2016 Annual Groundwater Monitoring and Remediation Report

East Hobbs Junction
Lea County, New Mexico

Phillips 66 Company

GHD | 14998 West 6th Avenue, Suite 800, Golden, Colorado 80501

075016| Report No 12 |March 28, 2017

Executive Summary

GHD conducted semiannual groundwater monitoring on March 21, 2016 and September 22, 2016 at the Phillips 66 East Hobbs Junction in Hobbs, New Mexico. Groundwater levels were measured in all Site monitor wells using an oil/water interface probe prior to purging and sampling. Free product was detected in monitor wells MW-1, MW-2 (March 2016), MW-9 (September 2016), and MW-21 during the 2016 monitoring events.

Fourteen groundwater samples were collected during the first semiannual event, and sixteen groundwater samples were collected during the second semiannual event. Groundwater samples were submitted under chain of custody documentation to Pace Analytical Laboratories of Lenexa, Kansas. The samples were analyzed for benzene, toluene, ethylbenzene, xylenes, total petroleum hydrocarbons–gasoline range organics, total petroleum hydrocarbons – diesel range organics, and chloride.

Groundwater samples collected from monitor wells MW-3, MW-4, MW-6, MW-8, MW-10, MW-12, MW-18 were reported by the laboratory above the New Mexico Water Quality Control Commission's groundwater quality standards during the semiannual monitoring events.

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1. Introduction

GHD Services Inc. (GHD) prepared this *2016 Annual Groundwater Monitoring and Remediation Report* on behalf of Phillips 66 Company (Phillips 66). This report summarizes groundwater monitoring, sampling, and routine operations and maintenance (O&M) activities at East Hobbs Junction (Site) in 2016. The report presents the following:

- Site Description and History
- Regulatory Framework
- Groundwater Monitoring and Sampling
- Groundwater Remediation Activities
- Summary and Recommendations

2. Site Description and History

The Site is located in Lea County, New Mexico (Section 08, Township 19S, Range 38E; Figure 1). Site remedial activities began in January 2000, following the discovery of a release of crude oil from a gathering line at the East Hobbs Junction. The property on which the release occurred is largely undeveloped arid land.

On March 23, 1999, Phillips 66 personnel discovered a release of unrefined petroleum products (crude oil) associated with a local well field gathering pipeline system located near the town of Hobbs, New Mexico. The area consists of several gathering lines which meet in one locality. The failed line was a six inch diameter line which was not in service but was open to the main line. The line leak was noted by the evidence of oil impacts on the ground surface in the area of the release. The quantity of crude oil released was not known. Phillips 66 excavated approximately 200 cubic yards of petroleum impacted soil from around and below the release location. The limits of the excavation were approximately 10 feet wide by 60 feet long and averaged approximately 6-8 feet deep with the deepest extent around 12 feet. Excavation activities were halted because of other active petroleum pipelines present in the area. Three groundwater monitor wells were then installed and approximately three feet of crude oil was detected on the water Table in each monitor well.

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 impacts. The remediation system installation consisted of soil vapor extraction (SVE), air sparge (AS), and light non-aqueous phase liquid (LNAPL) recovery. Figure 2 illustrates the locations of the existing pipeline corridors, the Site monitor 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, O&M and required monitoring activities until September 2003. In September 2003, Tetra Tech assumed responsibility for the remedial oversight duties at the Site. On August 5, 2008, the SVE and AS systems were converted into a bioventing system utilizing electronic timers to cycle the periods of operation to promote oxygen enhancement in the vadose zone to encourage

biodegradation. The skimmer pumps have been removed from all monitor wells except MW-2 and MW-9.

In August 2011, GHD (formerly Conestoga-Rovers and Associates) was retained as the environmental consultant for the Site by Phillips 66. Periodic operation and maintenance (O&M) of the remediation system was performed until the skimming operations were shut down in 2014 due to mechanical problems. Remedial activities have continued with the use of mobile dual phase extraction (MDPE) to remove residual LNAPL to the extent practical. Semiannual groundwater monitoring and sampling is completed during the first and third quarters of each year.

3. Regulatory Framework

The New Mexico Environmental Department (NMED) is the regulatory agency overseeing the cleanup of petroleum hydrocarbon impacts associated with the Site. The NMED uses groundwater quality standards contained in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC[1]) for groundwater cleanup.

The New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards are listed in the following constituents of concern Table for comparison purposes and evaluation of groundwater analytical results contained in this report.

Table 3.1 Groundwater Constituent of Concern Table

Constituent Of Concern	NMWQCC Standards (mg/L)
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75
Xylenes	0.62
TPH-DRO	NA
TPH-GRO	NA
Chloride	250

TPH-DRO – Total Petroleum Hydrocarbons-Diesel Range Organics
TPH-GRO – Total Petroleum Hydrocarbons-Gasoline Range Organics

4. Groundwater Monitoring and Sampling

4.1 Groundwater Monitoring – March 2016

GHD personnel gauged 28 on-site monitor wells on March 21, 2016 to measure groundwater elevation. Well caps were removed before gauging to allow groundwater levels to equilibrate. An oil/water interface probe was used to measure groundwater depths and check for the presence of

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

LNAPL in each of the monitor wells. Groundwater measurements proceeded from clean wells to the wells containing LNAPL. The oil/water interface probe was cleaned with an Alconox®/de-ionized water solution and rinsed with de-ionized water after each use.

Groundwater elevations ranged from 3570.78 feet-above mean sea level (ft-amsl) at MW-20 to 3576.77 ft-amsl at MW-8. Regional groundwater flows are variable.

Table 1 presents the 2016 Groundwater Elevation Data for 2016; Table 2 presents the Historical Groundwater Elevation Data. Figure 3 presents Groundwater Gradient Map – March 21, 2016.

4.2 Groundwater Sampling – March 2016

GHD personnel collected samples for the first semiannual groundwater sampling event from 14 on-site monitor wells on March 22, 2016. Groundwater samples were collected from MW-3, MW-6, MW-8, MW-10, MW-12, MW-13, MW-14, MW-18, MW-22, MW-23, MW-24, MW-25, MW-26 and MW-27. Three monitor wells (MW-1, MW-2, and MW-9) were not sampled due to the presence of LNAPL.

Samples were collected via traditional bailer method. The groundwater samples, including a duplicate sample, were collected with clean, disposable bailers, decanted into clean containers supplied by the analytical laboratory, placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The coolers were sealed for transport and shipped to Pace Analytical Services (Pace) in Lenexa, Kansas under chain-of-custody protocol. Groundwater not used for sampling is stored on-site in a 140-barrel above ground storage tank, for off-site disposal.

Pace analyzed the groundwater samples for:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8260B
- Total Petroleum Hydrocarbons – Gasoline Range Organics (TPH-GRO) by EPA Method 8260B.
- Total Petroleum Hydrocarbons – Diesel Range Organics (TPH-DRO) by EPA Method 8015.
- Chloride by EPA Method 300.

4.3 Groundwater Analytical Results – March 2016

Sample results for the March 2016 semiannual groundwater monitoring events are summarized below.

- Benzene was detected above the groundwater remedial objective of 0.010 miligrams per liter (mg/l) in wells MW-3 and MW-10 at concentrations of 0.161 mg/l and 4.160 mg/l, respectively. Benzene was not detected above the remedial objective in the remaining wells.
- Toluene was not detected above the groundwater remedial objective of 0.75 mg/l in groundwater samples collected during the March 2016 sampling event.
- Ethylbenzene was not detected above the groundwater remedial objective of 0.75 mg/l in groundwater samples collected during the March 2016 sampling event.

- Ethylbenzene was not detected above the groundwater remedial objective of 0.75 mg/l in groundwater samples collected during the March 2016 sampling event.
- Total xylenes were not detected above the groundwater remedial objective of 0.62 mg/l in groundwater samples collected during the March 2016 sampling event.
- TPH-GRO was detected above the laboratory detection limit in groundwater samples MW-3, MW-8, MW-10, and MW-12. The highest concentration of TPH-GRO was reported as 14.4 milligrams per liter (mg/l) in MW-10. Groundwater remedial objectives for TPH-GRO have not been established for the Site.
- TPH-DRO was detected above the laboratory detection limit in groundwater samples MW-3, MW-6, MW-8, MW-10, and MW-18. The highest concentration of TPH-DRO was reported as 7.0 milligrams per liter (mg/l) in MW-8. Groundwater remedial objectives for TPH-DRO have not been established for the Site.

