (Total)	ug/L	ND	3.0	03/18/15 13:46	
1,2-Dichloroethane-d4 (S)	%	98	82-119	03/18/15 13:46	
4-Bromofluorobenzene (S)	%	99	80-120	03/18/15 13:46	
Toluene-d8 (S)	%	103	80-120	03/18/15 13:46	

LABORATORY CONTROL SAMPLE: 1535323

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.7	93	80-120	
Ethylbenzene	ug/L	20	21.5	108	80-120	
Toluene	ug/L	20	20.1	100	80-120	
Xylene (Total)	ug/L	60	67.1	112	80-120	
1,2-Dichloroethane-d4 (S)	%			92	82-119	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			104	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

QC Batch: MSV/68295 Analysis Method: EPA 8260/OA1
QC Batch Method: EPA 8260/OA1 Analysis Description: 8260/OA1 UST-WATER
Associated Lab Samples: 60189656011, 60189656015, 60189656016, 60189656018

METHOD BLANK: 1536039 Matrix: Water
Associated Lab Samples: 60189656011, 60189656015, 60189656016, 60189656018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/19/15 13:14	
Ethylbenzene	ug/L	ND	1.0	03/19/15 13:14	
Toluene	ug/L	ND	1.0	03/19/15 13:14	
Xylene (Total)	ug/L	ND	3.0	03/19/15 13:14	
1,2-Dichloroethane-d4 (S)	%	98	82-119	03/19/15 13:14	
4-Bromofluorobenzene (S)	%	101	80-120	03/19/15 13:14	
Toluene-d8 (S)	%	102	80-120	03/19/15 13:14	

LABORATORY CONTROL SAMPLE: 1536040

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.5	98	80-120	
Ethylbenzene	ug/L	20	21.2	106	80-120	
Toluene	ug/L	20	20.3	101	80-120	
Xylene (Total)	ug/L	60	66.2	110	80-120	
1,2-Dichloroethane-d4 (S)	%			98	82-119	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1536041 1536042

Parameter	Units	60189942004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Benzene	ug/L	ND	20	20	15.5	10.3	77	52	46-155	40	13 R1
Ethylbenzene	ug/L	ND	20	20	16.6	10.8	83	54	51-148	43	14 R1
Toluene	ug/L	ND	20	20	16.1	10.7	80	53	47-149	40	16 R1
Xylene (Total)	ug/L	ND	60	60	51.2	33.7	85	56	39-158	41	15 MS,RS
1,2-Dichloroethane-d4 (S)	%						97	96	82-119		
4-Bromofluorobenzene (S)	%						98	99	80-120		
Toluene-d8 (S)	%						103	104	80-120		
Preservation pH		1.0			1.0	1.0				0	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

QC Batch:	OEXT/48529	Analysis Method:	EPA 8015B
QC Batch Method:	EPA 3510C	Analysis Description:	EPA 8015B
Associated Lab Samples:	60189656001, 60189656002, 60189656003, 60189656004, 60189656005, 60189656006, 60189656007, 60189656008, 60189656009, 60189656010, 60189656011, 60189656012, 60189656013, 60189656014, 60189656015, 60189656016, 60189656017, 60189656018		

METHOD BLANK: 1533849

Matrix: Water

Associated Lab Samples: 60189656001, 60189656002, 60189656003, 60189656004, 60189656005, 60189656006, 60189656007, 60189656008, 60189656009, 60189656010, 60189656011, 60189656012, 60189656013, 60189656014, 60189656015, 60189656016, 60189656017, 60189656018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	03/16/15 17:08	
n-Tetracosane (S)	%	75	22-121	03/16/15 17:08	
p-Terphenyl (S)	%	73	28-127	03/16/15 17:08	

LABORATORY CONTROL SAMPLE: 1533850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	9.9	79	44-129	
n-Tetracosane (S)	%			80	22-121	
p-Terphenyl (S)	%			82	28-127	

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QUALITY CONTROL DATA

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

QC Batch:	WETA/33248	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	60189656001, 60189656002, 60189656003, 60189656004, 60189656005, 60189656008, 60189656009, 60189656010, 60189656011, 60189656012, 60189656013, 60189656014, 60189656015, 60189656017		

METHOD BLANK: 1535093

Matrix: Water

Associated Lab Samples: 60189656001, 60189656002, 60189656003, 60189656004, 60189656005, 60189656008, 60189656009, 60189656010, 60189656011, 60189656012, 60189656013, 60189656014, 60189656015, 60189656017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	03/18/15 12:43	

LABORATORY CONTROL SAMPLE: 1535094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1535095 1535096

Parameter	Units	60189656001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	138	100	100	237	232	99	94	80-120	2	15	

MATRIX SPIKE SAMPLE: 1535097

Parameter	Units	60189656002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	354	100	451	96	80-120	

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QUALITY CONTROL DATA

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

QC Batch: WETA/33286 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60189656006, 60189656007, 60189656016, 60189656018

METHOD BLANK: 1536617 Matrix: Water
Associated Lab Samples: 60189656006, 60189656007, 60189656016, 60189656018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	03/20/15 08:56	

LABORATORY CONTROL SAMPLE: 1536618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1536619 1536620

Parameter	Units	60189656006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	83.9	25	25	110	110	104	103	80-120	0	15	

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QUALIFIERS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-K Pace Analytical Services - Kansas City

BATCH QUALIFIERS

Batch: OEXT/48529

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/68236

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/68260

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/68295

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: GCV/5030

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: GCV/5031

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

R1 RPD value was outside control limits.

RS The RPD value in one of the constituent analytes was outside the control limits.

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QUALIFIERS

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

ANALYTE QUALIFIERS

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60189656001	MW-16-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656002	MW-21-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656003	MW-14-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656004	MW-18-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656005	MW-12-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656006	MW-13-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656007	MW-23-031116	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656008	MW-26-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656009	MW-27-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656010	MW-22-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656011	MW-8-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656012	DUP-1-031115	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656013	MW-24-031215	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656014	MW-25-031215	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656015	MW-10-031215	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656016	MW-3-031215	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656017	MW-6-031215	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656018	DUP-2-031215	EPA 3510C	OEXT/48529	EPA 8015B	GCSV/18569
60189656001	MW-16-031115	EPA 5030B/8015B	GCV/5030		
60189656002	MW-21-031115	EPA 5030B/8015B	GCV/5030		
60189656003	MW-14-031115	EPA 5030B/8015B	GCV/5030		
60189656004	MW-18-031115	EPA 5030B/8015B	GCV/5030		
60189656005	MW-12-031115	EPA 5030B/8015B	GCV/5030		
60189656006	MW-13-031115	EPA 5030B/8015B	GCV/5030		
60189656007	MW-23-031116	EPA 5030B/8015B	GCV/5030		
60189656008	MW-26-031115	EPA 5030B/8015B	GCV/5030		
60189656009	MW-27-031115	EPA 5030B/8015B	GCV/5030		
60189656010	MW-22-031115	EPA 5030B/8015B	GCV/5030		
60189656011	MW-8-031115	EPA 5030B/8015B	GCV/5030		
60189656012	DUP-1-031115	EPA 5030B/8015B	GCV/5030		
60189656013	MW-24-031215	EPA 5030B/8015B	GCV/5030		
60189656014	MW-25-031215	EPA 5030B/8015B	GCV/5031		
60189656015	MW-10-031215	EPA 5030B/8015B	GCV/5031		
60189656016	MW-3-031215	EPA 5030B/8015B	GCV/5031		
60189656017	MW-6-031215	EPA 5030B/8015B	GCV/5031		
60189656018	DUP-2-031215	EPA 5030B/8015B	GCV/5031		
60189656001	MW-16-031115	EPA 8260/OA1	MSV/68236		
60189656002	MW-21-031115	EPA 8260/OA1	MSV/68236		
60189656003	MW-14-031115	EPA 8260/OA1	MSV/68236		
60189656004	MW-18-031115	EPA 8260/OA1	MSV/68260		
60189656005	MW-12-031115	EPA 8260/OA1	MSV/68236		
60189656006	MW-13-031115	EPA 8260/OA1	MSV/68236		
60189656007	MW-23-031116	EPA 8260/OA1	MSV/68236		
60189656008	MW-26-031115	EPA 8260/OA1	MSV/68236		
60189656009	MW-27-031115	EPA 8260/OA1	MSV/68236		
60189656010	MW-22-031115	EPA 8260/OA1	MSV/68260		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075016 E HOBBS JUNCTION

Pace Project No.: 60189656

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60189656011	MW-8-031115	EPA 8260/OA1	MSV/68295		
60189656012	DUP-1-031115	EPA 8260/OA1	MSV/68260		
60189656013	MW-24-031215	EPA 8260/OA1	MSV/68260		
60189656014	MW-25-031215	EPA 8260/OA1	MSV/68260		
60189656015	MW-10-031215	EPA 8260/OA1	MSV/68260		
60189656015	MW-10-031215	EPA 8260/OA1	MSV/68295		
60189656016	MW-3-031215	EPA 8260/OA1	MSV/68260		
60189656016	MW-3-031215	EPA 8260/OA1	MSV/68295		
60189656017	MW-6-031215	EPA 8260/OA1	MSV/68260		
60189656018	DUP-2-031215	EPA 8260/OA1	MSV/68260		
60189656018	DUP-2-031215	EPA 8260/OA1	MSV/68295		
60189656001	MW-16-031115	EPA 300.0	WETA/33248		
60189656002	MW-21-031115	EPA 300.0	WETA/33248		
60189656003	MW-14-031115	EPA 300.0	WETA/33248		
60189656004	MW-18-031115	EPA 300.0	WETA/33248		
60189656005	MW-12-031115	EPA 300.0	WETA/33248		
60189656006	MW-13-031115	EPA 300.0	WETA/33286		
60189656007	MW-23-031116	EPA 300.0	WETA/33286		
60189656008	MW-26-031115	EPA 300.0	WETA/33248		
60189656009	MW-27-031115	EPA 300.0	WETA/33248		
60189656010	MW-22-031115	EPA 300.0	WETA/33248		
60189656011	MW-8-031115	EPA 300.0	WETA/33248		
60189656012	DUP-1-031115	EPA 300.0	WETA/33248		
60189656013	MW-24-031215	EPA 300.0	WETA/33248		
60189656014	MW-25-031215	EPA 300.0	WETA/33248		
60189656015	MW-10-031215	EPA 300.0	WETA/33248		
60189656016	MW-3-031215	EPA 300.0	WETA/33286		
60189656017	MW-6-031215	EPA 300.0	WETA/33248		
60189656018	DUP-2-031215	EPA 300.0	WETA/33286		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt
ESI Tech Spec Client

WO#: 60189656



60189656

Client Name: Phillips 66

Courier: Fed Ex ☒ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☐

Tracking #: 6262 7067 5529; -5540 Pace Shipping Label Used? Yes ☐ No ☒

Custody Seal on Cooler/Box Present: Yes ☒ No ☐ Seals intact: Yes ☒ No ☐

Packing Material: Bubble Wrap ☒ Bubble Bags ☐ Foam ☐ None ☐ Other ☐

Thermometer Used: T-239 / T-194

Type of Ice: Wet Blue ☐ None ☐ Samples received on ice, cooling process has begun.
(circle one)

Cooler Temperature: 0.5, 3.5, 1.1, 1.3

Temperature should be above freezing to 5°C

Date and initials of person examining
contents: 3/13/15 JS 1025

Chain of Custody present:	☒ Yes ☐ No ☐ N/A	1
Chain of Custody filled out:	☒ Yes ☐ No ☐ N/A	2
Chain of Custody relinquished:	☒ Yes ☐ No ☐ N/A	3
Sampler name & signature on COC:	☒ Yes ☐ No ☐ N/A	4
Samples arrived within holding time:	☒ Yes ☐ No ☐ N/A	5
Short Hold Time analyses (<72hr):	☐ Yes ☒ No ☐ N/A	6
Rush Turn Around Time requested:	☐ Yes ☒ No ☐ N/A	7
Sufficient volume:	☒ Yes ☐ No ☐ N/A	8
Correct containers used:	☒ Yes ☐ No ☐ N/A	9
Pace containers used:	☒ Yes ☐ No ☐ N/A	9
Containers intact:	☒ Yes ☐ No ☐ N/A	10
Unpreserved 5035A soils frozen w/in 48hrs?	☐ Yes ☐ No ☒ N/A	11
Filtered volume received for dissolved tests?	☐ Yes ☐ No ☒ N/A	12
Sample labels match COC:	☒ Yes ☐ No ☐ N/A	
Includes date/time/ID/analyses	Matrix: <u>water</u>	13
All containers needing preservation have been checked:	☐ Yes ☐ No ☒ N/A	
All containers needing preservation are found to be in compliance with EPA recommendation:	☐ Yes ☐ No ☒ N/A	14
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☒ Yes ☐ No	Initial when completed <u>JS</u>
Trip Blank present:	☒ Yes ☐ No ☐ N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>010-215-3</u>		15
Headspace in VOA vials (>6mm):	☐ Yes ☒ No ☐ N/A	16
Project sampled in USDA Regulated Area:	☐ Yes ☐ No ☒ N/A	17. List State:

Client Notification/ Resolution:

Copy COC to Client? Y / N

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AAF Date: 03/13/15

Temp Log: Record start and finish times when unpacking cooler, if >20 min, recheck sample temps.

Start: 1010 Start:

End: 1025 End:

Temp: _____ Temp:



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Phillips 66	Report To:	Moshghan Mansoori	Attention:	ePayables
Address:	2270 Springlake Dr., Ste 800 Dallas, TX 75234	Copy To:	Chris Knight	Company Name:	Phillips 66
Email To:	mmansoori@creworworld.com	Purchase Order No:	4520636056	Address:	
Phone:	972-331-8500	Project Name:	E. Hobbs Junction	Pace Quote Reference:	
Requested Due Date/TAT:	standard	Project Number:	75016	Pace Project Manager:	Alice Flanagan
				Pace Profile #:	7000, 3

Section D Required Client Information		Valid Matrix Codes		COLLECTED		Preservatives		Requested Analysis Filtered (Y/N)		Regulatory Agency	
SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE		MATRIX CODE DRINKING WATER DW WASTE WATER WW PRODUCT P SOIL/SOLID S OIL OIL WIPE WIP AIR AIR OTHER OT TSS TS		DATE TIME		DATE TIME		DATE TIME		GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER TOEQ ☐	
ITEM #		MATRIX CODE (see valid codes to left)		DATE TIME		DATE TIME		DATE TIME		Residual Chlorine (Y/N)	
1 MW-16-031115		WT G		3/11 1010		3/12 1517		3/12 1517		Pace Project No./ Lab I.D.	
2 MW-21-031115		WT G		3/11 1105		3/12 1517		3/12 1517		2/16/11 (884) G/184H 69	
3 MW-14-031115		WT G		3/11 1200		3/12 1517		3/12 1517		69	
4 MW-18-031115		WT G		3/11 1255		3/12 1517		3/12 1517		69	
5 MW-12-031115		WT G		3/11 1440		3/12 1517		3/12 1517		69	
6 MW-13-031115		WT G		3/11 1350		3/12 1517		3/12 1517		69	
7 MW-23-031115		WT G		3/11 1555		3/12 1517		3/12 1517		69	
8 MW-26-031115		WT G		3/11 1605		3/12 1517		3/12 1517		69	
9 MW-27-031115		WT G		3/11 1630		3/12 1517		3/12 1517		69	
10 MW-22-031115		WT G		3/11 1515		3/12 1517		3/12 1517		69	
11 MW-8-031115		WT G		3/11 1725		3/12 1517		3/12 1517		69	
12 DUP-1-031115		WT G		3/11 --		3/12 1517		3/12 1517		69	
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE TIME		ACCEPTED BY / AFFILIATION		DATE TIME		SAMPLE CONDITIONS	
SEE S50W		Kevin Wienhold / CEA		3/12 1517		Kevin Wienhold / CEA		3/12 1517		1-3 7 7 7 7 7 7 7 7 7 7	
4 COOLERS Total										1.1 7 7 7 7 7 7 7 7 7 7	
										3-5 7 7 7 7 7 7 7 7 7 7	
										0.5 7 7 7 7 7 7 7 7 7 7	
SAMPLER NAME AND SIGNATURE		PRINT Name of SAMPLER: KEVIN WIENHOLD		DATE Signed: 03/12/15		Cooler (Y/N)		Custody Sealed		Samples Intact	
		SIGNATURE of SAMPLER: [Signature]									

August 13, 2015

Moshghan Mansoori
GHD Services, Inc.
1755 Wittington Place
Suite 500
Dallas, TX 75234

RE: Project: 075016 E. HOBBS JUNCTION, NM
Pace Project No.: 60199523

Dear Moshghan Mansoori:

Enclosed are the analytical results for sample(s) received by the laboratory on July 30, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures

cc: Christopher Knight, GHD Services, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60199523001	MW-6-072915	Water	07/29/15 07:00	07/30/15 08:20
60199523002	MW-8-072915	Water	07/29/15 07:30	07/30/15 08:20
60199523003	MW-12-072915	Water	07/29/15 07:50	07/30/15 08:20
60199523004	MW-13-072915	Water	07/29/15 08:10	07/30/15 08:20
60199523005	MW-18-072915	Water	07/29/15 08:40	07/30/15 08:20
60199523006	MW-22-072915	Water	07/29/15 09:05	07/30/15 08:20
60199523007	MW-23-072915	Water	07/29/15 09:30	07/30/15 08:20
60199523008	MW-24-072915	Water	07/29/15 10:00	07/30/15 08:20
60199523009	MW-25-072915	Water	07/29/15 10:20	07/30/15 08:20
60199523010	MW-26-072915	Water	07/29/15 10:50	07/30/15 08:20
60199523011	MW-27-072915	Water	07/29/15 11:15	07/30/15 08:20
60199523012	MW-28-072915	Water	07/29/15 11:45	07/30/15 08:20
60199523013	DUP-1-072915	Water	07/29/15 08:00	07/30/15 08:20
60199523014	TRIP BLANK (COOLER 1)	Water	07/29/15 08:00	07/30/15 08:20
60199523015	TRIP BLANK (COOLER 2)	Water	07/29/15 08:00	07/30/15 08:20

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SAMPLE ANALYTE COUNT

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60199523001	MW-6-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JTK	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523002	MW-8-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JTK	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523003	MW-12-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	PGH	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523004	MW-13-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JTK	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523005	MW-18-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	PGH	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523006	MW-22-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	PGH	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523007	MW-23-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	PGH	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523008	MW-24-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	PGH	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523009	MW-25-072915	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	PGH	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523010	MW-26-072915	EPA 8015B	ACW	3	PASI-K

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SAMPLE ANALYTE COUNT

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60199523011	MW-27-072915	EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
		EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
60199523012	MW-28-072915	EPA 8260	JDH	8	PASI-K
		EPA 300.0	AJM	1	PASI-K
		EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
60199523013	DUP-1-072915	EPA 300.0	AJM	1	PASI-K
		EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	7	PASI-K
		EPA 300.0	AJM	1	PASI-K
60199523014	TRIP BLANK (COOLER 1)	EPA 8260	JTK	8	PASI-K
60199523015	TRIP BLANK (COOLER 2)	EPA 8260	JTK	8	PASI-K

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-6-072915		Lab ID: 60199523001	Collected: 07/29/15 07:00	Received: 07/30/15 08:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C						
TPH-DRO	2.2	mg/L	0.45	1	07/31/15 00:00	08/03/15 10:44		
Surrogates								
p-Terphenyl (S)	111	%	28-127	1	07/31/15 00:00	08/03/15 10:44	92-94-4	
n-Tetracosane (S)	114	%	22-121	1	07/31/15 00:00	08/03/15 10:44	646-31-1	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B						
TPH-GRO	ND	mg/L	0.50	1		08/03/15 15:29		
Surrogates								
4-Bromofluorobenzene (S)	98	%	82-114	1		08/03/15 15:29	460-00-4	
Preservation pH	1.0		0.10	1		08/03/15 15:29		
8260 MSV UST, Water		Analytical Method: EPA 8260						
Benzene	ND	ug/L	1.0	1		07/31/15 22:10	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		07/31/15 22:10	100-41-4	
Toluene	ND	ug/L	1.0	1		07/31/15 22:10	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		07/31/15 22:10	1330-20-7	
Surrogates								
Toluene-d8 (S)	104	%	80-120	1		07/31/15 22:10	2037-26-5	
4-Bromofluorobenzene (S)	95	%	80-120	1		07/31/15 22:10	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	82-119	1		07/31/15 22:10	17060-07-0	
Preservation pH	1.0		1.0	1		07/31/15 22:10		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0						
Chloride	174	mg/L	20.0	20		08/05/15 10:23	16887-00-6	

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-8-072915		Lab ID: 60199523002		Collected: 07/29/15 07:30		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	1.5	mg/L	0.50	1	07/31/15 00:00	08/03/15 10:51			
Surrogates									
p-Terphenyl (S)	95	%	28-127	1	07/31/15 00:00	08/03/15 10:51	92-94-4		
n-Tetracosane (S)	95	%	22-121	1	07/31/15 00:00	08/03/15 10:51	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		08/03/15 15:46			
Surrogates									
4-Bromofluorobenzene (S)	97	%	82-114	1		08/03/15 15:46	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 15:46			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		07/31/15 22:25	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		07/31/15 22:25	100-41-4		
Toluene	ND	ug/L	1.0	1		07/31/15 22:25	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		07/31/15 22:25	1330-20-7		
Surrogates									
Toluene-d8 (S)	104	%	80-120	1		07/31/15 22:25	2037-26-5		
4-Bromofluorobenzene (S)	95	%	80-120	1		07/31/15 22:25	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	82-119	1		07/31/15 22:25	17060-07-0		
Preservation pH	1.0		1.0	1		07/31/15 22:25			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	142	mg/L	20.0	20		08/05/15 10:51	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-12-072915		Lab ID: 60199523003		Collected: 07/29/15 07:50		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	0.83	mg/L	0.45	1	07/31/15 00:00	08/03/15 10:59			
Surrogates									
p-Terphenyl (S)	83	%	28-127	1	07/31/15 00:00	08/03/15 10:59	92-94-4		
n-Tetracosane (S)	72	%	22-121	1	07/31/15 00:00	08/03/15 10:59	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	1.2	mg/L	0.50	1		08/03/15 16:03			
Surrogates									
4-Bromofluorobenzene (S)	98	%	82-114	1		08/03/15 16:03	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 16:03			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	229	ug/L	5.0	5		08/05/15 02:20	71-43-2		
Ethylbenzene	ND	ug/L	5.0	5		08/05/15 02:20	100-41-4		
Toluene	ND	ug/L	5.0	5		08/05/15 02:20	108-88-3		
Xylene (Total)	ND	ug/L	15.0	5		08/05/15 02:20	1330-20-7		
Surrogates									
Toluene-d8 (S)	109	%	80-120	5		08/05/15 02:20	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	5		08/05/15 02:20	460-00-4		
1,2-Dichloroethane-d4 (S)	103	%	82-119	5		08/05/15 02:20	17060-07-0		
Preservation pH	1.0		1.0	5		08/05/15 02:20			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	145	mg/L	20.0	20		08/05/15 12:04	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-13-072915		Lab ID: 60199523004		Collected: 07/29/15 08:10		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	07/31/15 00:00	08/03/15 11:07			
Surrogates									
p-Terphenyl (S)	88	%	28-127	1	07/31/15 00:00	08/03/15 11:07	92-94-4		
n-Tetracosane (S)	69	%	22-121	1	07/31/15 00:00	08/03/15 11:07	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		08/03/15 16:19			
Surrogates									
4-Bromofluorobenzene (S)	98	%	82-114	1		08/03/15 16:19	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 16:19			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/01/15 10:30	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/01/15 10:30	100-41-4		
Toluene	ND	ug/L	1.0	1		08/01/15 10:30	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/01/15 10:30	1330-20-7		
Surrogates									
Toluene-d8 (S)	104	%	80-120	1		08/01/15 10:30	2037-26-5		
4-Bromofluorobenzene (S)	94	%	80-120	1		08/01/15 10:30	460-00-4		
1,2-Dichloroethane-d4 (S)	94	%	82-119	1		08/01/15 10:30	17060-07-0		
Preservation pH	1.0		1.0	1		08/01/15 10:30			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	78.0	mg/L	10.0	10		08/05/15 19:45	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-18-072915		Lab ID: 60199523005		Collected: 07/29/15 08:40		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	0.75	mg/L	0.45	1	07/31/15 00:00	08/03/15 11:14			
Surrogates									
p-Terphenyl (S)	86	%	28-127	1	07/31/15 00:00	08/03/15 11:14	92-94-4		
n-Tetracosane (S)	79	%	22-121	1	07/31/15 00:00	08/03/15 11:14	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	0.53	mg/L	0.50	1		08/03/15 17:09			
Surrogates									
4-Bromofluorobenzene (S)	99	%	82-114	1		08/03/15 17:09	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 17:09			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/05/15 01:05	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/05/15 01:05	100-41-4		
Toluene	ND	ug/L	1.0	1		08/05/15 01:05	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/05/15 01:05	1330-20-7		
Surrogates									
Toluene-d8 (S)	106	%	80-120	1		08/05/15 01:05	2037-26-5		
4-Bromofluorobenzene (S)	100	%	80-120	1		08/05/15 01:05	460-00-4		
1,2-Dichloroethane-d4 (S)	104	%	82-119	1		08/05/15 01:05	17060-07-0		
Preservation pH	1.0		1.0	1		08/05/15 01:05			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	164	mg/L	20.0	20		08/05/15 12:32	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-22-072915		Lab ID: 60199523006		Collected: 07/29/15 09:05		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	07/31/15 00:00	08/03/15 11:45			
Surrogates									
p-Terphenyl (S)	88	%	28-127	1	07/31/15 00:00	08/03/15 11:45	92-94-4		
n-Tetracosane (S)	83	%	22-121	1	07/31/15 00:00	08/03/15 11:45	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		08/03/15 17:26			
Surrogates									
4-Bromofluorobenzene (S)	97	%	82-114	1		08/03/15 17:26	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 17:26			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/05/15 01:20	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/05/15 01:20	100-41-4		
Toluene	ND	ug/L	1.0	1		08/05/15 01:20	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/05/15 01:20	1330-20-7		
Surrogates									
Toluene-d8 (S)	105	%	80-120	1		08/05/15 01:20	2037-26-5		
4-Bromofluorobenzene (S)	100	%	80-120	1		08/05/15 01:20	460-00-4		
1,2-Dichloroethane-d4 (S)	101	%	82-119	1		08/05/15 01:20	17060-07-0		
Preservation pH	1.0		1.0	1		08/05/15 01:20			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	103	mg/L	10.0	10		08/05/15 20:28	16887-00-6		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-23-072915		Lab ID: 60199523007		Collected: 07/29/15 09:30		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.50	1	07/31/15 00:00	08/03/15 11:52			
Surrogates									
p-Terphenyl (S)	94	%	28-127	1	07/31/15 00:00	08/03/15 11:52	92-94-4		
n-Tetracosane (S)	85	%	22-121	1	07/31/15 00:00	08/03/15 11:52	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		08/03/15 17:42			
Surrogates									
4-Bromofluorobenzene (S)	97	%	82-114	1		08/03/15 17:42	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 17:42			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/05/15 01:35	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/05/15 01:35	100-41-4		
Toluene	ND	ug/L	1.0	1		08/05/15 01:35	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/05/15 01:35	1330-20-7		
Surrogates									
Toluene-d8 (S)	105	%	80-120	1		08/05/15 01:35	2037-26-5		
4-Bromofluorobenzene (S)	96	%	80-120	1		08/05/15 01:35	460-00-4		
1,2-Dichloroethane-d4 (S)	102	%	82-119	1		08/05/15 01:35	17060-07-0		
Preservation pH	1.0		1.0	1		08/05/15 01:35			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	64.2	mg/L	5.0	5		08/05/15 20:42	16887-00-6		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-24-072915		Lab ID: 60199523008		Collected: 07/29/15 10:00		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.48	1	07/31/15 00:00	08/03/15 12:00			
Surrogates									
p-Terphenyl (S)	92	%	28-127	1	07/31/15 00:00	08/03/15 12:00	92-94-4		
n-Tetracosane (S)	90	%	22-121	1	07/31/15 00:00	08/03/15 12:00	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		08/03/15 17:59			
Surrogates									
4-Bromofluorobenzene (S)	98	%	82-114	1		08/03/15 17:59	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 17:59			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/05/15 01:50	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/05/15 01:50	100-41-4		
Toluene	ND	ug/L	1.0	1		08/05/15 01:50	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/05/15 01:50	1330-20-7		
Surrogates									
Toluene-d8 (S)	103	%	80-120	1		08/05/15 01:50	2037-26-5		
4-Bromofluorobenzene (S)	99	%	80-120	1		08/05/15 01:50	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	82-119	1		08/05/15 01:50	17060-07-0		
Preservation pH	1.0		1.0	1		08/05/15 01:50			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	139	mg/L	20.0	20		08/05/15 13:16	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-25-072915		Lab ID: 60199523009		Collected: 07/29/15 10:20		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.48	1	07/31/15 00:00	08/03/15 12:07			
Surrogates									
p-Terphenyl (S)	93	%	28-127	1	07/31/15 00:00	08/03/15 12:07	92-94-4		
n-Tetracosane (S)	89	%	22-121	1	07/31/15 00:00	08/03/15 12:07	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		08/03/15 18:16			
Surrogates									
4-Bromofluorobenzene (S)	98	%	82-114	1		08/03/15 18:16	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 18:16			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/05/15 02:05	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/05/15 02:05	100-41-4		
Toluene	ND	ug/L	1.0	1		08/05/15 02:05	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/05/15 02:05	1330-20-7		
Surrogates									
Toluene-d8 (S)	107	%	80-120	1		08/05/15 02:05	2037-26-5		
4-Bromofluorobenzene (S)	97	%	80-120	1		08/05/15 02:05	460-00-4		
1,2-Dichloroethane-d4 (S)	105	%	82-119	1		08/05/15 02:05	17060-07-0		
Preservation pH	1.0		1.0	1		08/05/15 02:05			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	120	mg/L	20.0	20		08/05/15 13:30	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-26-072915		Lab ID: 60199523010		Collected: 07/29/15 10:50		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	07/31/15 00:00	08/03/15 12:15			
Surrogates									
p-Terphenyl (S)	87	%	28-127	1	07/31/15 00:00	08/03/15 12:15	92-94-4		
n-Tetracosane (S)	87	%	22-121	1	07/31/15 00:00	08/03/15 12:15	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		08/03/15 18:32			
Surrogates									
4-Bromofluorobenzene (S)	98	%	82-114	1		08/03/15 18:32	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 18:32			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/05/15 08:11	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/05/15 08:11	100-41-4		
Toluene	ND	ug/L	1.0	1		08/05/15 08:11	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/05/15 08:11	1330-20-7		
Surrogates									
Toluene-d8 (S)	95	%	80-120	1		08/05/15 08:11	2037-26-5		
4-Bromofluorobenzene (S)	96	%	80-120	1		08/05/15 08:11	460-00-4		
1,2-Dichloroethane-d4 (S)	88	%	82-119	1		08/05/15 08:11	17060-07-0		
Preservation pH	1.0		1.0	1		08/05/15 08:11			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	116	mg/L	20.0	20		08/05/15 13:44	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-27-072915		Lab ID: 60199523011		Collected: 07/29/15 11:15		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	07/31/15 00:00	08/03/15 12:23			
Surrogates									
p-Terphenyl (S)	85	%	28-127	1	07/31/15 00:00	08/03/15 12:23	92-94-4		
n-Tetracosane (S)	79	%	22-121	1	07/31/15 00:00	08/03/15 12:23	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		08/03/15 18:49			
Surrogates									
4-Bromofluorobenzene (S)	98	%	82-114	1		08/03/15 18:49	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 18:49			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/05/15 08:27	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/05/15 08:27	100-41-4		
Toluene	ND	ug/L	1.0	1		08/05/15 08:27	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/05/15 08:27	1330-20-7		
Surrogates									
Toluene-d8 (S)	94	%	80-120	1		08/05/15 08:27	2037-26-5		
4-Bromofluorobenzene (S)	95	%	80-120	1		08/05/15 08:27	460-00-4		
1,2-Dichloroethane-d4 (S)	88	%	82-119	1		08/05/15 08:27	17060-07-0		
Preservation pH	1.0		1.0	1		08/05/15 08:27			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	126	mg/L	20.0	20		08/05/15 13:59	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: MW-28-072915		Lab ID: 60199523012		Collected: 07/29/15 11:45		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	20.9	mg/L	0.50	1	07/31/15 00:00	08/03/15 12:30			
Surrogates									
p-Terphenyl (S)	86	%	28-127	1	07/31/15 00:00	08/03/15 12:30	92-94-4		
n-Tetracosane (S)	81	%	22-121	1	07/31/15 00:00	08/03/15 12:30	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	6.9	mg/L	0.50	1		08/03/15 19:06			
Surrogates									
4-Bromofluorobenzene (S)	98	%	82-114	1		08/03/15 19:06	460-00-4		
Preservation pH	1.0		0.10	1		08/03/15 19:06			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	431	ug/L	5.0	5		08/05/15 18:18	71-43-2		
Ethylbenzene	217	ug/L	5.0	5		08/05/15 18:18	100-41-4		
Toluene	ND	ug/L	5.0	5		08/05/15 18:18	108-88-3		
Xylene (Total)	243	ug/L	15.0	5		08/05/15 18:18	1330-20-7		
Surrogates									
Toluene-d8 (S)	96	%	80-120	5		08/05/15 18:18	2037-26-5		
4-Bromofluorobenzene (S)	98	%	80-120	5		08/05/15 18:18	460-00-4		
1,2-Dichloroethane-d4 (S)	88	%	82-119	5		08/05/15 18:18	17060-07-0		
Preservation pH	1.0		1.0	5		08/05/15 18:18			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	36.4	mg/L	5.0	5		08/05/15 20:57	16887-00-6		

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: DUP-1-072915		Lab ID: 60199523013		Collected: 07/29/15 08:00		Received: 07/30/15 08:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8015B Diesel Range Organics		Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	3.0	mg/L	0.45	1	08/05/15 00:00	08/11/15 16:29		1e	
Surrogates									
p-Terphenyl (S)	88	%	28-127	1	08/05/15 00:00	08/11/15 16:29	92-94-4		
n-Tetracosane (S)	79	%	22-121	1	08/05/15 00:00	08/11/15 16:29	646-31-1		
Gasoline Range Organics		Analytical Method: EPA 5030B/8015B							
TPH-GRO	10.1	mg/L	2.5	5		08/11/15 20:14			
Surrogates									
4-Bromofluorobenzene (S)	101	%	82-114	5		08/11/15 20:14	460-00-4		
Preservation pH	1.0		0.10	5		08/11/15 20:14			
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	525	ug/L	5.0	5		08/05/15 07:56	71-43-2		
Ethylbenzene	280	ug/L	5.0	5		08/05/15 07:56	100-41-4		
Toluene	ND	ug/L	5.0	5		08/05/15 07:56	108-88-3		
Xylene (Total)	403	ug/L	15.0	5		08/05/15 07:56	1330-20-7		
Surrogates									
Toluene-d8 (S)	96	%	80-120	5		08/05/15 07:56	2037-26-5		
4-Bromofluorobenzene (S)	97	%	80-120	5		08/05/15 07:56	460-00-4		
1,2-Dichloroethane-d4 (S)	87	%	82-119	5		08/05/15 07:56	17060-07-0		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	36.4	mg/L	5.0	5		08/05/15 21:11	16887-00-6		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: TRIP BLANK (COOLER 1)		Lab ID: 60199523014		Collected: 07/29/15 08:00		Received: 07/30/15 08:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/04/15 22:54	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/04/15 22:54	100-41-4		
Toluene	ND	ug/L	1.0	1		08/04/15 22:54	108-88-3		
Xylene (Total)	ND	ug/L	3.0	1		08/04/15 22:54	1330-20-7		
Surrogates									
Toluene-d8 (S)	107	%	80-120	1		08/04/15 22:54	2037-26-5		
4-Bromofluorobenzene (S)	88	%	80-120	1		08/04/15 22:54	460-00-4		
1,2-Dichloroethane-d4 (S)	86	%	82-119	1		08/04/15 22:54	17060-07-0		
Preservation pH	1.0		1.0	1		08/04/15 22:54			

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ANALYTICAL RESULTS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Sample: TRIP BLANK (COOLER 2)		Lab ID: 60199523015		Collected: 07/29/15 08:00		Received: 07/30/15 08:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water		Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1			08/04/15 23:09	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1			08/04/15 23:09	100-41-4	
Toluene	ND	ug/L	1.0	1			08/04/15 23:09	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1			08/04/15 23:09	1330-20-7	
Surrogates									
Toluene-d8 (S)	107	%	80-120	1			08/04/15 23:09	2037-26-5	
4-Bromofluorobenzene (S)	89	%	80-120	1			08/04/15 23:09	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	82-119	1			08/04/15 23:09	17060-07-0	
Preservation pH	1.0			1.0	1		08/04/15 23:09		

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch:	GCV/5145	Analysis Method:	EPA 5030B/8015B
QC Batch Method:	EPA 5030B/8015B	Analysis Description:	Gasoline Range Organics
Associated Lab Samples:	60199523001, 60199523002, 60199523003, 60199523004, 60199523005, 60199523006, 60199523007, 60199523008, 60199523009, 60199523010, 60199523011, 60199523012		

METHOD BLANK: 1611031

Matrix: Water

Associated Lab Samples: 60199523001, 60199523002, 60199523003, 60199523004, 60199523005, 60199523006, 60199523007, 60199523008, 60199523009, 60199523010, 60199523011, 60199523012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/L	ND	0.50	08/03/15 12:10	
4-Bromofluorobenzene (S)	%	107	82-114	08/03/15 12:10	

LABORATORY CONTROL SAMPLE: 1611032

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/L	1	0.85	85	68-110	
4-Bromofluorobenzene (S)	%			108	82-114	

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch:	GCV/5156	Analysis Method:	EPA 5030B/8015B
QC Batch Method:	EPA 5030B/8015B	Analysis Description:	Gasoline Range Organics
Associated Lab Samples:	60199523013		

METHOD BLANK: 1615122 Matrix: Water

Associated Lab Samples: 60199523013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/L	ND	0.50	08/11/15 14:41	
4-Bromofluorobenzene (S)	%	99	82-114	08/11/15 14:41	

LABORATORY CONTROL SAMPLE: 1615123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/L	1	1.0	102	68-110	
4-Bromofluorobenzene (S)	%			102	82-114	

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch: MSV/70951

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV UST-WATER

Associated Lab Samples: 60199523001, 60199523002

METHOD BLANK: 1610224

Matrix: Water

Associated Lab Samples: 60199523001, 60199523002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	07/31/15 18:54	
Ethylbenzene	ug/L	ND	1.0	07/31/15 18:54	
Toluene	ug/L	ND	1.0	07/31/15 18:54	
Xylene (Total)	ug/L	ND	3.0	07/31/15 18:54	
1,2-Dichloroethane-d4 (S)	%	93	82-119	07/31/15 18:54	
4-Bromofluorobenzene (S)	%	95	80-120	07/31/15 18:54	
Toluene-d8 (S)	%	102	80-120	07/31/15 18:54	

LABORATORY CONTROL SAMPLE: 1610225

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	21.2	106	80-120	
Ethylbenzene	ug/L	20	22.0	110	80-120	
Toluene	ug/L	20	22.3	111	80-120	
Xylene (Total)	ug/L	60	66.5	111	80-120	
1,2-Dichloroethane-d4 (S)	%			94	82-119	
4-Bromofluorobenzene (S)	%			92	80-120	
Toluene-d8 (S)	%			103	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch:	MSV/70955	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV UST-WATER
Associated Lab Samples:	60199523004		

METHOD BLANK: 1610299 Matrix: Water

Associated Lab Samples: 60199523004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/01/15 05:57	
Ethylbenzene	ug/L	ND	1.0	08/01/15 05:57	
Toluene	ug/L	ND	1.0	08/01/15 05:57	
Xylene (Total)	ug/L	ND	3.0	08/01/15 05:57	
1,2-Dichloroethane-d4 (S)	%	91	82-119	08/01/15 05:57	
4-Bromofluorobenzene (S)	%	92	80-120	08/01/15 05:57	
Toluene-d8 (S)	%	103	80-120	08/01/15 05:57	

LABORATORY CONTROL SAMPLE: 1610300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.5	102	80-120	
Ethylbenzene	ug/L	20	21.3	106	80-120	
Toluene	ug/L	20	21.4	107	80-120	
Xylene (Total)	ug/L	60	63.8	106	80-120	
1,2-Dichloroethane-d4 (S)	%			91	82-119	
4-Bromofluorobenzene (S)	%			92	80-120	
Toluene-d8 (S)	%			104	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch: MSV/71002 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60199523003, 60199523005, 60199523006, 60199523007, 60199523008, 60199523009

METHOD BLANK: 1611607 Matrix: Water
Associated Lab Samples: 60199523003, 60199523005, 60199523006, 60199523007, 60199523008, 60199523009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/04/15 21:22	
Ethylbenzene	ug/L	ND	1.0	08/04/15 21:22	
Toluene	ug/L	ND	1.0	08/04/15 21:22	
Xylene (Total)	ug/L	ND	3.0	08/04/15 21:22	
1,2-Dichloroethane-d4 (S)	%	103	82-119	08/04/15 21:22	
4-Bromofluorobenzene (S)	%	96	80-120	08/04/15 21:22	
Toluene-d8 (S)	%	107	80-120	08/04/15 21:22	

LABORATORY CONTROL SAMPLE: 1611608

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	17.9	90	80-120	
Ethylbenzene	ug/L	20	20.0	100	80-120	
Toluene	ug/L	20	20.6	103	80-120	
Xylene (Total)	ug/L	60	62.0	103	80-120	
1,2-Dichloroethane-d4 (S)	%			101	82-119	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			109	80-120	

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch: MSV/71004 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60199523010, 60199523011, 60199523012, 60199523013

METHOD BLANK: 1611614 Matrix: Water
Associated Lab Samples: 60199523010, 60199523011, 60199523012, 60199523013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/05/15 04:02	
Ethylbenzene	ug/L	ND	1.0	08/05/15 04:02	
Toluene	ug/L	ND	1.0	08/05/15 04:02	
Xylene (Total)	ug/L	ND	3.0	08/05/15 04:02	
1,2-Dichloroethane-d4 (S)	%	88	82-119	08/05/15 04:02	
4-Bromofluorobenzene (S)	%	96	80-120	08/05/15 04:02	
Toluene-d8 (S)	%	95	80-120	08/05/15 04:02	

LABORATORY CONTROL SAMPLE: 1611615

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	22.8	114	80-120	
Ethylbenzene	ug/L	20	20.3	101	80-120	
Toluene	ug/L	20	21.3	106	80-120	
Xylene (Total)	ug/L	60	61.2	102	80-120	
1,2-Dichloroethane-d4 (S)	%			88	82-119	
4-Bromofluorobenzene (S)	%			96	80-120	
Toluene-d8 (S)	%			96	80-120	

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch: MSV/71009

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV UST-WATER

Associated Lab Samples: 60199523014, 60199523015

METHOD BLANK: 1611690

Matrix: Water

Associated Lab Samples: 60199523014, 60199523015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/04/15 22:39	
Ethylbenzene	ug/L	ND	1.0	08/04/15 22:39	
Toluene	ug/L	ND	1.0	08/04/15 22:39	
Xylene (Total)	ug/L	ND	3.0	08/04/15 22:39	
1,2-Dichloroethane-d4 (S)	%	86	82-119	08/04/15 22:39	
4-Bromofluorobenzene (S)	%	87	80-120	08/04/15 22:39	
Toluene-d8 (S)	%	107	80-120	08/04/15 22:39	

LABORATORY CONTROL SAMPLE: 1611691

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.2	101	80-120	
Ethylbenzene	ug/L	20	22.7	113	80-120	
Toluene	ug/L	20	22.3	112	80-120	
Xylene (Total)	ug/L	60	68.1	114	80-120	
1,2-Dichloroethane-d4 (S)	%			85	82-119	
4-Bromofluorobenzene (S)	%			86	80-120	
Toluene-d8 (S)	%			106	80-120	

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch: MSV/71029

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV UST-WATER

Associated Lab Samples: 60199523012

METHOD BLANK: 1612289

Matrix: Water

Associated Lab Samples: 60199523012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/05/15 17:31	
Ethylbenzene	ug/L	ND	1.0	08/05/15 17:31	
Toluene	ug/L	ND	1.0	08/05/15 17:31	
Xylene (Total)	ug/L	ND	3.0	08/05/15 17:31	
1,2-Dichloroethane-d4 (S)	%	88	82-119	08/05/15 17:31	
4-Bromofluorobenzene (S)	%	96	80-120	08/05/15 17:31	
Toluene-d8 (S)	%	94	80-120	08/05/15 17:31	

LABORATORY CONTROL SAMPLE: 1612290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	21.4	107	80-120	
Ethylbenzene	ug/L	20	18.8	94	80-120	
Toluene	ug/L	20	19.6	98	80-120	
Xylene (Total)	ug/L	60	57.2	95	80-120	
1,2-Dichloroethane-d4 (S)	%			88	82-119	
4-Bromofluorobenzene (S)	%			96	80-120	
Toluene-d8 (S)	%			95	80-120	

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch:	OEXT/50481	Analysis Method:	EPA 8015B
QC Batch Method:	EPA 3510C	Analysis Description:	EPA 8015B
Associated Lab Samples:	60199523001, 60199523002, 60199523003, 60199523004, 60199523005, 60199523006, 60199523007, 60199523008, 60199523009, 60199523010, 60199523011, 60199523012		

METHOD BLANK:	1609930	Matrix:	Water
Associated Lab Samples:	60199523001, 60199523002, 60199523003, 60199523004, 60199523005, 60199523006, 60199523007, 60199523008, 60199523009, 60199523010, 60199523011, 60199523012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	08/03/15 10:06	
n-Tetracosane (S)	%	60	22-121	08/03/15 10:06	
p-Terphenyl (S)	%	86	28-127	08/03/15 10:06	

LABORATORY CONTROL SAMPLE: 1609931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	11.0	88	44-129	
n-Tetracosane (S)	%			85	22-121	
p-Terphenyl (S)	%			87	28-127	

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch:	OEXT/50542	Analysis Method:	EPA 8015B
QC Batch Method:	EPA 3510C	Analysis Description:	EPA 8015B
Associated Lab Samples:	60199523013		

METHOD BLANK: 1611791 Matrix: Water

Associated Lab Samples: 60199523013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	08/11/15 16:13	
n-Tetracosane (S)	%	59	22-121	08/11/15 16:13	
p-Terphenyl (S)	%	59	28-127	08/11/15 16:13	

LABORATORY CONTROL SAMPLE: 1611792

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	11.3	90	44-129	
n-Tetracosane (S)	%			90	22-121	
p-Terphenyl (S)	%			90	28-127	

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QUALITY CONTROL DATA

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

QC Batch:	WETA/35326	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	60199523001, 60199523002, 60199523003, 60199523004, 60199523005, 60199523006, 60199523007, 60199523008, 60199523009, 60199523010, 60199523011, 60199523012, 60199523013		

METHOD BLANK: 1611873

Matrix: Water

Associated Lab Samples: 60199523001, 60199523002, 60199523003, 60199523004, 60199523005, 60199523006, 60199523007, 60199523008, 60199523009, 60199523010, 60199523011, 60199523012, 60199523013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	08/05/15 09:54	

LABORATORY CONTROL SAMPLE: 1611874

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.6	92	90-110	

MATRIX SPIKE SAMPLE: 1611875

Parameter	Units	60199523001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	174	100	267	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1611876 1611877

Parameter	Units	60199523002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	142	100	100	233	234	92	92	80-120	0	15	

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QUALIFIERS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-K Pace Analytical Services - Kansas City

BATCH QUALIFIERS

Batch: MSV/70951

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/70955

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: GCV/5145

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/71002

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/71004

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/71009

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: OEXT/50542

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/71029

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: GCV/5156

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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QUALIFIERS

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

ANALYTE QUALIFIERS

1e A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60199523001	MW-6-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523002	MW-8-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523003	MW-12-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523004	MW-13-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523005	MW-18-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523006	MW-22-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523007	MW-23-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523008	MW-24-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523009	MW-25-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523010	MW-26-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523011	MW-27-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523012	MW-28-072915	EPA 3510C	OEXT/50481	EPA 8015B	GCSV/19413
60199523013	DUP-1-072915	EPA 3510C	OEXT/50542	EPA 8015B	GCSV/19441
60199523001	MW-6-072915	EPA 5030B/8015B	GCV/5145		
60199523002	MW-8-072915	EPA 5030B/8015B	GCV/5145		
60199523003	MW-12-072915	EPA 5030B/8015B	GCV/5145		
60199523004	MW-13-072915	EPA 5030B/8015B	GCV/5145		
60199523005	MW-18-072915	EPA 5030B/8015B	GCV/5145		
60199523006	MW-22-072915	EPA 5030B/8015B	GCV/5145		
60199523007	MW-23-072915	EPA 5030B/8015B	GCV/5145		
60199523008	MW-24-072915	EPA 5030B/8015B	GCV/5145		
60199523009	MW-25-072915	EPA 5030B/8015B	GCV/5145		
60199523010	MW-26-072915	EPA 5030B/8015B	GCV/5145		
60199523011	MW-27-072915	EPA 5030B/8015B	GCV/5145		
60199523012	MW-28-072915	EPA 5030B/8015B	GCV/5145		
60199523013	DUP-1-072915	EPA 5030B/8015B	GCV/5156		
60199523001	MW-6-072915	EPA 8260	MSV/70951		
60199523002	MW-8-072915	EPA 8260	MSV/70951		
60199523003	MW-12-072915	EPA 8260	MSV/71002		
60199523004	MW-13-072915	EPA 8260	MSV/70955		
60199523005	MW-18-072915	EPA 8260	MSV/71002		
60199523006	MW-22-072915	EPA 8260	MSV/71002		
60199523007	MW-23-072915	EPA 8260	MSV/71002		
60199523008	MW-24-072915	EPA 8260	MSV/71002		
60199523009	MW-25-072915	EPA 8260	MSV/71002		
60199523010	MW-26-072915	EPA 8260	MSV/71004		
60199523011	MW-27-072915	EPA 8260	MSV/71004		
60199523012	MW-28-072915	EPA 8260	MSV/71004		
60199523012	MW-28-072915	EPA 8260	MSV/71029		
60199523013	DUP-1-072915	EPA 8260	MSV/71004		
60199523014	TRIP BLANK (COOLER 1)	EPA 8260	MSV/71009		
60199523015	TRIP BLANK (COOLER 2)	EPA 8260	MSV/71009		
60199523001	MW-6-072915	EPA 300.0	WETA/35326		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075016 E. HOBBS JUNCTION, NM

Pace Project No.: 60199523

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60199523002	MW-8-072915	EPA 300.0	WETA/35326		
60199523003	MW-12-072915	EPA 300.0	WETA/35326		
60199523004	MW-13-072915	EPA 300.0	WETA/35326		
60199523005	MW-18-072915	EPA 300.0	WETA/35326		
60199523006	MW-22-072915	EPA 300.0	WETA/35326		
60199523007	MW-23-072915	EPA 300.0	WETA/35326		
60199523008	MW-24-072915	EPA 300.0	WETA/35326		
60199523009	MW-25-072915	EPA 300.0	WETA/35326		
60199523010	MW-26-072915	EPA 300.0	WETA/35326		
60199523011	MW-27-072915	EPA 300.0	WETA/35326		
60199523012	MW-28-072915	EPA 300.0	WETA/35326		
60199523013	DUP-1-072915	EPA 300.0	WETA/35326		

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Sample Condition Upon Receipt
ESI Tech Spec Client

WO#: 60199523



60199523

Client Name: PLC GHD TX

Courier: FedEx ☒ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Other ☐ Client ☐

Tracking #: 6346 0752 5090; 6346 0752 5104 Pace Shipping Label Used? Yes ☒ No ☐

Custody Seal on Cooler/Box Present: Yes ☒ No ☐ Seals intact: Yes ☒ No ☐

Packing Material: Bubble Wrap ☒ Bubble Bags ☐ Foam ☐ None ☐ Other ☐

Thermometer Used: CF +1.4 T-239 / T-262

Type of Ice: Yes Blue ☐ None ☐ Samples received on ice, cooling process has begun.
(circle one)

Cooler Temperature: 3.6, 5.1

Date and initials of person examining contents: 7/30/15 1005

Temperature should be above freezing to 6°C

Chain of Custody present:	☒ Yes ☐ No ☐ N/A	1.
Chain of Custody filled out:	☒ Yes ☐ No ☐ N/A	2.
Chain of Custody relinquished:	☒ Yes ☐ No ☐ N/A	3.
Sampler name & signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples arrived within holding time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time analyses (<72hr):	☐ Yes ☒ No ☐ N/A	6.
Rush Turn Around Time requested:	☐ Yes ☒ No ☐ N/A	7.
Sufficient volume:	☒ Yes ☐ No ☐ N/A	8.
Correct containers used:	☒ Yes ☐ No ☐ N/A	9.
Pace containers used:	☒ Yes ☐ No ☐ N/A	10.
Containers intact:	☒ Yes ☐ No ☐ N/A	11.
Unpreserved 5035A soils frozen w/in 48hrs?	☐ Yes ☐ No ☒ N/A	12.
Filtered volume received for dissolved tests?	☐ Yes ☐ No ☒ N/A	13.
Sample labels match COC:	☒ Yes ☒ No ☐ N/A	MW-28 labelled as MW-3 based on collection time.
Includes date/time/ID/analyses	Matrix: <u>Water</u>	14.
All containers needing preservation have been checked.	☐ Yes ☐ No ☒ N/A	Initial when completed
All containers needing preservation are found to be in compliance with EPA recommendation.	☐ Yes ☐ No ☒ N/A	Lot # of added preservative
Exceptions: VOA, Coliform, O&G, WI-DRO (water)	☒ Yes ☐ No	15.
Trip Blank present:	☒ Yes ☐ No ☐ N/A	16.
Pace Trip Blank lot # (if purchased): <u>060815-3</u>		
Headspace in VOA vials (>6mm):	☒ Yes ☐ No ☐ N/A	MW-23 lot 6, Dup-1 3 of 6 vials w/ headspace
Project sampled in USDA Regulated Area:	☐ Yes ☐ No ☒ N/A	17. List State:
Additional labels attached to 5035A vials in the field?	☐ Yes ☐ No ☒ N/A	18.

Client Notification/ Resolution:

Copy COC to Client? Y / N

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

Temp Log: Record start and finish times when unpacking cooler, if >20 min, recheck sample temps.

Start: 1200 Start:

End: 1015 End:

Temp: Temp:

Project Manager Review: AAF

Date: 07/30/15

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Phillips 66 GHD Services, Inc. TX	Report To:	Moshghan Mansoori	Attention:	Phillips 66 aPayables
Address:	1755 Wittington Place Dallas, TX 75234	Copy To:	Christopher Knight	Company Name:	
Email:	moshghan.mansoori@pghd.com	Purchase Order #	4520636056	Address:	
Phone:	972-331-9500	Project Name:	075016 E Hobbs Junction NM	Pace Quote:	
Fax:		Project #	075016	Pace Project Manager	alice.farhang@pghd.com
Requested Due Date:				Pace Profile #:	
				Regulatory Agency	
				State / Location	NM

Page 1 Of 7

[illegible]

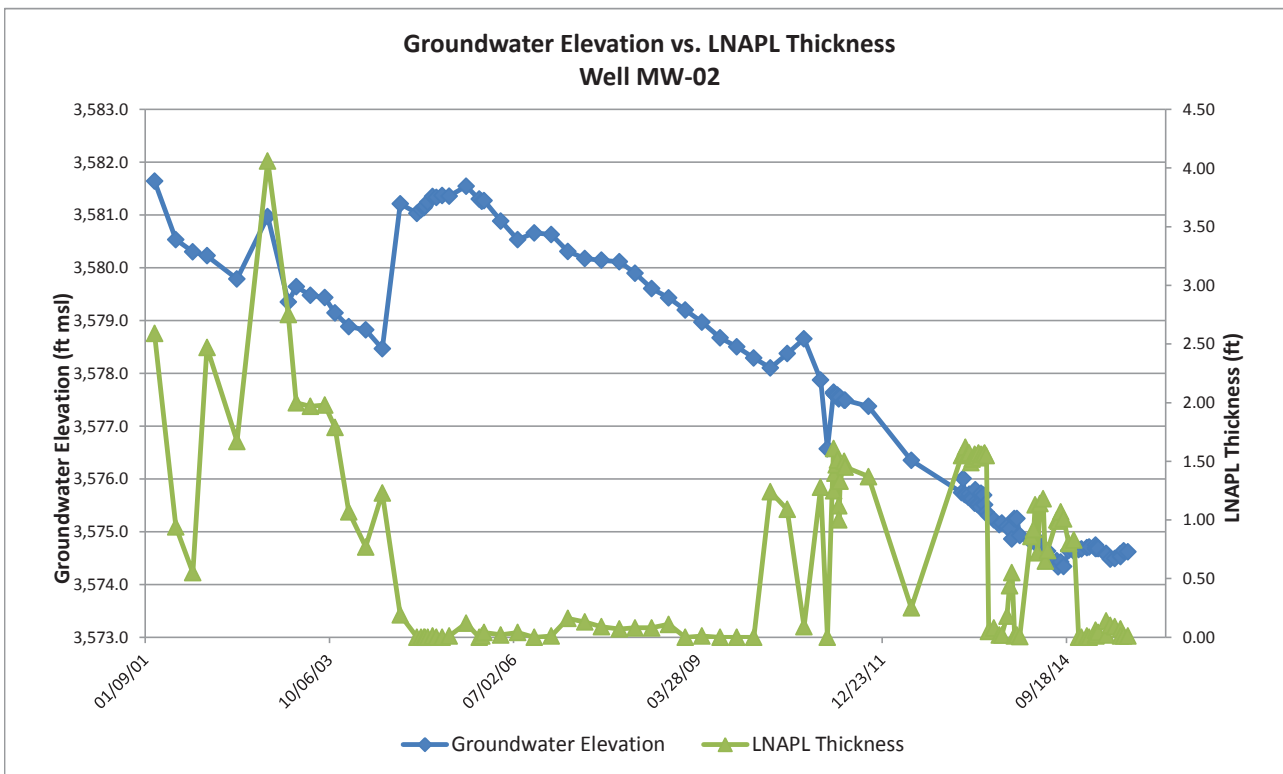
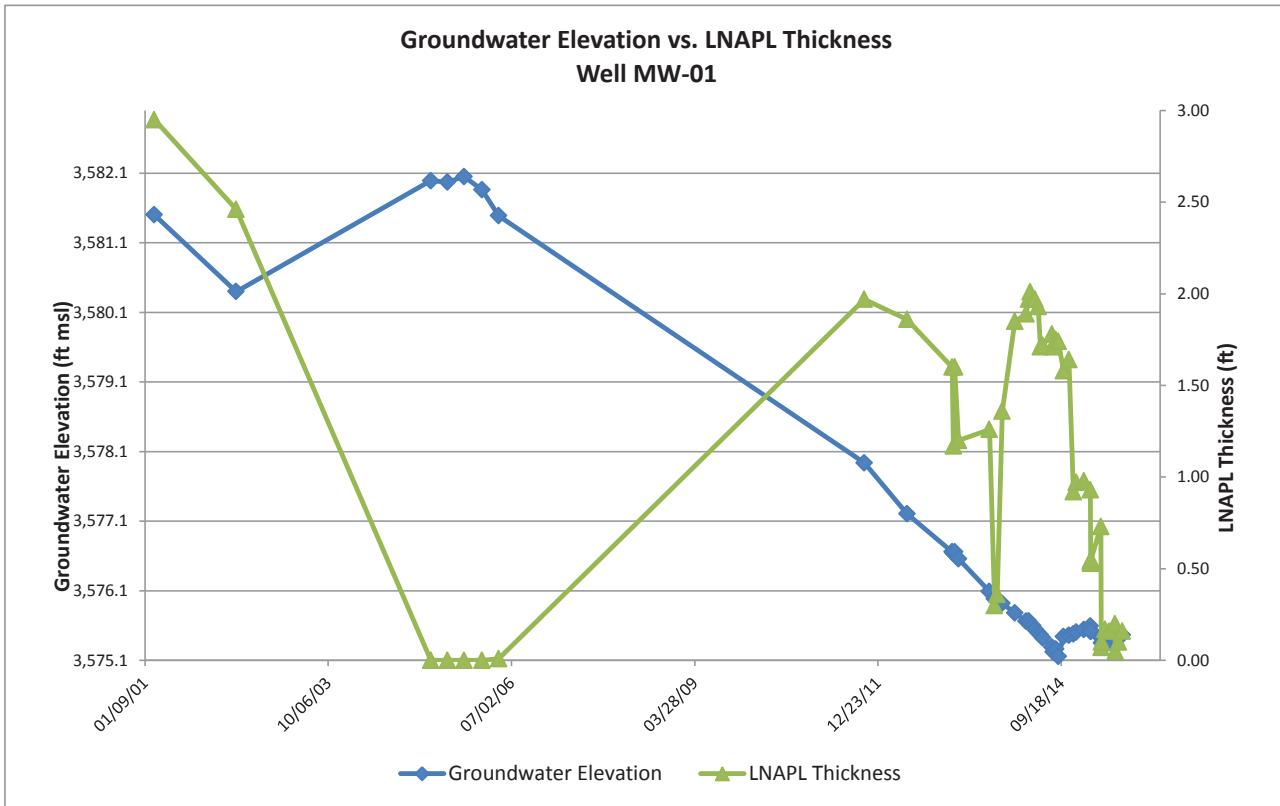
ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	DFW / GMD	7-25-95	7:10	[Signature]	7/26/95	8:20	3-s 1 Y
				[Signature]			5-v 1 Y

Page 3

Appendix B

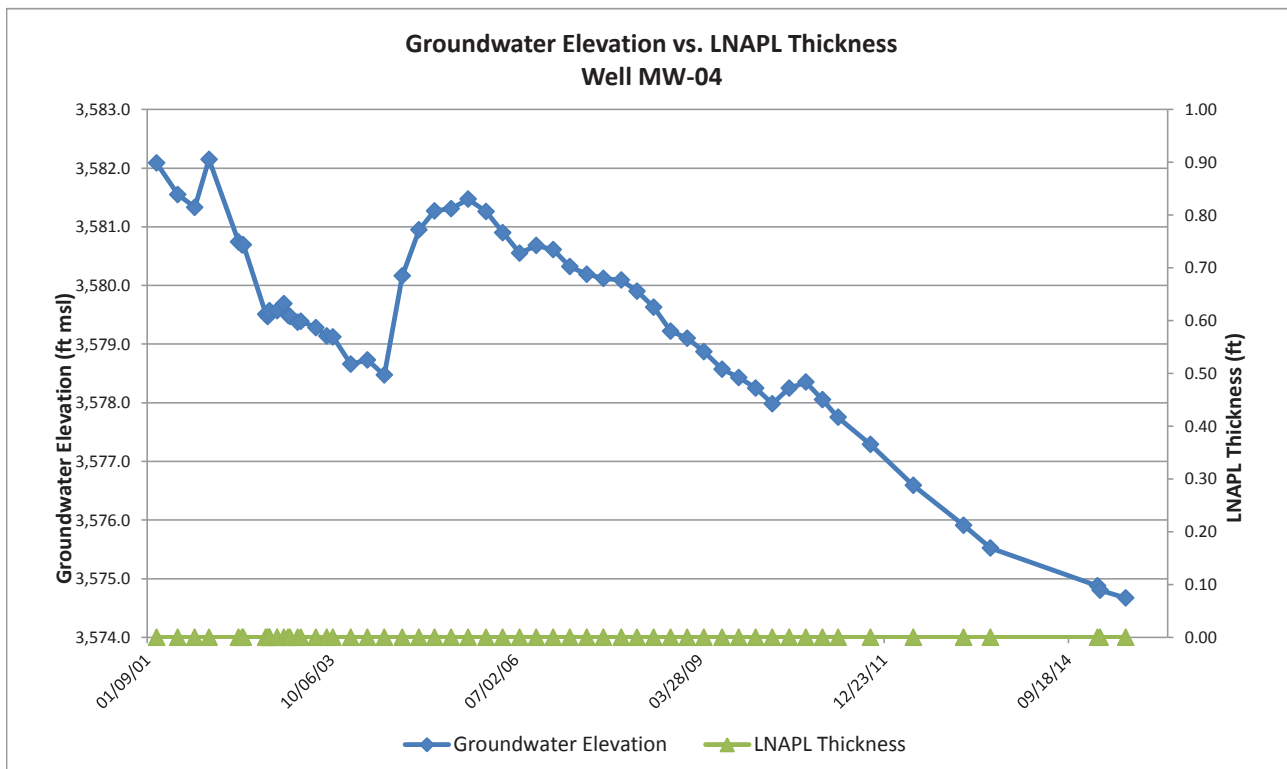
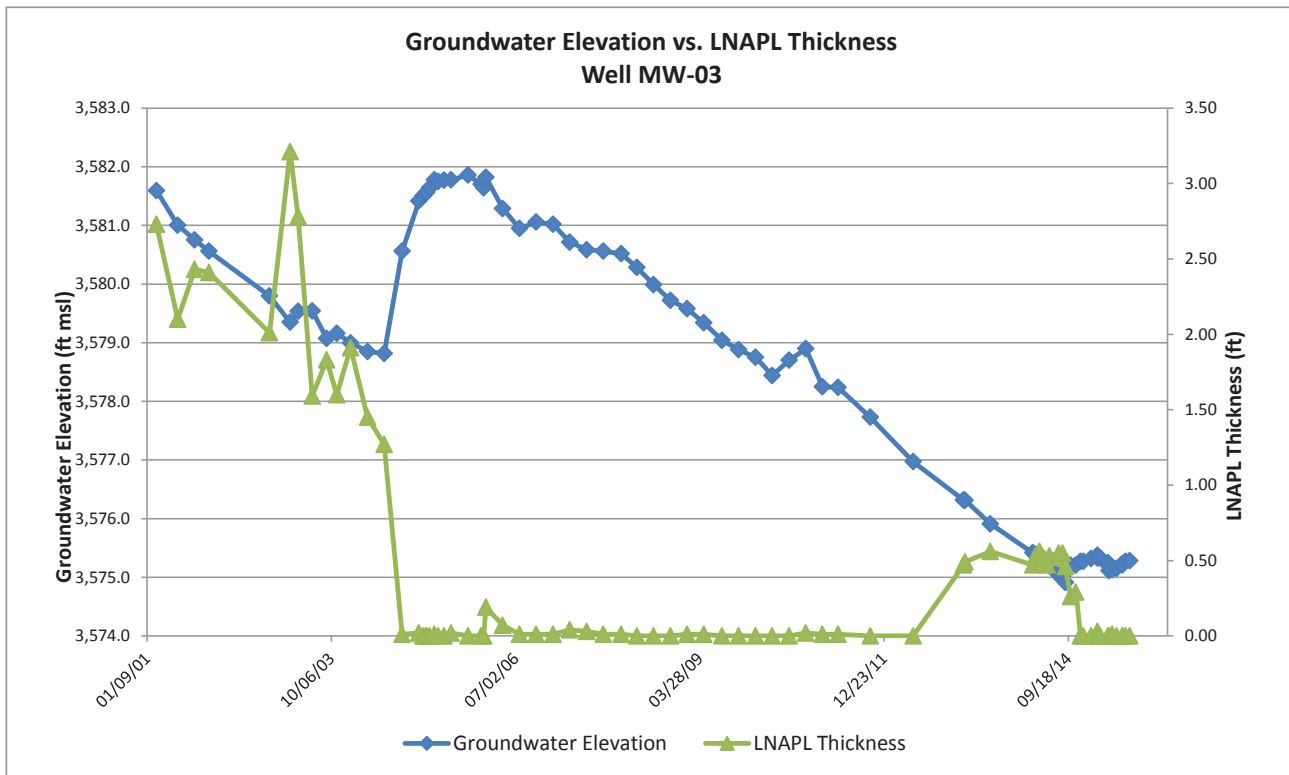
Hydrographs

Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



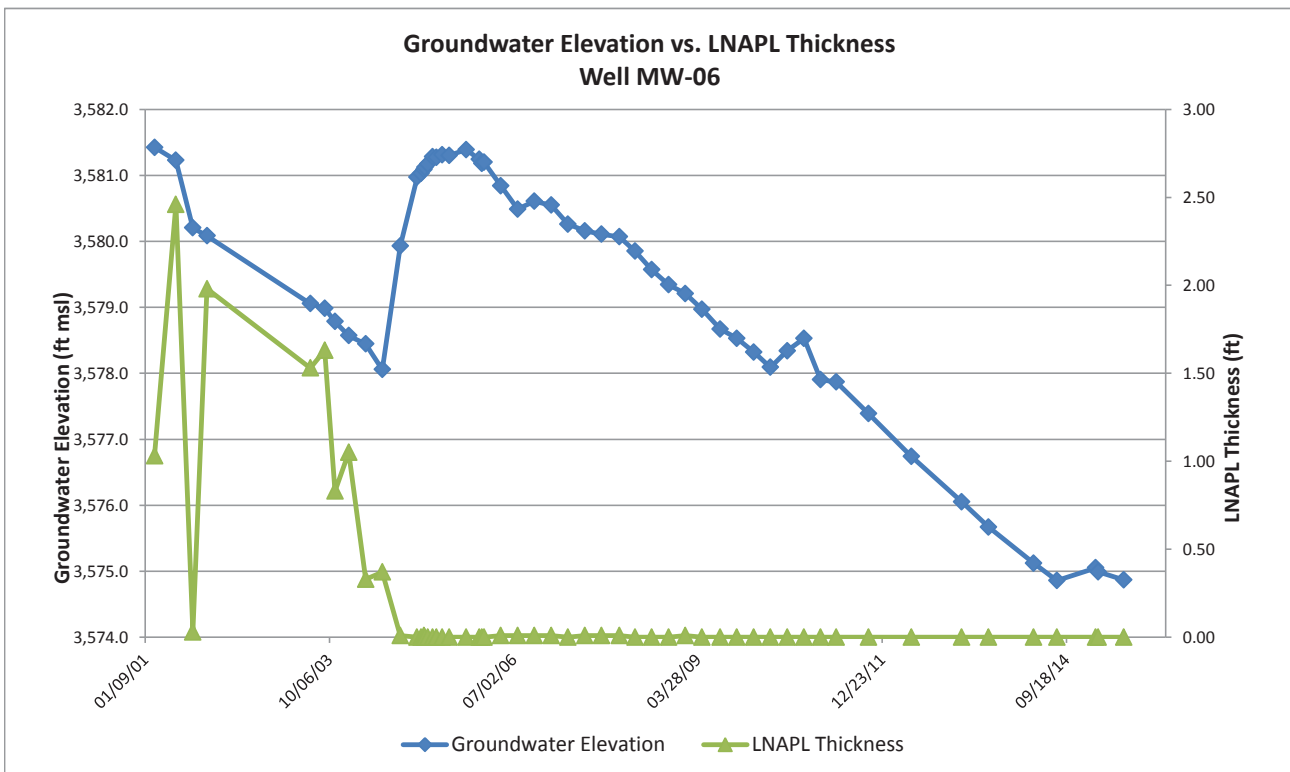
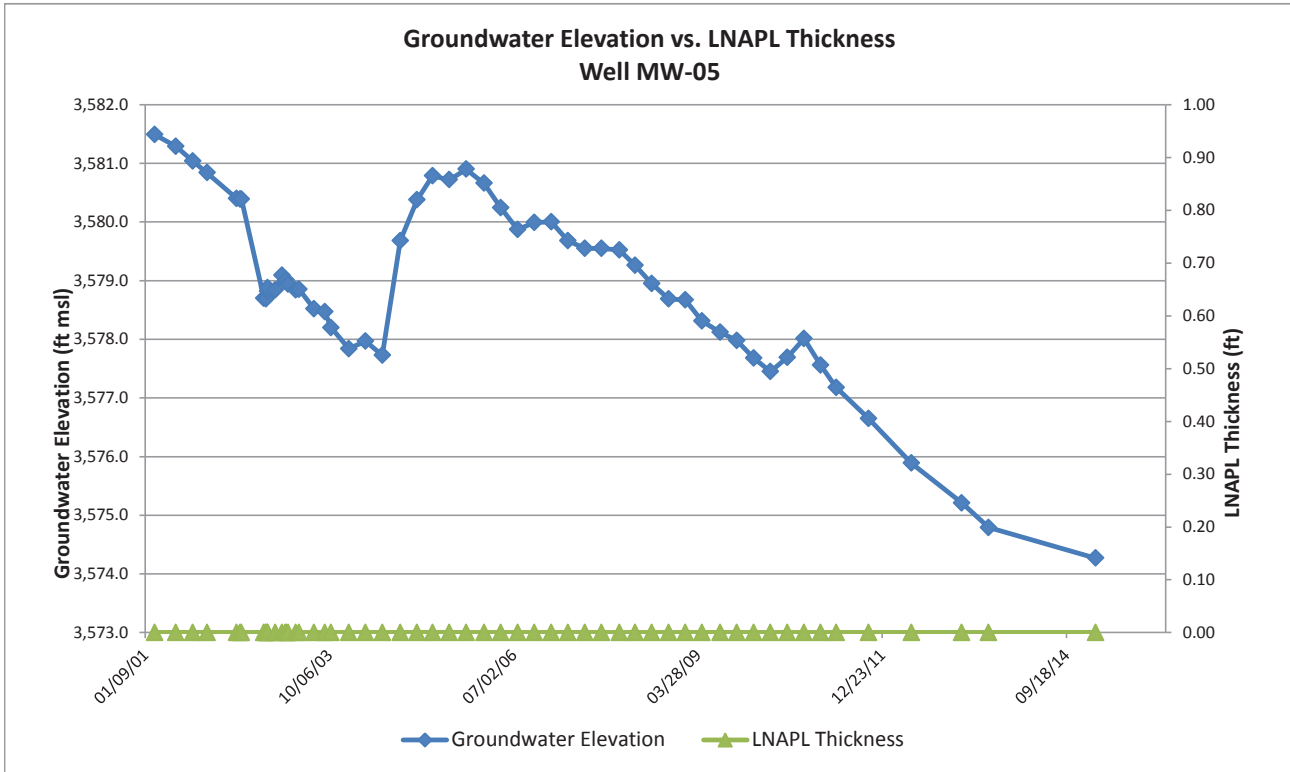
GW Elevation and LPH Thickness = Feet

Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



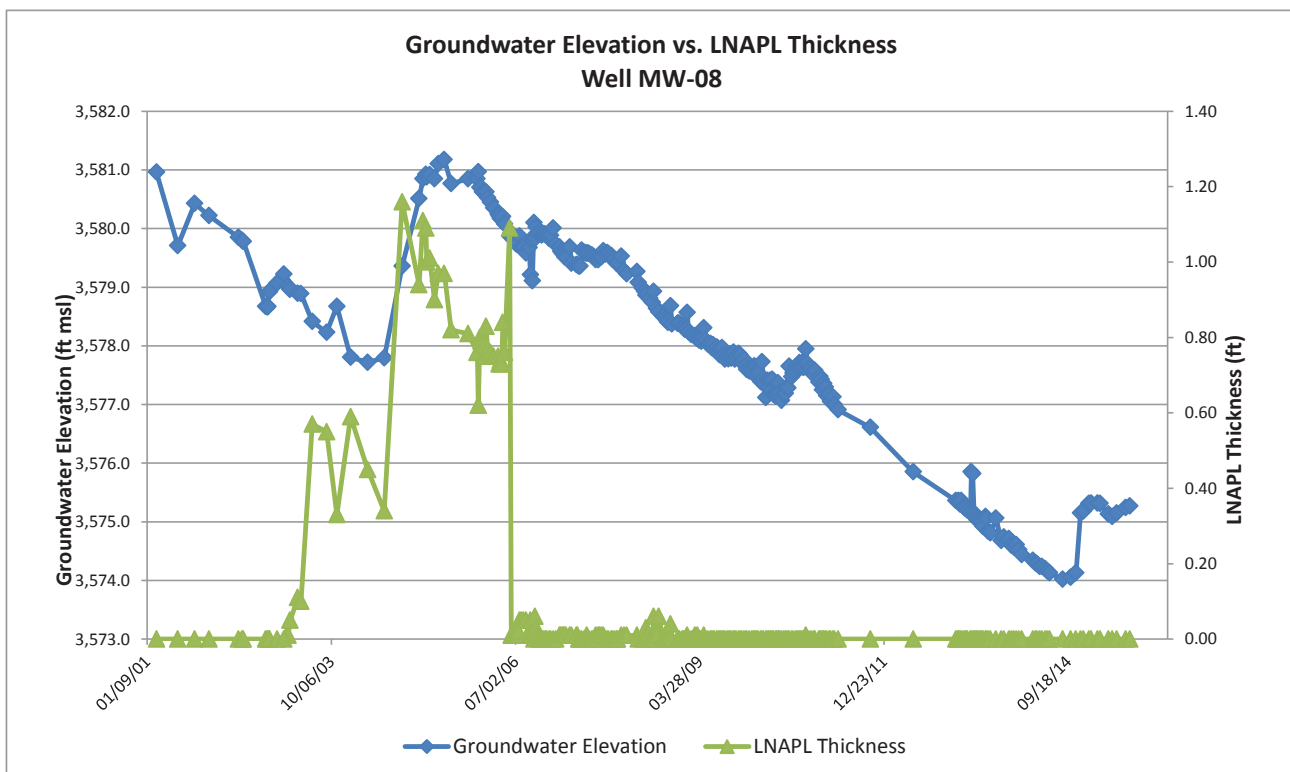
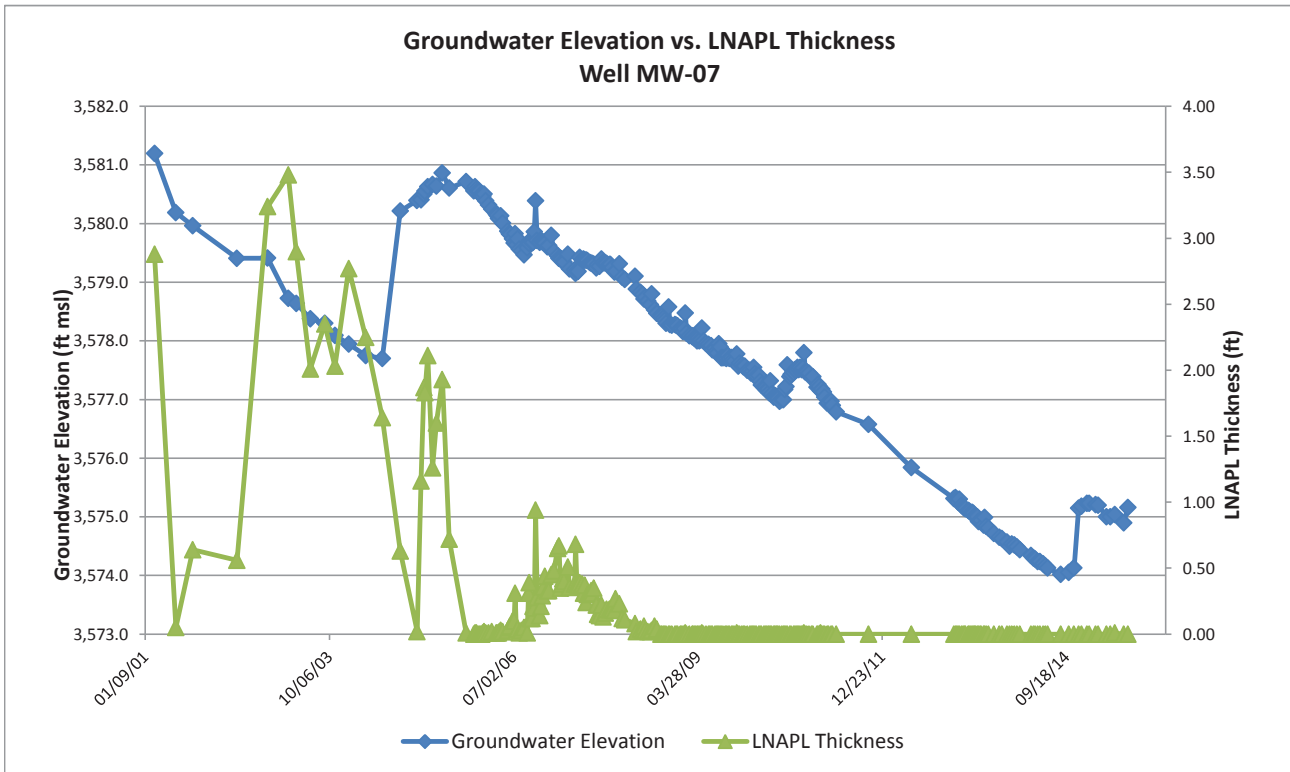
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Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