Table 3 presents 2016 Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO; Table 4 presents Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO; Table 5 presents 2016 Groundwater Analytical Data – Inorganics; Table 6 presents Historical Groundwater Analytical Data - Inorganics. Figure 4 presents Groundwater Analytical Results – Organics – September 2016; Figure 5 presents Groundwater Analytical Results – Inorganics – September 2016. The Pace analytical reports are presented as Appendix A.

4.4 Groundwater Monitoring – September 2016

GHD personnel gauged 28 on-site monitor wells on September 22, 2016 to measure groundwater elevation. Well caps were removed before gauging to allow groundwater levels to equilibrate. Groundwater elevations ranged from 3573.72 ft-amsl at MW-18 to 3578.59 ft-amsl at MW-10. Regional groundwater flows are variable.

Table 1 presents the 2016 Groundwater Elevation Data for 2016; Table 2 presents the Historical Groundwater Elevation Data. Figure 6 presents Groundwater Gradient Map – September 22, 2016.

4.5 Groundwater Sampling – September 2016

GHD personnel collected samples for the second semiannual groundwater sampling event from 16 on-site monitor wells on September 22, 2016. Groundwater samples were collected from MW-2, MW-4, MW-6, MW-8, MW-10, MW-12, MW-13, MW-14, MW-16, MW-18, MW-22, MW-23, MW-24, MW-25, MW-26 and MW-27. Three monitor wells (MW-1, MW-9, and MW-21) were not sampled due to the presence of LNAPL.

4.6 Groundwater Analytical Results – September 2016

Sample results for the September 2016 semiannual groundwater monitoring events are summarized below. The Pace analytical reports are presented as Appendix A.

- Benzene was detected above the groundwater remedial objective of 0.010 mg/l in monitor wells MW-3 and MW-10 at concentrations of 0.161 mg/l and 4.160 mg/l, respectively. Benzene was not detected above the remedial objective in the remaining monitor wells.

- Toluene was not detected above the groundwater remedial objective of 0.75 mg/l in groundwater samples collected during the September 2016 sampling event.
- Ethylbenzene was not detected above the groundwater remedial objective of 0.75 mg/l in groundwater samples collected during the September 2016 sampling event.
- Total xylenes were not detected above the groundwater remedial objective of 0.62 mg/l in groundwater samples collected during the September 2016 sampling event.
- TPH-GRO was detected above the laboratory detection limit in groundwater samples MW-3, MW-8, MW-10, and MW-12. The highest concentration of TPH-GRO was reported as 14.4 mg/l in MW-10. Groundwater remedial objectives for TPH-GRO have not been established for the Site.
- TPH-DRO was detected above the laboratory detection limit in groundwater samples MW-3, MW-6, MW-8, MW-10, and MW-18. The highest concentration of TPH-DRO was reported as 7.0 mg/l in MW-8. Groundwater remedial objectives for TPH-DRO have not been established for the Site.

Table 3 presents 2016 Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO; Table 4 presents Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO; Table 5 presents 2016 Groundwater Analytical Data – Inorganics; Table 6 presents Historical Groundwater Analytical Data - Inorganics. Figure 7 presents Groundwater Analytical Results – Organics – September 2016; Figure 8 presents Groundwater Analytical Results – Inorganics – September 2016. The Pace analytical reports are presented as Appendix A.

5. Groundwater Remedial Activities

Due to mechanical issues with the compressor, the remediation system has not operated since 2014. Prior to shutdown, approximately 64,783 pounds (lbs) of VOCs were removed from the vadose zone by the SVE system since startup on October 17, 2002.

Currently, groundwater remedial activities include bimonthly gauging of monitor wells MW-1, MW-2, MW-3, MW-7, MW-8 (SVE-5), MW-9 (RW-2) and MW-10 (RW-6). GHD conducted Mobile Dual Phase Extraction (MDPE) events at the Site in 2015.

Historical VOC emissions data is presented in Table 6A and the data is plotted in Table 6B. Historical SVE field data collected as part of O&M is presented in Table 7. Historical DO measurements at the Site from 2009 through 2014 are provided in Table 8.

6. Summary and Recommendations

Groundwater samples collected in March and September 2016 from monitor wells MW-3 and MW-10 continued to indicate exceedance of the NMWQCC standard for benzene. The groundwater samples collected in 2016 did not exceed the NMWQCC standard for chloride. LNAPL was encountered sporadically in monitor wells MW-1, MW-2, and MW-9 during the 2016 gauging events.

Removal of LNAPL and dissolved BTEX, TPH-GRO, TPH-DRO and chloride remain the remedial objective for this site. GHD will continue conducting MDPE events to remove LNAPL while evaluating other remedial options. GHD will continue conducting semiannual groundwater monitoring and reporting for the Site, as directed by the NMED. GHD will continue bimonthly gauging events for selected monitor wells to evaluate natural attenuation.

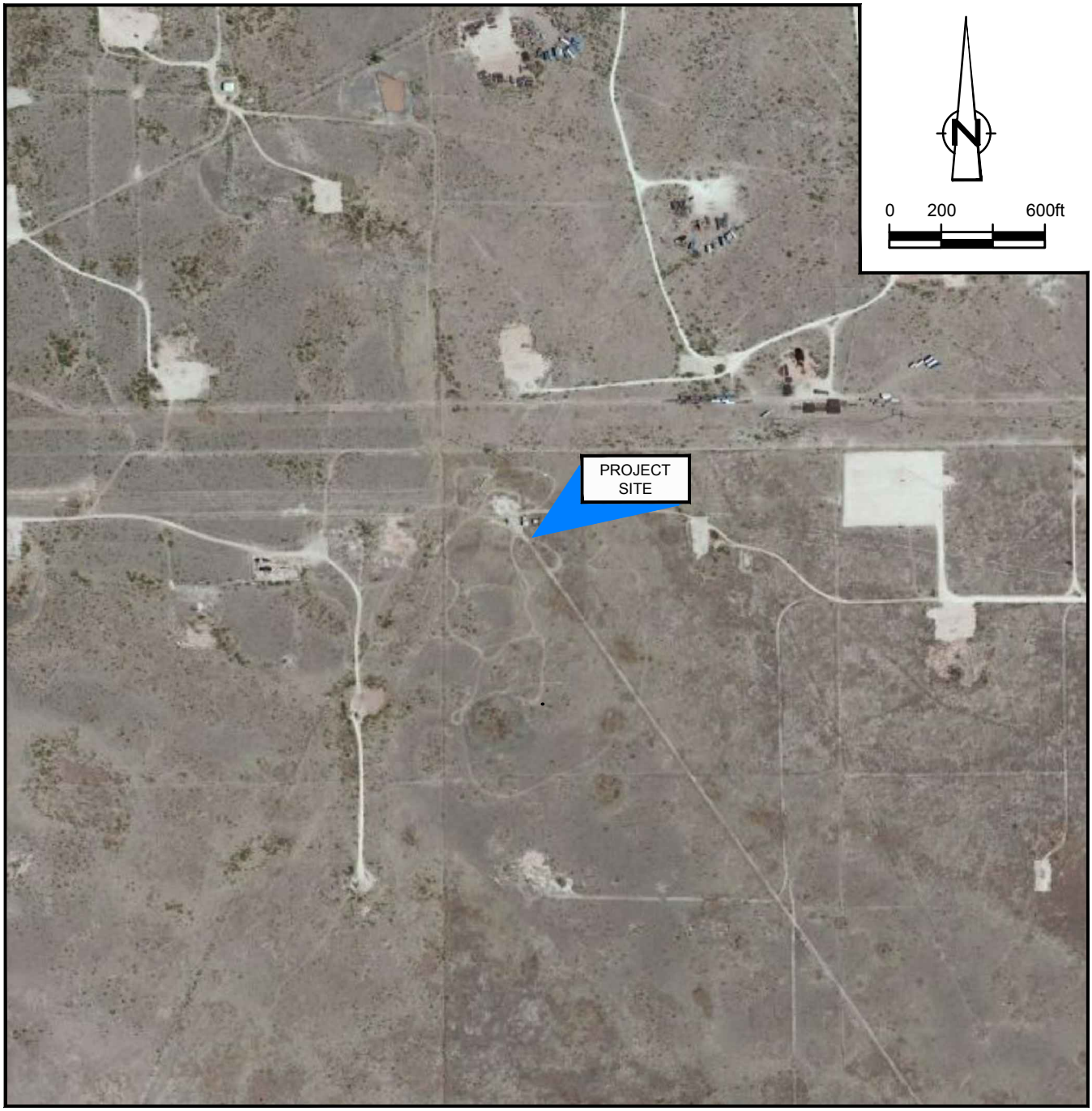
All of Which is Respectfully Submitted,

GHD

David Bonga
Project Engineer

Christina Ruby
Project Manager

Figures



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

LAT/LONG: 32.681° NORTH, 103.165° WEST
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