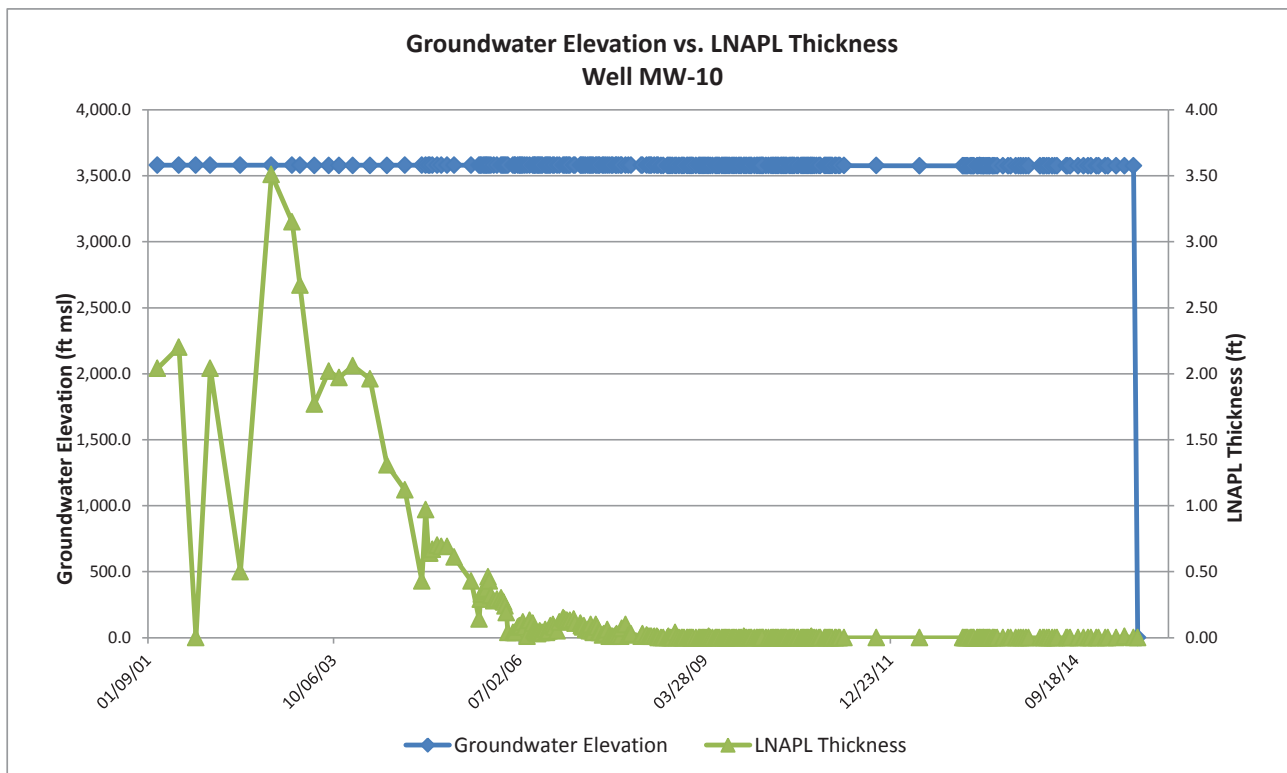
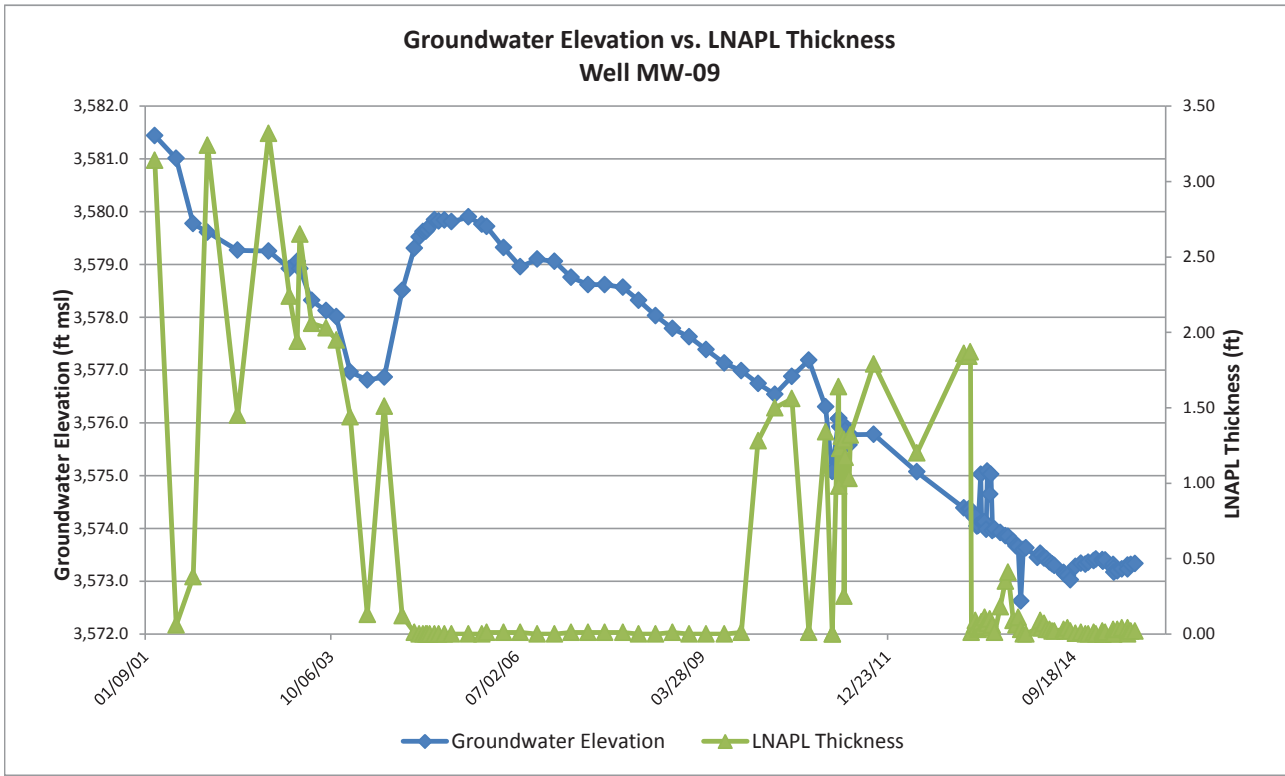
GW Elevation and LPH Thickness = Feet

Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



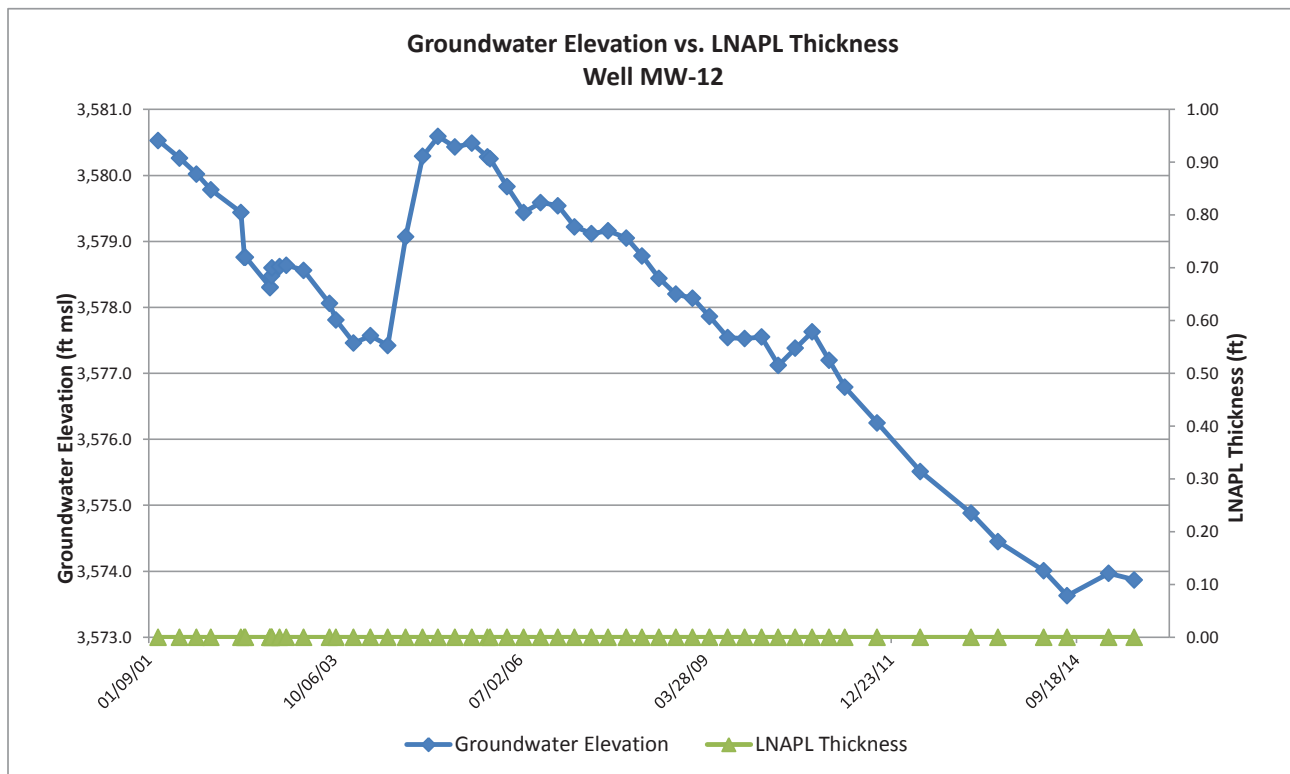
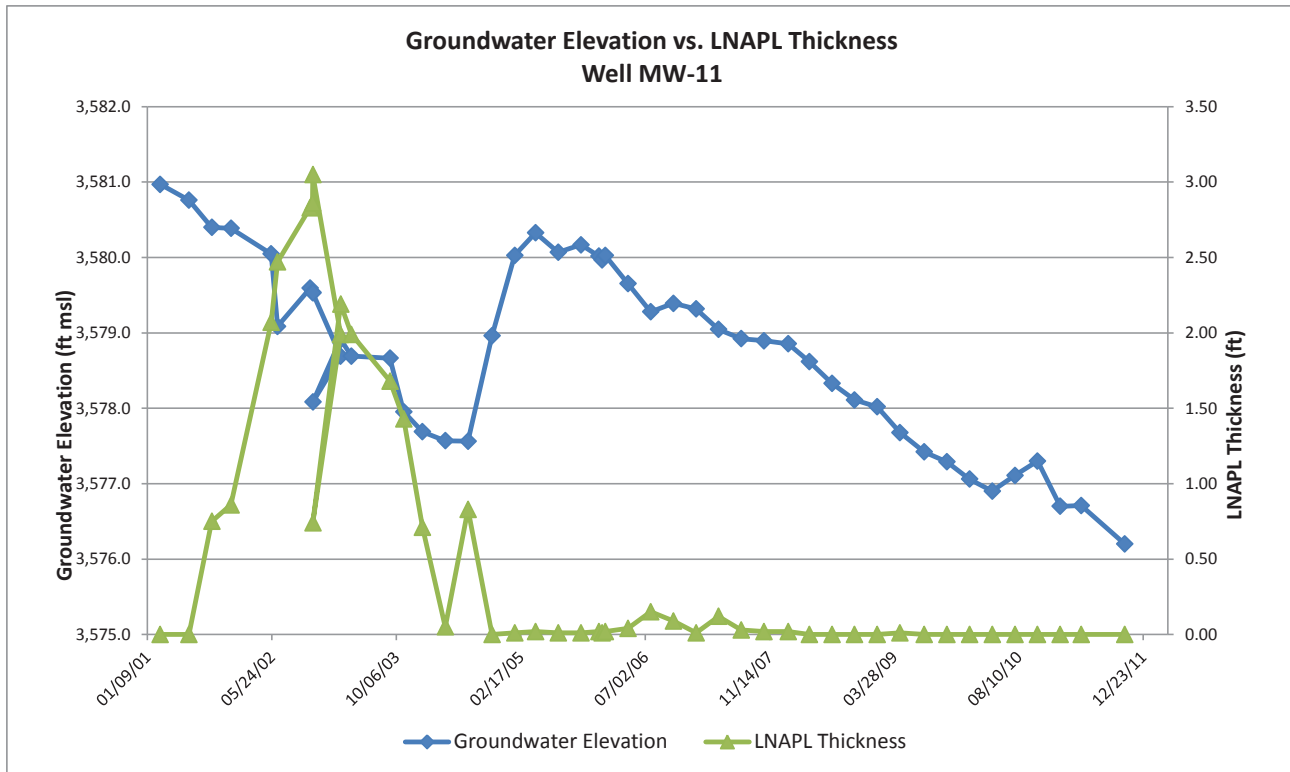
GW Elevation and LPH Thickness = Feet

Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



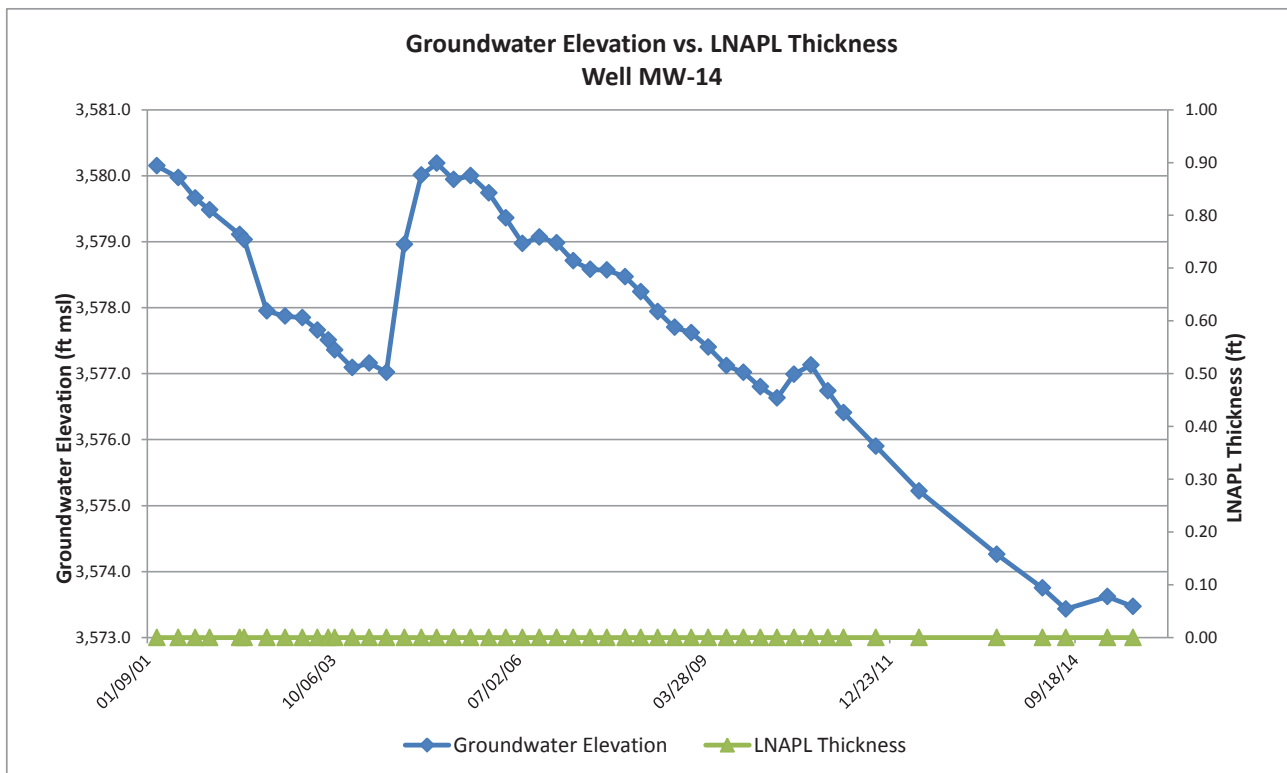
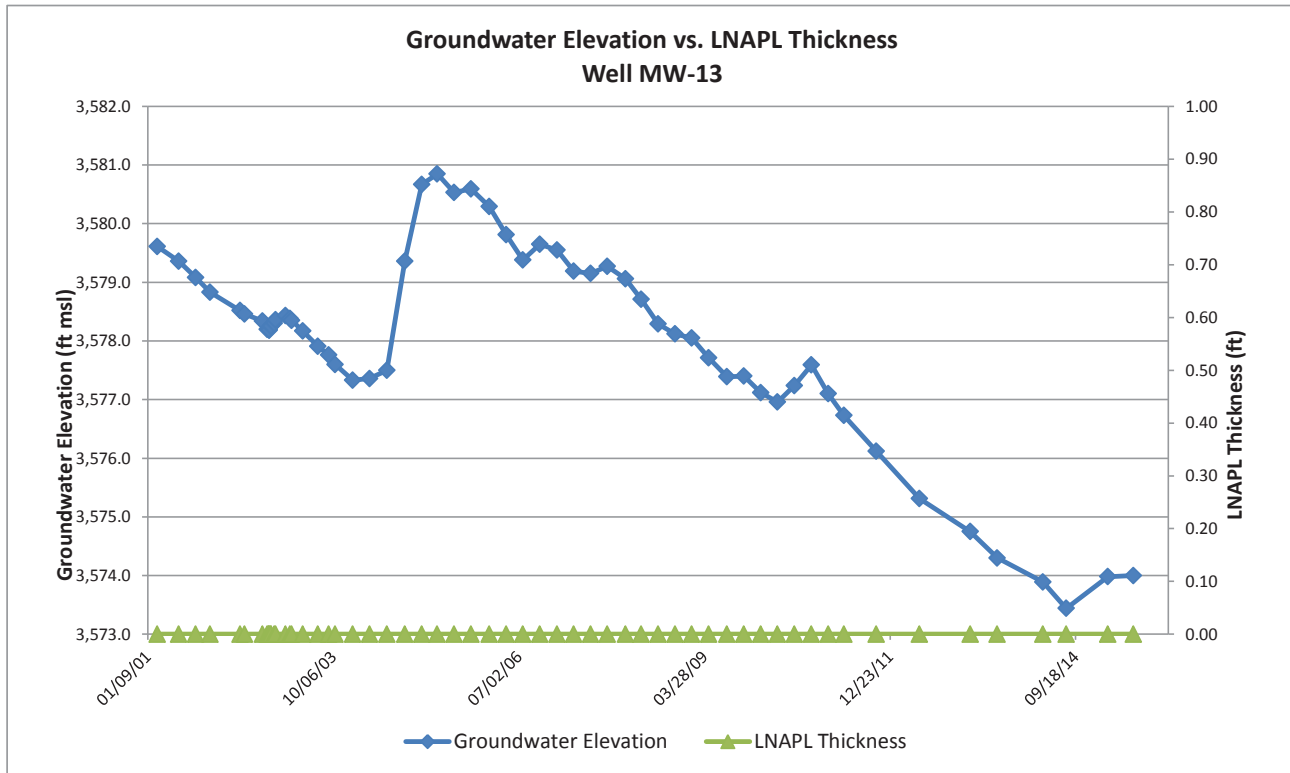
GW Elevation and LPH Thickness = Feet

Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



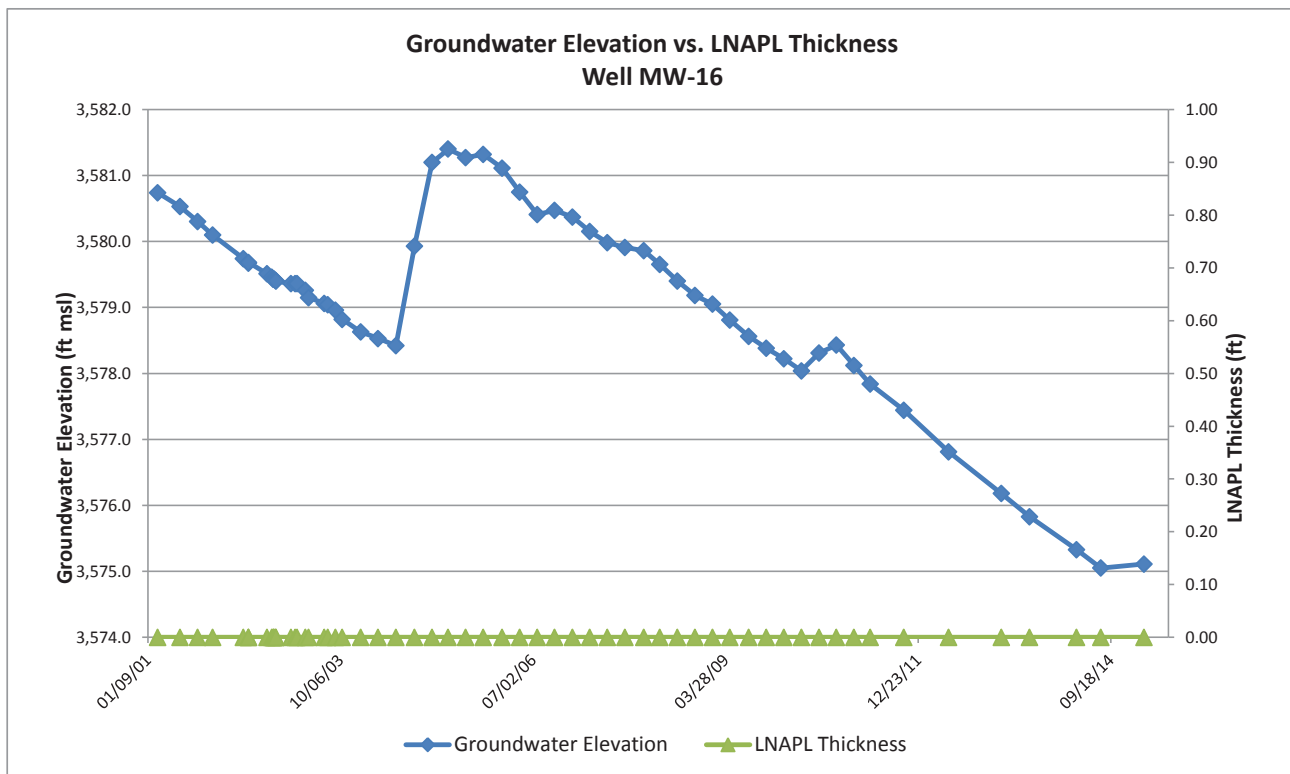
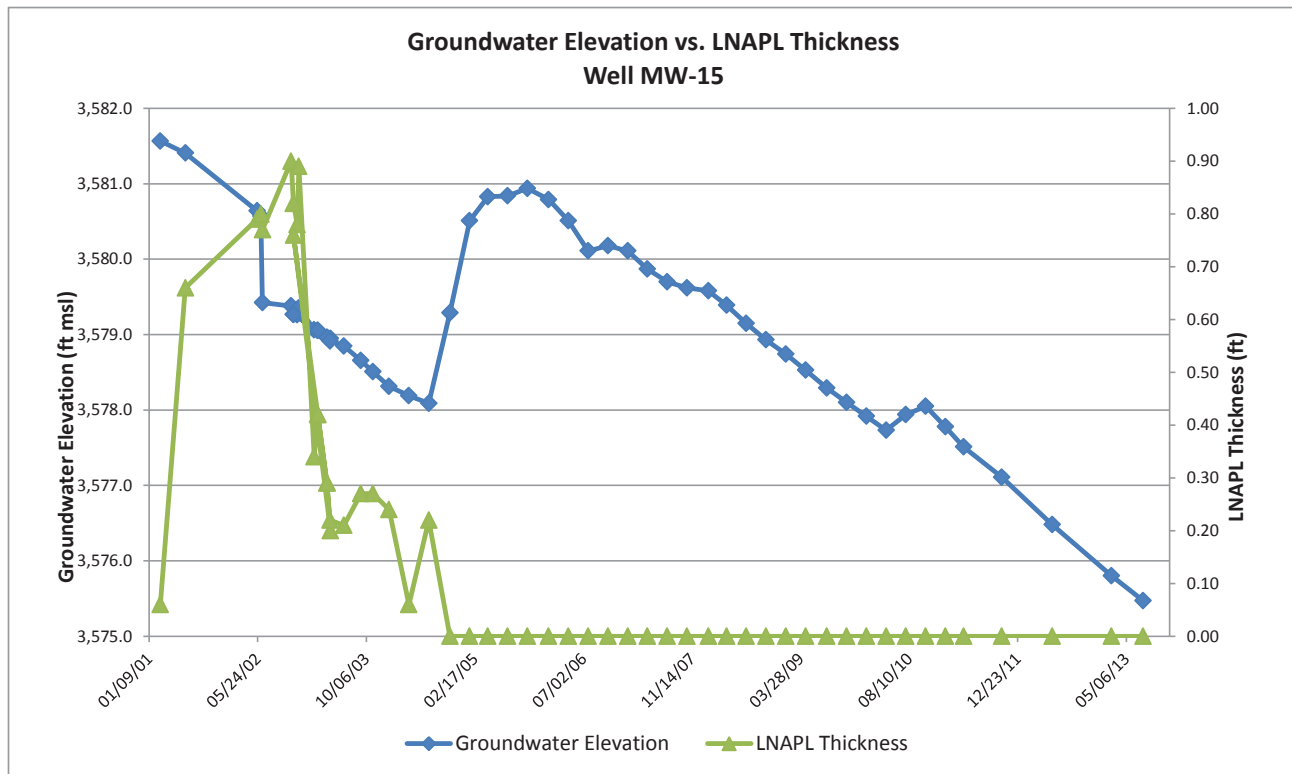
GW Elevation and LPH Thickness = Feet

Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



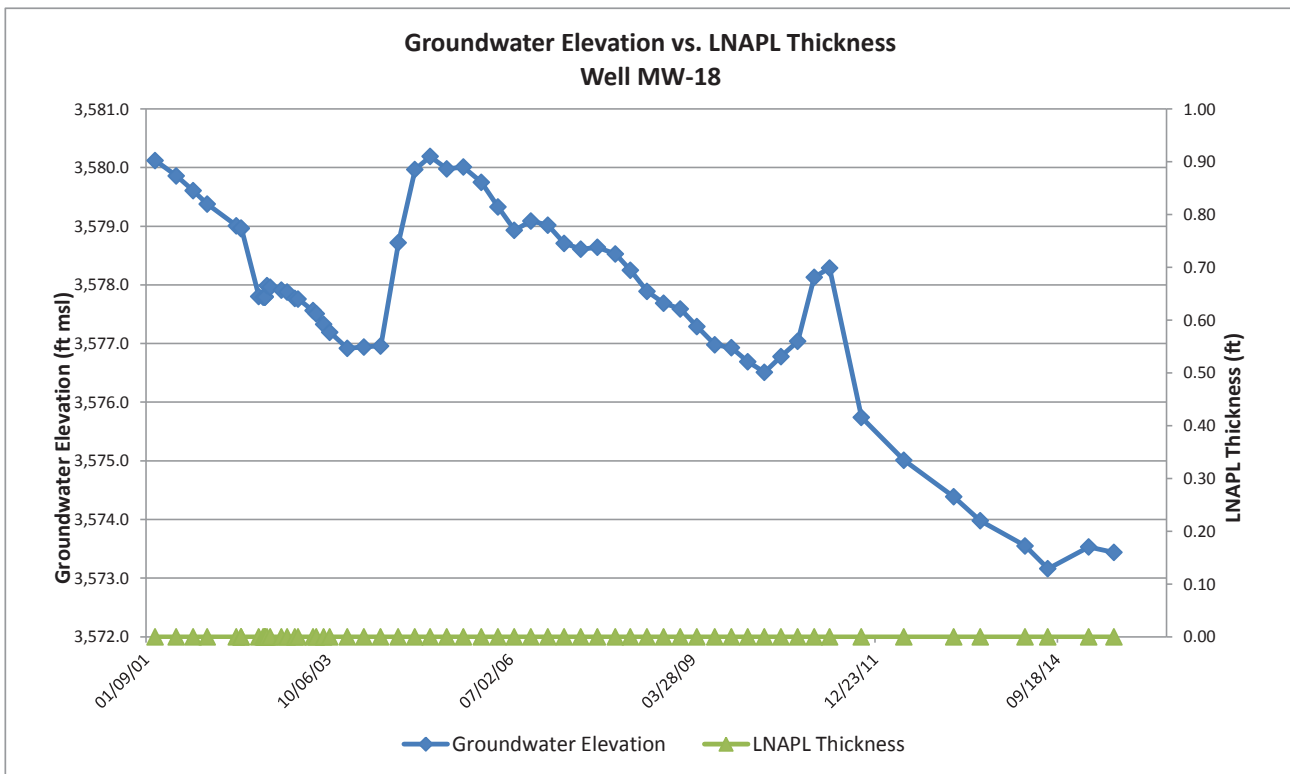
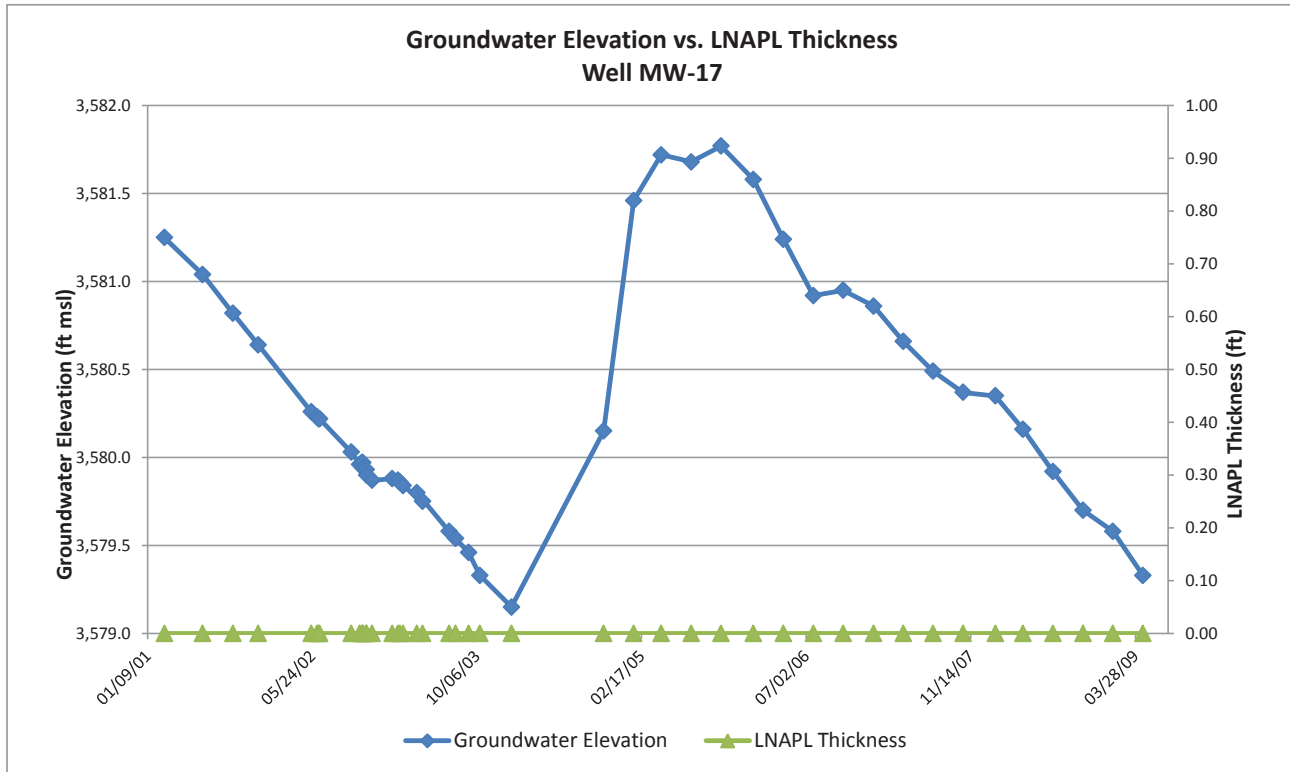
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Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



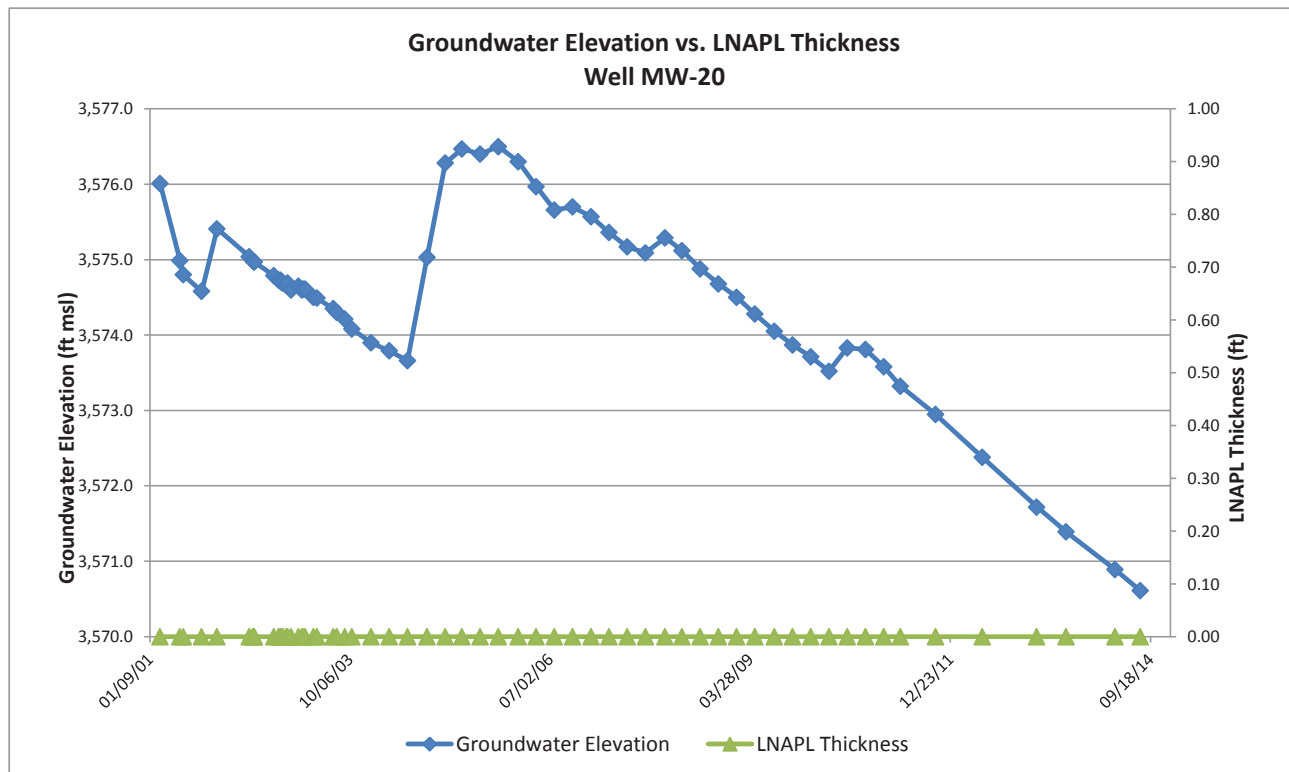
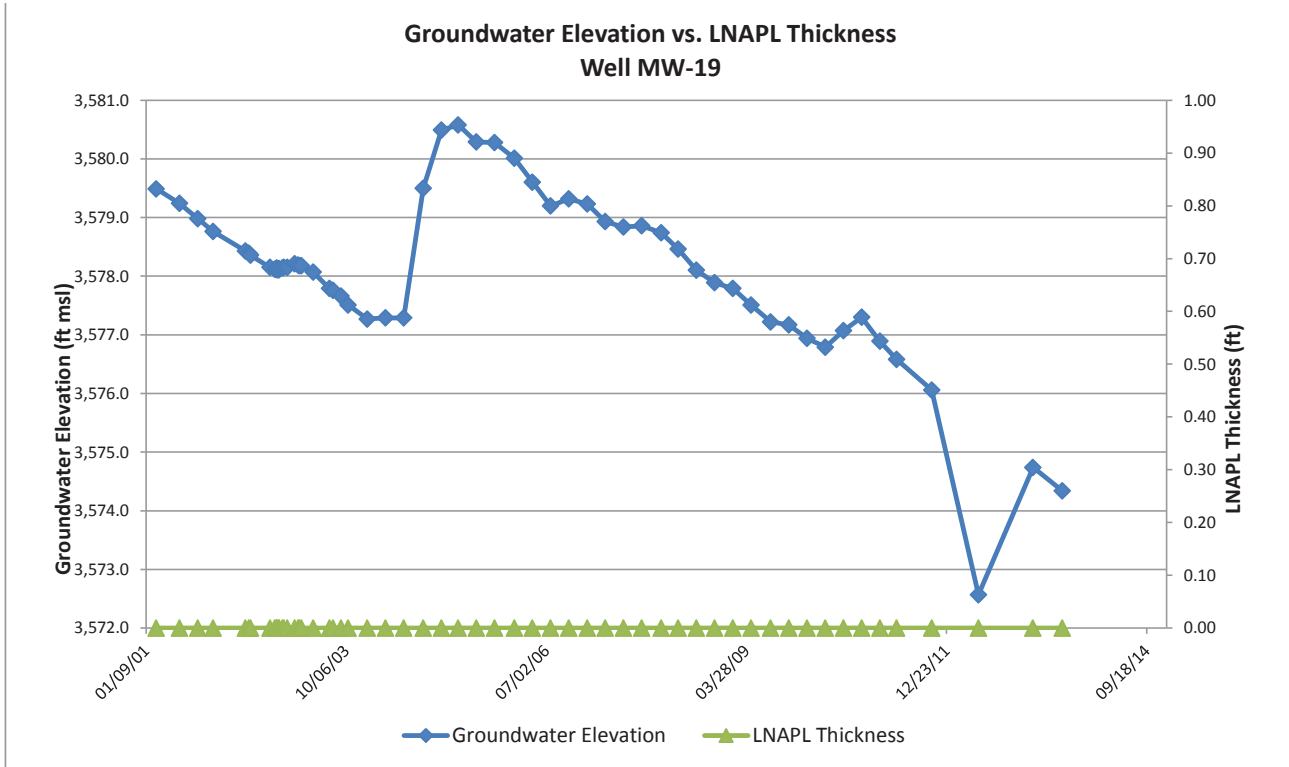
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Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