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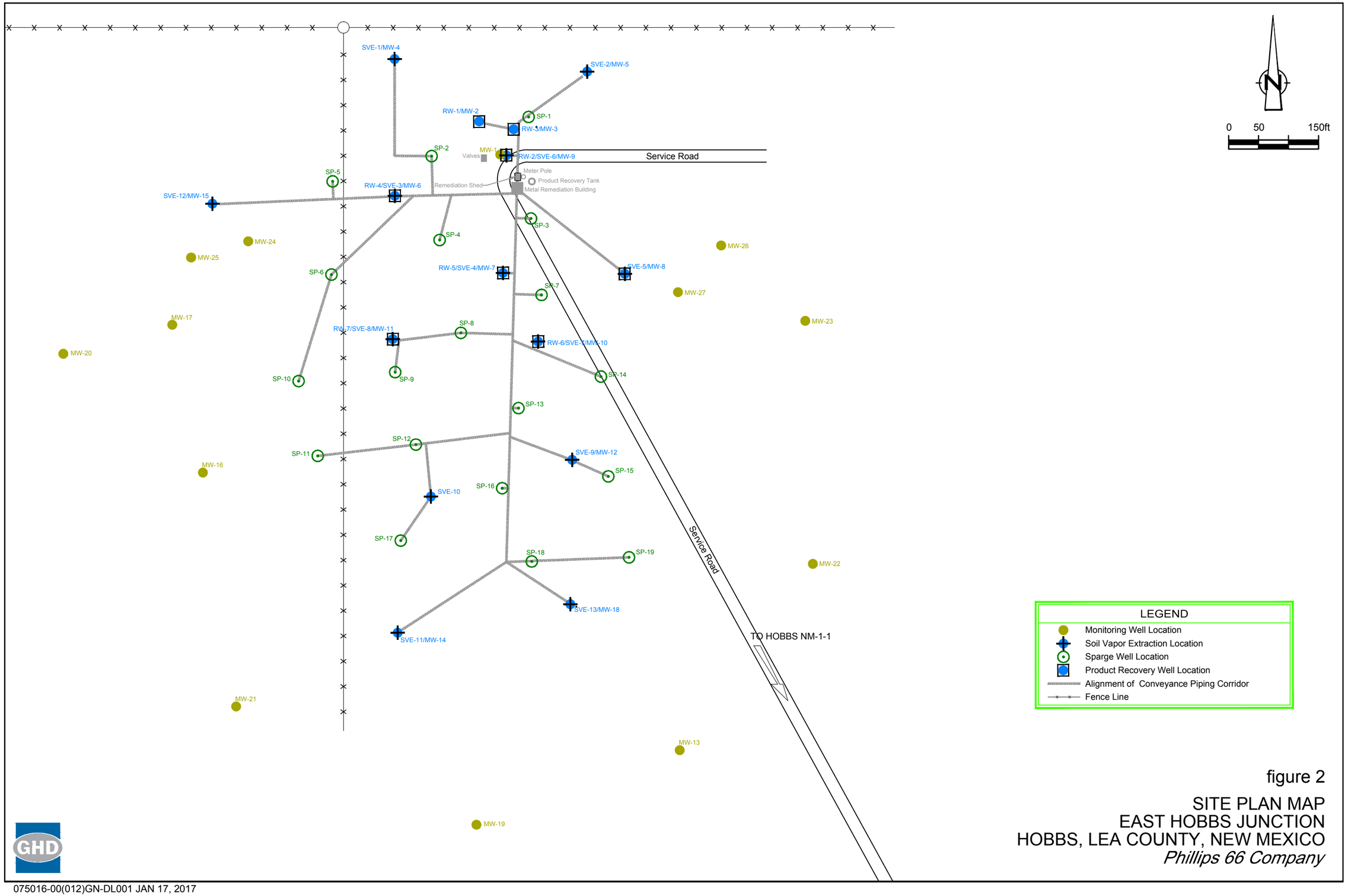

figure 2

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

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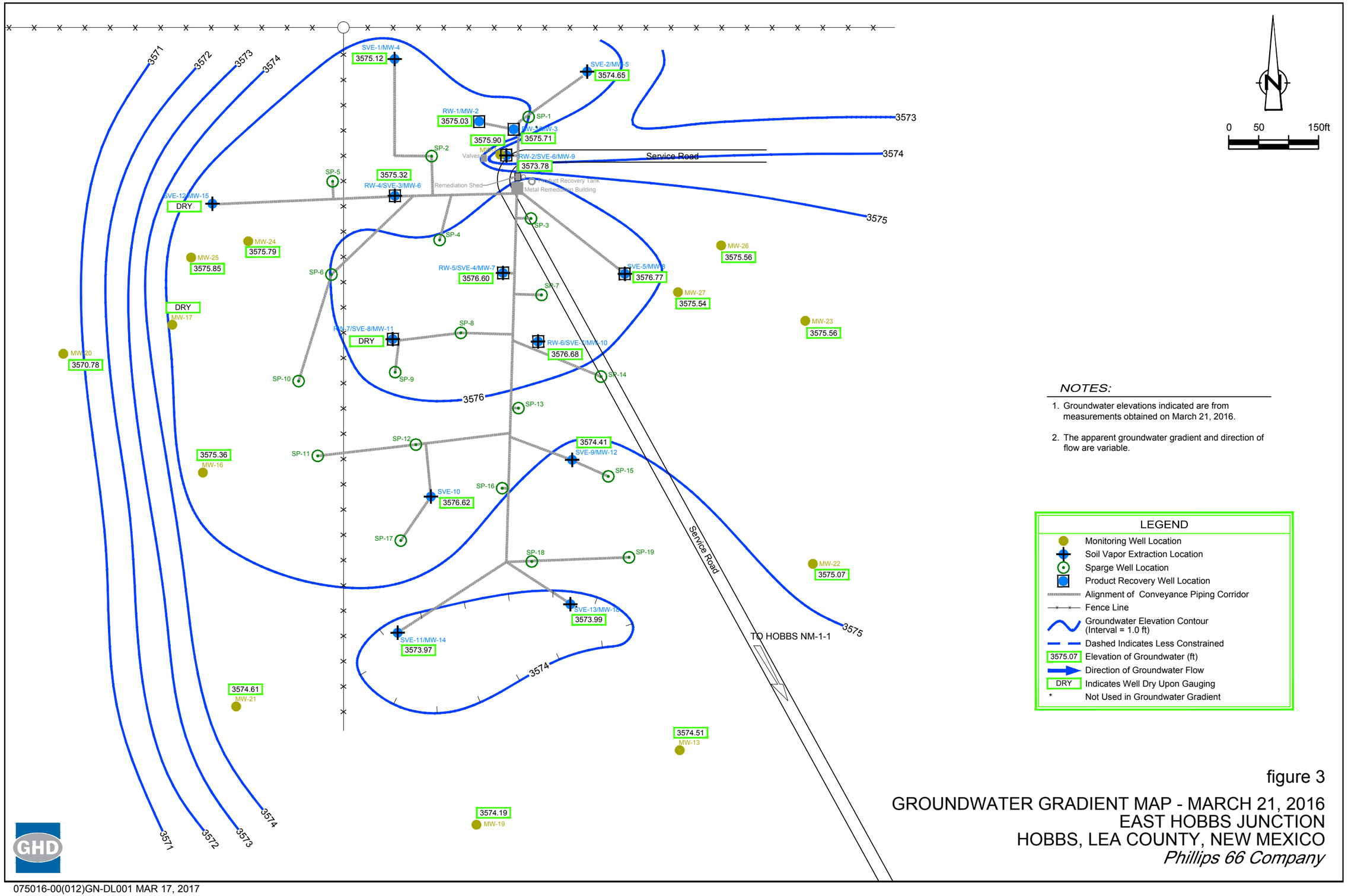

NOTES:

1. Groundwater elevations indicated are from measurements obtained on March 21, 2016.
2. The apparent groundwater gradient and direction of flow are variable.

LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- Groundwater Elevation Contour (Interval = 1.0 ft)
- Dashed Indicates Less Constrained
- 3575.07 Elevation of Groundwater (ft)
- Direction of Groundwater Flow
- DRY Indicates Well Dry Upon Gauging
- * Not Used in Groundwater Gradient

figure 3

GROUNDWATER GRADIENT MAP - MARCH 21, 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

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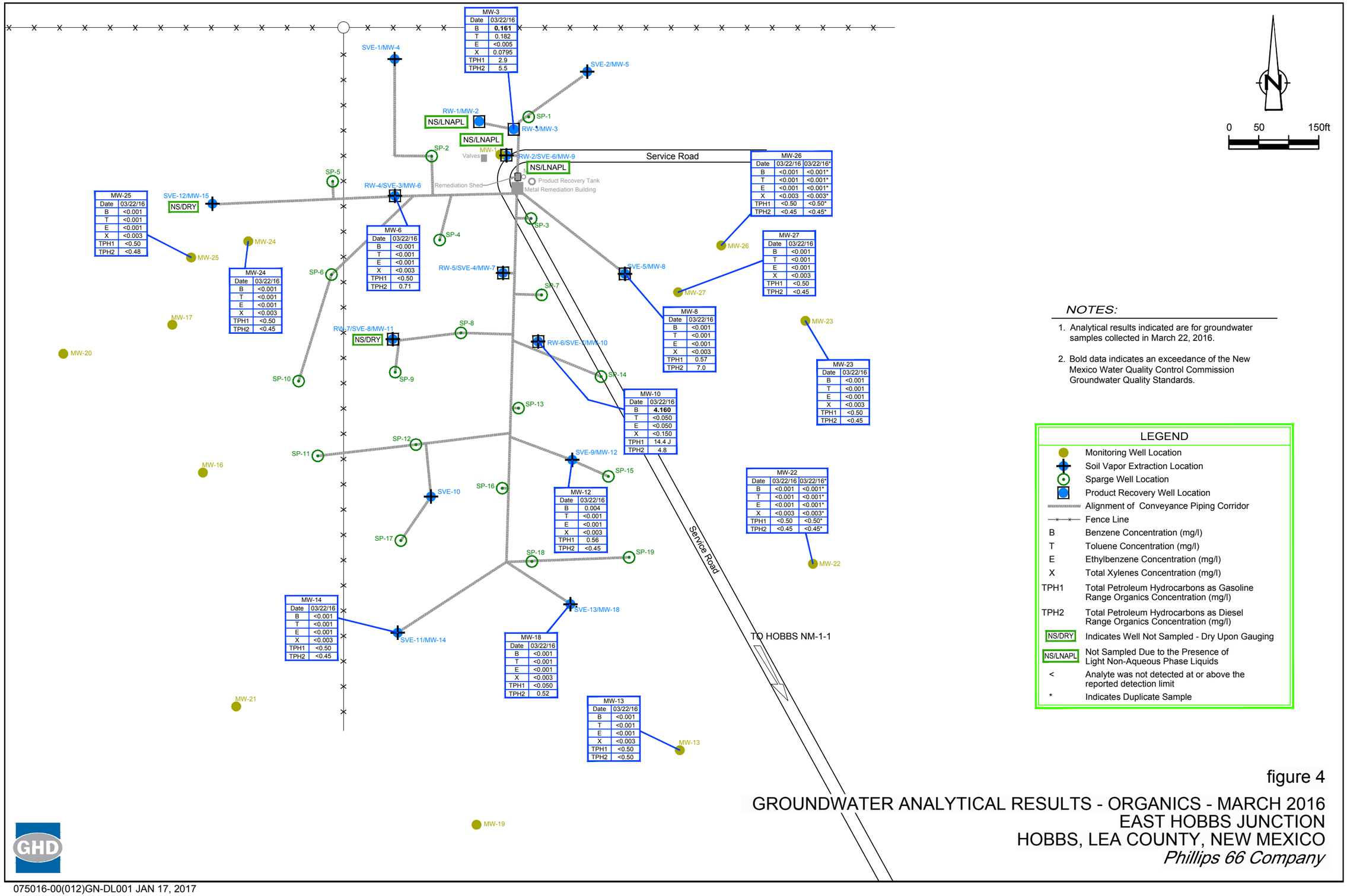


NOTES:

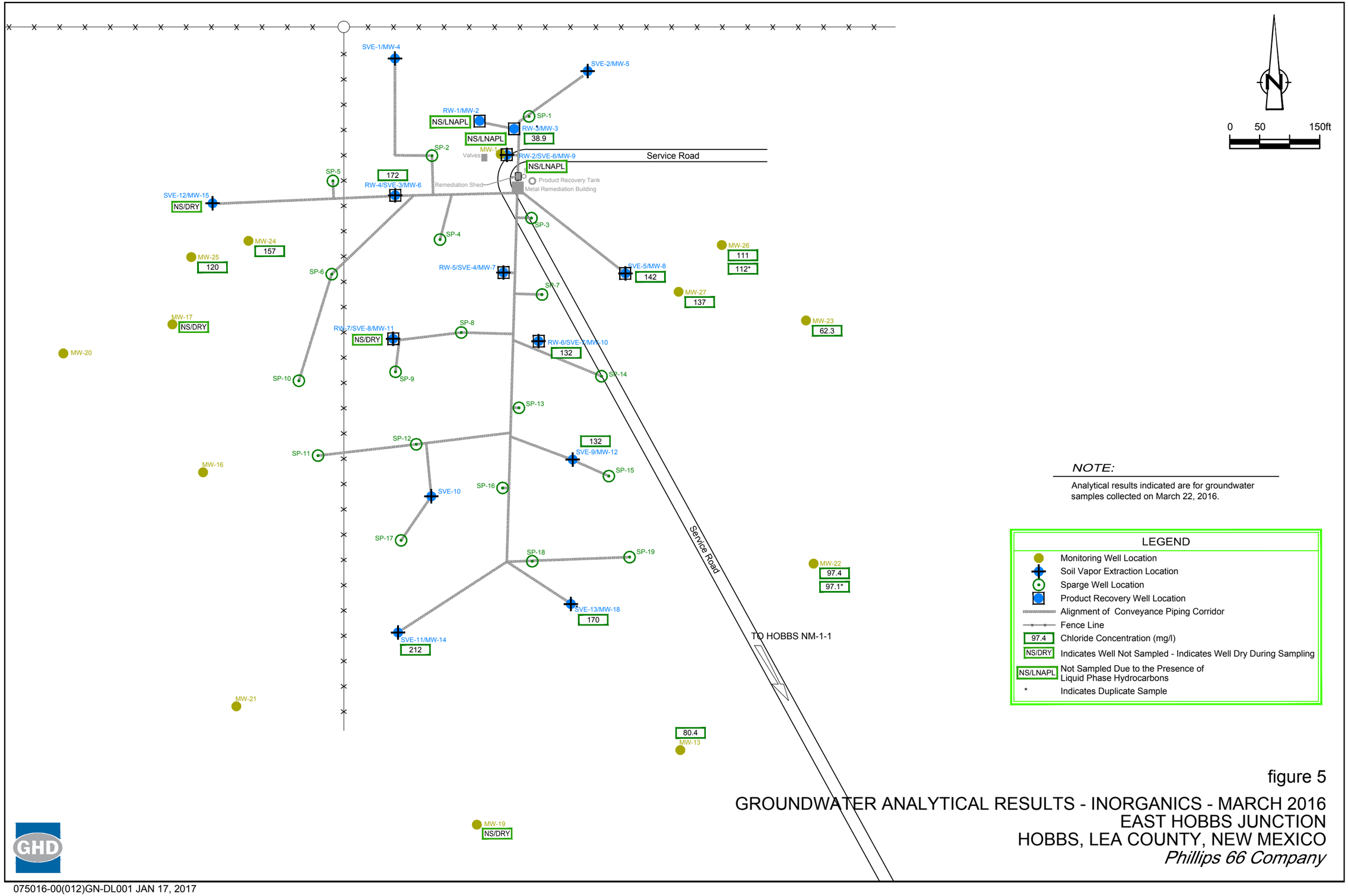
1. Analytical results indicated are for groundwater samples collected in March 22, 2016.
2. Bold data indicates an exceedance of the New Mexico Water Quality Control Commission Groundwater Quality Standards.

LEGEND

	Monitoring Well Location
	Soil Vapor Extraction Location
	Sparge Well Location
	Product Recovery Well Location
	Alignment of Conveyance Piping Corridor
	Fence Line
B	Benzene Concentration (mg/l)
T	Toluene Concentration (mg/l)
E	Ethylbenzene Concentration (mg/l)
X	Total Xylenes Concentration (mg/l)
TPH1	Total Petroleum Hydrocarbons as Gasoline Range Organics Concentration (mg/l)
TPH2	Total Petroleum Hydrocarbons as Diesel Range Organics Concentration (mg/l)
NS/DRY	Indicates Well Not Sampled - Dry Upon Gauging
NS/LNAPL	Not Sampled Due to the Presence of Light Non-Aqueous Phase Liquids
<	Analyte was not detected at or above the reported detection limit
*	Indicates Duplicate Sample

figure 4

GROUNDWATER ANALYTICAL RESULTS - ORGANICS - MARCH 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company



NOTE:

Analytical results indicated are for groundwater samples collected on March 22, 2016.

LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- 97.4 — Chloride Concentration (mg/l)
- NS/DRY — Indicates Well Not Sampled - Indicates Well Dry During Sampling
- NS/LNAPL — Not Sampled Due to the Presence of Liquid Phase Hydrocarbons
- * — Indicates Duplicate Sample

figure 5

GROUNDWATER ANALYTICAL RESULTS - INORGANICS - MARCH 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

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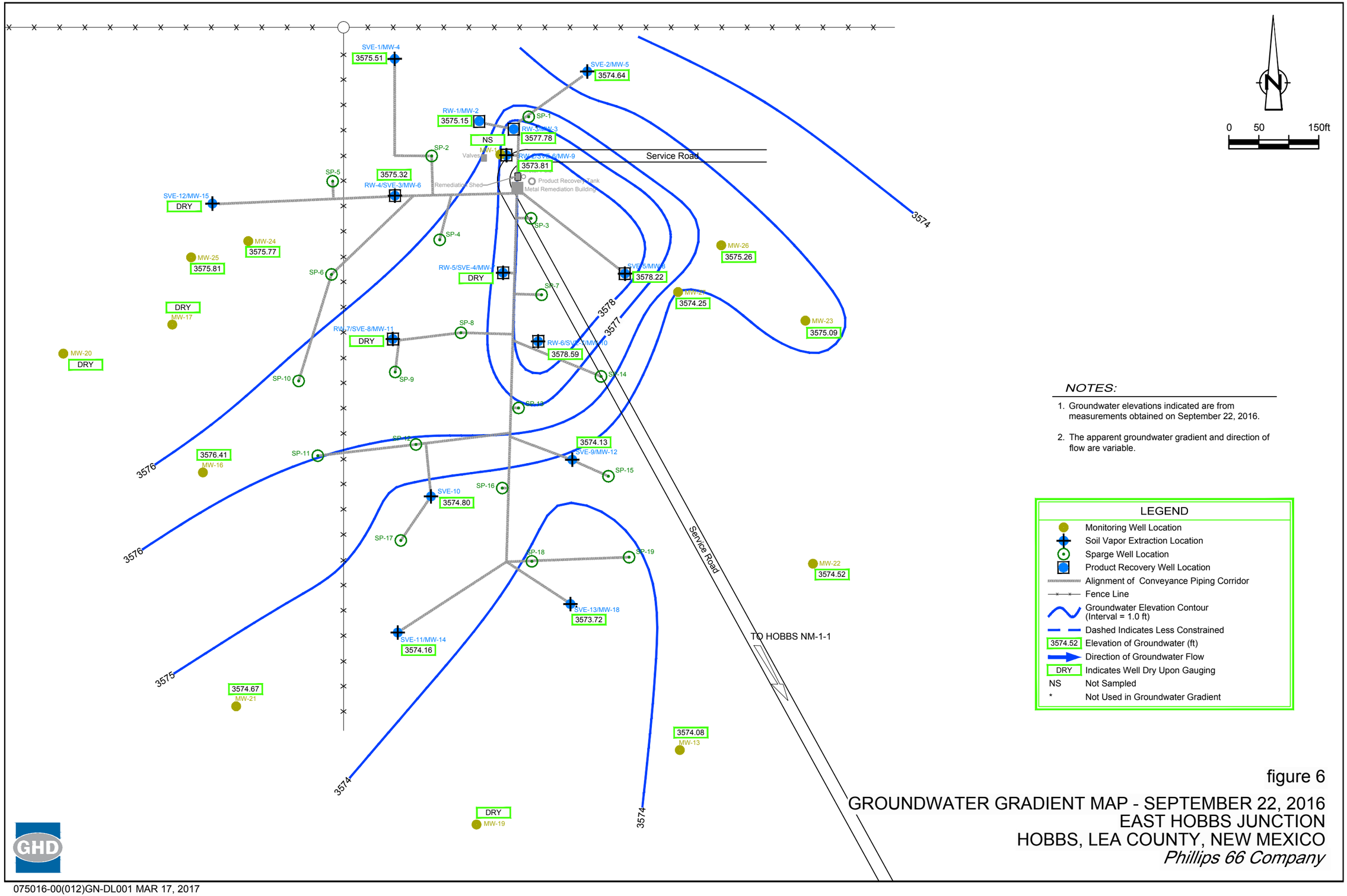

NOTES:

1. Groundwater elevations indicated are from measurements obtained on September 22, 2016.
2. The apparent groundwater gradient and direction of flow are variable.

LEGEND

●	Monitoring Well Location
✚	Soil Vapor Extraction Location
⊙	Sparge Well Location
▣	Product Recovery Well Location
	Alignment of Conveyance Piping Corridor
	Fence Line
	Groundwater Elevation Contour (Interval = 1.0 ft)
	Dashed Indicates Less Constrained
3574.52	Elevation of Groundwater (ft)
	Direction of Groundwater Flow
DRY	Indicates Well Dry Upon Gauging
NS	Not Sampled
*	Not Used in Groundwater Gradient

figure 6

GROUNDWATER GRADIENT MAP - SEPTEMBER 22, 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