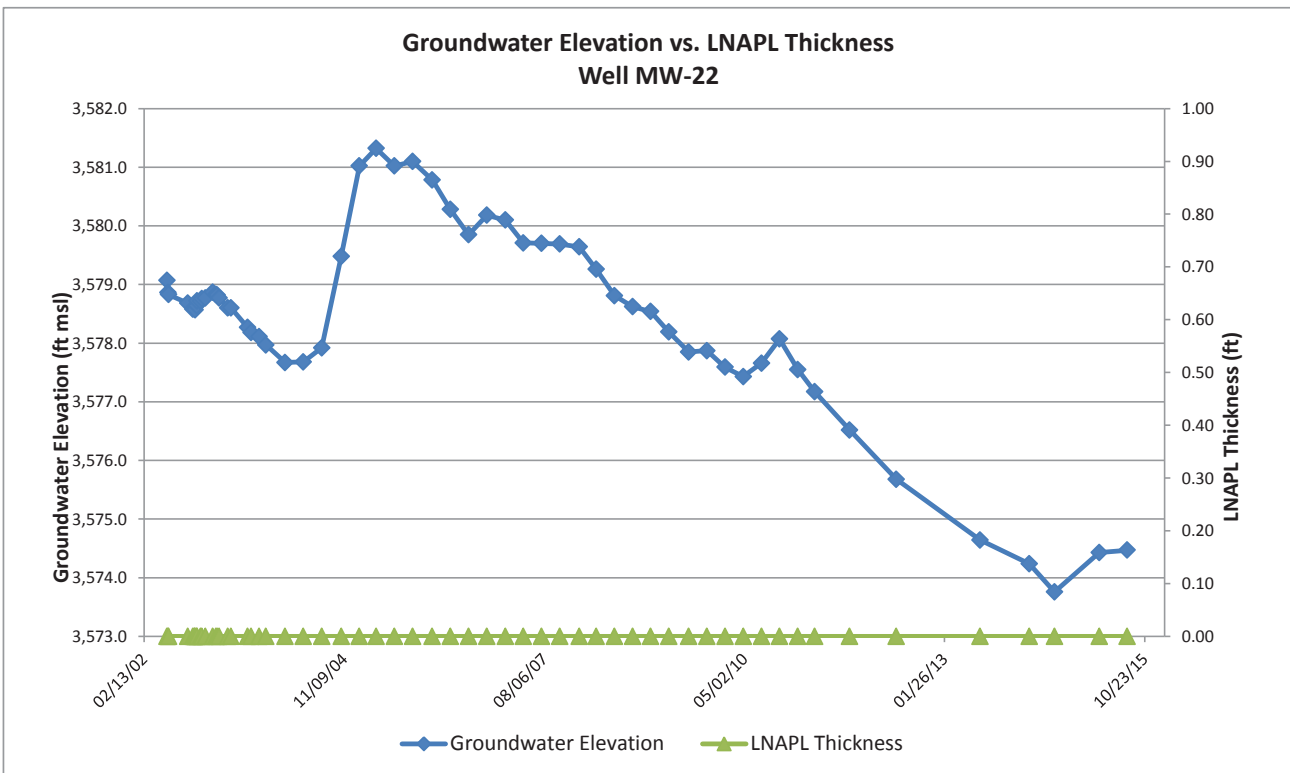
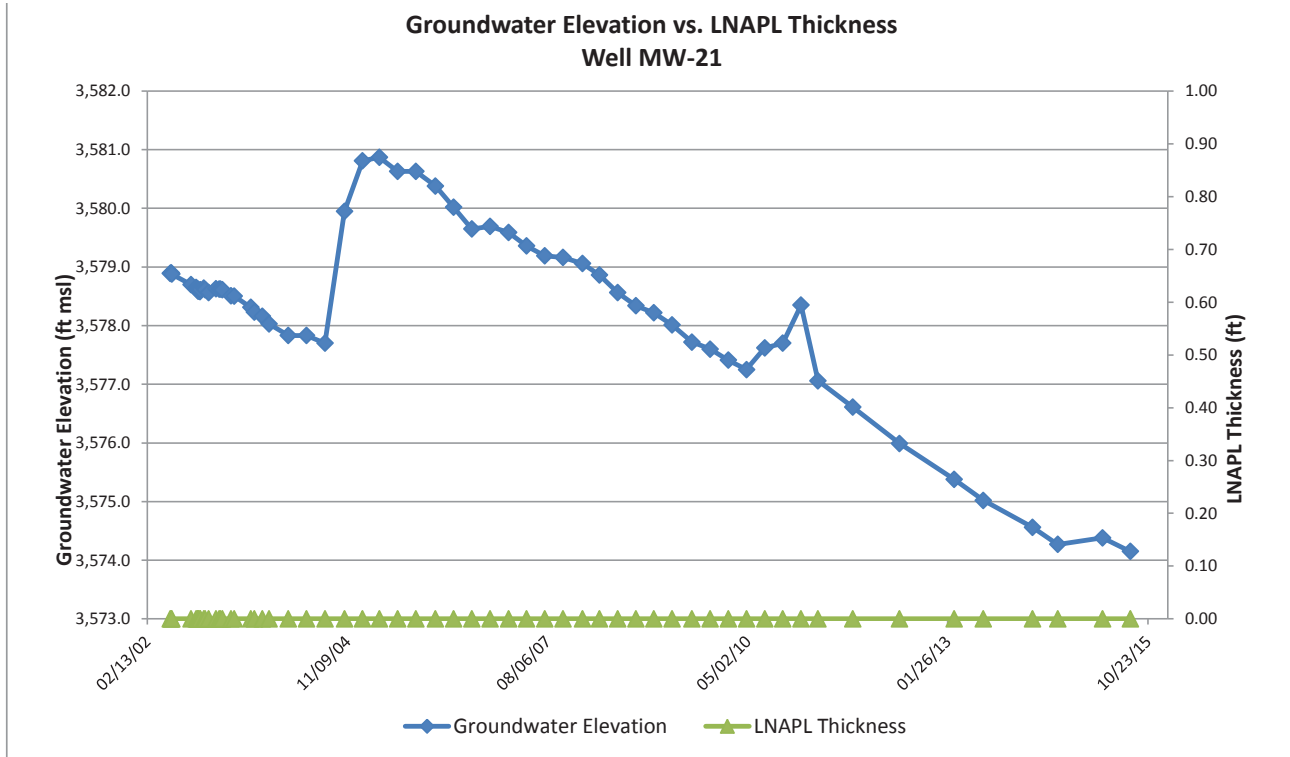
GW Elevation and LPH Thickness = Feet

Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



GW Elevation and LPH Thickness = Feet

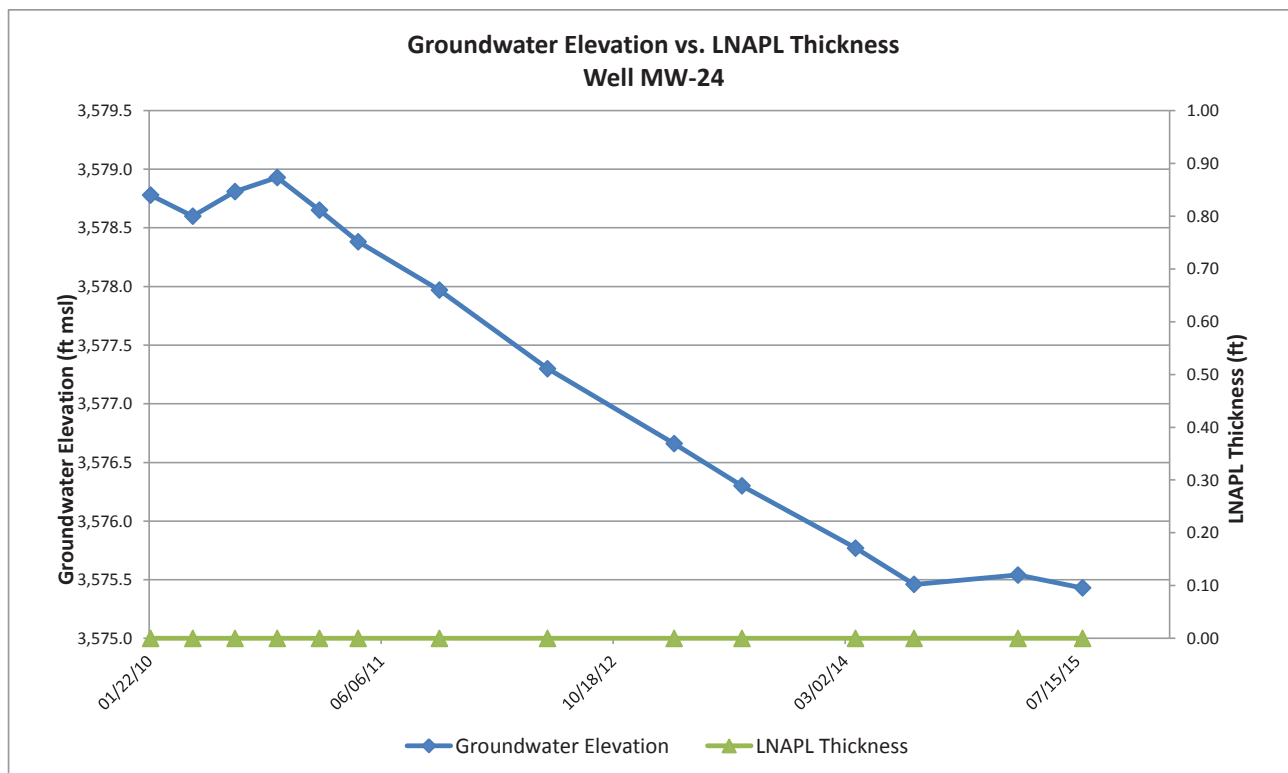
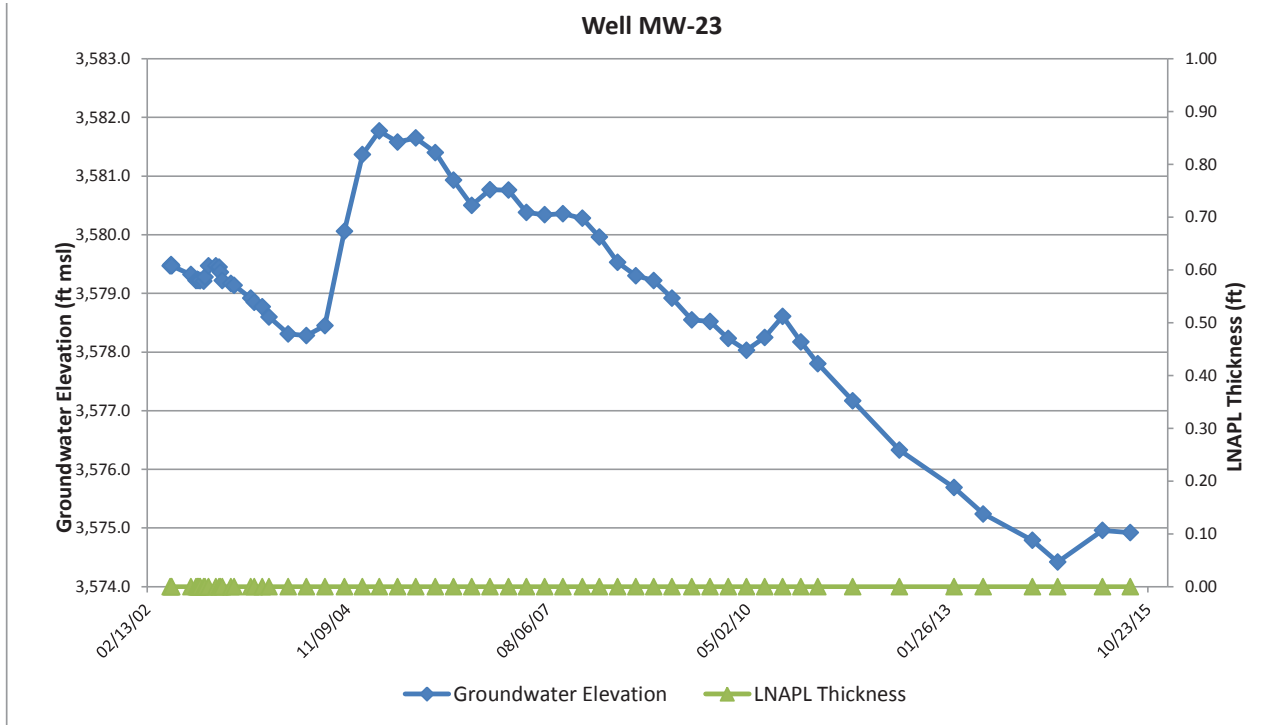
**Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico**



Groundwater Elevation vs. LNAPL Thickness

GW Elevation and LPH Thickness = Feet

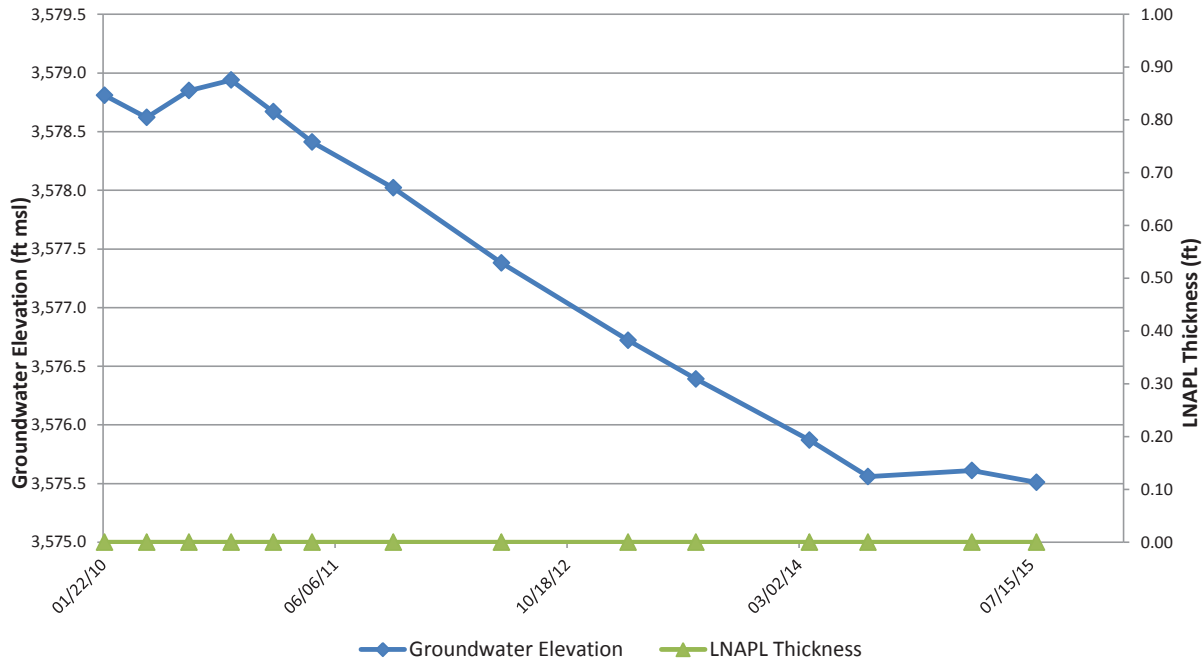
Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico



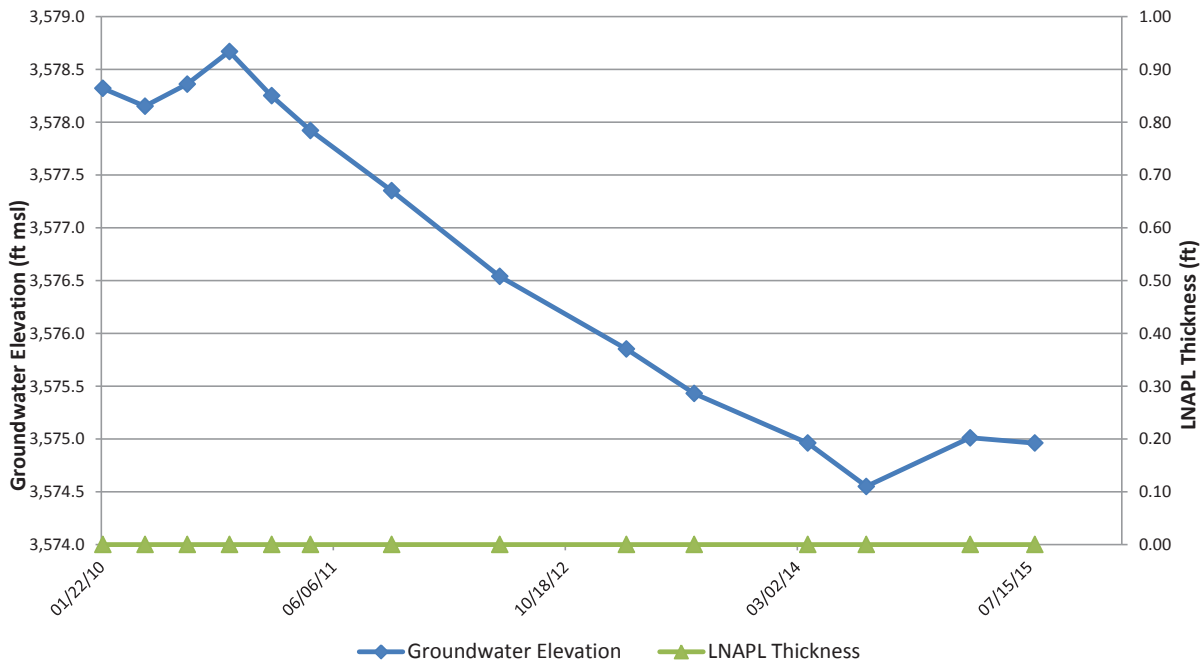
GW Elevation and LPH Thickness = Feet

Hydrographs
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

**Groundwater Elevation vs. LNAPL Thickness
Well MW-25**



**Groundwater Elevation vs. LNAPL Thickness
Well MW-26**

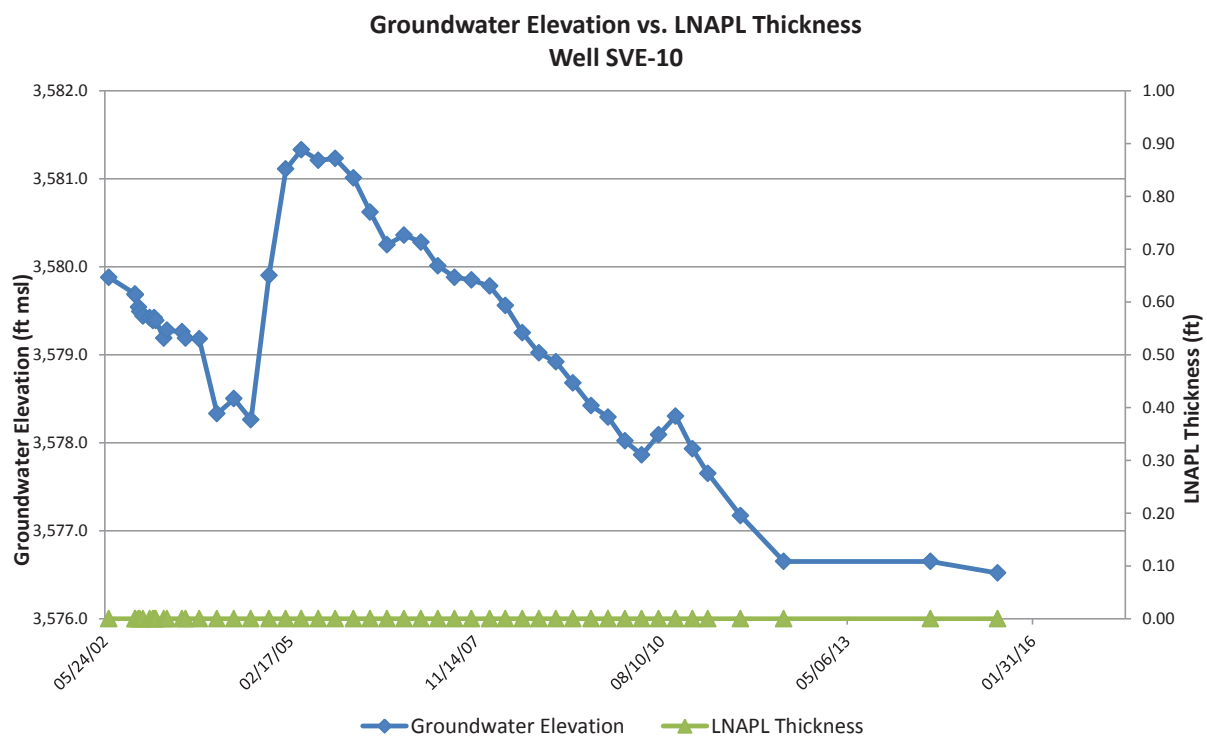
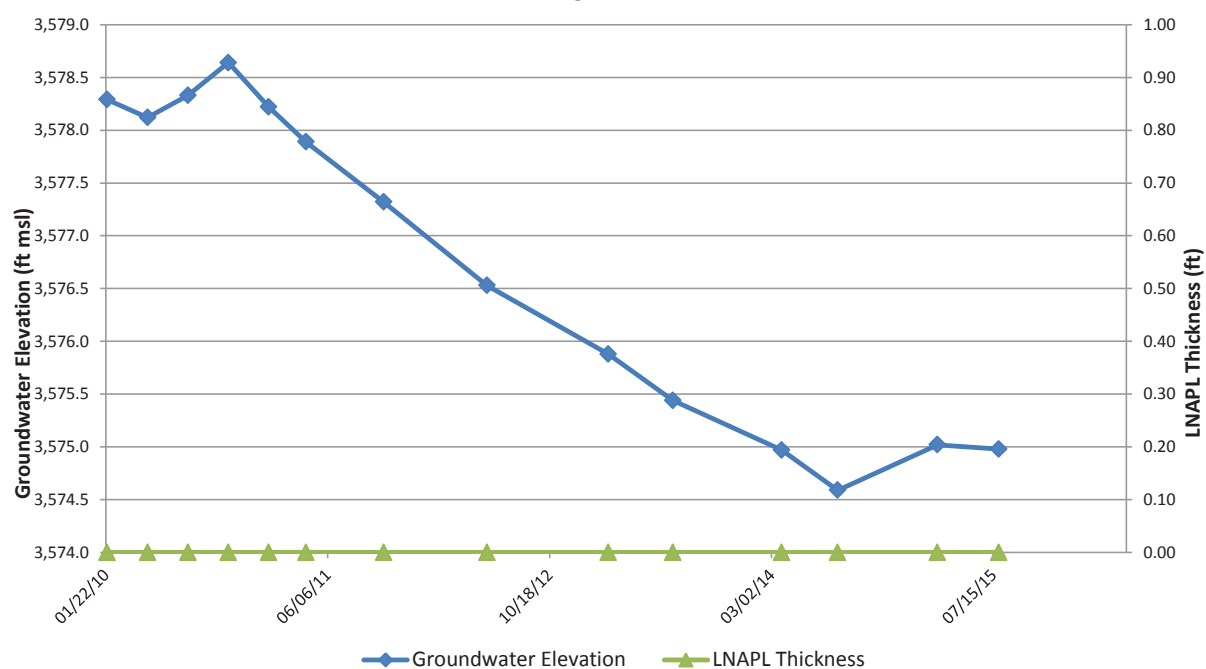


Groundwater Elevation vs. LNAPL Thickness

GW Elevation and LPH Thickness = Feet

GROUNDWATER ELEVATION VS. LAYER THICKNESS

Well MW-27



GHD 075016 (10)

Appendix C

Mobile Dual Phase Extraction (MDPE)

Report – 2015



Alliance

3233 W 11th St #1000
Houston, TX 77008
713-863-0000 PH
713-863-1004 FAX

INVOICE

DATE: 03/16/15 DUE DATE NET 60 DAYS

INVOICE 950 - 6281 JOB # 15010-1

PO # 40-76061 LPST#

BILLED TO Conestoga Rovers & Associates, Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS 2055 Niagara Falls Blvd., Ste. 3 1755 Wittington Place, Suite 500

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 8 hr MDPE

24-Feb-15

LINE ITEMS:	<u>DESCRIPTION</u>	<u>TOTAL</u>
	<u>MDPE Equipment and Personnel</u>	<u>\$3,600.00</u>
	<u>MOB</u>	<u>\$1,850.00</u>
	<u>Tedlar Bags</u>	<u>\$48.00</u>
	<u></u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>

SUBTOTAL \$ 5,498.00

TAX

TOTAL \$ 5,498.00

INVOICE WORKSHEET

DATE: 16-Mar-15

DEPT 950

W/O # _____

JOB # 15010-1

PO # 40-76061

BILLED TO Conestoga Rovers & Associates, Inc.

ATTN: Accounts Payable CC: Moshqan Mansoori

ADDRESS	2055 Niagara Falls Blvd., Ste. 3	1755 Wittington Place, Suite 500
---------	----------------------------------	----------------------------------

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME	P66 East Hobbs Junction
-----------	-------------------------

ADDRESS	Hobbs, New Mexico
---------	-------------------

SCOPE OF WORK: 8 hr MDPE

24-Feb-15

DESCRIPTION

TOTAL

MDPE Equipment and Personnel	\$ 3,600.00
------------------------------	-------------

MOB	\$ 1,850.00
-----	-------------

Tedlar Bags	\$ 48.00
-------------	----------

...the ...

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	Mean	SD	95% CI
Age at baseline	60.7	8.1	(54.6-66.8)
Female sex	50.0	50.0	(40.0-60.0)
Married	50.0	50.0	(40.0-60.0)
White ethnicity	50.0	50.0	(40.0-60.0)
High education	50.0	50.0	(40.0-60.0)
High income	50.0	50.0	(40.0-60.0)
Smoking status	50.0	50.0	(40.0-60.0)
Alcohol consumption	50.0	50.0	(40.0-60.0)
Physical activity	50.0	50.0	(40.0-60.0)
Depression	50.0	50.0	(40.0-60.0)
Stress	50.0	50.0	(40.0-60.0)
Social support	50.0	50.0	(40.0-60.0)
Health status	50.0	50.0	(40.0-60.0)
Mortality rate	50.0	50.0	(40.0-60.0)

SUBTOTAL	\$ 5,498.00
-----------------	-------------

TAX

TOTAL _____

SPECIAL INSTRUCTIONS:

Alliance Maintenance & Services, Inc.
713-863-0000 ext. 102
3233 West 11th Street, Suite 1000
Houston, Texas 77008

Approval Authorization
for MDPE Event

Client Address Conestoga-Rovers Associates
 Moshghan Mansoori
 1755 Wittington Place, Suite 500
 Dallas, Texas 75234

Client Project Number

AMS Project Number 15010-1

Facility Address see map

Facility Name P66 East Hobbs Junction

Start Date 23 February 2015

Field Contact Denver Lake 281-830-2784 Alliance Maintenance & Services, Inc.

Scope: Mobile Enhanced Vacuum Recovery (EVR) or Mobile Dual Phase Extraction

Alliance will provide all necessary equipment and personnel required to perform EVR or MDPE on the following wells:

Extraction Wells

See work order

- Number of hours in operation **2 – 8 hrs**
- Alliance to provide holding tank
- CRA to coordinate fluid pick up
- Alliance will gage wells prior to, and after event.
- Alliance will take influent vapor and/or effluent vapor samples upon request.
- \$1350.00 Field Personnel
- \$2250.00 DPE Equipment
- \$1850.00 MOB
- \$12.00/each Tedlar Bags (7)
- Direct Bill waste
- Direct Bill Lab ??

Beginning	1 influent TPH + Effluents (BTEX/TPH)
Midpoint	1 influent TPH/BTEX
Ending	1 influent TPH

Accepted by: CRA
(Company Name)

Moshghan Mansoori [Signature] 2-19-15
(Printed Name) (Signature) (Date)



March 16, 2015

Ms. Moshghan Mansoori
Conestoga-Rovers Associates
2270 Spring Lake Road, Suite 800
Dallas, Texas 75234

**Re: Mobile Enhanced Vacuum Recovery (EVR)
Event # 1**

Facility Name:	P66 East Hobbs Junction
Facility Address:	Hobbs, New Mexico
Date of Service:	February 24, 2015
Estimate of product in liquid form:	3 Gallons (19 pounds)
Estimate of product in vapor form:	21 Gallons (132 pounds)
Estimate of total fluids removed:	1279 Gallons
TOTAL PRODUCT (VAPOR AND LIQUID)	<u>24 Gallons and 151 pounds</u>

Dear Ms. Mansoori:

In response to your Request for Services, Alliance Maintenance & Services, Inc. performed one 8 hr Mobile Dual Phase Extraction (MDPE) event at the above referenced site on February 24, 2015. Below freezing temperatures hindered the water flow for the first attempt on 2/23/15. The MDPE event was conducted using the OXY-VAC system of vacuum pumps with a thermal oxidizer having destruction efficiency rating of 99.9 percent. This letter serves to report on field activities and the results of the MDPE event.

The MDPE event began with measuring the depths to water and phase-separated hydrocarbons (PSH) in monitoring wells using an interface probe. Groundwater measurements, before and after the event, can be found in Table 1. Two wells (MW-4 and MW-6) not containing PSH or too distant from extraction wells was sealed to measure vacuum or pressure during event. The extraction wells (MW-1, MW-2, MW-3, & MW-9) were fitted with a wellhead adapter and vacuum drop tubes. The drop tubes are used to remove fluids from the well and are placed in the known smear zone or the PSH-air interface measured at the beginning of field activities. Vacuum hoses are attached between the vacuum pumps and the well head adapters and monitored via gauges mounted on the well adapters. Vacuum and flow are adjusted to optimally remove PSH and vapor from the extraction wells. Equipment parameters are presented in Table 2. Influent and effluent contaminant concentrations are recorded at regular intervals during the MDPE event. These field parameters are presented in Table 3. The vacuum and/or pressure in each monitored well are also measured at regular intervals; those readings are presented in Table 4. Table 5 presents an MDPE event summary that includes the amount of vapor, PSH and total fluids removed during the event.

Alliance Maintenance & Services, Inc.

3233 W. 11th, Suite 1000 • Houston, Texas 77008 • 713-863-0000 • 713-863-1004 Fax

At the P66 East Hobbs Junction site, approximately 1279 gallons of total fluids were removed from the wells at the site including 3 gallons (19 pounds) in liquid form and 21 gallons (132 pounds) vapor form hydrocarbons.

During the field activities, there were four wells (MW-1, MW-2, MW-3 & MW-9) with an accumulated thickness of 1.04 feet PSH. The well names and fluid levels are noted in Table 1.

Although best efforts are used in field sampling and testing, controlled laboratory testing is the most accurate method of determining contaminant concentrations in air and fluids removed from the extraction wells. Alliance uses vapor sample results and a formula recommended by the TCEQ to convert vapor concentrations to liquid volume.

We appreciate the opportunity to be of service to Conestoga-Rovers Associates. If you have any questions regarding the data included herein, please contact me at 713-863-0000, extension 102. I look forward to working with you on the next MDPE project.

Sincerely,



Leslie Loveless

Alliance Maintenance & Services, Inc.

Depths to Groundwater
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction		Event Date	24-Feb-15	
Facility Address	Hobbs, NM		Project Number	15010-1	

TIME:	Before Start of Event			End of Event				End of Event	
	Well ID #	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness	Stinger Depth	Depth to PSH from TOC.	PSH. Thickness	Water Ending Difference	PSH. Ending Difference
MW-1	30.48	31.41	0.93		32.50	30.91	0.22	-0.50	-0.71
MW-2	31.69	31.75	0.06		32.50	31.69	0.00	-0.06	-0.06
MW-3	30.95	30.98	0.03		31.50	31.16	0.00	0.18	-0.03
MW-4		31.49	0.00			31.51	0.00	0.02	0.00
MW-5		30.63	0.00			30.66	0.00	0.03	0.00
MW-6		31.12	0.00			31.13	0.00	0.01	0.00
MW-9	32.34	32.36	0.02		34.00	32.51	0.00	0.15	-0.02

Table 2
Equipment Operation
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction				Event Date		24-Feb-15		LPST #	
Facility Address		Hobbs, NM				Event Number		15010-1		Facility ID	
Test Time	Thermox			Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure	Therm-Ox Burn Temp	External Fuel Use % of Tank	External Fuel Use % of Tank		
24 hr. Clock	Hr. meter			Degrees F	Inches Hg	Inches WC	Fahrenheit	Propane#1	Propane#2		
8:30								80%			
9:30				34	20.0	1.72	1418	78%			
10:30				37	20.0	2.14	1423	76%			
11:30				39	20.0	2.31	1416	74%			
12:30				42	20.0	2.63	1419	71%			
13:30				43	20.0	2.88	1415	67%			
14:30				42	20.0	2.92	1418	64%			
15:30				40	20.0	3.26	1411	61%			
16:30				37	20.0	3.59	1414	58%			
Average per Hr.				39.25	20.00	2.68	1416.75	22%			
				271.90							

observed

Start Time	Shut Down Time	Thermox Run Time
8:30	16:30	8 hrs

Cumulative Run Time 8 hrs

Table 3
Field Parameters
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction		Event Date		24-Feb-15		LPST #		0	
Facility Address		Hobbs, NM		Event Number		15010-1		Facility ID		0	
Test Time		Test Wells at Sample Ports ((PPM) at well head))									
		MW-1		MW-2		MW-3		MW-9			
		PPM	CO2-%	02-%	PPM	CO2-%	02-%	PPM	CO2-%	02-%	
24 hr. Clock											
8:30		50,000			50,000			50,000			
9:30		50,000			50,000			50,000			
10:30		50,000			50,000			50,000			
11:30		50,000			50,000			50,000			
12:30		50,000			50,000			50,000			
13:30		50,000			50,000			50,000			
14:30		50,000			50,000			50,000			
15:30		50,000			50,000			50,000			
16:30		50,000			50,000			50,000			
MicroFID maximum detection limit is 50,000 ppm. Entries noted as 50,000 represent recordings in excess of maximum detection limits.											
3											
1,279											
Average PPM, All Event Wells											

Table 4
Monitor Well Vacuum/Pressure Over Time
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	24-Feb-15	LPST #	0
Facility Address	Hobbs, NM	Event Number	15010-1	Facility ID	0

OBSERVED WELL VACUUM ("WC)

Time	MW-4	MW-6
8:30	0.00	0.00
9:30	0.00	0.00
10:30	0.00	0.00
11:30	0.00	0.00
12:30	0.00	0.00
13:30	0.00	0.00
14:30	0.00	0.00
15:30	0.00	0.00
16:30	0.00	0.00

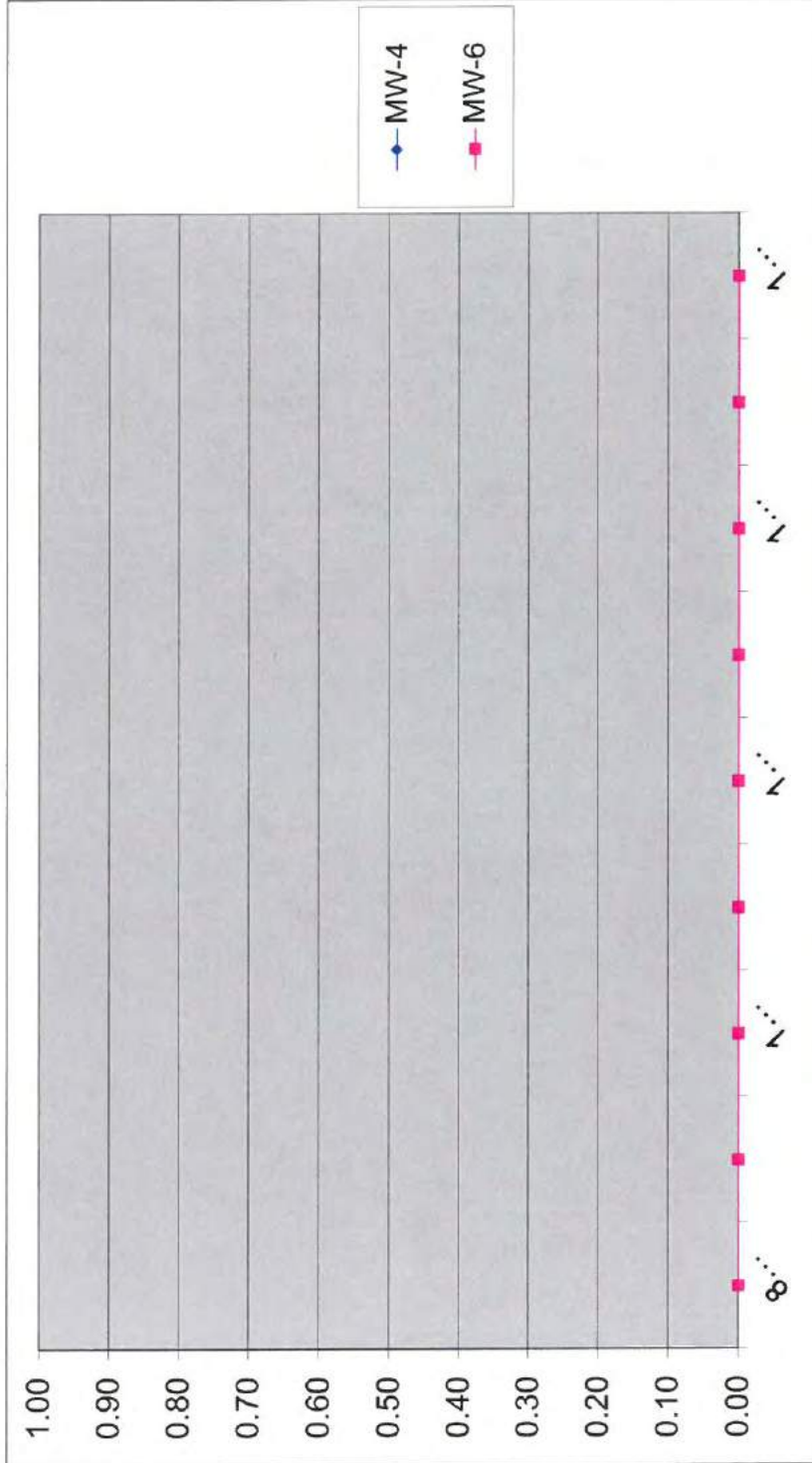


Table 5
Dual Phase Extraction Day Event Summary
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction		Event Date		24-Feb-15		LPST #		0		Product Type Removed	
Facility Address		Hobbs, NM		Event Number		15010-1		Facility ID		0		Gasoline	
Test or Read Time	Thermox	Influent Temp	Influent Pressure	Diff Pressure	Thermox Temp	Conversion TPH spmv to lb/hr	Average PPM, All E / Wells	Vapor Removal Rate	Barometric Pressure & Temperature	Total Fuel Pumped (Siphoned)	Total Fuel Removal Field Tests	Total Water Removed	Effluent Sample
24 hr. M Time	In. water	Degree F	Inches Hg	Inches WC	Fahrenheit	TPH	PPM	Lbs./Hr./CFM	Inches Hg. Fahrenheit	Gal/hr	Gal/hr	Gal in Tank	PPM
9:30	-	34	20	2	1,418	1.75E-05	50,000		-	-	-	128	-
10:30	-	37	20	2	1,423	1.75E-05	50,000		-	-	-	264	-
11:30	-	39	20	2	1,416	1.75E-05	50,000		-	-	-	364	-
12:30	-	42	20	3	1,419	1.75E-05	50,000		-	-	-	543	-
13:30	-	43	20	3	1,415	1.75E-05	50,000		-	-	-	719	-
14:30	-	42	20	3	1,418	1.75E-05	50,000		-	-	-	952	-
15:30	-	40	20	3	1,411	1.75E-05	50,000		-	-	-	1,114	-
16:30	-	37	20	4	1,414	1.75E-05	50,000		-	-	-	1,279	-
Average/Hr.	8	39.26	20.00	2.66	1416.75		50000.00			3	-	1,279	-
Removed Water Stored in Poly Tank												1279	