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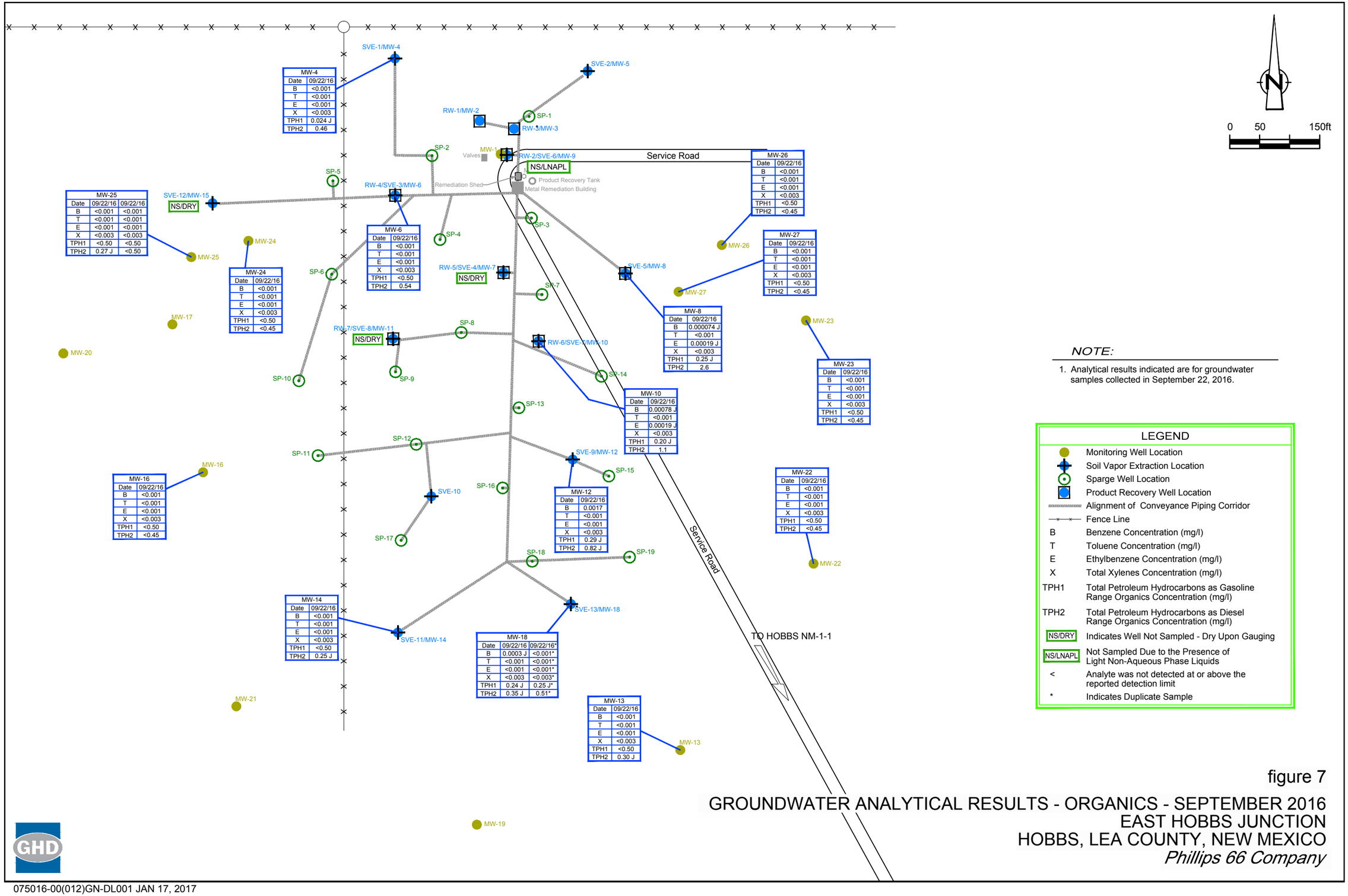


NOTE:

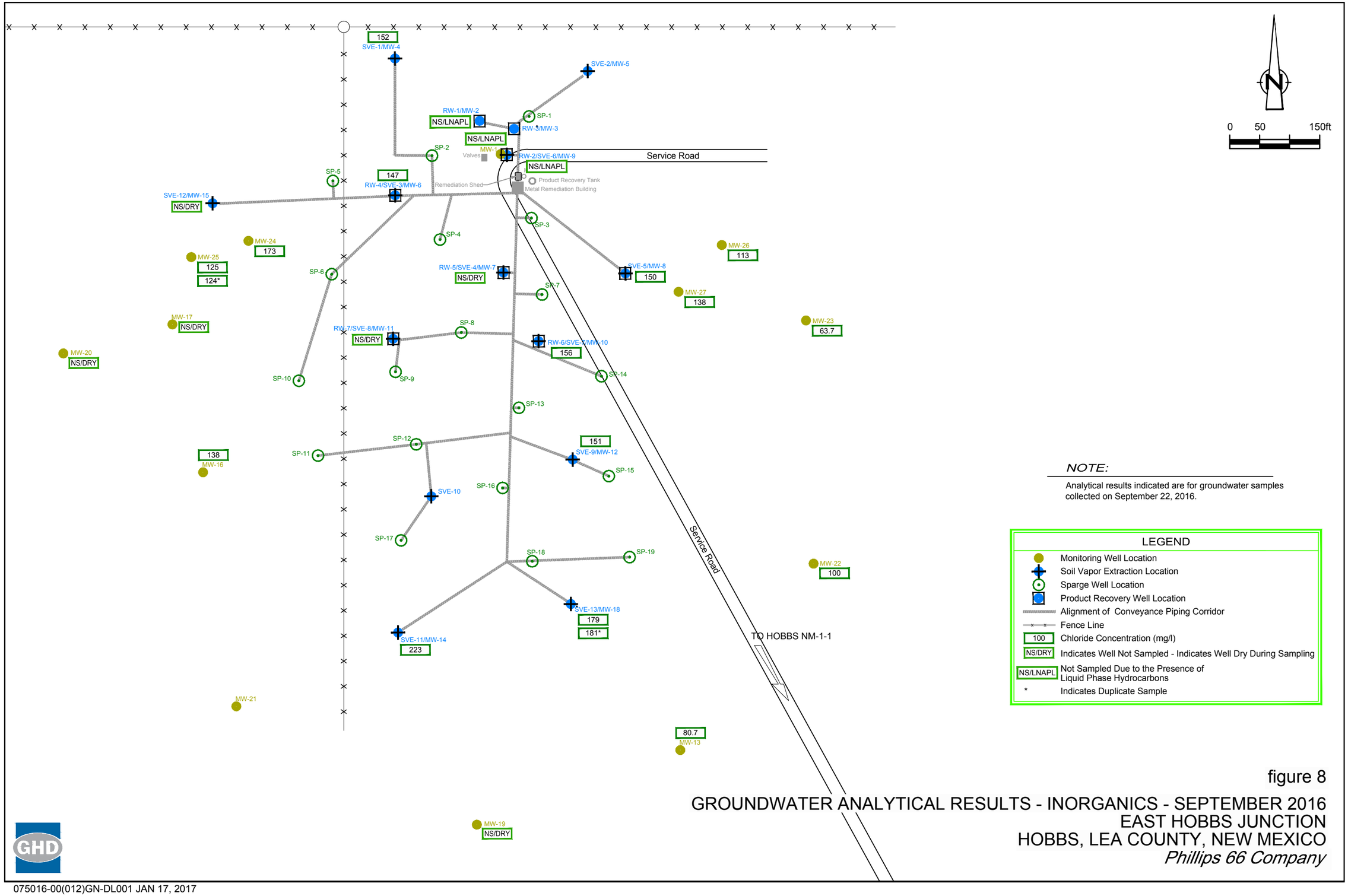
1. Analytical results indicated are for groundwater samples collected in September 22, 2016.

LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- B — Benzene Concentration (mg/l)
- T — Toluene Concentration (mg/l)
- E — Ethylbenzene Concentration (mg/l)
- X — Total Xylenes Concentration (mg/l)
- TPH1 — Total Petroleum Hydrocarbons as Gasoline Range Organics Concentration (mg/l)
- TPH2 — Total Petroleum Hydrocarbons as Diesel Range Organics Concentration (mg/l)
- NS/DRY — Indicates Well Not Sampled - Dry Upon Gauging
- NS/LNAPL — Not Sampled Due to the Presence of Light Non-Aqueous Phase Liquids
- < — Analyte was not detected at or above the reported detection limit
- * — Indicates Duplicate Sample

figure 7

GROUNDWATER ANALYTICAL RESULTS - ORGANICS - SEPTEMBER 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company



NOTE:

Analytical results indicated are for groundwater samples collected on September 22, 2016.

LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- 100 — Chloride Concentration (mg/l)
- NS/DRY — Indicates Well Not Sampled - Indicates Well Dry During Sampling
- NS/LNAPL — Not Sampled Due to the Presence of Liquid Phase Hydrocarbons
- * — Indicates Duplicate Sample

figure 8

GROUNDWATER ANALYTICAL RESULTS - INORGANICS - SEPTEMBER 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

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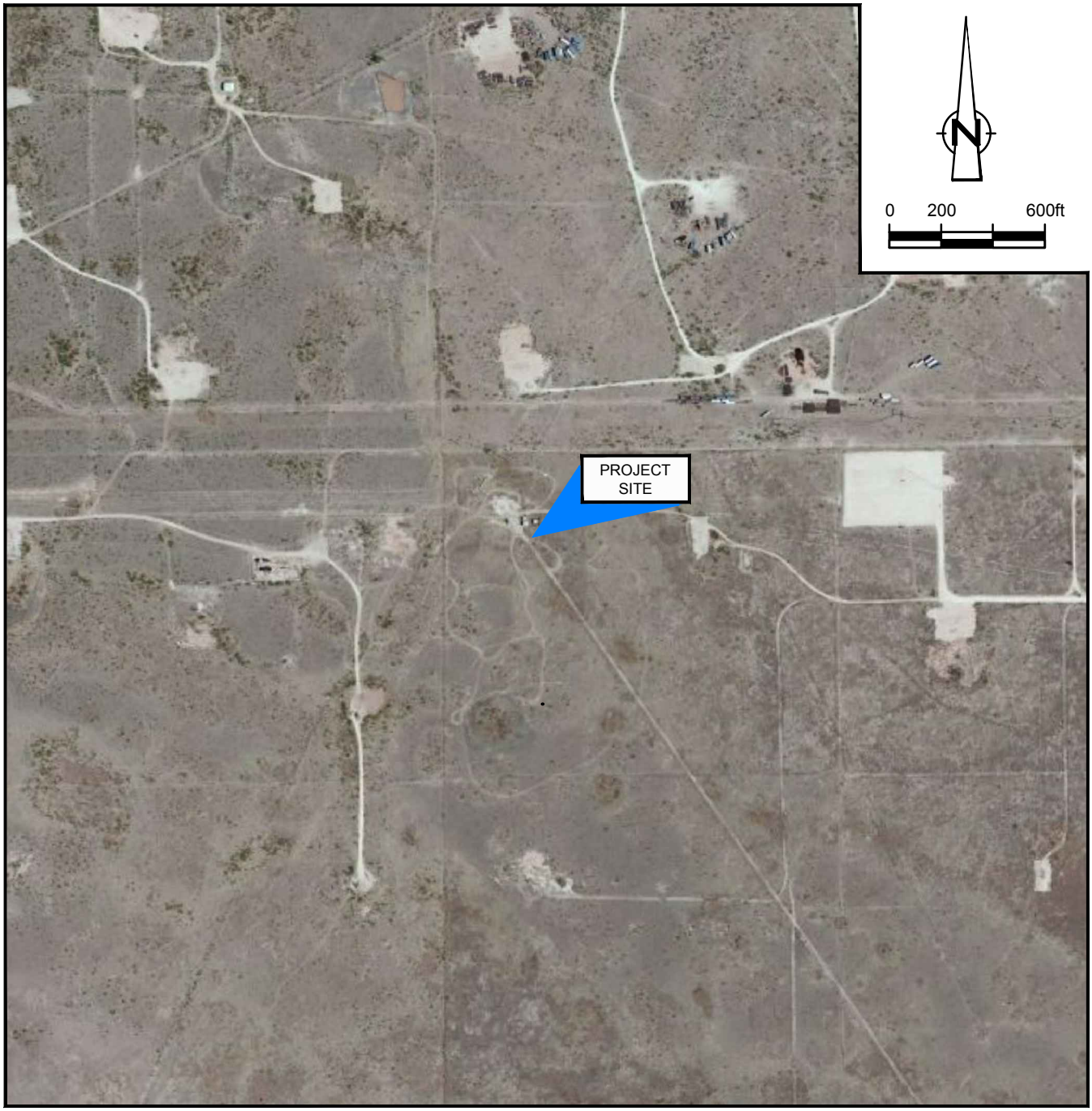

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STATE PLANE ZONE - NEW MEXICO EAST

figure 1

SITE AERIAL MAP
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HOBBS, LEA COUNTY, NEW MEXICO
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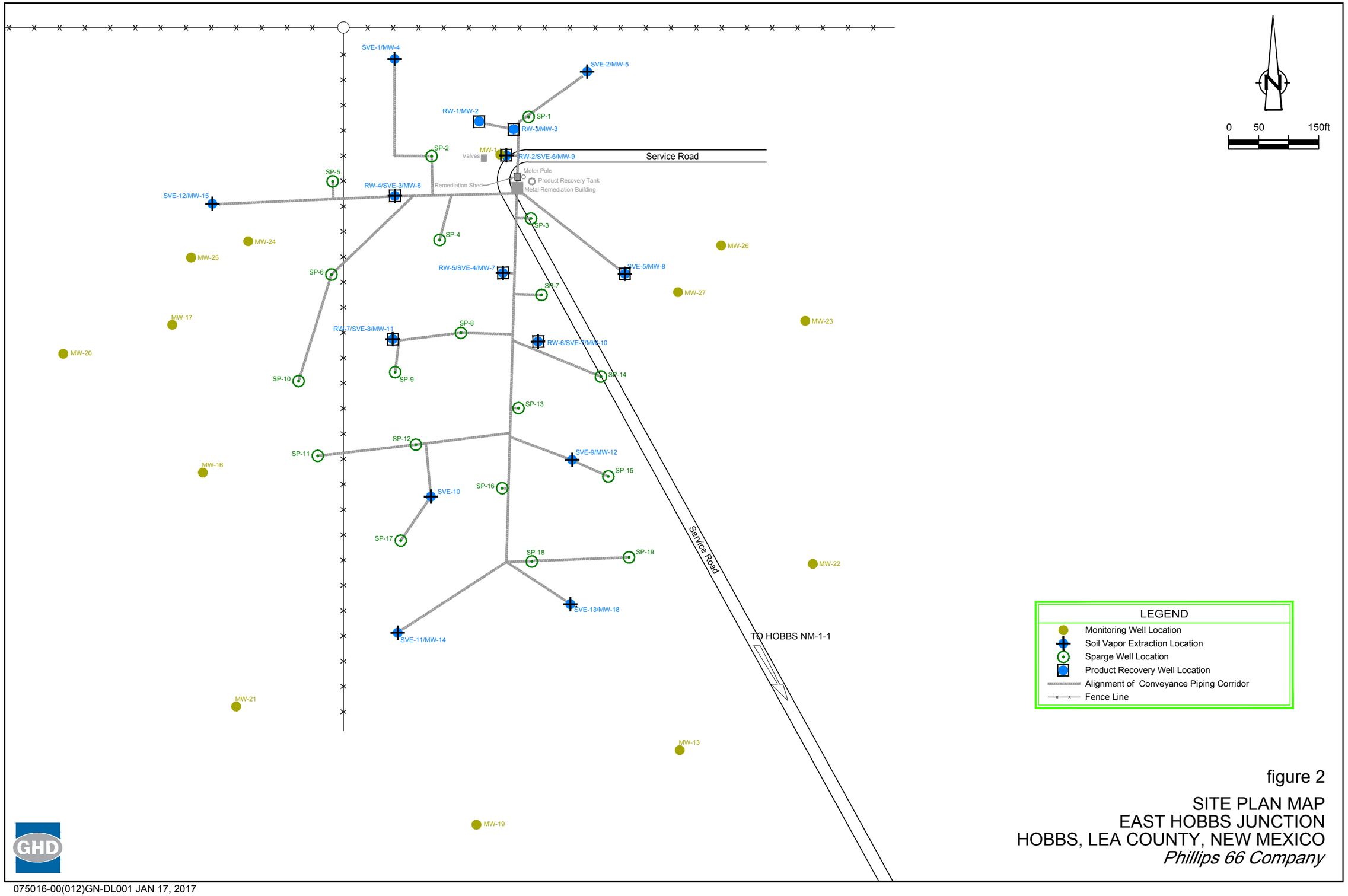