Executed By:	Alliance Maintenance & Services Inc.
Equipment Operated By:	Denver Lake & Cesar Garcia
Field Testing By:	Denver Lake & Cesar Garcia

Abbreviations	
MLV - Maximum	LB/LB = Pounds
Hg - Mercury	Gal - Gallon
WC - Water Column	ft - Feet
CFM - Cubic Feet Minute	Min - Minute
PPM - Parts per Million	

Vapor Phase Product Removed Using Laboratory Data	
132	Average Pounds Vapor Phase per 3 Hour Event
21	Average Gallons Vapor Phase per 12 Hour Event
3	Gallons Liquid Phase Hydrocarbons recovered in tank
19	Pounds Liquid Phase Hydrocarbons recovered in tank
24	Total Gallons Hydrocarbons Removed
151	Total Pounds Hydrocarbons Removed

ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction

Pace Project No.: 60188685

Sample: 075016-022415-mt-INF1		Lab ID: 60188686001	Collected: 02/24/15 09:30	Received: 02/26/15 11:45	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	528	ppmv	10.0	100		02/26/15 18:18	71-43-2	
Ethylbenzene	21.7	ppmv	10.0	100		02/26/15 18:18	100-41-4	
Methyl-tert-butyl ether	213	ppmv	10.0	100		02/26/15 18:18	1634-04-4	
THC as Gas	37800	ppmv	100	100		02/26/15 18:18		E
Toluene	87.5	ppmv	10.0	100		02/26/15 18:18	108-88-3	
m&p-Xylene	41.9	ppmv	20.0	100		02/26/15 18:18	179601-23-1	
o-Xylene	15.6	ppmv	10.0	100		02/26/15 18:18	95-47-6	

^
 39.25°F
 271.90 hwc
 2.68 hwcOP
 34.95 scfm

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction

Pace Project No.: 60188686

Sample: 075016-022415-mt-INF2		Lab ID: 60188686002	Collected: 02/24/15 12:30		Received: 02/26/15 11:45		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	519	ppmv	10.0	100		02/26/15 18:32	71-43-2	
Ethylbenzene	30.4	ppmv	10.0	100		02/26/15 18:32	100-41-4	
Methyl-tert-butyl ether	204	ppmv	10.0	100		02/26/15 18:32	1634-04-4	
THC as Gas	37500	ppmv	100	100		02/26/15 18:32		E
Toluene	86.4	ppmv	10.0	100		02/26/15 18:32	108-88-3	
m&p-Xylene	49.6	ppmv	20.0	100		02/26/15 18:32	179601-23-1	
o-Xylene	28.5	ppmv	10.0	100		02/26/15 18:32	95-47-6	

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ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction

Pace Project No.: 60188686

Sample: 075016-022415-mt-INF3		Lab ID: 60188686003	Collected: 02/24/15 15:30	Received: 02/26/15 11:45	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	322	ppmv	10.0	100		02/26/15 18:47	71-43-2	
Ethylbenzene	16.1	ppmv	10.0	100		02/26/15 18:47	100-41-4	
Methyl-tert-butyl ether	117	ppmv	10.0	100		02/26/15 18:47	1634-04-4	
THC as Gas	23300	ppmv	100	100		02/26/15 18:47		E
Toluene	48.8	ppmv	10.0	100		02/26/15 18:47	108-88-3	
m&p-Xylene	40.6	ppmv	20.0	100		02/26/15 18:47	179601-23-1	
o-Xylene	31.4	ppmv	10.0	100		02/26/15 18:47	95-47-6	

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ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction

Pace Project No.: 60188686

Sample: 075016-022415-mt-EFF		Lab ID: 60188686004	Collected: 02/24/15 09:30	Received: 02/26/15 11:45	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	0.20	ppmv	0.10	1		02/26/15 17:15	71-43-2	
Ethylbenzene	ND	ppmv	0.10	1		02/26/15 17:15	100-41-4	
Methyl-tert-butyl ether	ND	ppmv	0.10	1		02/26/15 17:15	1634-04-4	
THC as Gas	1.5	ppmv	1.0	1		02/26/15 17:15		
Toluene	ND	ppmv	0.10	1		02/26/15 17:15	108-88-3	
m&p-Xylene	ND	ppmv	0.20	1		02/26/15 17:15	179601-23-1	
o-Xylene	ND	ppmv	0.10	1		02/26/15 17:15	95-47-6	

REPORT OF LABORATORY ANALYSIS

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Project: 04777 Application: Sewer

Customer Information

Name : Project Manager Date : 24 February, 2010
Company: Alliance Maintenance & Services, Inc. Phone : 713-813-1000
Address: 1273 W. 11th St., Houston, TX FAX : 713-813-1814
Lat./Long.: 28° East Middle Junction, MOBE, New Mexico Tag No. : City-Vec 1, 1, 4, 7, 88 Flow Metering Equipment
Pr. No. : No. No. :
Calculation done by : JCB / Location: Houston

Process Information

Process Type : Venturi Pipe Size : 2.0 Schedule 40
Meter Shape : Low Loss (V/Loss) ID : 2.0470 In. Wall: 0.180
Pipe Mat. : Stainless Steel Install: Horizontal
Meter Mat. : 304SS/304SS Std/Std Cnt: 80T
Flow Medium : Gas -- ALC Tag Size : 1/8 in. 80T
Beta : 0.8152 Type : Low Loss (V/Loss)
Orifice Dia. : 1.7738 in. Thread Material: Stainless Steel 304

Fluid Information

Flow Rate (Qd) : MGD: 14.95	NORMAL: 100.00	MAX: 200.00	OPT: min
Temperature (Tamb) : 71°F	NORMAL: 29.25	MAX: 29.25	F
Sp. Grav (SG) : 1.0000	NORMAL: 1.0000	MAX: 1.0000	
Density (RD) : 0.7100	NORMAL: 0.0056	MAX: 0.0056	lbs/ft³
Pressure (Pamb) : 14.71 PSIA	NORMAL: -271.40	MAX: -271.40	in of H2O @
Viscosity : 0.010210 Cp	Opt/Vr (Spec. Unit Ratio): 1.40		
Molecular Weight : 28.8600	Compressibility: 1.0000		

Selected Model

Description : Low Loss (V/Loss) 304 Stainless Steel Venturi
Model Number : V-200-18-80T

Flow Equation & Parameters

Flow Formula Qd = (1.0775 * Qd(22)^(1/2) * sqrt((C2 * K * S * D1^2 * D2 * Rn * Fm * Y * Fga * Fpb * Ftd * Fv * Fga

Delta Corr. Factor (Qd) : 0.00000000	Flow Flow Coeff. (Qd) : 0.0000
Pipe Diam. (Qd) : 2.0470	Thermal Expansion Factor (T) : 0.0000
Compress. Factor (P) : 1.0000	Pressure Base Factor (P) : 1.0000
Temp. Base Factor : 1.0000	Specific Gravity Factor (SG) : 1.0000

Flowing Pressure (P) : PSIA : MGD: 0.0000	NORMAL: 0.0000	MAX: 0.0000
Reynolds Number (Re) : MGD: 24470	NORMAL: 76121	MAX: 101241
Reynolds Factor (P) : MGD: 0.0000	NORMAL: 0.0000	MAX: 0.0000
Gas Expansion Factor (T) : MGD: 1.0000	NORMAL: 1.0000	MAX: 1.0000
Flow Temperature Factor (T) : MGD: 1.0000	NORMAL: 1.0000	MAX: 1.0000

Calculation Results

Flow Rate (Qd) : MGD: 14.9500	NORMAL: 100.0000	MAX: 200.0000	OPT: min
Flow Coefficient (T) : MGD: 0.0000	NORMAL: 0.0000	MAX: 0.0000	
Diff. Pressure (P) : MGD: 0.0000	NORMAL: 0.0000	MAX: 0.0000	in of H2O

The accuracy of V/Loss device calculated as accordance with ISO 9129 recommendations is +/- 1 percent uncertainty.
Coefficient of discharge subject to correction for Reynolds number dependency, is +/- 1.5 percent coefficient.

NOTES

Low Reynolds No. at Min. Flow
See Pressure Loss = 2.5728 in of H2O @ 14.95 GPM
Accuracy: +/- 1% at Min. Flow
Beta = 0.8152

Table 6

Alliance Maintenance & Services, Inc.

Calculated Vapor Concentration from Laboratory Data

Facility Name	P66 East Hobbs Junction		Event Date	24-Feb-15	
Facility Address	Hobbs, NM		Event Number	15010-1	
Lab Name	Pace Analytical		Lab Name	Pace Analytical	
One hour from beginning	Time	Results	Units	Time	Results
	9:30		ugl	9:30	37800 ppmv
Midway through event	12:30		ugl	12:30	37500 ppmv
One hour prior to ending	15:30		ugl	15:30	23300 ppmv
Average Well Flow SCFM			34.95		28.62
Average Lab results					32866.67
ugl X 28.32 liters per cubic foot	equals	ug/cu.ft.		28.62	Well Flow
ug/cubic foot X average SCFM	equals	ug/minute		32866.6667	Average Lab Results
ug/minute /1,000,000,000	equals	kg/minute		16.474448	lbs per hour
kg/minute X 2.20462	equals	pounds/minute		131.795584	lbs per 8 hour event
pounds/minute X 480 minutes	equals	lbs per 8 hour event			
pound per 8 hours/6.25 lb/gallon	equals	gallons/8 hour event			
0	ug/cu.ft.				
34.95	average SCFM				
0	ug/min.				
0	kg/min				
0	kg/8 hours				
0	lbs/8 hours				
0	gals/8 hours				
132	Average Pounds Vapor Phase per 8 Hour Event			21,087,2934	Average Gallons Vapor Phase per 8 Hour Event



INVOICE

3233 W 11th St #1000
Houston, TX 77008
713-863-0000 PH
713-863-1004 FAX

DATE: 05/12/15

DUE DATE NTE 120 DAYS

INVOICE 950 - 6298

JOB # 15010-2

P.O. # 40-76061

CRA Job # 75016

BILLED TO Conestoga Rovers & Associates, Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS 2055 Niagara Falls Blvd., Ste. 3 1755 Wittington Place, Suite 500

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 8 hr Mobile Dual Phase Extraction Event

Date: 24-Apr-15

Event #: 2

LINE ITEMS:	DESCRIPTION	TOTAL
	MDPE Equipment and Personnel	\$3,600.00
	Tedlar Bags	\$12.00

SUBTOTAL \$ 3,612.00

TAX

TOTAL \$ 3,612.00



May 12, 2015

Ms. Moshghan Mansoori
Conestoga-Rovers Associates
2270 Spring Lake Road, Suite 800
Dallas, Texas 75234

**Re: Mobile Enhanced Vacuum Recovery (EVR)
Event # 2**

Facility Name:	P66 East Hobbs Junction
Facility Address:	Hobbs, New Mexico
Date of Service:	April 24, 2015
Estimate of product in liquid form:	1 Gallon (6 pounds)/with event 3
Estimate of product in vapor form:	8 Gallons (51 pounds)
Estimate of total fluids removed:	1462 Gallons
TOTAL PRODUCT (VAPOR AND LIQUID)	<u>9 Gallons and 57 pounds</u>

Dear Ms. Mansoori:

In response to your Request for Services, Alliance Maintenance & Services, Inc. performed one 8 hr Mobile Dual Phase Extraction (MDPE) event at the above referenced site on April 24, 2015. The MDPE event was conducted using the OXY-VAC system of vacuum pumps with a thermal oxidizer having destruction efficiency rating of 99.9 percent. This letter serves to report on field activities and the results of the MDPE event.

The MDPE event began with measuring the depths to water and phase-separated hydrocarbons (PSH) in monitoring wells using an interface probe. Groundwater measurements, before and after the event, can be found in Table 1. One well (MW-3) not containing PSH or too distant from extraction wells was sealed to measure vacuum or pressure during event. The extraction wells (MW-1, MW-2, & MW-9) were fitted with a wellhead adapter and vacuum drop tubes. The drop tubes are used to remove fluids from the well and are placed in the known smear zone or the PSH-air interface measured at the beginning of field activities. Vacuum hoses are attached between the vacuum pumps and the well head adapters and monitored via gauges mounted on the well adapters. Vacuum and flow are adjusted to optimally remove PSH and vapor from the extraction wells. Equipment parameters are presented in Table 2. Influent and effluent contaminant concentrations are recorded at regular intervals during the MDPE event. These field parameters are presented in Table 3. The vacuum and/or pressure in each monitored well are also measured at regular intervals; those readings are presented in Table 4. Table 5 presents an MDPE event summary that includes the amount of vapor, PSH and total fluids removed during the event.

Alliance Maintenance & Services, Inc.

3233 W. 11th, Suite 1000 • Houston, Texas 77008 • 713-863-0000 • 713-863-1004 Fax

At the P66 East Hobbs Junction site, approximately 1462 gallons of total fluids were removed from the wells at the site including 1 gallon (6 pounds) liquid form product and 8 gallons (51 pounds) vapor form hydrocarbons.

During the field activities, there were two wells (MW-1, & MW-2) with an accumulated thickness of 0.09 feet PSH. The well names and fluid levels are noted in Table 1.

Although best efforts are used in field sampling and testing, controlled laboratory testing is the most accurate method of determining contaminant concentrations in air and fluids removed from the extraction wells. Alliance uses vapor sample results and a formula recommended by the TCEQ to convert vapor concentrations to liquid volume.

We appreciate the opportunity to be of service to Conestoga-Rovers Associates. If you have any questions regarding the data included herein, please contact me at 713-863-0000, extension 102. I look forward to working with you on the next MDPE project.

Sincerely,



Leslie Loveless

Alliance Maintenance & Services, Inc.

Table 1

Depths to Groundwater

Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction		Event Date		24-Apr-15			
Facility Address		Hobbs, NM		Project Number		15010-2			
TIME:		Before Start of Event				End of Event			
Well ID #		Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness		Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness	Water Ending Difference
MW-1		30.84	30.91	0.07			30.93	0.00	0.02
MW-2		31.88	31.90	0.02			32.04	0.00	0.14
MW-3			31.13	0.00			31.18	0.00	0.05
MW-9			32.51	0.00			32.63	0.00	0.12
									</

Table 2
Equipment Operation
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction					Event Date		24-Apr-15		LPST #	
Facility Address	Hobbs, NM					Event Number		15010-2		Facility ID	
Test Time	Thermox			Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure		Therm-Ox. Burn Temp	External Fuel Use % of Tank	External Fuel Use % of Tank	
24 hr. Clock	Hr. meter			Degrees F	Inches Hg	Inches WC		Fahrenheit	Propane#1	Propane#2	
7:00									50%		
8:00				64	20.0	3.42		1419	50%		
9:00				66	20.0	3.54		1417	46%		
10:00				68	20.0	3.57		1413	41%		
11:00				68	20.0	3.63		1416	38%		
12:00				70	20.0	3.87		1418	33%		
13:00				72	20.0	4.04		1423	29%		
14:00				74	20.0	4.11		1416	24%		
15:00				77	20.0	4.22		1421	19%		
Average per Hr.				69.88	20.90	3.80		1417.88	31%		

observed

Start Time	Shut Down Time	Thermox Run Time
7:00	15:00	8 hrs

Cumulative Run Time 8 hrs

Table 3
Field Parameters
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction		Event Date		24-Apr-15		LPST #		0				
Facility Address		Hobbs, NM		Event Number		15015-2		Facility ID		0				
Time	Test	Test Wells at Sample Ports ((PPM) at well head))						Barometric Pressure & Temperature	Total Product Pumped (Siphoned)	Sample Accumulative Test Port	Effluent Sample	Total Fluids Removed	Average PPM- All Event Wells	
		MW-1		MW-2		MW-9								
24 hr. Clock		PPM		PPM		PPM		Inches Hg. Fahrenheit	Gal/s.	PPM	CO2-%	Gal in Tank	PPM	
7:00														
8:00		50,000		50,000		17,500			0			1,729	30,167	
9:00		50,000		50,000		15,000						0.0	38,333	
10:00		50,000		50,000		14,500						0.0	38,167	
11:00		50,000		50,000		14,000						0.0	38,000	
12:00		50,000		50,000		13,000						0.0	37,867	
13:00		50,000		50,000		12,500						0.0	37,500	
14:00		50,000		50,000		11,000						0.0	37,000	
15:00		50,000		50,000		9,500						0.0	36,500	
										1			1,462	
MicroPID maximum detection limit is 50,000 ppm. Entries noted as 50,000 represent recordings in excess of maximum detection limits.														

Notes	
6:00	On site. Open all wells. Tailgate safety meeting. Measure fluid levels in wells. Cap observation wells. Set up on extraction wells.
7:00	Start MDPE event. Calibrate instruments.
8:00	Field parameters.
9:00	Field parameters.
10:00	Field parameters.
11:00	Field parameters.
12:00	Field parameters.
13:00	Field parameters.
14:00	Field parameters. Collect influent (TPH) vapor sample for lab.
15:00	Field parameters. End MDPE event.

started with 1601 gallons

Table 4
Monitor Well Vacuum/Pressure Over Time
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	24-Apr-15	LPST #	0
Facility Address	Hobbs, NM	Event Number	15010-2	Facility ID	0

OBSERVED WELL VACUUM ("WC)

Time	MW-3
7:00	0.00
8:00	-0.24
9:00	-0.31
10:00	-0.33
11:00	-0.35
12:00	-0.34
13:00	-0.39
14:00	-0.42
15:00	-0.47

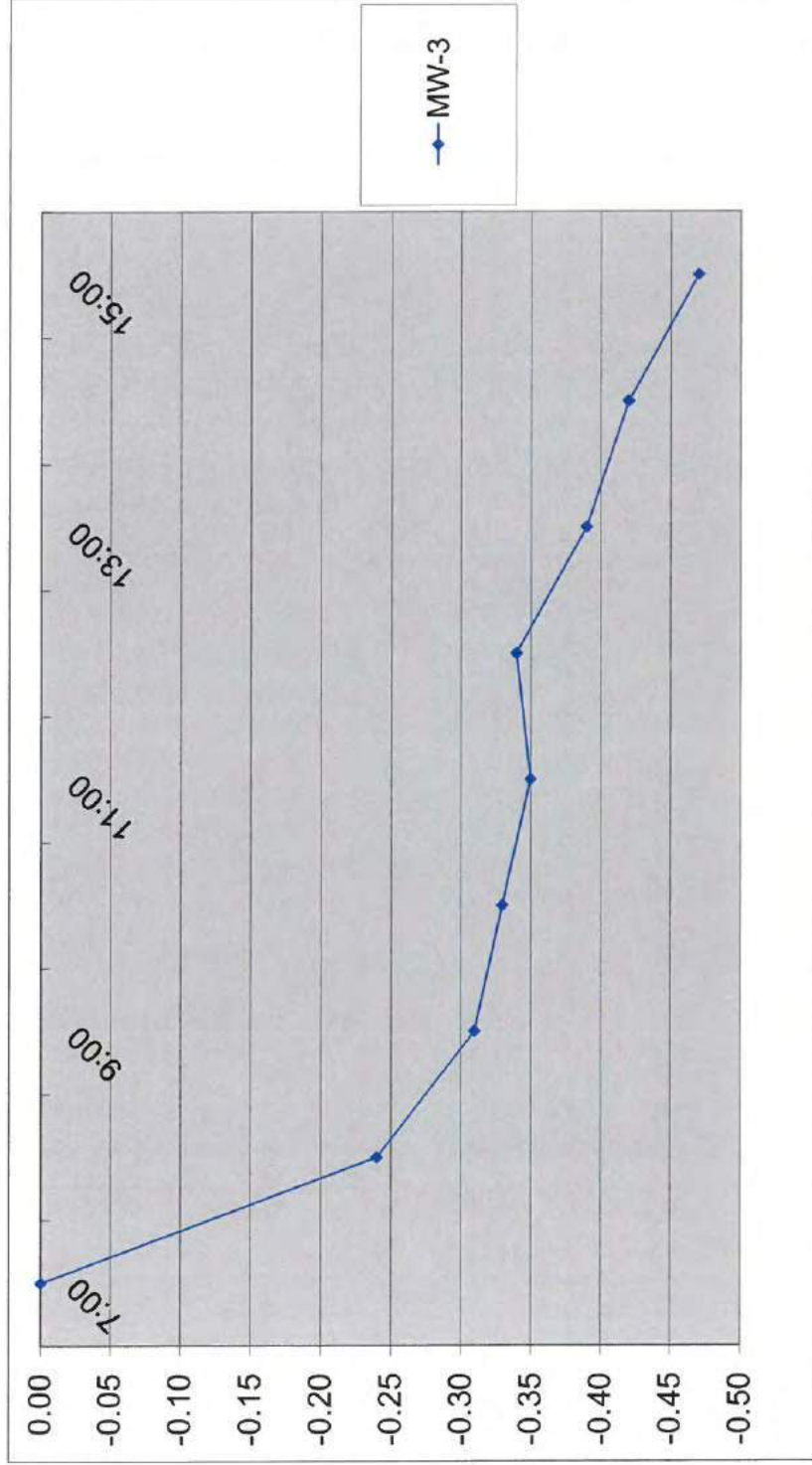


Table 5
Dual Phase Extraction Day Event Summary
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction				Event Date		24-Apr-15		LPST #		0		Product Type Removed	
Facility Address		Hobbs, NM				Event Number		15010-2		Facility ID		0		Gasoline	
Test or Read Time	Thermax 24 hr. M Time (hr. max)	Influent Vapor Temp (Degrees F)	Influent Vacuum Pressure (Inches Hg)	Boil Pressure (Inches Hg)	Therm-Ox Burn Temp (Fahrenheit)	Conversion TPH gpmv to lb/hr	Average PPM, All E / Wells	Vapor Removal Rate (Lbs./Hr-CEM)	Barometric Pressure & Temperature (Inches Hg, Fahrenheit)	Total Fuel Pumped /Siphoned (Gals.)	Total Fuel Removed Field Tests (Gals.)	Gasoline			
												Removed	Water		
8:00	-	64	20	3	1,419	1,75E-05	38,167	-	-	-	-	1,729	-		
9:00	-	66	20	4	1,417	1,75E-05	38,333	-	-	-	-	1,853	-		
10:00	-	68	20	4	1,413	1,75E-05	38,167	-	-	-	-	2,082	-		
11:00	-	68	20	4	1,416	1,75E-05	38,000	-	-	-	-	2,287	-		
12:00	-	70	20	4	1,418	1,75E-05	37,667	-	-	-	-	2,496	-		
13:00	-	72	20	4	1,423	1,75E-05	37,500	-	-	-	-	2,678	-		
14:00	-	74	20	4	1,416	1,75E-05	37,000	-	-	-	-	2,881	-		
15:00	-	77	20	4	1,421	1,75E-05	36,500	-	-	-	-	3,063	-		
Average/Hr	8	69.68	20.00	3.60	1417.85		37791.67			1	-	1,462	-		
Removed Water Stored in Poly Tank												1462			

Executed By:		Alliance Maintenance & Services Inc.	
Equipment Operated By:		Denver Lake & Cesar Garcia	
Field Testing By:		Denver Lake & Cesar Garcia	

Vapor Phase Product Removed Using Laboratory Data			
51	Average Pounds Vapor Phase per 8 Hour Event		
8	Average Gallons Vapor Phase per 12 Hour Event		
1	Gallons Liquid Phase Hydrocarbons recovered in tank		
6	Pounds Liquid Phase Hydrocarbons recovered in tank		
9	Total Gallons Hydrocarbons Removed		
57	Total Pounds Hydrocarbons Removed		

Abbreviations	
APW= Monitoring Well	L.B.L.B.= Pounds
Hg = Mercury	Gal = Gallon
W.C. = Water Column	Hr = Hour
CFM = Cubic Feet Minute	Mls = Minute
PPM = Parts per Million	

Vapor Phase Product Removed Using Laboratory Data	
51	Average Pounds Vapor Phase per 8 Hour Event
8	Average Gallons Vapor Phase per 12 Hour Event
1	Gallons Liquid Phase Hydrocarbons recovered in tank
6	Pounds Liquid Phase Hydrocarbons recovered in tank
9	Total Gallons Hydrocarbons Removed
57	Total Pounds Hydrocarbons Removed

Executed By:	Alliance Maintenance & Services Inc.
Equipment Operated By:	Denver Lake & Cesar Garcia
Field Testing By:	Denver Lake & Cesar Garcia

ANALYTICAL RESULTS

Project: 075016 E Hobbs Junction AIR

Pace Project No.: 60192741

Sample: 075016-042315-SP-INF3 Lab ID: 60192741004 Collected: 04/23/15 14:00 Received: 04/27/15 09:20 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG								
Analytical Method: TO-3 Air								
Benzene	53.2	ppmv	10.0	100		04/29/15 18:13	71-43-2	
Ethylbenzene	ND	ppmv	10.0	100		04/29/15 18:13	100-41-4	
Methyl-tert-butyl ether	48.6	ppmv	10.0	100		04/29/15 18:13	1634-04-4	A1
THC as Gas	8940	ppmv	100	100		04/29/15 18:13		
Toluene	16.5	ppmv	10.0	100		04/29/15 18:13	108-88-3	
m&p-Xylene	ND	ppmv	20.0	100		04/29/15 18:13	179601-23-1	
o-Xylene	ND	ppmv	10.0	100		04/29/15 18:13	95-47-6	

4/24/15

2nd

A

Day 2

109.83°F

11.90 in H₂O

3.80 in H₂O

40.43 Schmidt

REPORT OF LABORATORY ANALYSIS

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FRESO METERS CORPORATION
FLOW CALCULATION REPORT

No. 100-1001-1000000

	Per Jack / day	Application: edge
--	----------------	-------------------

Name	Project Manager	Date	28 April 2020
Company	Altimetrix Maintenance & Services, Inc.	Phone	713-653-9010
Address	1213 W. 13th St., Houston, TX	Fax	713-653-1070
Serv. No.	545 East Rucker Junction, Scotts, New Mexico	Tag No.	CM-545 P, L, A, S, at Blue Metering Equipment
Co. No.		Wt. No.	
Calculated by		Job / Location	Statewide

```
Process information
```

Member Type : Manual	Shape Size : 2-2	Arches/Wide 48
Member Shape : Low Carbon (A36)	SD : 2.1473 in.	WALL: 0.2500
	Shape Mat. : Carbon Steel	Install: Optional
Member Mat. : Brown/White	End/Max Chk. 807	
Shape Medium : Gas - to Air	Top Size : 1.78 in. 807	
Extra : 0.0000	Type : Low Carbon (A36)	
Throat Dia. : 1.875 in.	Support Material: Stainless Steel 304	

Field Information

Flow Rate (g)	KOH: 60.81	MHMOA: 129.29	KAC: 210.20	1975/kPa
Temperature (°C)	TOT: KOH: 49.88	MHMOA: 49.88	KAC: 49.88	0
ϕ_p (rate) (%)	KOH: 1.0000	MHMOA: 1.0000	KAC: 1.0000	
Pressure (MPa)	KOH: 0.0763	MHMOA: 0.0763	KAC: 0.0763	120/tick
Reaction time (min)	KOH: -241.46	MHMOA: -275.46	KAC: -275.46	1m of 100 G
Viscosity	0.116780 cP	C ₂ H ₄ /N ₂ (eq. max. rate): 1.40		
Molecular Weight	49,000	Olefin(s) (initial): 0.000		

Description : Low Load TV/LPG/ 100 Watts/Brown KPT Horizontal
Model Number : V-100-10-KPT

Flow Equations & Parameters

Bessel Formula $\text{Re} = (1/\pi)(\sqrt{\mu_0/C})^{1/2}$ where $C = \frac{1}{2}(A + B) + \frac{1}{2}(B - A)\cos^2\theta + \frac{1}{2}(B - A)\sin^2\theta + \frac{1}{2}(B - A)\sin^2\theta + \frac{1}{2}(B - A)\sin^2\theta + \frac{1}{2}(B - A)\sin^2\theta$

Saliva (cuv., Factor 10)	1.466100010	Brain Flow (cvt)	1.23310
Pipe (cm, Gd)	1.617010	Chemical Separation Factor (M)	1.20010
Compress. Factor (Fe)	1.0010	Intersect. Area Factor (pH)	1.161
Temp. Rate Factor	1.211	Specific Gravity Factor (pH)	1.161

Flowing Pressure (PI) (PSI)	RTN: 8.3164	NOBAL: 4.3164	NAG: 4.3169
Reynolds Number (Re)	RTN: 30376	NOBAL: 75622	NAG: 181263
Reynolds Number (Re)	RTN: 8.5007	NOBAL: 8.5007	NAG: 2.7010
Gas Expansion Factor (E)	RTN: 2.7074	NOBAL: 2.7078	NAG: 2.8133
Visc Temperature Factor (VTF)	RTN: 8.1903	NOBAL: 2.2054	NAG: 8.2000

Calculated Results: $\chi^2 = 12.12$, $df = 1$, $p = .000$, $\phi = .34$, $\phi^2 = .12$, $N = 100$

Flow Rate (Q ₁)	=	MIN: 40.4730	MEAN: 100.0190	MAX: 200.0180	STD: 100.0000
Flow Content (CL)	=	MIN: 0.1629	MEAN: 0.1821	MAX: 0.1995	STD: 0.0083
Diff. Pressure (Pa)	=	MIN: 0.0000	MEAN: 14.171	MAX: 20.074	STD: 3.0000

The accuracy of T/IS Series installed in accordance with ASME/ISO recommendations is ± 1 percent uncalibrated, insufficient of diameter subject to correction for thermal and/or pressure, or ± 0.2 percent calibrated.

SAUTYCH WIELACZ

Low Reynolds No. W -Sta. Mass Flow Rate Pressure loss = 2.1215 in. of H₂O (2.95 ft)
 Annularity, ± 1 St at Sta. Mass Flow Rate
 Rate = 1.6055



INVOICE

3233 W 11th St #1000
Houston, TX 77008
713-863-0000 PH
713-863-1004 FAX

DATE: 05/12/15 DUE DATE NET 120 DAYS
INVOICE 950 - 6299 JOB # 15010-3
P.O. # 40-76061 CRA Job # 75016

BILLED TO Conestoga Rovers & Associates, Inc.
ATTN: Accounts Payable CC: Moshghan Mansoori
ADDRESS 2055 Niagara Falls Blvd., Ste. 3 1755 Wittington Place, Suite 500
Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction
ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 10 hr Mobile Dual Phase Extraction Event
Date: 23-Apr-15
Event #: 3

LINE ITEMS:	DESCRIPTION	TOTAL
	MDPE Equipment and Personnel	\$4,500.00
	Tedlar Bags	\$36.00

SUBTOTAL \$ 4,536.00
TAX
TOTAL \$ 4,536.00

Alliance Maintenance & Services, Inc.
713-863-0000 ext. 102
3233 West 11th Street, Suite 1000
Houston, Texas 77008

Approval Authorization
for MDPE Event

Client Address Conestoga-Rovers Associates
Moshghan Mansoori
1755 Wittington Place, Suite 500
Dallas, Texas 75234

Client Project Number

AMS Project Number 15010-2 and -3

Facility Address see map

Facility Name P66 East Hobbs Junction

Start Date 23 – 24 April 2015

Field Contact Denver Lake 281-830-2784 Alliance Maintenance & Services, Inc.

Scope: Mobile Enhanced Vacuum Recovery (EVR) or Mobile Dual Phase Extraction

Alliance will provide all necessary equipment and personnel required to perform EVR or MDPE on the following wells:

Extraction Wells

See work order

- Number of hours in operation **1-8 hr & 1-10 hr**
- Alliance to provide holding tank
- CRA to coordinate fluid pick up
- Alliance will gage wells prior to, and after event.
- Alliance will take influent vapor and/or effluent vapor samples upon request.
- \$1350.00 Field Personnel/8 hr
- \$2250.00 DPE Equipment/8 hr
- \$450.00 each our over 8 hrs
- \$12.00/each Tedlar Bags (7)
- Direct Bill waste
- Direct Bill Pace Analytical

Beginning	1 influent TPH + Effluents (BTEX/TPH)
Midpoint	1 influent TPH/BTEX
Ending	1 influent TPH

Wells
mw-1
mw-2
mw-3
mw-9

Accepted by:

CRA
(Company Name)

Moshghan Mansoori
(Printed Name)

[Signature]
(Signature)

4-15-15
(Date)



May 12, 2015

Ms. Moshghan Mansoori
Conestoga-Rovers Associates
2270 Spring Lake Road, Suite 800
Dallas, Texas 75234

**Re: Mobile Enhanced Vacuum Recovery (EVR)
Event # 3**

Facility Name:	P66 East Hobbs Junction
Facility Address:	Hobbs, New Mexico
Date of Service:	April 23, 2015
Estimate of product in liquid form:	measured on second day
Estimate of product in vapor form:	14 Gallons (85 pounds)
Estimate of total fluids removed:	1601 Gallons
TOTAL PRODUCT (VAPOR AND LIQUID)	<u>14 Gallons and 85 pounds</u>

Dear Ms. Mansoori:

In response to your Request for Services, Alliance Maintenance & Services, Inc. performed one 10 hr Mobile Dual Phase Extraction (MDPE) event at the above referenced site on April 23, 2015. The MDPE event was conducted using the OXY-VAC system of vacuum pumps with a thermal oxidizer having destruction efficiency rating of 99.9 percent. This letter serves to report on field activities and the results of the MDPE event.

The MDPE event began with measuring the depths to water and phase-separated hydrocarbons (PSH) in monitoring wells using an interface probe. Groundwater measurements, before and after the event, can be found in Table 1. One well (MW-3) not containing PSH or too distant from extraction wells was sealed to measure vacuum or pressure during event. The extraction wells (MW-1, MW-2, & MW-9) were fitted with a wellhead adapter and vacuum drop tubes. The drop tubes are used to remove fluids from the well and are placed in the known smear zone or the PSH-air interface measured at the beginning of field activities. Vacuum hoses are attached between the vacuum pumps and the well head adapters and monitored via gauges mounted on the well adapters. Vacuum and flow are adjusted to optimally remove PSH and vapor from the extraction wells. Equipment parameters are presented in Table 2. Influent and effluent contaminant concentrations are recorded at regular intervals during the MDPE event. These field parameters are presented in Table 3. The vacuum and/or pressure in each monitored well are also measured at regular intervals; those readings are presented in Table 4. Table 5 presents an MDPE event summary that includes the amount of vapor, PSH and total fluids removed during the event.

Alliance Maintenance & Services, Inc.

3233 W. 11th, Suite 1000 • Houston, Texas 77008 • 713-863-0000 • 713-863-1004 Fax

At the P66 East Hobbs Junction site, approximately 1601 gallons of total fluids were removed from the wells at the site including 14 gallons (85 pounds) vapor form hydrocarbons.

During the field activities, there were three wells (MW-1, MW-2, & MW-9) with an accumulated thickness of 0.90 feet PSH. The well names and fluid levels are noted in Table 1.

Although best efforts are used in field sampling and testing, controlled laboratory testing is the most accurate method of determining contaminant concentrations in air and fluids removed from the extraction wells. Alliance uses vapor sample results and a formula recommended by the TCEQ to convert vapor concentrations to liquid volume.

We appreciate the opportunity to be of service to Conestoga-Rovers Associates. If you have any questions regarding the data included herein, please contact me at 713-863-0000, extension 102. I look forward to working with you on the next MDPE project.

Sincerely,



Leslie Loveless

Alliance Maintenance & Services, Inc.

Table 1

Depths to Groundwater
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction		Event Date		23-Apr-15				
Facility Address		Hobbs, NM		Project Number		15010-3				
TIME:		Before Start of Event				End of Event				
Well ID #	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness	Well Diameter	Stinger Depth	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness	Water Ending Difference	PSH. Ending Difference
MW-1	30.69	31.42	0.73	2"	32.5'	30.84	30.91	0.07	-0.51	-0.66
MW-2	31.83	31.97	0.14	2"	32.5'	31.88	31.90	0.02	-0.07	-0.12
MW-3		31.08	0.00	2"			31.13	0.00	0.05	0.00
MW-9	32.43	32.46	0.03	4"	33'		32.51	0.00	0.05	-0.03
		0.90								0.09

Table 2
Equipment Operation
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction					Event Date		23-Apr-15		LPST #	
Facility Address	Hobbs, NM					Event Number		15010-3		Facility ID	
Test Time	Thermox			Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure	Therm-Ox Burn Temp	External Fuel Use % of Tank	External Fuel Use % of Tank		
24 hr. Clock	Hr. meter			Degrees F	Inches Hg	Inches WC	Fahrenheit	Propane#1	Propane#2		
7:00								90%	20%		0
8:00				58	20.0	1.08	1423	85%	20%		0
9:00				61	20.0	3.67	1416	80%	20%		
10:00				67	20.0	3.94	1411	74%	20%		
11:00				73	20.0	4.11	1418	67%	20%		
12:00				78	20.0	4.23	1415	61%	20%		
13:00				78	20.0	4.32	1419	54%	20%		
14:00				76	20.0	4.42	1412	50%	20%		
15:00				75	20.0	4.47	1424	50%	15%		
16:00				74	20.0	4.53	1417	50%	9%		
17:00				72	20.0	4.62	1414	50%	4%		
Average per Hr.				71.20	20.00	3.94	1416.90	40%	16%		

observed		Thermox Run Time
Start Time	Shut Down Time	
7:00	17:00	10 hrs

Cumulative Run Time 10 hrs

Table 3
Field Parameters
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction		Event Date	23-Apr-15	LPST #	0	
Facility Address	Hobbs, NM		Event Number	15010-3	Facility ID	0	
Test Time	Test Wells at Sample Ports (PPM at well head)				Sample Accumulative Test Port	Total Fluids Removed	Average PPM All Event Wells
24 hr. Check	MW-1	MW-2	MW-9	Barometric Pressure & Temperature	Product Pumped Siphoned	Effluent Sample	
7:00	PPM	PPM	PPM	Inches Hg. Fahrenheit	Gal/s.	PPM	Gal in Tank
8:00	50,000	50,000	27,500		0		45
9:00	50,000	50,000	26,000				263
10:00	50,000	50,000	24,500				487
11:00	50,000	50,000	25,000				621
12:00	50,000	50,000	24,500				750
13:00	50,000	50,000	24,500				985
14:00	50,000	50,000	23,000				1,154
15:00	50,000	50,000	23,500				1,238
16:00	50,000	50,000	22,000				1,413
17:00	50,000	50,000	21,500				1,601
MicroPID maximum detection limit is 50,000 ppm. Entries noted as 50,000 represent recordings in excess of maximum detection limits.					0		1,601

Notes
6:00 On site. Open all wells. Tailgate safety meeting. Measure fluid levels in wells. Cap observation wells. Set up on extraction wells.
7:00 Start MDE event. Calibrate instruments.
8:00 Field parameters. Collect influent vapor (TPH) and effluent (BTEX/TPH) sample for lab.
9:00 Field parameters.
10:00 Field parameters.
11:00 Field parameters.
12:00 Field parameters.
13:00 Field parameters.
14:00 Field parameters. Collect influent (TPH) vapor sample for lab.
15:00 Field parameters.
16:00 Field parameters.
17:00 Field parameters. End MDE event.

Table 4
Monitor Well Vacuum/Pressure Over Time
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	23-Apr-15	LPST #	0
Facility Address	Hobbs, NM	Event Number	15010-3	Facility ID	0

OBSERVED WELL VACUUM ("WC)

Time	MW-3
7:00	0.00
8:00	-0.13
9:00	-0.27
10:00	-0.36
11:00	-0.42
12:00	-0.39
13:00	-0.43
14:00	-0.46
15:00	-0.45
16:00	-0.48
17:00	-0.51

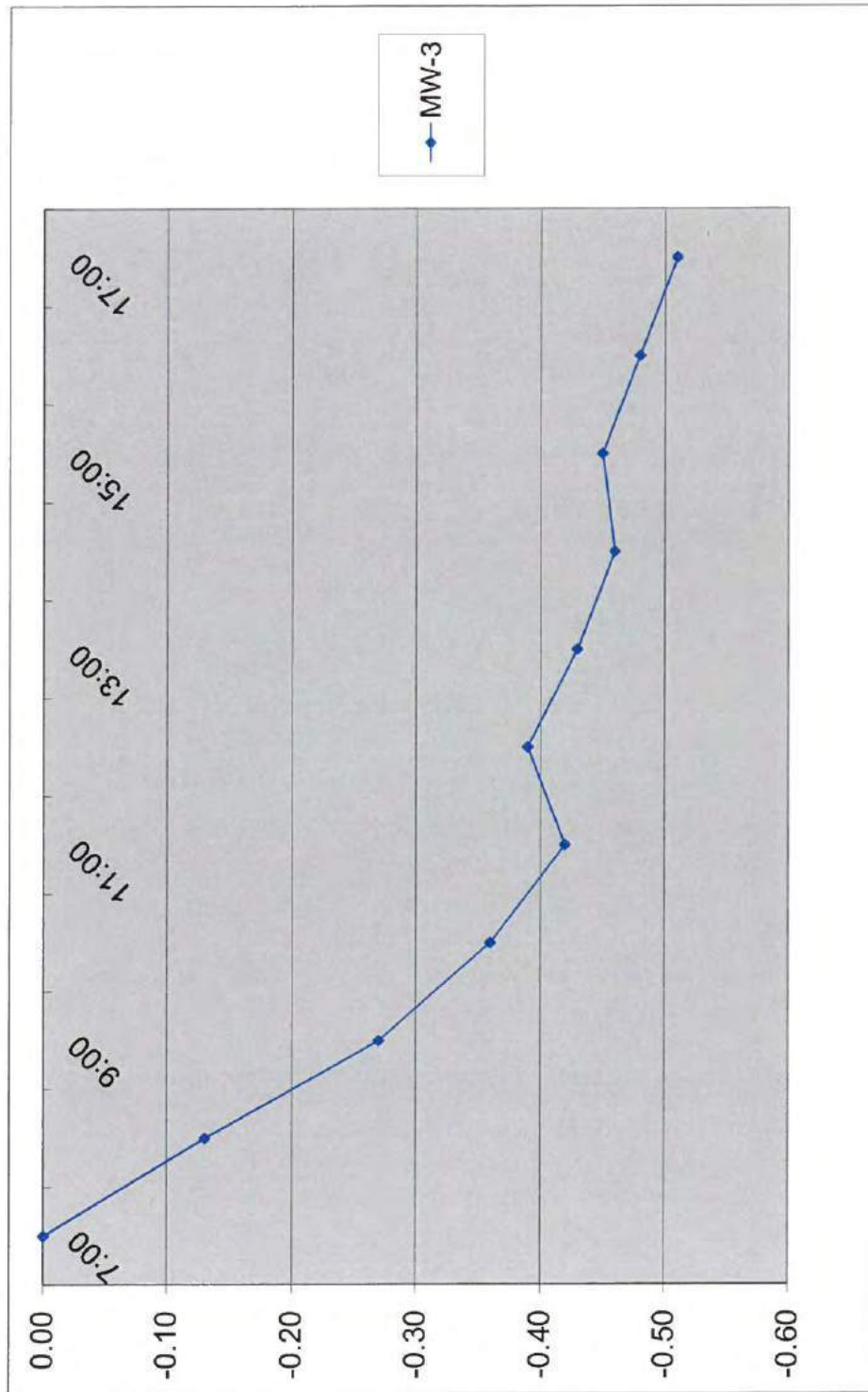


Table 5
Dual Phase Extraction Day Event Summary
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction		Event Date		23-Apr-15		LPST #		0		Product Type Removed	
Facility Address	Hobbs, NM		Event Number		15010-3		Facility ID		0		Gasoline	
Test or Read Time	Thermocouple	Influent Vapor Temp (Degrees F)	Influent Pressure (Inches Hg)	Oil Pressure (Inches Hg)	Conversion TPH per 10 Hr	Average PPM All E / Wells	Vapor Removal Rate Lbs./Hr/CFM	Barometric Pressure & Temperature Inches Hg	Total Fuel Pumped / Siphoned Gallons	Total Fuel Removal Field Tests Gallons	Total Water Removed Gallons in Tank	Effluent Sample PPM
24 Hr. M Time	1b. read											
8:00	-	58	20	1	1,423	1,75E-05	42,500	-	-	-	48	-
9:00	-	61	20	4	1,416	1,75E-05	42,000	-	-	-	263	-
10:00	-	67	20	4	1,411	1,75E-05	41,500	-	-	-	407	-
11:00	-	73	20	4	1,418	1,75E-05	41,667	-	-	-	621	-
12:00	-	78	20	4	1,415	1,75E-05	41,500	-	-	-	759	-
13:00	-	78	20	4	1,419	1,75E-05	41,500	-	-	-	985	-
14:00	-	76	20	4	1,412	1,75E-05	41,000	-	-	-	1,154	-
15:00	-	75	20	4	1,424	1,75E-05	41,167	-	-	-	1,238	-
16:00	-	74	20	5	1,417	1,75E-05	40,667	-	-	-	1,413	-
17:00	-	72	20	5	1,414	1,75E-05	40,500	-	-	-	1,601	-
Average/Hr.	8	71.20	20.00	3.94	1416.30		51750.00			*	1,601	-

Removed Water Stored in Poly Tank

Vapor Phase Product Removed Using Laboratory Data

Executed By:	Alliance Maintenance & Services Inc.
Equipment Operated By:	Denver Lake & Cesar Garcia
Field Testing By:	Denver Lake & Cesar Garcia

85	Average Pounds Vapor Phase per 10 Hour Event
14	Average Gallons Vapor Phase per 12 Hour Event
0	Gallons Liquid Phase Hydrocarbons recovered in tank
0	Pounds Liquid Phase Hydrocarbons recovered in tank
14	Total Gallons Hydrocarbons Removed
85	Total Pounds Hydrocarbons Removed

Abbreviations

Water Monitoring Well	LB/Lb = Pounds
Hg = Mercury	Gal = Gallons
W.C. = Water Columns	Hr = Hour
CFM = Cubic Feet Minute	Min = Minute
PPM = Parts per Million	

ANALYTICAL RESULTS

Project: 075016 E Hobbs Junction AIR

Pace Project No.: 60192741

Sample: 075016-042315-SP-INF1	Lab ID: 60192741001	Collected: 04/23/15 08:00	Received: 04/27/15 09:20	Matrix: Air				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TD-3 Air						
Benzene	87.7	ppmv	10.0	100		04/29/15 17:39	71-43-2	
Ethylbenzene	31.9	ppmv	10.0	100		04/29/15 17:39	100-41-4	
Methyl tert-butyl ether	54.9	ppmv	10.0	100		04/29/15 17:39	1634-04-4	A1
THC as Gas	9830	ppmv	100	100		04/29/15 17:39		
Toluene	49.6	ppmv	10.0	100		04/29/15 17:39	106-88-3	
m&p-Xylene	35.4	ppmv	20.0	100		04/29/15 17:39	178601-23-1	
o-Xylene	10.4	ppmv	10.0	100		04/29/15 17:39	95-47-5	

4/23
A
Day 1
71.20°F
271.90 mmHg
3.94 mmHg
41.12 5.8m

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E Hobbs Junction AIR

Pace Project No.: 60192741

Sample: 075016-042315-SP-EFF		Lab ID: 60192741002	Collected: 04/23/15 08:00	Received: 04/27/15 09:20	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	ND	ppmv	0.10	1		04/29/15 16:15	71-43-2	
Ethylbenzene	0.13	ppmv	0.10	1		04/29/15 16:15	100-41-4	
Methyl-tert-butyl ether	ND	ppmv	0.10	1		04/29/15 16:15	1634-04-4	
THC as Gas	9.2	ppmv	1.0	1		04/29/15 16:15		
Toluene	ND	ppmv	0.10	1		04/29/15 16:15	108-88-3	A1
m&p-Xylene	ND	ppmv	0.20	1		04/29/15 16:15	179601-23-1	
o-Xylene	0.10	ppmv	0.10	1		04/29/15 16:15	95-47-6	

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ANALYTICAL RESULTS

Project: 075016 E Hobbs Junction AIR
Pace Project No.: 60192741

Sample: 075016-642315-SP-INF2		Lab ID: 60192741003	Collected: 04/23/15 16:00	Received: 04/27/15 09:20	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	67.9	ppmv	10.0	100		04/29/15 17:54	71-43-2	
Ethylbenzene	ND	ppmv	10.0	100		04/29/15 17:54	100-41-4	
Methyl-tert-butyl ether	90.2	ppmv	10.0	100		04/29/15 17:54	1634-04-4	A1
THC as Gas	13800	ppmv	100	100		04/29/15 17:54		E
Toluene	24.4	ppmv	10.0	100		04/29/15 17:54	108-88-3	
m&p-Xylene	ND	ppmv	20.0	100		04/29/15 17:54	179601-23-1	
o-Xylene	ND	ppmv	10.0	100		04/29/15 17:54	95-47-6	

Day 1

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

PRESSO METERS CORPORATION
FLOW CALCULATION REPORT

As 100 9981 Chicago

	Per-joint, heavy	Application, edge
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Customer Information	
Name : Project Manager	Date : 27 April 2018
Company: Milimeter Microwave & Services, Inc.	Phone : 712-463-2100
Address: 2112 E. 12th St., Aurora, NE	Fax : 712-463-2100
Ref No.: PHS East Bridge America, Omaha, New Mexico	Tag No.: Tag-947-3.1.6.7, at Flow Measuring Equipment
By: _____	At: _____
Calculation Book No. _____	Doc / Revision: 00000000

Process information

Motor Type :	VACUUM	Pipe Size :	2.0	Schedule 40
Motor Stage :	Low Cost (V/V/L)	ID :	2.3875	in.
		Pipe Mat. :	Carbon Steel	Install: Mechanical
Motor Hst. :	Brass/Brass	End/Use (In):	NPT	
Pipe Medium :	Gas	Tag Size :	1/4 in.	NPT
Rate :	0.4452	Type :	Low Cost (V/V/L)	
Throat Dia. :	1.7708 in	Throat Material:	Stainless Steel	104

<u>Yield information</u>					
<u>WT - Grams Yield</u>	<u>WY%</u>	<u>WY% - 0.1 g</u>	<u>WY% - 0.1 g</u>	<u>WY% - 0.1 g</u>	<u>WY% - 0.1 g</u>

[illegible]

Selected Bibliography:

Model Number : Y-120-31-KIT

Flow Diagram & Description

Pronto Formula Sw = (1/10) + (9/10)(1/5) = 0.28. WHEB: CI = 8 + 3 * DI + 2 * Jk + Pw + V + Pcp + Pcs + Ptd + Pz + Ppd

Flowering Phenology (Yr) (Y2A)	KXX: 4.2149	NOBBL: 1.3114	MAJ: 5.5139
Reynolds Number (Re)	KXX: 12019	NOBBL: 75622	MAJ: 181249
Reynolds Number (Re)	KXX: 0.9487	NOBBL: 0.9597	MAJ: 1.0029
Gas Expansion Factor (G)	KXX: 1.0018	NOBBL: 1.0005	MAJ: 1.0005
Flow Temperature Factor (Pn)	KXX: 0.9936	NOBBL: 1.0004	MAJ: 1.0004

Calculation Results	
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97	98
99	100

Flow Rate (G/s)	WDR	42.220	WDRNG	110.000	WDR	110.000	DTG/Rate
Flow Constant (G/s)	WDR	7.1518	WDRNG	9.2713	WDR	9.3492	
OUT Pressure (bar)	WDR	4.108	WDRNG	24.180	WDR	93.188	(p. 17.810)

The accuracy of T16L Series installed in accordance with KIMO/DO recommendations is +/- 1 percent uncalibrated (coefficient of discharge subject to correction for Vernier number dependent), or +/- 0.2 percent calibrated.

BENTON & BOWLES LLP **MILITARY**

RAS FORWASHEN CODE = 2.7317 IN CT R12 (2.73 5)
 Geometry: 4/- 25 45 Wn Norm. Flow
 Data = 0.1012

Table 6

Alliance Maintenance & Services, Inc.

Calculated Vapor Concentration from Laboratory Data

Facility Name	P66 East Hobbs Junction	Event Date	23-Apr-15	
Facility Address	Hobbs, NM	Event Number	15010-3	
Lab Name	Pace Analytical	Lab Name	Pace Analytical	
One hour from beginning	Time 8:00	Results	ugl	Units
Midway through event			ugl	ppmv
One hour prior to ending	16:00		ugl	ppmv
Average Well Flow SCFM			41.12	41.12
Average Lab results				11815
ug/l X 28.32 liters per cubic foot	equals	ug/cu.ft.	41.12	Well Flow
ug/cubic foot X average SCFM	equals	ug/minute	11815	Average Lab Results
ug/minute /1,000,000,000	equals	kg/minute		
kg/minute X 2.20462	equals	pounds/minute	8.50888029	lbs per hour
pounds/minute X 600 minutes	equals	lbs per 10 hour event		
pound per 8 hours/6.25 lb/gallon	equals	gallons/10 hour event	85.0888029	lbs per 10 hour event
0	ug/cu.ft.			
41.12	average SCFM			
0	ug/min.			
0	kg/min			
0	kg/10 hours			
0	lbs/10 hours			
0	gals/10 hours			
85	Average Pounds Vapor Phase per 10 Hour Event		13.6142085	Average Gallons Vapor Phase per 10 Hour Event



INVOICE

3233 W 11th St #1000
Houston, TX 77008
713-863-0000 PH
713-863-1004 FAX

DATE: 07/29/15

DUE DATE PWP NTE 120 DAYS

INVOICE 950 - 6309

JOB # 15010-4

P.O. # 40-79688

BILLED TO GHD Services Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS 2055 Niagara Falls Blvd., Ste. 3 1755 Wittington Place, Suite 500

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 10 hr Mobile Dual Phase Extraction Event

Date: 9-Jul-15

Event #: 4

LINE ITEMS:	DESCRIPTION	TOTAL
	MDPE Equipment and Personnel	\$4,500.00
	MOB	\$925.00
	Tedlar Bags	\$36.00

SUBTOTAL \$ 5,461.00

TAX

TOTAL \$ 5,461.00

INVOICE WORKSHEET

DATE: 29-Jul-15

DEPT 950

W/O # _____

JOB # 15010-4

PO # 40-79688

BILLED TO GHD Services Inc.

ATTN: Accounts Payable CC: Moshghan Mansoon

ADDRESS	2055 Niagara Falls Blvd., Ste. 3	1755 Wittington Place, Suite 500
---------	----------------------------------	----------------------------------

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 10 hr Mobile Dual Phase Extraction Event

Date: 9-Jul-2015

Event #: 4

LINE ITEMS:

DESCRIPTION

TOTAL

MDPE Equipment and Personnel	\$ 4,500.00
------------------------------	-------------

MOB	\$ 925.00
-----	-----------

Tedlar Bags	\$ 36.00
-------------	----------

SUBTOTAL	\$ 5,461.00
-----------------	-------------

TAX _____

TOTAL _____

SPECIAL INSTRUCTIONS:



July 29, 2015

Ms. Moshghan Mansoori
GHD
2270 Spring Lake Road, Suite 800
Dallas, Texas 75234

**Re: Mobile Enhanced Vacuum Recovery (EVR)
Event # 4**

Facility Name:	P66 East Hobbs Junction
Facility Address:	Hobbs, New Mexico
Date of Service:	July 9, 2015
Estimate of product in liquid form:	8 Gallons (50 pounds)
Estimate of product in vapor form:	14 Gallons (85 pounds)
Estimate of total fluids removed:	1589 Gallons
TOTAL PRODUCT (VAPOR AND LIQUID)	<u>20 Gallons and 122 pounds</u>

Dear Ms. Mansoori:

In response to your Request for Services, Alliance Maintenance & Services, Inc. performed one 10 hr Mobile Dual Phase Extraction (MDPE) event at the above referenced site on July 9, 2015. The MDPE event was conducted using the OXY-VAC system of vacuum pumps with a thermal oxidizer having destruction efficiency rating of 99.9 percent. This letter serves to report on field activities and the results of the MDPE event.

The MDPE event began with measuring the depths to water and phase-separated hydrocarbons (PSH) in monitoring wells using an interface probe. Groundwater measurements, before and after the event, can be found in Table 1. One well (MW-3) not containing PSH or too distant from extraction wells was sealed to measure vacuum or pressure during event. The extraction wells (MW-1, MW-2, & MW-9) were fitted with a wellhead adapter and vacuum drop tubes. The drop tubes are used to remove fluids from the well and are placed in the known smear zone or the PSH-air interface measured at the beginning of field activities. Vacuum hoses are attached between the vacuum pumps and the well head adapters and monitored via gauges mounted on the well adapters. Vacuum and flow are adjusted to optimally remove PSH and vapor from the extraction wells. Equipment parameters are presented in Table 2. Influent and effluent contaminant concentrations are recorded at regular intervals during the MDPE event. These field parameters are presented in Table 3. The vacuum and/or pressure in each monitored well are also measured at regular intervals; those readings are presented in Table 4. Table 5 presents an MDPE event summary that includes the amount of vapor, PSH and total fluids removed during the event.

Alliance Maintenance & Services, Inc.

3233 W. 11th, Suite 1000 • Houston, Texas 77008 • 713-863-0000 • 713-863-1004 Fax

At the P66 East Hobbs Junction site, approximately 1589 gallons of total fluids were removed from the wells at the site including 8 gallons (50 pounds) liquid phase hydrocarbons and 12 gallons (72 pounds) vapor form hydrocarbons.

During the field activities, there were three wells (MW-1, MW-2, & MW-9) with an accumulated thickness of 0.31 feet PSH. The well names and fluid levels are noted in Table 1.

Although best efforts are used in field sampling and testing, controlled laboratory testing is the most accurate method of determining contaminant concentrations in air and fluids removed from the extraction wells. Alliance uses vapor sample results and a formula recommended by the TCEQ to convert vapor concentrations to liquid volume.

We appreciate the opportunity to be of service to GHD Services Inc. If you have any questions regarding the data included herein, please contact me at 713-863-0000, extension 102. I look forward to working with you on the next MDPE project.

Sincerely,



Leslie Loveless

Alliance Maintenance & Services, Inc.

Table 1
 Depths to Groundwater
 Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	9-Jul-15		
Facility Address	Hobbs, NM	Project Number	15010-4		

TIME:	Before Start of Event						End of Event			End of Event		
Well ID #	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness	Well Diameter			Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness		Water Ending Difference	PSH. Ending Difference
MW-1	30.81	31.01	0.20	2"				31.50	0.00		0.49	-0.20
MW-2	31.85	31.92	0.07	2"				32.50	0.00		0.58	-0.07
MW-3		31.10	0.00	2"				31.12	0.00		0.02	0.00
MW-9	32.44	32.48	0.04	4"				32.50	0.00		0.02	-0.04
			0.31							0.00		

Table 2
Equipment Operation
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction					Event Date		9-Jul-15		LPST #	0
Facility Address		Hobbs, NM					Event Number		15010-4		Facility ID	0
Test Time	Thermox				Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure		Therm-Ox. Burn Temp	External Fuel Use % of Tank	External Fuel Use % of Tank	
24 hr. Clock	Hr. meter				Degrees F	Inches Hg	Inches WC		Fahrenheit	Propane#1	Propane#2	
8:30										88%	75%	
9:30					80	20.0	1.28		1427	82%	75%	
10:30					84	20.0	2.03		1431	78%	75%	
11:30					88	20.0	2.27		1424	72%	75%	
12:30					90	20.0	2.49		1417	68%	75%	
13:30					92	20.0	2.51		1419	63%	75%	
14:30					96	21.0	2.96		1412	58%	75%	
15:30					100	21.0	3.14		1416	54%	75%	
16:30					94	21.0	3.09		1417	50%	75%	
17:30					90	21.0	3.12		1412	45%	75%	
18:15					88	21.0	3.07		1415	41%	75%	
Average per Hr.				278.70	90.20	20.50	2.59		1419.00	47%	0%	

		observed
Start Time	Shut Down Time	Thermox Run Time
8:30	18:15	10 hrs

Cumulative Run Time 10 hrs

Table 3
Field Parameters
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		9-Jul-15				LPST #		0				
Facility Address		Hobbs, NM						Event Number		15010-4				Facility ID		0				
Test Time	Test Wells at Sample Ports ((PPM) at well head))										Barometric Pressure & Temperature		Product Pumped /Siphoned	Sample Accumulative Test Port	Effluent Sample		Total Fluids Removed	Average PPM, All Event Wells		
24 hr. Clock	MW-1			MW-2			MW-9													
8:30	PPM			PPM			PPM					Inches Hg.	Fahrenheit	Gals.	PPM			PPM	Gal in Tank	PPM
9:30	50,000			50,000			19,500							0				0.0	121	39,833
10:30	50,000			50,000			19,500											0.0	289	39,833
11:30	50,000			50,000			19,000											0.0	454	39,667
12:30	50,000			50,000			19,000											0.0	601	39,667
13:30	50,000			50,000			18,000											0.0	774	39,333
14:30	50,000			50,000			18,000											0.0	935	39,333
15:30	50,000			50,000			17,500											0.0	1,109	39,167
16:30	50,000			50,000			17,500											0.0	1,296	39,167
17:30	50,000			50,000			17,000											0.0	1,468	39,000
18:15	50,000			50,000			17,000											0.0	1,589	39,000
MicroFID maximum detection limit is 50,000 ppm. Entries noted as 50,000 represent recordings in excess of maximum detection limits.													8					1,589		

Notes

6:00	On site. Open all wells. Tailgate safety meeting. Measure fluid levels in wells. Cap observation wells. Set up on extraction wells.
8:30	Start MDPE event. Calibrate instruments.
9:30	Field parameters. Collect influent vapor (TPH) and effluent (BTEX/TPH) sample for lab.
10:30	Field parameters.
11:30	Field parameters.
12:30	Field parameters.
13:30	Field parameters.
14:30	Field parameters.
15:30	Field parameters.
16:30	Field parameters.
17:30	Field parameters.
18:15	Field parameters. End MDPE event. cut short by 15 min because of weather delay (lightning)

Table 4
Monitor Well Vacuum/Pressure Over Time
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	9-Jul-15	LPST #	0
Facility Address	Hobbs, NM	Event Number	15010-4	Facility ID	0

OBSERVED WELL VACUUM ("WC)

Time	MW-3
8:30	0.00
9:30	-0.14
10:30	-0.23
11:30	-0.29
12:30	-0.31
13:30	-0.34
14:30	-0.34
15:30	-0.36
16:30	-0.34
17:30	-0.31
18:15	-0.32

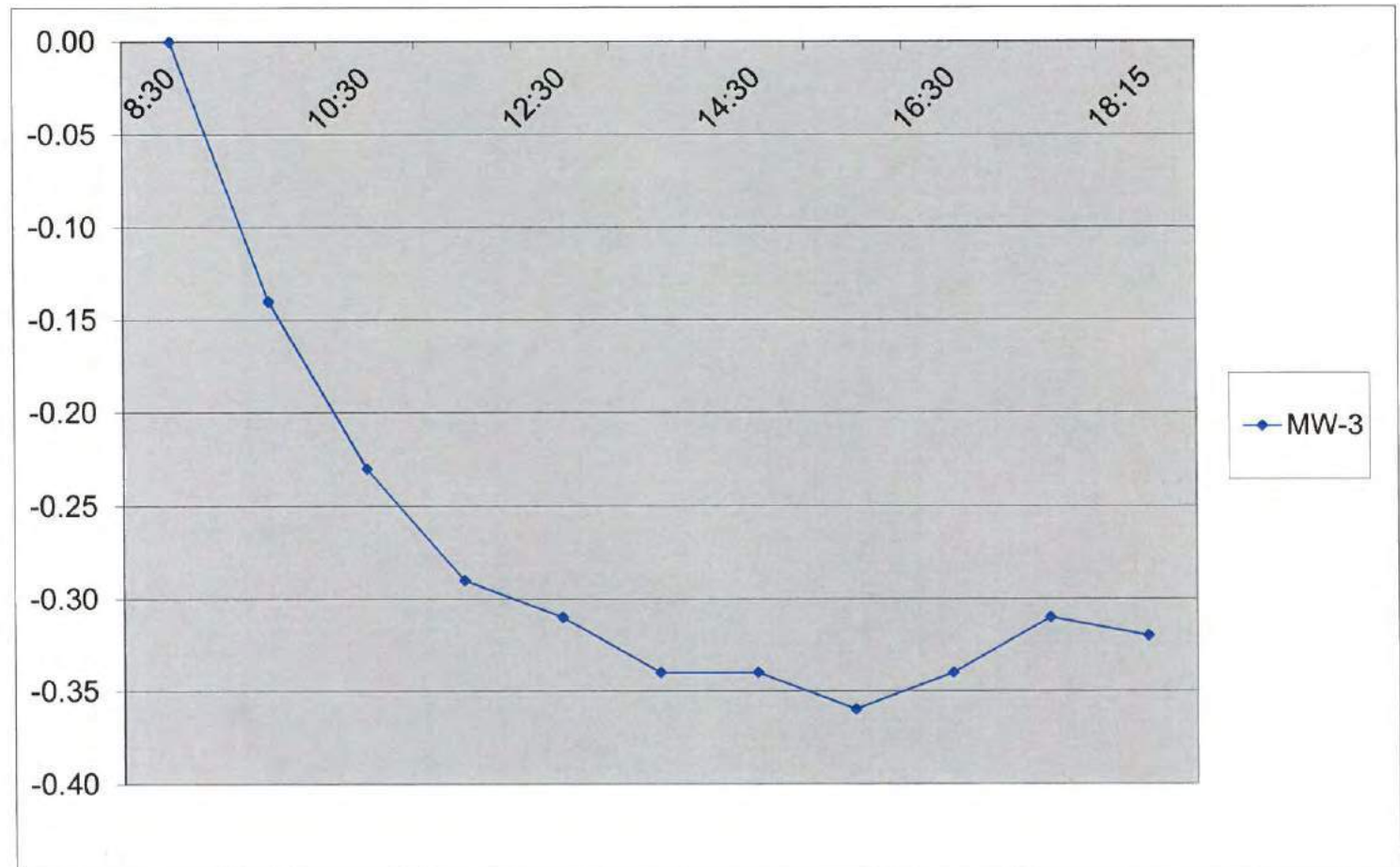


Table 5
Dual Phase Extraction Day Event Summary
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		9-Jul-15		LPST #		0		Product Type Removed	
Facility Address		Hobbs, NM						Event Number		15010-4		Facility ID		0		Gasoline	
Test or Read Time	Thermos				Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure	Therm-Ox. Burn Temp	Conversion TPH ppmv to lbs/hr	Average PPM, All E / Wells	Vapor Removal Rate	Barometric Pressure & Temperature		Total Fuel Pumped /Siphoned	Total Fuel Removal Field Tests	Total Water Removed	Effluent Sample
24 hr. M Time	ltr. size				Degrees F	Inches Hg	Inches WC	Fahrenheit	TPH	PPM	Lbs./Hr/CFM	Inches Hg	Fahrenheit	Gal/s	Gal/s	Gal in Tank	PPM
9:30	-				80	20	1	1,427	1.75E-05	39,833		-	-	-	-	121	-
10:30	-				84	20	2	1,431	1.75E-05	39,833		-	-	-	-	289	-
11:30	-				88	20	2	1,424	1.75E-05	39,667		-	-	-	-	454	-
12:30	-				90	20	2	1,417	1.75E-05	39,667		-	-	-	-	601	-
13:30	-				92	20	3	1,419	1.75E-05	39,333		-	-	-	-	774	-
14:30	-				96	21	3	1,412	1.75E-05	39,333		-	-	-	-	935	-
15:30	-				100	21	3	1,416	1.75E-05	39,167		-	-	-	-	1,109	-
16:30	-				94	21	3	1,417	1.75E-05	39,167		-	-	-	-	1,296	-
17:30	-				90	21	3	1,412	1.75E-05	39,000		-	-	-	-	1,468	-
18:15	-				88	21	3	1,415	1.75E-05	39,000		-	-	-	-	1,589	-
Average/Hr.	10				90.20	20.50	2.59	1419.00		49250.00				8	-	1,589	-

Executed By:		Alliance Maintenance & Services Inc.
Equipment Operated By:		Cesar Garcia and Jesse Torres
Field Testing By:		Cesar Garcia and Jesse Torres

Vapor Phase Product Removed Using Laboratory Data	
72	Average Pounds Vapor Phase per 10 Hour Event
12	Average Gallons Vapor Phase per 10 Hour Event
8	Gallons Liquid Phase Hydrocarbons recovered in tank
50	Pounds Liquid Phase Hydrocarbons recovered in tank
20	Total Gallons Hydrocarbons Removed
122	Total Pounds Hydrocarbons Removed

Removed Water Stored in Poly Tank	1589
-----------------------------------	------

Abbreviations

MW= Monitoring Well	Lb/Lb's= Pounds
Hg. = Mercury	Gal. = Gallon
WC = Water Column	Hr = Hour
CFM= Cubic Feet Minute	Min = Minute
PPM = Parts per Million	

ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction
Pace Project No.: 60198248

Sample: 075016-070915-SP-INF1		Lab ID: 60198248001	Collected: 07/09/15 09:30	Received: 07/11/15 10:00	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	75.1	ppmv	50.6	506		07/13/15 15:51	71-43-2	
Ethylbenzene	ND	ppmv	50.6	506		07/13/15 15:51	100-41-4	
Methyl-tert-butyl ether	277	ppmv	50.6	506		07/13/15 15:51	1634-04-4	A4
THC as Gas	17700	ppmv	506	506		07/13/15 15:51		
Toluene	ND	ppmv	50.6	506		07/13/15 15:51	108-88-3	
m&p-Xylene	ND	ppmv	101	506		07/13/15 15:51	179601-23-1	
o-Xylene	ND	ppmv	50.6	506		07/13/15 15:51	95-47-6	

90.20°F
278.70 mmHg
259 mmHg DP
31.96 scfm

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction

Pace Project No.: 60198248

Sample: 075016-070915-SP-INF2		Lab ID: 60198248002		Collected: 07/09/15 18:15		Received: 07/11/15 10:00		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air							
Benzene	175	ppmv	13.5	135.2		07/13/15 18:04	71-43-2		
Ethylbenzene	22.3	ppmv	13.5	135.2		07/13/15 18:04	100-41-4		
Methyl-tert-butyl ether	83.2	ppmv	13.5	135.2		07/13/15 18:04	1634-04-4	A4	
THC as Gas	8160	ppmv	135	135.2		07/13/15 18:04			
Toluene	34.0	ppmv	13.5	135.2		07/13/15 18:04	106-88-3		
m&p-Xylene	ND	ppmv	27.0	135.2		07/13/15 18:04	179601-23-1		
o-Xylene	15.1	ppmv	13.5	135.2		07/13/15 18:04	95-47-6		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction

Pace Project No.: 60198248

Sample: 075016-070915-SP-EFF		Lab ID: 60198248004	Collected: 07/09/15 09:30	Received: 07/11/15 10:00	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	ND	ppmv	0.81	8.14		07/13/15 14:36	71-43-2	
Ethylbenzene	ND	ppmv	0.81	8.14		07/13/15 14:36	100-41-4	
Methyl-tert-butyl ether	ND	ppmv	0.81	8.14		07/13/15 14:36	1634-04-4	
THC as Gas	9.4	ppmv	8.1	8.14		07/13/15 14:36		
Toluene	ND	ppmv	0.81	8.14		07/13/15 14:36	108-88-3	A4
m&p-Xylene	ND	ppmv	1.6	8.14		07/13/15 14:36	179601-23-1	
o-Xylene	ND	ppmv	0.81	8.14		07/13/15 14:36	95-47-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

FRESO METERS CORPORATION
FLOW CALCULATION REPORT

Customer Information		Project/Utility Application: edge	
Name : Project Manager		Date : 7 July 2015	
Company: Alliance Maintenance & Services, Inc.		Phone : 713-813-2016	
Address: 3221 W. 11th St., Houston, TX		Fax : 713-813-0134	
Ref No.: 046 East Globe Junction, Globe, New Mexico		Tag No.: Dry-Pac 2.5.4.7, 48 Flow Metering Equipment	
No. No.		No. No.	
Calculation done by :		Job / Location: Standalone	
Process Information			
Meter Type : Manual	Pipe Size : 2.0	Schedule 40	
Meter Range : Low Loss (N/LRL)	ID : 2.070 in.	Wall: 0.250	
	Pipe Mat. : Carbon Steel	Detail: 801000041	
Meter Mat. : Brass/Brass	End/Out Con: NPT		
Flow Rating : 600 +/- 10%	Tag Size : 2 1/8 in. NPT		
Mat. : 3.1652	Type : Low Loss (N/LRL)		
Thrust Sig. : 1.775 in.	Thrust Material: Stainless Steel 316		
Fluid Information			
Flow Rate (Q):	MDR: 31.35	NORMAL: 100.00	MAX: 200.00 GPM/min
Temperature (Temp):	MDR: 75.00	NORMAL: 75.00	MAX: 75.00 F
Sp. Gravity (SG): 1.0000	MDR: 1.0000	NORMAL: 1.0000	MAX: 1.0000
Density (RD) 0.0750	MDR: 0.0750	NORMAL: 0.0750	MAX: 0.0750 (lb/ft³)
Pressure (Pasc): 14.70 (atm)	MDR: -278.70	NORMAL: -278.70	MAX: -278.70 in at 100 ft
Viscosity :	MDR: 0.01000 Cp	Cp/Cr (Spec. Heat Ratio): 2.40	
Molecular Weight :	MDR: 20.0000	Compressibility: 1.0000	
Selected Model			
Description : Low Loss (N/LRL) 200 Brass/Brass NPT - 801000041			
Model Number : F-200-10-NPT			
Flow Equation & Parameters			
Pascal Formula $P = (1/P1) * (Q1/T1)^{1.75} * WBSL * (1 + 0.0001 * T1^{1.75} + 0.0001 * P1 + 0.0001 * P2 + 0.0001 * P3 + 0.0001 * P4 + 0.0001 * P5 + 0.0001 * P6 + 0.0001 * P7 + 0.0001 * P8)$			
Rein. Corr. Factor (RC) :	MDR: 0.000000	Press. Flow Const. (FC) :	MDR: 0.0000
Pipe Diam. (ID) :	MDR: 2.07000	Thermal Expansion Factor (TE) :	MDR: 1.00000
Compress. Factor (FC) :	MDR: 0.0000	Pressure Base Factor (PBF) :	MDR: 1.0000
Temp. Base Factor :	MDR: 1.0000	Specific Gravity Factor (SGF) :	MDR: 0.0000
Flowing Pressure (P1) (PSI) :	MDR: 4.0000	NORMAL: 4.0000	MAX: 4.0000
Reynolds Number (Re) :	MDR: 14149	NORMAL: 14149	MAX: 14149
Reynolds Factor (RF) :	MDR: 0.9997	NORMAL: 0.9997	MAX: 1.0000
Gas Expansion Factor (GE) :	MDR: 1.0000	NORMAL: 1.0000	MAX: 1.0000
Flow Temperature Factor (FT) :	MDR: 0.9700	NORMAL: 0.9700	MAX: 0.9700
Calculation Results			
Flow Rate (Q) :	MDR: 31.3500	NORMAL: 100.0000	MAX: 200.0000 GPM/min
Flow Constant (CC) :	MDR: 0.0000	NORMAL: 0.0000	MAX: 0.0000
Diff. Pressure (P) :	MDR: 2.7000	NORMAL: 20.3300	MAX: 101.4500 in at 100 ft
The accuracy of F/MS Series installed in accordance with ASME1100 recommendations is +/- 1 percent uncalibrated (coefficient of discharge subject to correction for Reynolds number dependency), or +/- 2.5 percent calibrated.			
WARNING			
Low Reynolds No. at Min. Flow			
Min. Pressure Loss = 2.0715 in at 100 (2.0715)			
Accuracy: +/- 2% at 100 (MAX) Flow			
Beta = 0.0000			

Table 6

Alliance Maintenance & Services, Inc.

Calculated Vapor Concentration from Laboratory Data

Facility Name				P66 East Hobbs Junction				Event Date		9-Jul-15													
Facility Address				Hobbs, NM				Event Number		15010-4													
Lab Name				Pace Analytical				Lab Name				Pace Analytical											
				Time		Results		Units						Time		Results		Units					
One hour from beginning				9:30				ugl						One hour from beginning				9:30		17700		ppmv	
Midway through event								ugl						Midway through event								ppmv	
End				18:15				ugl						End				18:15		8160		ppmv	
Average Well Flow SCFM								31.96		Average Well Flow SCFM								31.96					
Average Lab results										Average lab results								12930					
ug/l X 28.32 liters per cubic foot				equals		ug/cu.ft.						31.96		Well Flow									
ug/cubic foot X average SCFM				equals		ug/minute						12930		Average Lab Results									
ug/minute /1,000,000,000				equals		kg/minute																	
kg/minute X 2.20462				equals		pounds/minute						7.23753834				lbs per hour							
pounds/minute X 600 minutes				equals		lbs per 10 hour event																	
pound per 8 hours/6.25 lb/gallon				equals		gallons/10 hour event		72.3753834				lbs per 10 hour event											
0						ug/cu.ft.																	
31.96						average SCFM																	
0						ug/min.																	
0						kg/min																	
0						kg/10 hours																	
0						lbs/10 hours																	
0						gals/10 hours																	
72						Average Pounds Vapor Phase per 10 Hour Event										11.5800613		Average Gallons Vapor Phase per 10 Hour Event					



INVOICE

3233 W 11th St #1000
Houston, TX 77008
713-863-0000 PH
713-863-1004 FAX

DATE: 07/29/15

DUE DATE PWP NTE 120 DAYS

INVOICE 950 - 6310

JOB # 15010-5

P.O. # 40-79688

BILLED TO GHD Services Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS 2055 Niagara Falls Blvd., Ste. 3 1755 Wittington Place, Suite 500

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 10 hr Mobile Dual Phase Extraction Event

Date: 10-Jul-2015

Event #: 5

LINE ITEMS:

<u>DESCRIPTION</u>	<u>TOTAL</u>
MDPE Equipment and Personnel	\$ 4,500.00
Tedlar Bags	\$ 12.00

SUBTOTAL \$ 4,512.00

TAX

TOTAL \$ 4,512.00

INVOICE WORKSHEET

DATE: 29-Jul-15

DEPT 950

W/O # _____

JOB # 15010-5

PO # 40-79688

BILLED TO GHD Services Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS	2055 Niagara Falls Blvd., Ste. 3	1755 Wittington Place, Suite 500
---------	----------------------------------	----------------------------------

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 10 hr Mobile Dual Phase Extraction Event

Date: 10-Jul-2015

Event #: 5

LINE ITEMS:

DESCRIPTION

TOTAL

MDPE Equipment and Personnel	\$ 4,500.00
------------------------------	-------------

Tedlar Bags	\$ 12.00
-------------	----------

SUBTOTAL	\$ 4,512.00
-----------------	--------------------

TAX

TOTAL _____

SPECIAL INSTRUCTIONS: _____



July 29, 2015

Ms. Moshghan Mansoori
GHD
2270 Spring Lake Road, Suite 800
Dallas, Texas 75234

**Re: Mobile Enhanced Vacuum Recovery (EVR)
Event # 5**

Facility Name:	P66 East Hobbs Junction
Facility Address:	Hobbs, New Mexico
Date of Service:	July 10, 2015
Estimate of product in liquid form:	4 Gallons (25 pounds)
Estimate of product in vapor form:	21 Gallons (129 pounds)
Estimate of total fluids removed:	1846 Gallons
TOTAL PRODUCT (VAPOR AND LIQUID)	<u>25 Gallons and 154 pounds</u>

Dear Ms. Mansoori:

In response to your Request for Services, Alliance Maintenance & Services, Inc. performed one 10 hr Mobile Dual Phase Extraction (MDPE) event at the above referenced site on July 10, 2015. The MDPE event was conducted using the OXY-VAC system of vacuum pumps with a thermal oxidizer having destruction efficiency rating of 99.9 percent. This letter serves to report on field activities and the results of the MDPE event.

The MDPE event began with measuring the depths to water and phase-separated hydrocarbons (PSH) in monitoring wells using an interface probe. Groundwater measurements, before and after the event, can be found in Table 1. One well (MW-3) not containing PSH or too distant from extraction wells was sealed to measure vacuum or pressure during event. The extraction wells (MW-1, MW-2, & MW-9) were fitted with a wellhead adapter and vacuum drop tubes. The drop tubes are used to remove fluids from the well and are placed in the known smear zone or the PSH-air interface measured at the beginning of field activities. Vacuum hoses are attached between the vacuum pumps and the well head adapters and monitored via gauges mounted on the well adapters. Vacuum and flow are adjusted to optimally remove PSH and vapor from the extraction wells. Equipment parameters are presented in Table 2. Influent and effluent contaminant concentrations are recorded at regular intervals during the MDPE event. These field parameters are presented in Table 3. The vacuum and/or pressure in each monitored well are also measured at regular intervals; those readings are presented in Table 4. Table 5 presents an MDPE event summary that includes the amount of vapor, PSH and total fluids removed during the event.

Alliance Maintenance & Services, Inc.

3233 W. 11th, Suite 1000 • Houston, Texas 77008 • 713-863-0000 • 713-863-1004 Fax

At the P66 East Hobbs Junction site, approximately 1846 gallons of total fluids were removed from the wells at the site including 4 gallons (25 pounds) liquid phase hydrocarbons and 21 gallons (129 pounds) vapor form hydrocarbons.

During the field activities, there were three wells (MW-1 & MW-2) with an accumulated thickness of 0.06 feet PSH. The well names and fluid levels are noted in Table 1.

Although best efforts are used in field sampling and testing, controlled laboratory testing is the most accurate method of determining contaminant concentrations in air and fluids removed from the extraction wells. Alliance uses vapor sample results and a formula recommended by the TCEQ to convert vapor concentrations to liquid volume.

We appreciate the opportunity to be of service to GHD Services Inc. If you have any questions regarding the data included herein, please contact me at 713-863-0000, extension 102. I look forward to working with you on the next MDPE project.

Sincerely,



Leslie Loveless

Alliance Maintenance & Services, Inc.

Table 1
Depths to Groundwater
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	10-Jul-15		
Facility Address	Hobbs, NM	Project Number	15010-5		

TIME:	Before Start of Event			End of Event			End of Event					
Well ID #	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness	Well Diameter		Stinger Depth	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness		Water Ending Difference	PSH. Ending Difference
MW-1	30.86	30.91	0.05	2"		31.50'		30.99	0.00		0.08	-0.05
MW-2	31.92	31.93	0.01	2"		32.50'		32.08	0.00		0.15	-0.01
MW-3		31.12	0.00	2"				31.23	0.00		0.11	0.00
MW-9		32.52	0.00	4"		32.50'		32.78	0.00		0.26	0.00
			0.06							0.00		

Table 2
Equipment Operation
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		10-Jul-15		LPST #	0
Facility Address		Hobbs, NM						Event Number		15010-5		Facility ID	0
Test Time	Thermox				Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure		Therm-Ox. Burn Temp	External Fuel Use % of Tank	External Fuel Use % of Tank		
24 hr. Clock	Hr. meter				Degrees F	Inches Hg	Inches WC		Fahrenheit	Propane#1	Propane#2		
8:00										41%	75%		
9:00					72	21.0	2.81		1421	41%	70%		
10:00					78	21.0	2.93		1413	41%	65%		
11:00					78	21.0	3.07		1415	41%	60%		
12:00					88	21.0	3.21		1411	41%	55%		
13:00					90	21.0	3.28		1413	41%	50%		
14:00					92	21.0	3.29		1416	41%	46%		
15:00					96	21.0	3.37		1412	41%	41%		
16:00					96	21.0	3.42		1417	41%	37%		
17:00					90	21.0	3.41		1415	41%	34%		
18:00					84	21.0	3.39		1412	41%	30%		
Average per Hr.				285.50	86.40	21.00	3.22		1414.50	0%	45%		

		observed
Start Time	Shut Down Time	Thermox Run Time
8:00	18:00	10 hrs

Cumulative Run Time 10 hrs

Table 3
Field Parameters
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		10-Jul-15					LPST #		0				
Facility Address		Hobbs, NM						Event Number		15010-5					Facility ID		0				
Test Time	Test Wells at Sample Ports ((PPM) at well head))												Barometric Pressure & Temperature		1000 Product Pumped /Siphoned	Sample Accumulative Test Port	Effluent Sample			Total Fluids Removed	Average PPM, All Event Wells
24 hr. Clock	MW-1			MW-2			MW-9														
8:00	PPM			PPM			PPM			PPM			Inches Hg.	Fahrenheit	Ga/s	PPM			PPM	Gal in Tank	PPM
9:00	50,000			50,000			17,500								0			0.0	158	39,167	
10:00	50,000			50,000			16,000											0.0	371	38,667	
11:00	50,000			50,000			13,000											0.0	564	37,667	
12:00	50,000			50,000			10,000											0.0	758	36,667	
13:00	50,000			50,000			8,000											0.0	931	36,000	
14:00	50,000			50,000			6,500											0.0	1,107	35,500	
15:00	50,000			50,000			4,000											0.0	1,306	34,667	
16:00	50,000			50,000			2,500											0.0	1,492	34,167	
17:00	50,000			50,000			2,000											0.0	1,638	34,000	
18:00	50,000			50,000			2,000											0.0	1,846	34,000	
MicroFID maximum detection limit is 50,000 ppm. Entries noted as 50,000 represent recordings in excess of maximum detection limits.															4				1,846		

Notes

6:00	On site. Open all wells. Tailgate safety meeting. Measure fluid levels in wells. Cap observation wells. Set up on extraction wells.
8:00	Start MDPE event. Calibrate instruments.
9:00	Field parameters.
10:00	Field parameters.
11:00	Field parameters.
12:00	Field parameters.
13:00	Field parameters.
14:00	Field parameters.
15:00	Field parameters.
16:00	Field parameters. Collect influent vapor (TPH) sample for lab.
17:00	Field parameters.
18:00	Field parameters. End MDPE event.

Table 4
Monitor Well Vacuum/Pressure Over Time
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	10-Jul-15	LPST #	0
Facility Address	Hobbs, NM	Event Number	15010-5	Facility ID	0

OBSERVED WELL VACUUM ("WC)

Time	MW-3
8:00	0.00
9:00	-0.17
10:00	-0.21
11:00	-0.27
12:00	-0.31
13:00	-0.30
14:00	-0.31
15:00	-0.33
16:00	-0.36
17:00	-0.37
18:00	-0.36

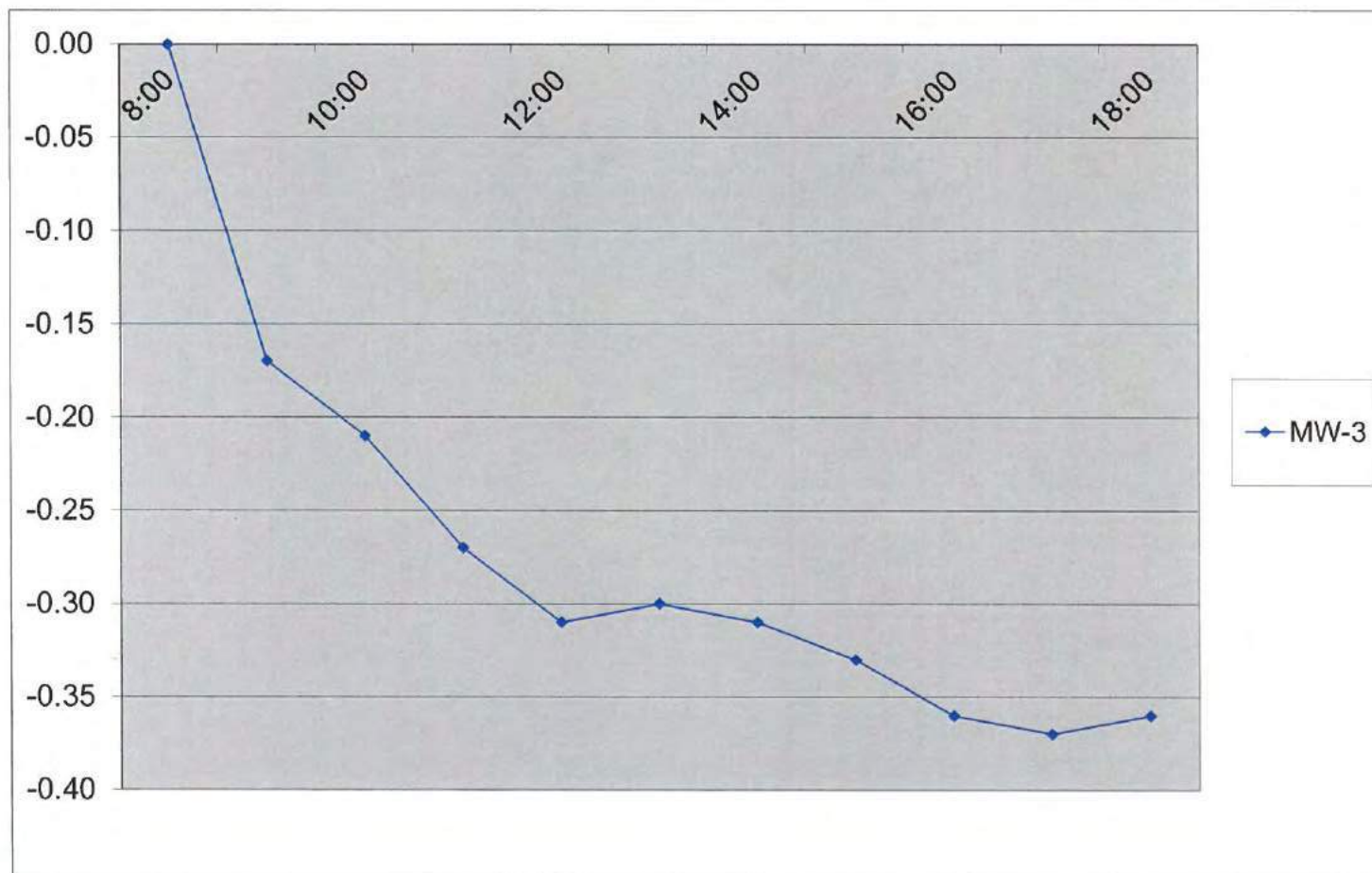


Table 5
Dual Phase Extraction Day Event Summary
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		10-Jul-15		LPST #		0		Product Type Removed		
Facility Address		Hobbs, NM						Event Number		15010-5		Facility ID		0		Gasoline		
Test or Read Time	Thermos				Influent Vapor Temp	Influent Vacuum Pressure	Off Pressure		Therm-Ox. Burn Temp	Conversion TPH ppmv to lbs/hr	Average PPM, All E / Wells	Vapor Removal Rate	Barometric Pressure & Temperature		Total Fuel Pumped /Siphoned	Total Fuel Removal Field Tests	Total Water Removed	Effluent Sample
24 hr. M Time	th. reader				Degrees F	Inches Hg	Inches WC		Fahrenheit	TPH	PPM	Lbs./Hr/CFM	Inches Hg.	Fahrenheit	Gals.	Gals.	Gals in Tank	PPM
9:00	-				72	21	3		1,421	1.75E-05	39,187		-	-	-	-	158	-
10:00	-				78	21	3		1,413	1.75E-05	38,687		-	-	-	-	371	-
11:00	-				78	21	3		1,415	1.75E-05	37,687		-	-	-	-	584	-
12:00	-				88	21	3		1,411	1.75E-05	36,687		-	-	-	-	758	-
13:00	-				90	21	3		1,413	1.75E-05	36,000		-	-	-	-	931	-
14:00	-				92	21	3		1,416	1.75E-05	35,500		-	-	-	-	1,107	-
15:00	-				96	21	3		1,412	1.75E-05	34,687		-	-	-	-	1,306	-
16:00	-				96	21	3		1,417	1.75E-05	34,167		-	-	-	-	1,492	-
17:00	-				90	21	3		1,416	1.75E-05	34,000		-	-	-	-	1,638	-
18:00	-				84	21	3		1,412	1.75E-05	34,000		-	-	-	-	1,846	-
Average/Hr.	8				86.40	21.00	3.22		1414.50		45062.50				4	-	1,846	-

Executed By:		Alliance Maintenance & Services Inc.
Equipment Operated By:		Cesar Garcia and Jesse Torres
Field Testing By:		Cesar Garcia and Jesse Torres

Vapor Phase Product Removed Using Laboratory Data	
129	Average Pounds Vapor Phase per 10 Hour Event
21	Average Gallons Vapor Phase per 10 Hour Event
4	Gallons Liquid Phase Hydrocarbons recovered in tank
25	Pounds Liquid Phase Hydrocarbons recovered in tank
25	Total Gallons Hydrocarbons Removed
154	Total Pounds Hydrocarbons Removed

Removed Water Stored in Poly Tank	1846
-----------------------------------	------

Abbreviations

MW = Monitoring Well	LBS/Lbs = Pounds
Hg = Mercury	Gal = Gallon
WC = Water Column	Hr = Hour
CFM = Cubic Feet Minute	Mix = Mixture
PPM = Parts per Million	

ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction

Pace Project No.: 60198248

Sample: 075016-071015-SP-INF3		Lab ID: 60198248003	Collected: 07/10/15 16:00	Received: 07/11/15 10:00	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	447	ppmv	81.4	814		07/13/15 16:20	71-43-2	
Ethylbenzene	ND	ppmv	81.4	814		07/13/15 16:20	100-41-4	
Methyl-tert-butyl ether	232	ppmv	81.4	814		07/13/15 16:20	1634-04-4	A4
THC as Gas	21100	ppmv	814	814		07/13/15 16:20		
Toluene	ND	ppmv	81.4	814		07/13/15 16:20	108-88-3	
m&p-Xylene	ND	ppmv	163	814		07/13/15 16:20	179601-23-1	
o-Xylene	ND	ppmv	81.4	814		07/13/15 16:20	95-47-6	

36.40°F
285.50 mmHg
3.22 mmHg
34.31 mmHg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Table 6

Alliance Maintenance & Services, Inc.

Calculated Vapor Concentration from Laboratory Data

Facility Name				P66 East Hobbs Junction				Event Date		10-Jul-15	
Facility Address				Hobbs, NM				Event Number		15010-5	
Lab Name				Pace Analytical				Lab Name		Pace Analytical	
		Time	Results	Units				Time	Results	Units	
One hour from beginning				ugl		One hour from beginning				ppmv	
Midway through event				ugl		Midway through event				ppmv	
One hour prior to ending		16:00		ugl		One hour prior to ending		16:00	21100	ppmv	
Average Well Flow SCFM					34.81	Average Well Flow SCFM					34.81
Average Lab results						Average lab results					21100
ug/l X 28.32 liters per cubic foot		equals	ug/cu.ft.			34.81		Well Flow			
ug/cubic foot X average SCFM		equals	ug/minute			21100		Average Lab Results			
ug/minute /1,000,000,000		equals	kg/minute								
kg/minute X 2.20462		equals	pounds/minute			12.8638824		lbs per hour			
pounds/minute X 600 minutes		equals	lbs per 10 hour event								
pound per 10 hours/6.25 lb/gallon		equals	gallons/10 hour event			128.638824		lbs per 10 hour event			
0		ug/cu.ft.									
34.81		average SCFM									
0		ug/min.									
0		kg/min									
0		kg/10 hours									
0		lbs/10 hours									
0		gals/10 hours									
129		Average Pounds Vapor Phase per 10 Hour Event									
					20.5822118		Average Gallons Vapor Phase per 10 Hour Event				



INVOICE

3233 W 11th St #1000
Houston, TX 77008
713-863-0000 PH
713-863-1004 FAX

DATE: 07/29/15

DUE DATE PWP NTE 120 DAYS

INVOICE 950 - 6310

JOB # 15010-5

P.O. # 40-79688

BILLED TO GHD Services Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS 2055 Niagara Falls Blvd., Ste. 3 1755 Wittington Place, Suite 500

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 10 hr Mobile Dual Phase Extraction Event

Date: 10-Jul-2015

Event #: 5

LINE ITEMS:

DESCRIPTION

TOTAL

MDPE Equipment and Personnel \$ 4,500.00

Tedlar Bags \$ 12.00

SUBTOTAL \$ 4,512.00

TAX

TOTAL \$ 4,512.00

INVOICE WORKSHEET

DATE: 29-Jul-15

DEPT 950

W/O # _____

JOB # 15010-5

PO # 40-79688

BILLED TO GHD Services Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS	2055 Niagara Falls Blvd., Ste. 3	1755 Wittington Place, Suite 500
---------	----------------------------------	----------------------------------

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 10 hr Mobile Dual Phase Extraction Event

Date: 10-Jul-2015

Event #: 5

LINE ITEMS:

DESCRIPTION

TOTAL

MDPE Equipment and Personnel	\$ 4,500.00
------------------------------	-------------

Tedlar Bags	\$ 12.00
-------------	----------

SUBTOTAL	\$ 4,512.00
-----------------	--------------------

TAX

TOTAL _____

SPECIAL INSTRUCTIONS: _____



July 29, 2015

Ms. Moshghan Mansoori
GHD
2270 Spring Lake Road, Suite 800
Dallas, Texas 75234

**Re: Mobile Enhanced Vacuum Recovery (EVR)
Event # 5**

Facility Name:	P66 East Hobbs Junction
Facility Address:	Hobbs, New Mexico
Date of Service:	July 10, 2015
Estimate of product in liquid form:	4 Gallons (25 pounds)
Estimate of product in vapor form:	21 Gallons (129 pounds)
Estimate of total fluids removed:	1846 Gallons
TOTAL PRODUCT (VAPOR AND LIQUID)	<u>25 Gallons and 154 pounds</u>

Dear Ms. Mansoori:

In response to your Request for Services, Alliance Maintenance & Services, Inc. performed one 10 hr Mobile Dual Phase Extraction (MDPE) event at the above referenced site on July 10, 2015. The MDPE event was conducted using the OXY-VAC system of vacuum pumps with a thermal oxidizer having destruction efficiency rating of 99.9 percent. This letter serves to report on field activities and the results of the MDPE event.

The MDPE event began with measuring the depths to water and phase-separated hydrocarbons (PSH) in monitoring wells using an interface probe. Groundwater measurements, before and after the event, can be found in Table 1. One well (MW-3) not containing PSH or too distant from extraction wells was sealed to measure vacuum or pressure during event. The extraction wells (MW-1, MW-2, & MW-9) were fitted with a wellhead adapter and vacuum drop tubes. The drop tubes are used to remove fluids from the well and are placed in the known smear zone or the PSH-air interface measured at the beginning of field activities. Vacuum hoses are attached between the vacuum pumps and the well head adapters and monitored via gauges mounted on the well adapters. Vacuum and flow are adjusted to optimally remove PSH and vapor from the extraction wells. Equipment parameters are presented in Table 2. Influent and effluent contaminant concentrations are recorded at regular intervals during the MDPE event. These field parameters are presented in Table 3. The vacuum and/or pressure in each monitored well are also measured at regular intervals; those readings are presented in Table 4. Table 5 presents an MDPE event summary that includes the amount of vapor, PSH and total fluids removed during the event.

Alliance Maintenance & Services, Inc.

3233 W. 11th, Suite 1000 • Houston, Texas 77008 • 713-863-0000 • 713-863-1004 Fax

At the P66 East Hobbs Junction site, approximately 1846 gallons of total fluids were removed from the wells at the site including 4 gallons (25 pounds) liquid phase hydrocarbons and 21 gallons (129 pounds) vapor form hydrocarbons.

During the field activities, there were three wells (MW-1 & MW-2) with an accumulated thickness of 0.06 feet PSH. The well names and fluid levels are noted in Table 1.

Although best efforts are used in field sampling and testing, controlled laboratory testing is the most accurate method of determining contaminant concentrations in air and fluids removed from the extraction wells. Alliance uses vapor sample results and a formula recommended by the TCEQ to convert vapor concentrations to liquid volume.

We appreciate the opportunity to be of service to GHD Services Inc. If you have any questions regarding the data included herein, please contact me at 713-863-0000, extension 102. I look forward to working with you on the next MDPE project.

Sincerely,



Leslie Loveless

Alliance Maintenance & Services, Inc.

Table 1
Depths to Groundwater
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	10-Jul-15		
Facility Address	Hobbs, NM	Project Number	15010-5		

TIME:	Before Start of Event			End of Event			End of Event					
Well ID #	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness	Well Diameter		Stinger Depth	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness		Water Ending Difference	PSH. Ending Difference
MW-1	30.86	30.91	0.05	2"		31.50'		30.99	0.00		0.08	-0.05
MW-2	31.92	31.93	0.01	2"		32.50'		32.08	0.00		0.15	-0.01
MW-3		31.12	0.00	2"				31.23	0.00		0.11	0.00
MW-9		32.52	0.00	4"		32.50'		32.78	0.00		0.26	0.00
			0.06							0.00		

Table 2
Equipment Operation
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		10-Jul-15		LPST #	0
Facility Address		Hobbs, NM						Event Number		15010-5		Facility ID	0
Test Time	Thermox				Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure		Therm-Ox. Burn Temp	External Fuel Use % of Tank	External Fuel Use % of Tank		
24 hr. Clock	Hr. meter				Degrees F	Inches Hg	Inches WC		Fahrenheit	Propane#1	Propane#2		
8:00										41%	75%		
9:00					72	21.0	2.81		1421	41%	70%		
10:00					78	21.0	2.93		1413	41%	65%		
11:00					78	21.0	3.07		1415	41%	60%		
12:00					88	21.0	3.21		1411	41%	55%		
13:00					90	21.0	3.28		1413	41%	50%		
14:00					92	21.0	3.29		1416	41%	46%		
15:00					96	21.0	3.37		1412	41%	41%		
16:00					96	21.0	3.42		1417	41%	37%		
17:00					90	21.0	3.41		1415	41%	34%		
18:00					84	21.0	3.39		1412	41%	30%		
Average per Hr.				285.50	86.40	21.00	3.22		1414.50	0%	45%		

		observed
Start Time	Shut Down Time	Thermox Run Time
8:00	18:00	10 hrs

Cumulative Run Time 10 hrs

Table 3
Field Parameters
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		10-Jul-15					LPST #		0				
Facility Address		Hobbs, NM						Event Number		15010-5					Facility ID		0				
Test Time	Test Wells at Sample Ports ((PPM) at well head))											Barometric Pressure & Temperature		1000 Product Pumped /Siphoned	Sample Accumulative Test Port	Effluent Sample			Total Fluids Removed	Average PPM, All Event Wells	
24 hr. Clock	MW-1			MW-2			MW-9														
8:00	PPM			PPM			PPM			PPM			Inches Hg.	Fahrenheit	Ga/s	PPM			PPM	Gal in Tank	PPM
9:00	50,000			50,000			17,500								0			0.0	158	39,167	
10:00	50,000			50,000			16,000											0.0	371	38,667	
11:00	50,000			50,000			13,000											0.0	564	37,667	
12:00	50,000			50,000			10,000											0.0	758	36,667	
13:00	50,000			50,000			8,000											0.0	931	36,000	
14:00	50,000			50,000			6,500											0.0	1,107	35,500	
15:00	50,000			50,000			4,000											0.0	1,306	34,667	
16:00	50,000			50,000			2,500											0.0	1,492	34,167	
17:00	50,000			50,000			2,000											0.0	1,638	34,000	
18:00	50,000			50,000			2,000											0.0	1,846	34,000	
MicroFID maximum detection limit is 50,000 ppm. Entries noted as 50,000 represent recordings in excess of maximum detection limits.															4				1,846		

Notes

6:00	On site. Open all wells. Tailgate safety meeting. Measure fluid levels in wells. Cap observation wells. Set up on extraction wells.
8:00	Start MDPE event. Calibrate instruments.
9:00	Field parameters.
10:00	Field parameters.
11:00	Field parameters.
12:00	Field parameters.
13:00	Field parameters.
14:00	Field parameters.
15:00	Field parameters.
16:00	Field parameters. Collect influent vapor (TPH) sample for lab.
17:00	Field parameters.
18:00	Field parameters. End MDPE event.

Table 4
Monitor Well Vacuum/Pressure Over Time
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	10-Jul-15	LPST #	0
Facility Address	Hobbs, NM	Event Number	15010-5	Facility ID	0

OBSERVED WELL VACUUM ("WC)

Time	MW-3
8:00	0.00
9:00	-0.17
10:00	-0.21
11:00	-0.27
12:00	-0.31
13:00	-0.30
14:00	-0.31
15:00	-0.33
16:00	-0.36
17:00	-0.37
18:00	-0.36

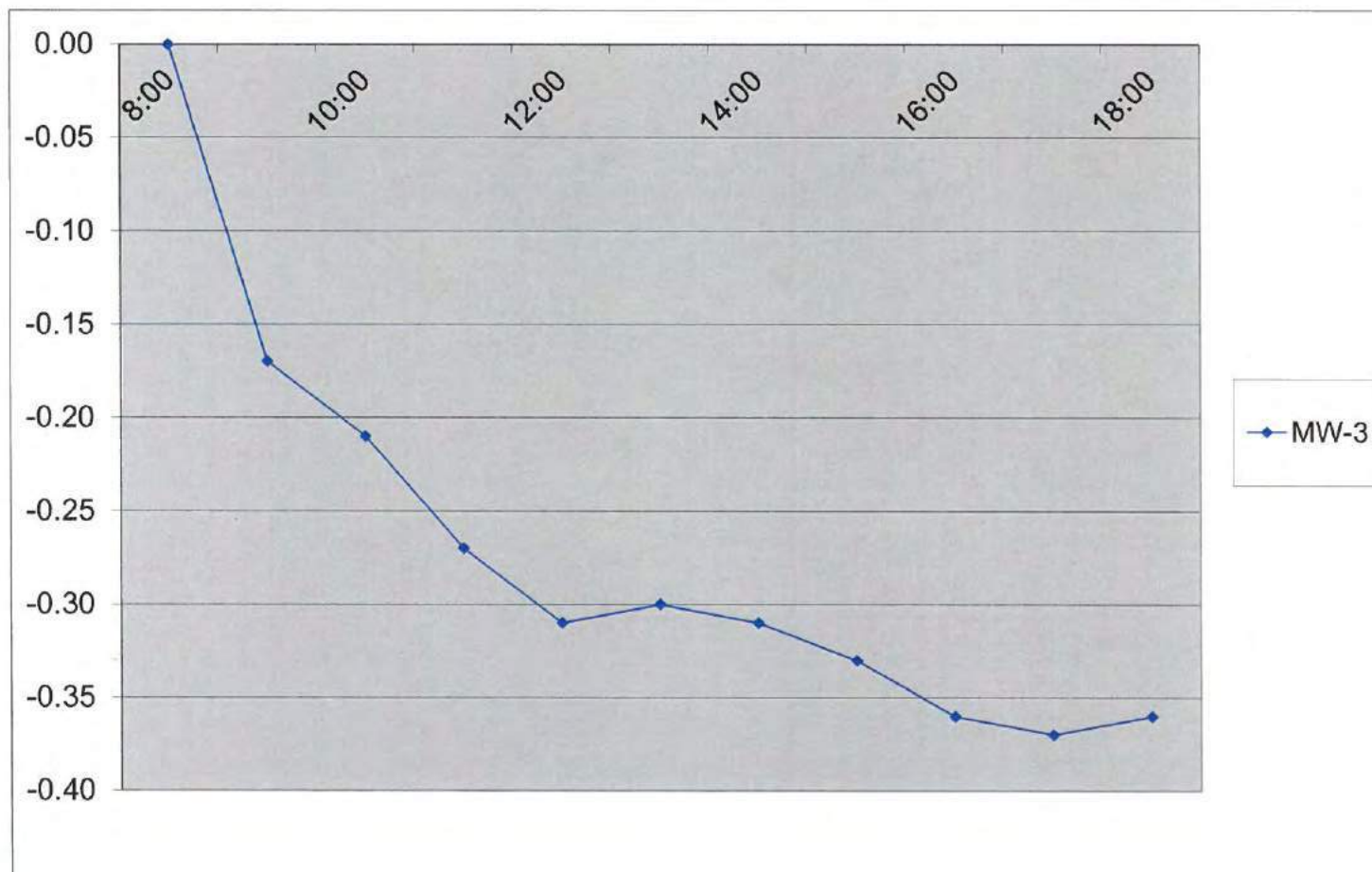


Table 5
Dual Phase Extraction Day Event Summary
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		10-Jul-15		LPST #		0		Product Type Removed		
Facility Address		Hobbs, NM						Event Number		15010-5		Facility ID		0		Gasoline		
Test or Read Time	Thermos				Influent Vapor Temp	Influent Vacuum Pressure	Off Pressure		Therm-Ox. Burn Temp	Conversion TPH ppmv to lbs/hr	Average PPM, All E / Wells	Vapor Removal Rate	Barometric Pressure & Temperature		Total Fuel Pumped /Siphoned	Total Fuel Removal Field Tests	Total Water Removed	Effluent Sample
24 hr. M Time	th. reader				Degrees F	Inches Hg	Inches WC		Fahrenheit	TPH	PPM	Lbs./Hr/CFM	Inches Hg.	Fahrenheit	Gals.	Gals.	Gals in Tank	PPM
9:00	-				72	21	3		1,421	1.75E-05	39,187		-	-	-	-	158	-
10:00	-				78	21	3		1,413	1.75E-05	38,687		-	-	-	-	371	-
11:00	-				78	21	3		1,415	1.75E-05	37,687		-	-	-	-	584	-
12:00	-				88	21	3		1,411	1.75E-05	36,687		-	-	-	-	758	-
13:00	-				90	21	3		1,413	1.75E-05	36,000		-	-	-	-	931	-
14:00	-				92	21	3		1,416	1.75E-05	35,500		-	-	-	-	1,107	-
15:00	-				96	21	3		1,412	1.75E-05	34,687		-	-	-	-	1,306	-
16:00	-				96	21	3		1,417	1.75E-05	34,167		-	-	-	-	1,492	-
17:00	-				90	21	3		1,416	1.75E-05	34,000		-	-	-	-	1,638	-
18:00	-				84	21	3		1,412	1.75E-05	34,000		-	-	-	-	1,846	-
Average/Hr.	8				86.40	21.00	3.22		1414.50		45062.50				4	-	1,846	-

Executed By:		Alliance Maintenance & Services Inc.
Equipment Operated By:		Cesar Garcia and Jesse Torres
Field Testing By:		Cesar Garcia and Jesse Torres

Vapor Phase Product Removed Using Laboratory Data	
129	Average Pounds Vapor Phase per 10 Hour Event
21	Average Gallons Vapor Phase per 10 Hour Event
4	Gallons Liquid Phase Hydrocarbons recovered in tank
25	Pounds Liquid Phase Hydrocarbons recovered in tank
25	Total Gallons Hydrocarbons Removed
154	Total Pounds Hydrocarbons Removed

Removed Water Stored in Poly Tank	1846
-----------------------------------	------

Abbreviations	
MW = Monitoring Well	LBS/Lb = Pounds
Hg = Mercury	Gal = Gallon
WC = Water Column	Hr = Hour
CFM = Cubic Feet Minute	Mix = Mixture
PPM = Parts per Million	

ANALYTICAL RESULTS

Project: 075016 East Hobbs Junction

Pace Project No.: 60198248

Sample: 075016-071015-SP-INF3		Lab ID: 60198248003	Collected: 07/10/15 16:00	Received: 07/11/15 10:00	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	447	ppmv	81.4	814		07/13/15 16:20	71-43-2	
Ethylbenzene	ND	ppmv	81.4	814		07/13/15 16:20	100-41-4	
Methyl-tert-butyl ether	232	ppmv	81.4	814		07/13/15 16:20	1634-04-4	A4
THC as Gas	21100	ppmv	814	814		07/13/15 16:20		
Toluene	ND	ppmv	81.4	814		07/13/15 16:20	108-88-3	
m&p-Xylene	ND	ppmv	163	814		07/13/15 16:20	179601-23-1	
o-Xylene	ND	ppmv	81.4	814		07/13/15 16:20	95-47-6	

36.40°F
285.50 mmHg
3.22 mmHg
34.31 mmHg

REPORT OF LABORATORY ANALYSIS

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Kerning/Ligatures: 1-11

doi:10.1002/9781118445112.ch12

Customer Information

Name : JEFFREY KASNER	Date : 12 July 1915
Company: Alliance Maintenance & Services, Inc.	Phone : 713-845-1050
Address: 1215 W. 11th St., Houston, TX	Fax : 713-845-1024
Ref. No. : No East Side Junction, Natchez, New Mexico	Tap No. : Oct-Nov 1,3,4,7, 8 Five Working Spigots
Co. No. :	Rp. No. :
Correlation done by :	Stn / Location: Statewide

process infrastructure

Header Type	Vertical	Pipe Size	2.0	Schedule 40
Header Shape	Low Head (R/LP)	ID	2.9478 in.	Wall: 0.1560
		Pipe Mat.	Carbon Steel	Install: Horizontal
Header Mat.	Stainless Steel	Manufacturer	ASTM	
Flow Section	G or KIR	Tag Size	1/8 in. NPT	
Rate	0.0432	Type	Low head (R/LP)	
Thread Size	1.3151 in.	Thread Material	Stainless Steel 316	

Find it. Information.

Flow Rate (G)	1	K20: 18.81	K00040: 110.60	K02: 200.00	SPR/min
Temperature/Bath	TEMP	K20: 40.14	K00040: 36.40	K02: 36.40	
Op. Over/HTP	1.00001	K20: 1.0000	K00040: 1.0000	K02: 1.0000	
Headset (mm)	0.07500	K20: 0.07500	K00040: 0.07500	K02: 0.07500	30a/ft
Pressure/Bath (16.7) PSIA	K20: 245.50		K00040: 245.10	K02: 245.10	14 of 240 G
Massflow	0.218200 Gp				
Rotational Weight	28.500				
			Op/2 Opwr. Heat Ratio: 1.00		
			Compressibility: 0.0000		

Selected model

Description	Low-loss (T/LP) 300 W/mm ² W/mm ² RTT, 80% efficient
Model Number	9-D10-18-RTT

Flow Equation & Parameters

Bravo formula $Be = (2/24) * (26/210) * 2$ WORTH: $CS = H + B + 100 * 2 + Fe + Fe2 = 7 + Fe2 + 212 + 212 + 212 + 212$

Water Cond. Factor (K)	5.3342000000	Mass Flow Inlet (kg)	0.0010
Pipe Diam. (m)	1.007000	Thermal Expansion Factor (Pa)	1.100247
Compress. Factor (kg)	1.0000	Pressure Base Factor (kg)	1.000
Temp. Base Factor	1.000	Specific Density Factor (kg/m³)	1.000

Flowing Pressure (PSI) FIPA	MCN: 8.4235	NORMAL: 8.4235	MAX: 8.4235
Reynolds Number (Re)	MCN: 26124	NORMAL: 79421	MAX: 121592
Reynolds Factor (Re)	MCN: 0.5607	NORMAL: 0.5607	MAX: 1.45919
Gas Expansion Factor (Y)	MCN: 1.0003	NORMAL: 1.0003	MAX: 2.0009
Flow Deviation Factor (F _{TP})	MCN: 0.3755	NORMAL: 0.3755	MAX: 0.4759

Calculation Results

Flow Rate (gal)	MIN	16,820	MODALL	139,010	MAX	219,010	SPCS/Week
Flow Control (CI)	MOD	8.5246	MODALL	9.1464	MAX	9.2277	
Diff. Strength (mg)	MIN	1.383	MODALL	17.475	MAX	186.245	in ml 820

The accuracy of VULF Barlow installed in accordance with AIAA/TSO recommendations is ± 1 percent calibrated (coefficient of discharge subject to correction for Reynolds number dependence), or ± 2.3 percent calibrated.

www.elsevier.com/locate/jmb

low Reynolds No. at Min. Flow Max Pressure Loss = 0.1216 in at 420 GPM (2.01 ft)
Accuracy: +/- 2% at Min. Flow
Rate = 0.4152

Table 6

Alliance Maintenance & Services, Inc.

Calculated Vapor Concentration from Laboratory Data

Facility Name				P66 East Hobbs Junction				Event Date		10-Jul-15	
Facility Address				Hobbs, NM				Event Number		15010-5	
Lab Name				Pace Analytical				Lab Name		Pace Analytical	
		Time	Results	Units				Time	Results	Units	
One hour from beginning				ugl		One hour from beginning				ppmv	
Midway through event				ugl		Midway through event				ppmv	
One hour prior to ending		16:00		ugl		One hour prior to ending		16:00	21100	ppmv	
Average Well Flow SCFM					34.81	Average Well Flow SCFM					34.81
Average Lab results						Average lab results					21100
ug/l X 28.32 liters per cubic foot		equals	ug/cu.ft.			34.81		Well Flow			
ug/cubic foot X average SCFM		equals	ug/minute			21100		Average Lab Results			
ug/minute /1,000,000,000		equals	kg/minute								
kg/minute X 2.20462		equals	pounds/minute			12.8638824		lbs per hour			
pounds/minute X 600 minutes		equals	lbs per 10 hour event								
pound per 10 hours/6.25 lb/gallon		equals	gallons/10 hour event			128.638824		lbs per 10 hour event			
0		ug/cu.ft.									
34.81		average SCFM									
0		ug/min.									
0		kg/min									
0		kg/10 hours									
0		lbs/10 hours									
0		gals/10 hours									
129		Average Pounds Vapor Phase per 10 Hour Event									



INVOICE

3233 W 11th St #1000
Houston, TX 77008
713-863-0000 PH
713-863-1004 FAX

DATE: 12/11/15

DUE DATE NET 120 DAYS

INVOICE 950 - 6326

JOB # 15010-6

P.O. # 34-003558

BILLED TO GHD Services Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS 2055 Niagara Falls Blvd., Ste. 3 1755 Wittington Place, Suite 500

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 8 hr Mobile Dual Phase Extraction Event

Date: 19-Nov-15

Event #: 6

LINE ITEMS:	DESCRIPTION	TOTAL
	MDPE Equipment and Personnel	\$3,600.00
	MOB	\$1,850.00

SUBTOTAL \$ 5,450.00

TAX

TOTAL \$ 5,450.00

INVOICE WORKSHEET

DATE:	<u>11-Dec-15</u>	DEPT	<u>950</u>
W/O #	<u> </u>	JOB #	<u>15010-6</u>
PO #	<u>34-003558</u>		

BILLED TO	GHD Services Inc.	
ATTN:	Accounts Payable	CC: Moshghan Mansoori
ADDRESS	2055 Niagara Falls Blvd., Ste. 3	1755 Wittington Place, Suite 500
	Niagara Falls, NY 14304	Dallas, TX 75234

SITE NAME	P66 East Hobbs Junction
ADDRESS	Hobbs, New Mexico

SCOPE OF WORK:	8 hr	Mobile Dual Phase Extraction Event
	Date:	19-Nov-2015
	Event #:	6

LINE ITEMS:	<u>DESCRIPTION</u>	<u>TOTAL</u>
	MDPE Equipment and Personnel	\$ 3,600.00
	MOB	\$ 1,850.00
	SUBTOTAL	\$ 5,450.00
	TAX	
	TOTAL	

SPECIAL INSTRUCTIONS: _____

Alliance Maintenance & Services, Inc.
713-863-0000 ext. 102
3233 West 11th Street, Suite 1000
Houston, Texas 77008

Approval Authorization
for MDPE Event

Client Address GHD
Moshghan Mansoori
1755 Wittington Place, Suite 500
Dallas, Texas 75234
Mike Terrell 817-975-7411

Client Project Number

AMS Project Number 15010-6 & 15010-7

Facility Address see map

Facility Name P66 East Hobbs Junction

Start Date 19 & 20 November 2015

Field Contact Denver Lake 281-830-2784 Alliance Maintenance & Services, Inc.

Scope: Mobile Enhanced Vacuum Recovery (EVR) or Mobile Dual Phase Extraction

Alliance will provide all necessary equipment and personnel required to perform EVR or MDPE on the following wells:

Extraction Wells **MW-1, MW-2 & MW-9**

- Number of hours in operation **2 - 8 hr events**
- Alliance to provide holding tank
- GHD to coordinate fluid pick up
- Alliance will gage wells prior to, and after event.
- Alliance will take influent vapor and/or effluent vapor samples upon request.

- \$1350.00 Field Personnel/8 hr
- \$2250.00 DPE Equipment/8 hr
- \$1850.00 MOB
- \$450.00 each hour over 8 hrs
- \$12.00/each ~~Fedler Bags (7)~~ *sent from lab*
- Direct Bill waste
- Direct Bill Pace Analytical

Beginning
Midpoint
Ending

samples TO 3 with Lab
1 influent TPH + Effluents (BTEX/TPH)
1 influent TPH/BTEX
1 influent TPH/BTEX

Accepted by:

GHD
(Company Name)

Moshghan Mansoori
(Printed Name)

Mansoori
(Signature)

11-17-15
(Date)



December 11, 2015

Ms. Moshghan Mansoori
GHD
2270 Spring Lake Road, Suite 800
Dallas, Texas 75234

**Re: Mobile Enhanced Vacuum Recovery (EVR)
Event # 6**

Facility Name:	P66 East Hobbs Junction
Facility Address:	Hobbs, New Mexico
Date of Service:	November 19, 2015
Estimate of product in liquid form:	1 Gallon (6 pounds)
Estimate of product in vapor form:	13 Gallons (83 pounds)
Estimate of total fluids removed:	1565 Gallons
TOTAL PRODUCT (VAPOR AND LIQUID)	<u>14 Gallons and 89 pounds</u>

Dear Ms. Mansoori:

In response to your Request for Services, Alliance Maintenance & Services, Inc. performed one 8 hr Mobile Dual Phase Extraction (MDPE) event at the above referenced site on November 19, 2015. The MDPE event was conducted using the OXY-VAC system of vacuum pumps with a thermal oxidizer having destruction efficiency rating of 99.9 percent. This letter serves to report on field activities and the results of the MDPE event.

The MDPE event began with measuring the depths to water and phase-separated hydrocarbons (PSH) in monitoring wells using an interface probe. Groundwater measurements, before and after the event, can be found in Table 1. One well (MW-3) not containing PSH or too distant from extraction wells was sealed to measure vacuum or pressure during event. The extraction wells (MW-1, MW-2, & MW-9) were fitted with a wellhead adapter and vacuum drop tubes. The drop tubes are used to remove fluids from the well and are placed in the known smear zone or the PSH-air interface measured at the beginning of field activities. Vacuum hoses are attached between the vacuum pumps and the well head adapters and monitored via gauges mounted on the well adapters. Vacuum and flow are adjusted to optimally remove PSH and vapor from the extraction wells. Equipment parameters are presented in Table 2. Influent and effluent contaminant concentrations are recorded at regular intervals during the MDPE event. These field parameters are presented in Table 3. The vacuum and/or pressure in each monitored well are also measured at regular intervals; those readings are presented in Table 4. Table 5 presents an MDPE event summary that includes the amount of vapor, PSH and total fluids removed during the event.

Alliance Maintenance & Services, Inc.

3233 W. 11th, Suite 1000 • Houston, Texas 77008 • 713-863-0000 • 713-863-1004 Fax

At the P66 East Hobbs Junction site, approximately 1565 gallons of total fluids were removed from the wells at the site including 1 gallon (6 pounds) liquid phase hydrocarbons and 13 gallons (83 pounds) vapor form hydrocarbons.

During the field activities, there were three wells (MW-1, MW-2 & MW-9) with an accumulated thickness of 0.28 feet PSH. The well names and fluid levels are noted in Table 1.

Although best efforts are used in field sampling and testing, controlled laboratory testing is the most accurate method of determining contaminant concentrations in air and fluids removed from the extraction wells. Alliance uses vapor sample results and a formula recommended by the TCEQ to convert vapor concentrations to liquid volume.

We appreciate the opportunity to be of service to GHD Services Inc. If you have any questions regarding the data included herein, please contact me at 713-863-0000, extension 102. I look forward to working with you on the next MDPE project.

Sincerely,



Leslie Loveless

Alliance Maintenance & Services, Inc.

Table 1
 Depths to Groundwater
 Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	19-Nov-15		
Facility Address	Hobbs, NM	Project Number	15010-6		

TIME:	Before Start of Event						End of Event			End of Event		
Well ID #	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness		Stinger Depth		Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness		Water Ending Difference	PSH. Ending Difference
MW-1	30.55	30.77	0.22		32.00			32.00	0.00		1.23	-0.22
MW-2	31.63	31.66	0.03		33.00			33.00	0.00		1.34	-0.03
MW-3		30.83	0.00					30.87	0.00		0.04	0.00
MW-9	32.21	32.24	0.03		33.00			33.00	0.00		0.76	-0.03

0.28

0.00

Table 2
Equipment Operation
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		19-Nov-15		LPST #	0
Facility Address		Hobbs, NM						Event Number		15010-6		Facility ID	0
Test Time	Thermox				Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure		Therm-Ox. Burn Temp	External Fuel Use % of Tank	External Fuel Use % of Tank		
24 hr. Clock	Hr. meter				Degrees F	Inches Hg	Inches WC		Fahrenheit	Propane#1	Propane#2		
9:00										85%			
10:00					58	21.0	3.36		1416	81%			
11:00					60	21.0	3.78		1413	79%			
12:00					63	21.0	4.13		1411	76%			
13:00					64	21.0	4.31		1416	71%			
14:00					67	21.0	4.29		1412	67%			
15:00					66	21.0	4.33		1415	64%			
16:00					65	21.0	4.37		1411	61%			
17:00					60	21.0	4.41		1413	58%			
Average per Hr.				285.50	62.88	21.00	4.12		1413.38	27%			

		observed
Start Time	Shut Down Time	Thermox Run Time
9:00	17:00	8 hrs

Cumulative Run Time	8 hrs
---------------------	-------

Table 3
Field Parameters
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		19-Nov-15			LPST #		0							
Facility Address		Hobbs, NM						Event Number		15010-6			Facility ID		0							
Test Time	Test Wells at Sample Ports ((PPM) at well head)											Barometric Pressure & Temperature		Total Product Pumped / Siphoned	Sample Accumulative Test Port	Effluent Sample			Total Fluids Removed	Average PPM, All Event Wells		
24 hr. Clock	MW-1			MW-2			MW-9															
	PPM			PPM			PPM			PPM			Inches Hg.	Fahrenheit	Gal's	PPM	CO2-%	O2-%	PPM	Gal in Tank	PPM	
9:00	50,000			50,000			7,500								0					0.0	255	35,833
10:00	50,000			50,000			7,000													0.0	419	35,867
11:00	50,000			50,000			7,000													0.0	588	35,867
12:00	50,000			50,000			6,500													0.0	798	35,500
13:00	50,000			50,000			6,500													0.0	971	35,500
14:00	50,000			50,000			6,000													0.0	1,134	35,333
15:00	50,000			50,000			6,000													0.0	1,347	35,333
16:00	50,000			50,000			5,500													0.0	1,565	35,167
17:00	50,000			50,000			5,500													0.0	1,565	35,167
MicroFID maximum detection limit is 50,000 ppm. Entries noted as 50,000 represent recordings in excess of maximum detection limits.															1					1,565		

Notes	
7:00	On site. Open all wells. Tailgate safety meeting. Measure fluid levels in wells. Cap observation wells. Set up on extraction wells.
9:00	Start MDPE event. Calibrate instruments.
10:00	Field parameters. Collect influent vapor (TPH) and effluent (BTX/TPH) sample for lab.
11:00	Field parameters.
12:00	Field parameters.
13:00	Field parameters.
14:00	Field parameters.
15:00	Field parameters.
16:00	Field parameters. Collect influent vapor (TPH) sample for lab.
17:00	Field parameters. End MDPE event.

Table 4
Monitor Well Vacuum/Pressure Over Time
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	19-Nov-15	LPST #	0
Facility Address	Hobbs, NM	Event Number	15010-6	Facility ID	0

OBSERVED WELL VACUUM ("WC)

Time	MW-3
9:00	0.00
10:00	-0.31
11:00	-0.35
12:00	-0.39
13:00	-0.37
14:00	-0.39
15:00	-0.40
16:00	-0.42
17:00	-0.43

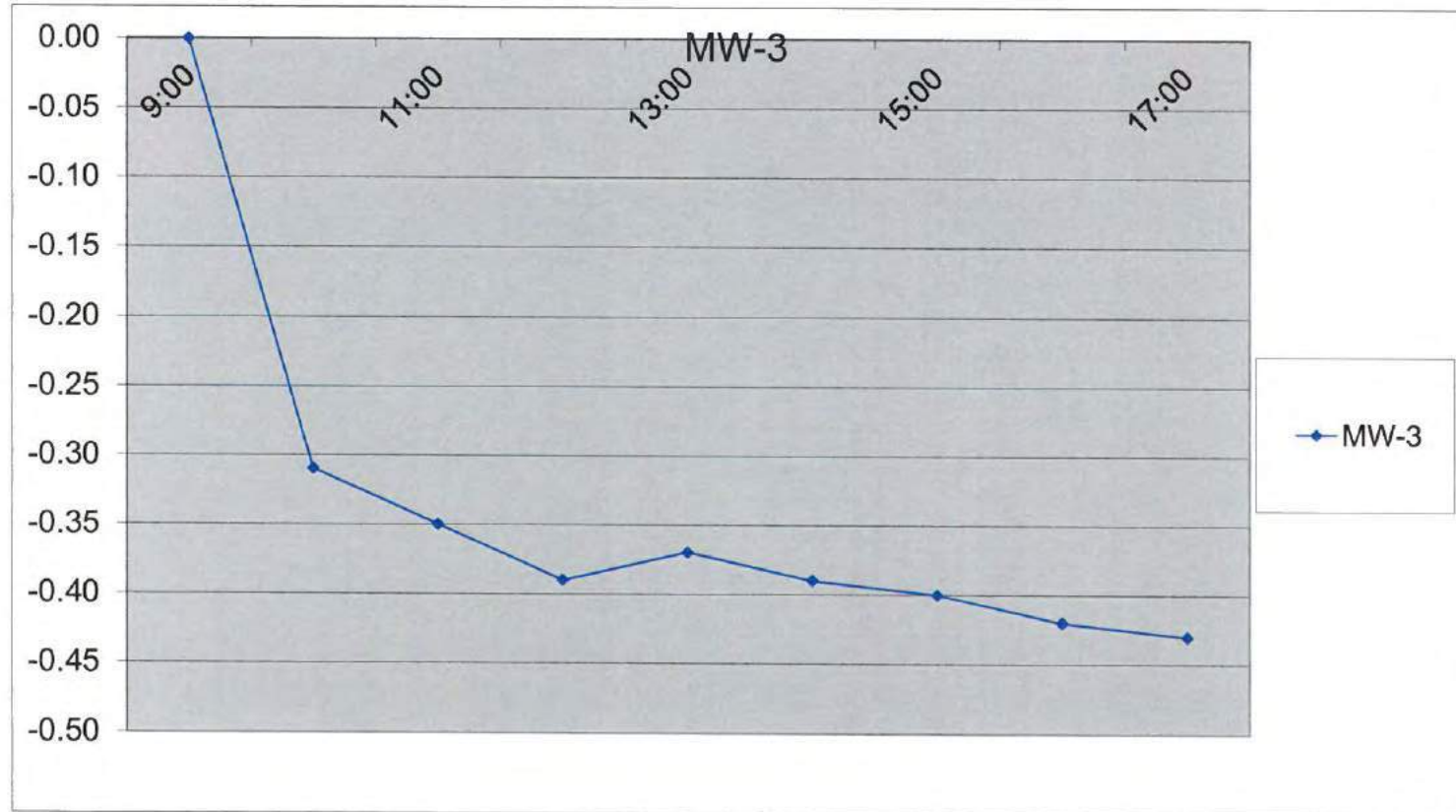


Table 5
Dual Phase Extraction Day Event Summary
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		19-Nov-15		LPST #		0		Product Type Removed	
Facility Address		Hobbs, NM						Event Number		15010-6		Facility ID		0		Gasoline	
Test or Read Time	Thermox				Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure	Therm-Ox Burn Temp	Conversion TPH ppmv to lbs/hr	Average PPM, All E / Wells	Vapor Removal Rate	Barometric Pressure & Temperature		Total Fuel Pumped / Siphoned	Total Fuel Removal Field Tests	Total Water Removed	Effluent Sample
24 hr. M Time	Hg. meter				Degrees F	Inches Hg	Inches WC	Fahrenheit	TPH	PPM	Lbs./Hr/CFM	Inches Hg.	Fahrenheit	GaPs.	GaPs.	Gal in Tank	PPM
10:00	-				58	21	3	1,416	1.75E-05	35,833		-	-	-	-	255	-
11:00	-				60	21	4	1,413	1.75E-05	35,667		-	-	-	-	419	-
12:00	-				63	21	4	1,411	1.75E-05	35,667		-	-	-	-	588	-
13:00	-				64	21	4	1,416	1.75E-05	35,500		-	-	-	-	798	-
14:00	-				67	21	4	1,412	1.75E-05	35,500		-	-	-	-	971	-
15:00	-				66	21	4	1,415	1.75E-05	35,333		-	-	-	-	1,134	-
16:00	-				65	21	4	1,411	1.75E-05	35,333		-	-	-	-	1,347	-
17:00	-				60	21	4	1,413	1.75E-05	35,167		-	-	-	-	1,565	-
Average/Hr.	8				62.66	21.00	4.12	1413.38		35500.00				1	-	1,279	-

Executed By:		Alliance Maintenance & Services Inc.	
Equipment Operated By:		Denver Lake & Cesar Garcia	
Field Testing By:		Denver Lake & Cesar Garcia	

Vapor Phase Product Removed Using Laboratory Data	
83	Average Pounds Vapor Phase per 8 Hour Event
13	Average Gallons Vapor Phase per 12 Hour Event
1	Gallons Liquid Phase Hydrocarbons recovered in tank
6	Pounds Liquid Phase Hydrocarbons recovered in tank
14	Total Gallons Hydrocarbons Removed
89	Total Pounds Hydrocarbons Removed

Removed Water Stored in Poly Tank	1279
-----------------------------------	------

Abbreviations

MPW - Monitoring Well	LB/Lb - Pounds
Hg. - Mercury	Gal. - Gallons
WC - Water Column	Hr - Hour
CFM - Cubic Feet Minute	Mb - Meters
PPM - Parts per Million	

ANALYTICAL RESULTS

Project: 075016 E Hobbs Junc AIR

Pace Project No.: 60208050

Sample: 075016-111915-SP-INF1	Lab ID: 60208050001	Collected: 11/19/15 10:00	Received: 11/23/15 09:30	Matrix: Air				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCY AIR BTEX BAG								
Analytical Method: TO-3 Air								
Benzene	66.6	ppmv	10.0	100		11/24/15 15:59	71-43-2	
Ethylbenzene	14.3	ppmv	10.0	100		11/24/15 15:59	100-41-4	
Methyl-tert-butyl ether	283	ppmv	10.0	100		11/24/15 15:59	1634-04-4	A1
THC as Gas	24100	ppmv	100	100		11/24/15 15:59		E
Toluene	37.8	ppmv	10.0	100		11/24/15 15:59	108-88-3	
m&p-Xylene	38.3	ppmv	20.0	100		11/24/15 15:59	179601-23-1	
o-Xylene	10.1	ppmv	10.0	100		11/24/15 15:59	95-47-6	

Daryl
 A
 62.88°F
 285.50 mmHg
 4.12 mmHg
 40.22 secm

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E Hobbs Junc AIR

Pace Project No.: 60208050

Sample: 075016-111915-SP-EFF1 Lab ID: 60208050002 Collected: 11/19/15 16:00 Received: 11/23/15 09:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	ND	ppmv	0.10	1		11/24/15 14:20	71-43-2	
Ethylbenzene	ND	ppmv	0.10	1		11/24/15 14:20	100-41-4	
Methyl-tert-butyl ether	ND	ppmv	0.10	1		11/24/15 14:20	1634-04-4	A1
THC as Gas	15.6	ppmv	1.0	1		11/24/15 14:20		
Toluene	ND	ppmv	0.10	1		11/24/15 14:20	108-88-3	
m&p-Xylene	0.21	ppmv	0.20	1		11/24/15 14:20	179601-23-1	
o-Xylene	ND	ppmv	0.10	1		11/24/15 14:20	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 E Hobbs Junc AIR

Pace Project No.: 60208050

Sample: 075016-111915-SP-INF2		Lab ID: 60208050003	Collected: 11/19/15 16:00	Received: 11/23/15 09:30	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	311	ppmv	10.0	100		11/24/15 16:12	71-43-2	
Ethylbenzene	45.3	ppmv	10.0	100		11/24/15 16:12	100-41-4	
Methyl-tert-butyl ether	129	ppmv	10.0	100		11/24/15 16:12	1634-04-4	A1
THC as Gas	17400	ppmv	100	100		11/24/15 16:12		E
Toluene	63.3	ppmv	10.0	100		11/24/15 16:12	108-88-3	
m&p-Xylene	ND	ppmv	20.0	100		11/24/15 16:12	179601-23-1	
o-Xylene	27.1	ppmv	10.0	100		11/24/15 16:12	95-47-6	

REPORT OF LABORATORY ANALYSIS

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Customer Information		Project/Job		Application/Notes	
Name :	Project Manager	Date :	12 November 1991		
Company :	Maintenance Maintenance & Services, Inc.	Phone :	713-863-1800		
Address :	2213 W. 11th St., Houston, TX	Fax :	713-863-1808		
Ref. No. :	701 West 10th Street, Houston, New Mexico	Tag No. :	Dep. No. 1, 2, 3, 4, 48 Flow Metering Equipment		
No. M. :		No. M. :			
Calculation Done By :		Job / Location: B0000000			
Process Information					
Meter Type :	Venturi	Pipe Size :	2.0	Schedule 40	
Meter Shape :	Low Loss (V/LSS)	ID :	2.0675 in.	Wall: 0.1149	
		Pipe Mat. :	Carbon Steel	Install: Horizontal	
Meter Mat. :	Stainless Steel	Std/Std Cn. :	40T		
Flow Medium :	Gas -> Air	Tap Size :	1/8 in.	40T	
Rate :	0.0001	Type :	Low Loss (V/LSS)		
Throat Dia. :	1.3750 in.	Throat Material :	Stainless Steel 316		
Fluid Information					
Flow Rate (Qd) :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Temperature (T) :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Sp. Grav. (SG) :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Density (D) :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Pressure (P) :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Viscosity :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Molecular Weight :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Installed Meter					
Description : Low Loss (V/LSS) 100 Series/Version 40T Horizontal					
Model Number : V-100-10-40T					
Flow Equation & Parameters					
Basic Formula No. 1 (V/LSS) (Qd/C) = 0.0001					
Basic Form. Factor (F) : 0.0001					
Pipe Diam. (ID) : 2.0675					
Compress. Factor (Z) : 1.000					
Temp. Rank Factor : 1.000					
Flowing Pressure (P) (PSIA) : 0.0001					
Repeatability Number (Re) : 0.0001					
Repeatability Factor (P) : 0.0001					
Gas Expansion Factor (G) : 0.0001					
Flow Temperature Factor (P) : 0.0001					
Calculation Results					
Flow Rate (Qd) :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Flow Constant (C) :	0.0001	MMAL :	0.0001	MAZ :	0.0001
Diff. Pressure (P) :	0.0001	MMAL :	0.0001	MAZ :	0.0001
The accuracy of V/LSS Series installed in accordance with AGA/ISO recommendations is +/- 1 percent uncalibrated coefficient of discharge subject to correction for repeatability number dependency, or +/- 0.5 percent calibrated.					
WARNING					
Low Repeatability No. At 0.0001 Flow					
Max Pressure Loss = 0.0001 in. of H ₂ O (2.00 in.)					
Accuracy: +/- 2% at 0.0001 Flow					
Rate = 0.0001					

Table 6

Alliance Maintenance & Services, Inc.

Calculated Vapor Concentration from Laboratory Data

Facility Name	P66 East Hobbs Junction			Event Date	19-Nov-15			
Facility Address	Hobbs, NM			Event Number	15010-6			
Lab Name	Pace Analytical			Lab Name	Pace Analytical			
	Time	Results	Units		Time	Results	Units	
One hour after start	10:00				One hour after start	10:00	24100	
One hour prior to ending	16:00		ugl		One hour prior to ending	16:00	17400	ppmv
Average Well Flow SCFM			40.22	Average Well Flow SCFM			28.62	
Average Lab results				Average lab results			20750	
ug/l X 28.32 liters per cubic foot equals ug/cu.ft.				28.62 Well Flow				
ug/cubic foot X average SCFM equals ug/minute				20750 Average Lab Results				
ug/minute /1,000,000,000 equals kg/minute								
kg/minute X 2.20462 equals pounds/minute				10.4009573 lbs per hour				
pounds/minute X 480 minutes equals lbs per 8 hour event								
pound per 8 hours/6.25 lb/gallon equals gallons/8 hour event				83.2076582 lbs per 8 hour event				
0 ug/cu.ft.								
40.22 average SCFM								
0 ug/min.								
0 kg/min								
0 kg/8 hours								
0 lbs/8 hours								
0 gals/8 hours								
83 Average Pounds Vapor Phase per 8 Hour Event								
13.3132253 Average Gallons Vapor Phase per 8 Hour Event								



INVOICE

3233 W 11th St #1000
Houston, TX 77008
713-863-0000 PH
713-863-1004 FAX

DATE: 12/11/15

DUE DATE NET 120 DAYS

INVOICE 950 - 6327

JOB # 15010-7

P.O. # 34-003558

BILLED TO GHD Services Inc.
ATTN: Accounts Payable CC: Moshghan Mansoori
ADDRESS 2055 Niagara Falls Blvd., Ste. 3 1755 Wittington Place, Suite 500
Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction
ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 8 hr Mobile Dual Phase Extraction Event
Date: 20-Nov-15
Event #: 7

LINE ITEMS:	DESCRIPTION	TOTAL
	MDPE Equipment and Personnel	\$3,600.00

SUBTOTAL \$ 3,600.00
TAX
TOTAL \$ 3,600.00

INVOICE WORKSHEET

DATE: 11-Dec-15

DEPT 950

W/O # _____

JOB # 15010-7

PO # 34-003558

BILLED TO GHD Services Inc.

ATTN: Accounts Payable CC: Moshghan Mansoori

ADDRESS	2055 Niagara Falls Blvd., Ste. 3	1755 Wittington Place, Suite 500
---------	----------------------------------	----------------------------------

Niagara Falls, NY 14304 Dallas, TX 75234

SITE NAME P66 East Hobbs Junction

ADDRESS Hobbs, New Mexico

SCOPE OF WORK: 8 hr Mobile Dual Phase Extraction Event

Date: 20-Nov-2015

Event #: 7

LINE ITEMS:

DESCRIPTION

TOTAL

MDPE Equipment and Personnel	\$ 3,600.00
------------------------------	-------------

SUBTOTAL	\$ 3,600.00
-----------------	--------------------

TAX _____

TOTAL _____

SPECIAL INSTRUCTIONS: _____



December 11, 2015

Ms. Moshghan Mansoori
GHD
2270 Spring Lake Road, Suite 800
Dallas, Texas 75234

**Re: Mobile Enhanced Vacuum Recovery (EVR)
Event # 7**

Facility Name:	P66 East Hobbs Junction
Facility Address:	Hobbs, New Mexico
Date of Service:	November 20, 2015
Estimate of product in liquid form:	0 Gallons (0 pounds)
Estimate of product in vapor form:	12 Gallons (73 pounds)
Estimate of total fluids removed:	1441 Gallons
TOTAL PRODUCT (VAPOR AND LIQUID)	<u>12 Gallons and 73 pounds</u>

Dear Ms. Mansoori:

In response to your Request for Services, Alliance Maintenance & Services, Inc. performed one 8 hr Mobile Dual Phase Extraction (MDPE) event at the above referenced site on November 20, 2015. The MDPE event was conducted using the OXY-VAC system of vacuum pumps with a thermal oxidizer having destruction efficiency rating of 99.9 percent. This letter serves to report on field activities and the results of the MDPE event.

The MDPE event began with measuring the depths to water and phase-separated hydrocarbons (PSH) in monitoring wells using an interface probe. Groundwater measurements, before and after the event, can be found in Table 1. One well (MW-3) not containing PSH or too distant from extraction wells was sealed to measure vacuum or pressure during event. The extraction wells (MW-1, MW-2, & MW-9) were fitted with a wellhead adapter and vacuum drop tubes. The drop tubes are used to remove fluids from the well and are placed in the known smear zone or the PSH-air interface measured at the beginning of field activities. Vacuum hoses are attached between the vacuum pumps and the well head adapters and monitored via gauges mounted on the well adapters. Vacuum and flow are adjusted to optimally remove PSH and vapor from the extraction wells. Equipment parameters are presented in Table 2. Influent and effluent contaminant concentrations are recorded at regular intervals during the MDPE event. These field parameters are presented in Table 3. The vacuum and/or pressure in each monitored well are also measured at regular intervals; those readings are presented in Table 4. Table 5 presents an MDPE event summary that includes the amount of vapor, PSH and total fluids removed during the event.

Alliance Maintenance & Services, Inc.

3233 W. 11th, Suite 1000 • Houston, Texas 77008 • 713-863-0000 • 713-863-1004 Fax

At the P66 East Hobbs Junction site, approximately 1441 gallons of total fluids were removed from the wells at the site including 0 gallons (0 pounds) liquid phase hydrocarbons and 12 gallons (73 pounds) vapor form hydrocarbons.

During the field activities, there was one well (MW-1) with an accumulated thickness of 0.05 feet PSH. The well names and fluid levels are noted in Table 1.

Although best efforts are used in field sampling and testing, controlled laboratory testing is the most accurate method of determining contaminant concentrations in air and fluids removed from the extraction wells. Alliance uses vapor sample results and a formula recommended by the TCEQ to convert vapor concentrations to liquid volume.

We appreciate the opportunity to be of service to GHD Services Inc. If you have any questions regarding the data included herein, please contact me at 713-863-0000, extension 102. I look forward to working with you on the next MDPE project.

Sincerely,



Leslie Loveless

Alliance Maintenance & Services, Inc.

Table 1
 Depths to Groundwater
 Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	20-Nov-15		
Facility Address	Hobbs, NM	Project Number	15010-7		

TIME:	Before Start of Event						End of Event			End of Event	
Well ID #	Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness		Stinger Depth		Depth to PSH from TOC.	Depth of Water from TOC.	PSH. Thickness	Water Ending Difference	PSH. Ending Difference
MW-1	30.61	30.66	0.05		32.00			30.71	0.00	0.05	-0.05
MW-2		31.38	0.00		33.00			31.83	0.00	0.45	0.00
MW-3		30.87	0.00					30.92	0.00	0.05	0.00
MW-9		32.26	0.00		33.00			32.47	0.00	0.21	0.00
			0.05							0.00	

Table 2
Equipment Operation
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction				Event Date		20-Nov-15		LPST #	0
Facility Address		Hobbs, NM				Event Number		15010-7		Facility ID	0
Test Time	Thermox				Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure		Therm-Ox. Burn Temp	External Fuel Use % of Tank	External Fuel Use % of Tank
24 hr. Clock	Hr. meter				Degrees F	Inches Hg	Inches WC		Fahrenheit	Propane#1	Propane#2
7:00											85%
8:00					48	21.0	3.27		1415		83%
9:00					58	21.0	3.34		1411		79%
10:00					60	21.0	3.31		1414		73%
11:00					64	21.0	3.37		1412		69%
12:00					69	21.0	3.43		1416		65%
13:00					72	21.0	3.57		1413		61%
14:00					72	21.0	3.54		1415		57%
15:00					70	21.0	3.59		1411		53%
Average per Hr.				285.50	64.13	21.00	3.43		1413.38		32%

		observed
Start Time	Shut Down Time	Thermox Run Time
7:00	15:00	8 hrs

Cumulative Run Time	8 hrs
---------------------	-------

Table 3
Field Parameters
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		20-Nov-15				LPST #		0				
Facility Address		Hobbs, NM						Event Number		15010-7				Facility ID		0				
Test Time	Test Wells at Sample Ports ((PPM) at well head)											Barometric Pressure & Temperature		1000 Product Pumped /Siphoned	Sample Accumulative Test Port	Effluent Sample			Total Fluids Removed	Average PPM All Event Wells
24 hr. Clock	MW-1			MW-2			MW-9													
7:00	PPM			PPM			PPM			PPM			Inches Hg. Fahrenheit	Gals.	PPM	CO2-%	CO2-%	PPM	Gel in Tank	PPM
8:00	50,000			50,000			6,000							0				0.0	1,618	35,333
9:00	50,000			50,000			6,000											0.0	1,773	35,333
10:00	50,000			50,000			5,500											0.0	1,988	35,167
11:00	50,000			50,000			5,000											0.0	2,198	35,000
12:00	50,000			50,000			5,000											0.0	2,407	35,000
13:00	50,000			50,000			4,500											0.0	2,598	34,833
14:00	50,000			50,000			4,500											0.0	2,764	34,833
15:00	50,000			50,000			4,000											0.0	3,006	34,667
MicroFID maximum detection limit is 50,000 ppm. Entries noted as 50,000 represent recordings in excess of maximum detection limits.														0					1,441	

Notes	
6:00	On site. Open all wells. Tailgate safety meeting. Measure fluid levels in wells. Cap observation wells. Set up on extraction wells.
7:00	Start MDPE event. Calibrate instruments.
8:00	Field parameters.
9:00	Field parameters.
10:00	Field parameters.
11:00	Field parameters.
12:00	Field parameters.
13:00	Field parameters.
14:00	Field parameters. Collect influent vapor (TPH) sample for lab.
15:00	Field parameters. End MDPE event.

Table 4
Monitor Well Vacuum/Pressure Over Time
Alliance Maintenance and Services, Inc.

Facility Name	P66 East Hobbs Junction	Event Date	20-Nov-15	LPST #	0
Facility Address	Hobbs, NM	Event Number	15010-7	Facility ID	0

OBSERVED WELL VACUUM ("WC)

Time	MW-3
7:00	0.00
8:00	-0.27
9:00	-0.32
10:00	-0.34
11:00	-0.31
12:00	-0.32
13:00	-0.35
14:00	-0.34
15:00	-0.36

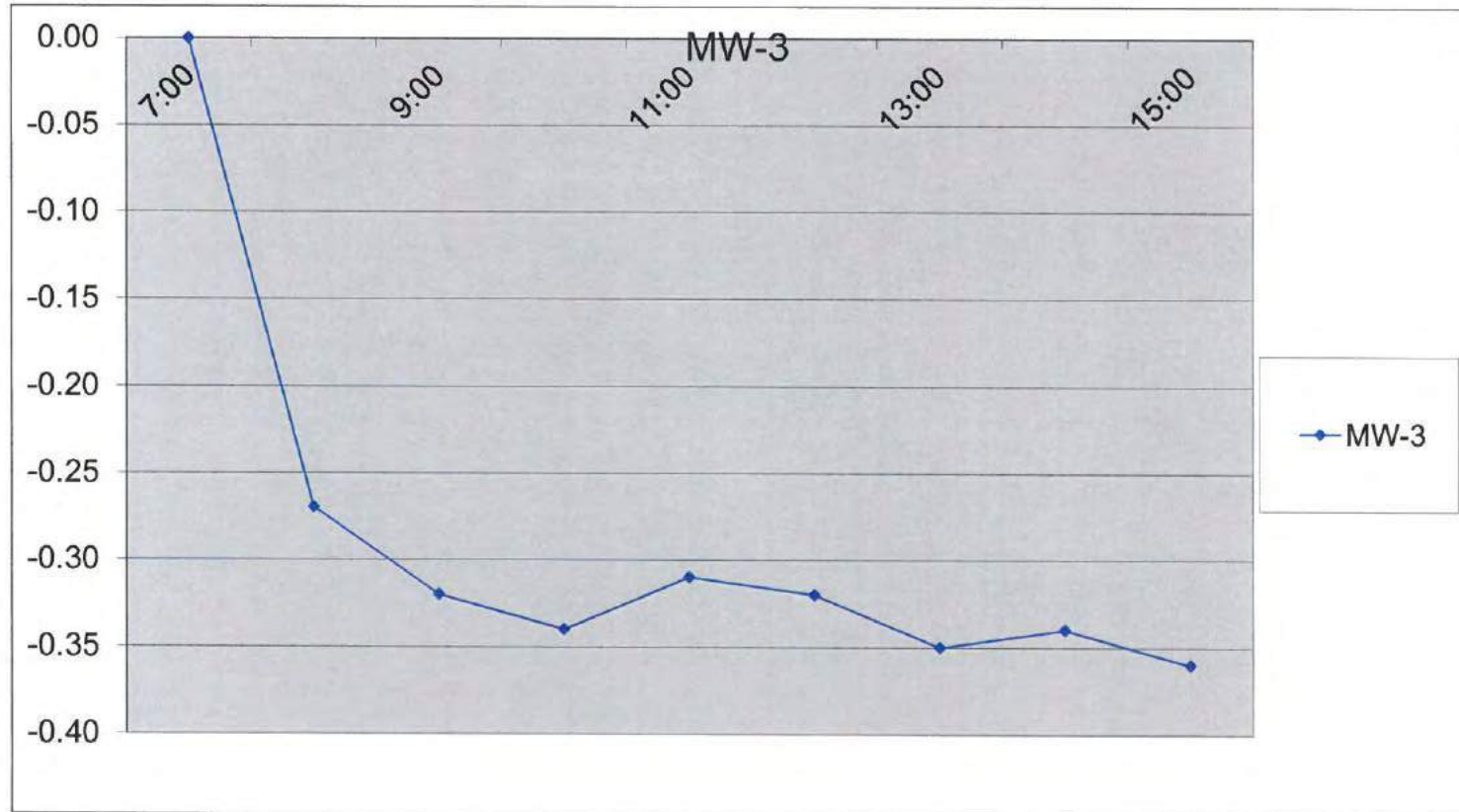


Table 5
Dual Phase Extraction Day Event Summary
Alliance Maintenance and Services, Inc.

Facility Name		P66 East Hobbs Junction						Event Date		20-Nov-15		LPST #		0		Product Type Removed	
Facility Address		Hobbs, NM						Event Number		15010-7		Facility ID		0		Gasoline	
Test or Read Time	Thermas				Influent Vapor Temp	Influent Vacuum Pressure	Diff Pressure	Therm-Ox. Burn Temp	Conversion TPH ppmv to lb/hr	Average PPM, All E / Wells	Vapor Removal Rate	Barometric Pressure & Temperature		Total Fuel Pumped / Siphoned	Total Fuel Removal Field Tests	Total Water Removed	Effluent Sample
24 hr. M Time	Hr. meter				Degrees F	Inches Hg	Inches WC	Fahrenheit	TPH	PPM	Lbs./Hr./CFM	Inches Hg	Fahrenheit	GaFs.	GaFs.	Gal in Tank	PPM
8:00	-				48	21	3	1,415	1.75E-05	35,333		-	-	-	-	1,818	-
9:00	-				58	21	3	1,411	1.75E-05	35,333		-	-	-	-	1,773	-
10:00	-				60	21	3	1,414	1.75E-05	35,167		-	-	-	-	1,986	-
11:00	-				64	21	3	1,412	1.75E-05	35,000		-	-	-	-	2,198	-
12:00	-				69	21	3	1,418	1.75E-05	35,000		-	-	-	-	2,407	-
13:00	-				72	21	4	1,413	1.75E-05	34,833		-	-	-	-	2,598	-
14:00	-				72	21	4	1,415	1.75E-05	34,833		-	-	-	-	2,764	-
15:00	-				70	21	4	1,411	1.75E-05	34,667		-	-	-	-	3,006	-
Average/Hr.	8				64.13	21.00	3.43	1413.38		35020.83				-	-	1,441	-

Executed By:		Alliance Maintenance & Services Inc.	
Equipment Operated By:		Denver Lake & Cesar Garcia	
Field Testing By:		Denver Lake & Cesar Garcia	

Vapor Phase Product Removed Using Laboratory Data	
73	Average Pounds Vapor Phase per 8 Hour Event
12	Average Gallons Vapor Phase per 12 Hour Event
9	Gallons Liquid Phase Hydrocarbons recovered in tank
0	Pounds Liquid Phase Hydrocarbons recovered in tank
12	Total Gallons Hydrocarbons Removed
73	Total Pounds Hydrocarbons Removed

Removed Water Stored in Poly Tank	1441
-----------------------------------	------

Abbreviations

MW= Monitoring Well	LRLRs= Pounds
Hg = Mercury	Gal = Gallon
WC = Water Column	Hr = Hour
CFM = Cubic Feet Minute	Min = Minute
PPM = Parts per Million	

ANALYTICAL RESULTS

Project: 075016 E Hobbs Junc AIR

Pace Project No.: 60208050

Sample: 075016-111915-SP-INF3	Lab ID: 60208050004	Collected: 11/20/15 14:00	Received: 11/23/15 09:30	Matrix: Air				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG								
Analytical Method: TO-3 Air								
Benzene	86.9	ppmv	10.0	100		11/24/15 16:27	71-43-2	
Ethylbenzene	73.7	ppmv	10.0	100		11/24/15 16:27	100-41-4	
Methyl-tert-butyl ether	172	ppmv	10.0	100		11/24/15 16:27	1634-04-4	A1
THC as Gas	18100	ppmv	100	100		11/24/15 16:27		E
Toluene	38.7	ppmv	10.0	100		11/24/15 16:27	108-88-3	
m&p-Xylene	ND	ppmv	20.0	100		11/24/15 16:27	179601-23-1	
o-Xylene	11.3	ppmv	10.0	100		11/24/15 16:27	95-47-6	

Day 2
^
64.13 °F
285.50 mmHg
3.43 inHg
36.66 scfm

REPORT OF LABORATORY ANALYSIS

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Table 6

Alliance Maintenance & Services, Inc.

Calculated Vapor Concentration from Laboratory Data

Facility Name	P66 East Hobbs Junction			Event Date	20-Nov-15		
Facility Address	Hobbs, NM			Event Number	15010-7		
Lab Name	Pace Analytical			Lab Name	Pace Analytical		
	Time	Results	Units		Time	Results	Units
One hour prior to ending	14:00		ugl		One hour prior to ending	14:00	18100 ppmv
Average Well Flow SCFM					Average Well Flow SCFM		28.62
Average Lab results					Average lab results		18100
ug/l X 28.32 liters per cubic foot	equals	ug/cu.ft.		28.62	Well Flow		
ug/cubic foot X average SCFM	equals	ug/minute		18100	Average Lab Results		
ug/minute /1,000,000,000	equals	kg/minute					
kg/minute X 2.20462	equals	pounds/minute		9.07264225	lbs per hour		
pounds/minute X 480 minutes	equals	lbs per 8 hour event					
pound per 8 hours/6.25 lb/gallon	equals	gallons/8 hour event		72.581138	lbs per 8 hour event		
0	ug/cu.ft.						
0.00	average SCFM						
0	ug/min.						
0	kg/min						
0	kg/8 hours						
0	lbs/8 hours						
0	gals/8 hours						
73	Average Pounds Vapor Phase per 8 Hour Event			11.6129821	Average Gallons Vapor Phase per 8 Hour Event		