figure 2

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

GHD

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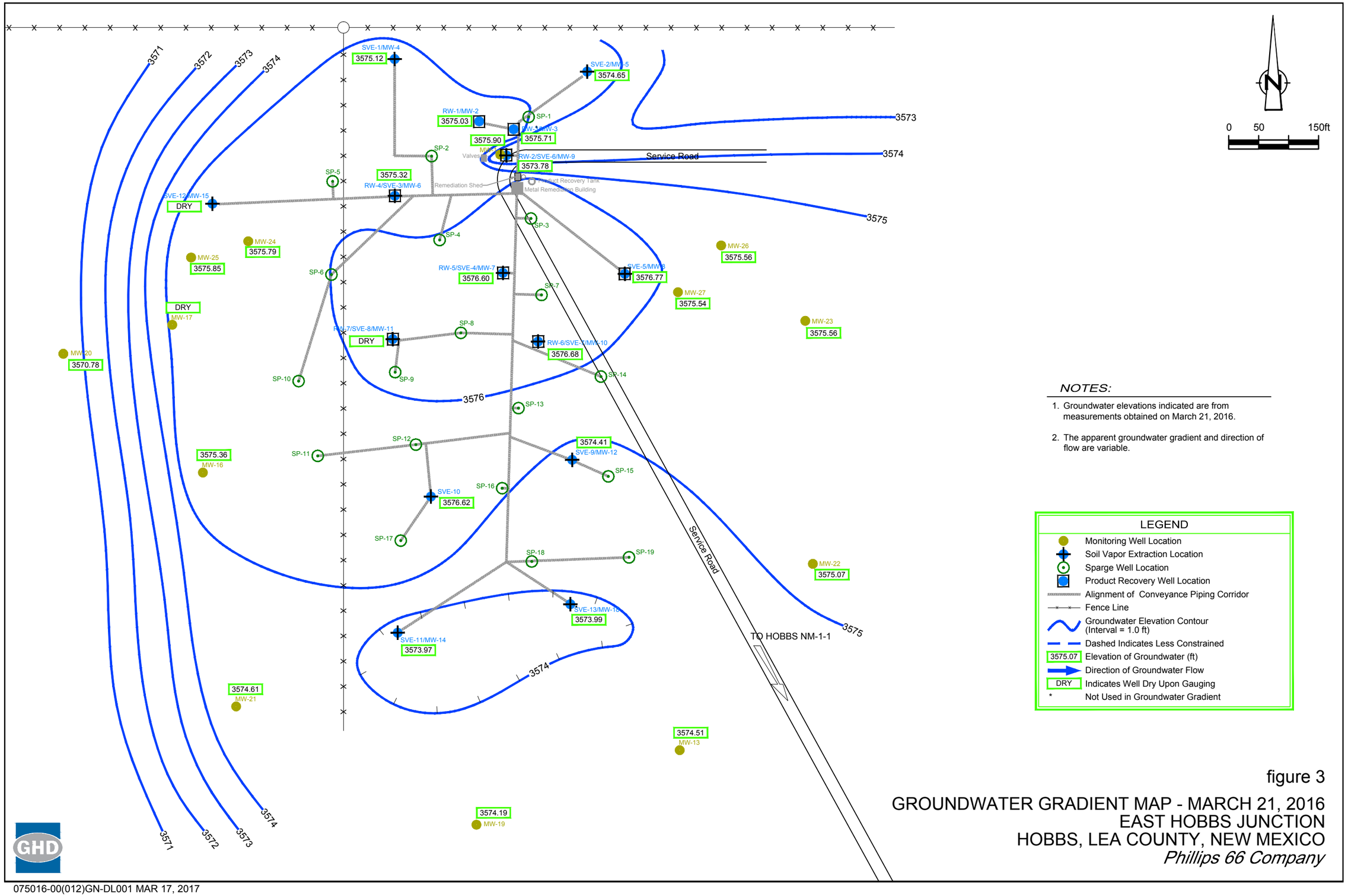

NOTES:

1. Groundwater elevations indicated are from measurements obtained on March 21, 2016.
2. The apparent groundwater gradient and direction of flow are variable.

LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- Groundwater Elevation Contour (Interval = 1.0 ft)
- Dashed Indicates Less Constrained
- 3575.07 Elevation of Groundwater (ft)
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figure 3

GROUNDWATER GRADIENT MAP - MARCH 21, 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

GHD

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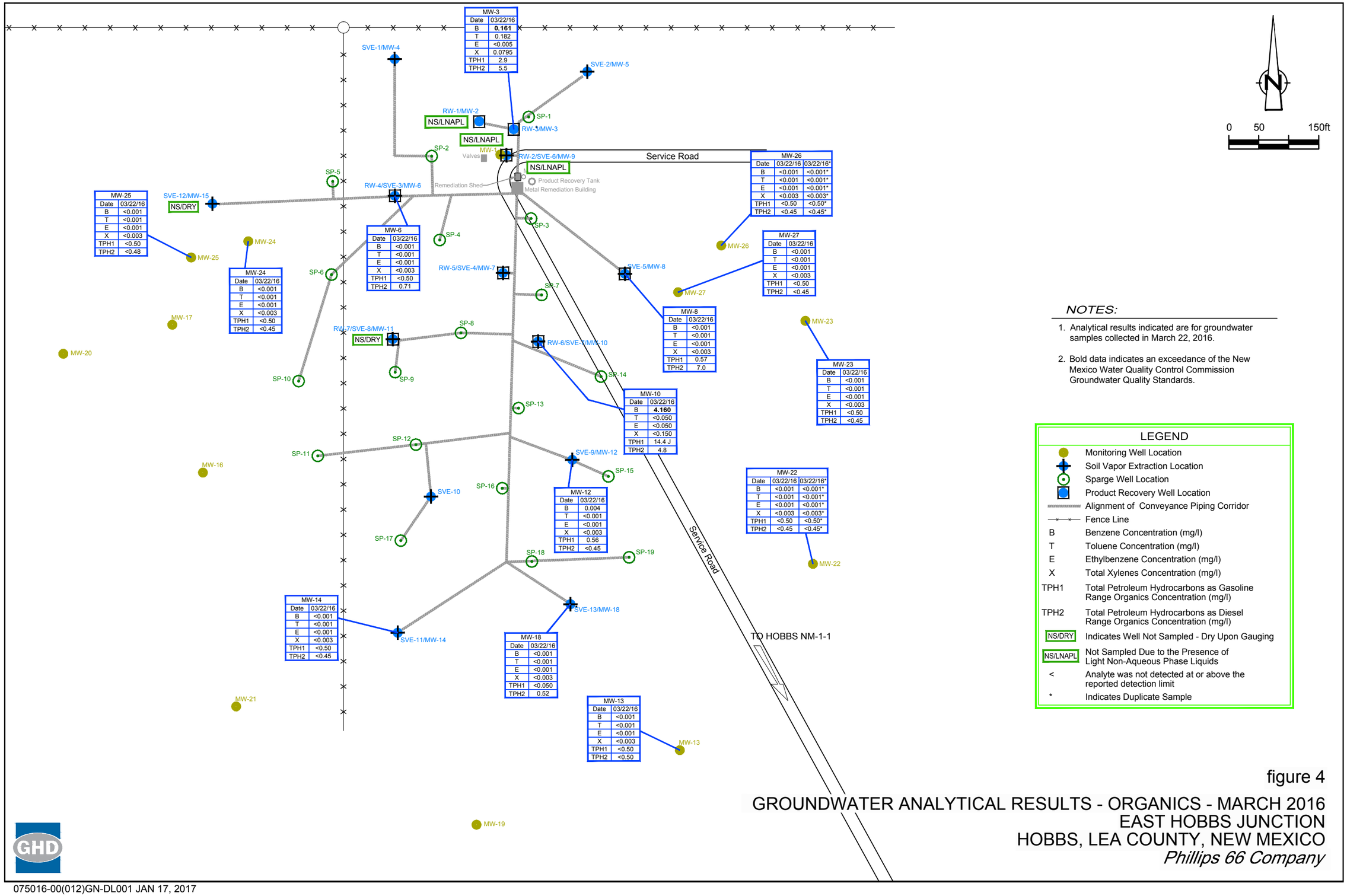

NOTES:

1. Analytical results indicated are for groundwater samples collected in March 22, 2016.
2. Bold data indicates an exceedance of the New Mexico Water Quality Control Commission Groundwater Quality Standards.

LEGEND

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	Soil Vapor Extraction Location
	Sparge Well Location
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	Fence Line
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figure 4

GROUNDWATER ANALYTICAL RESULTS - ORGANICS - MARCH 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

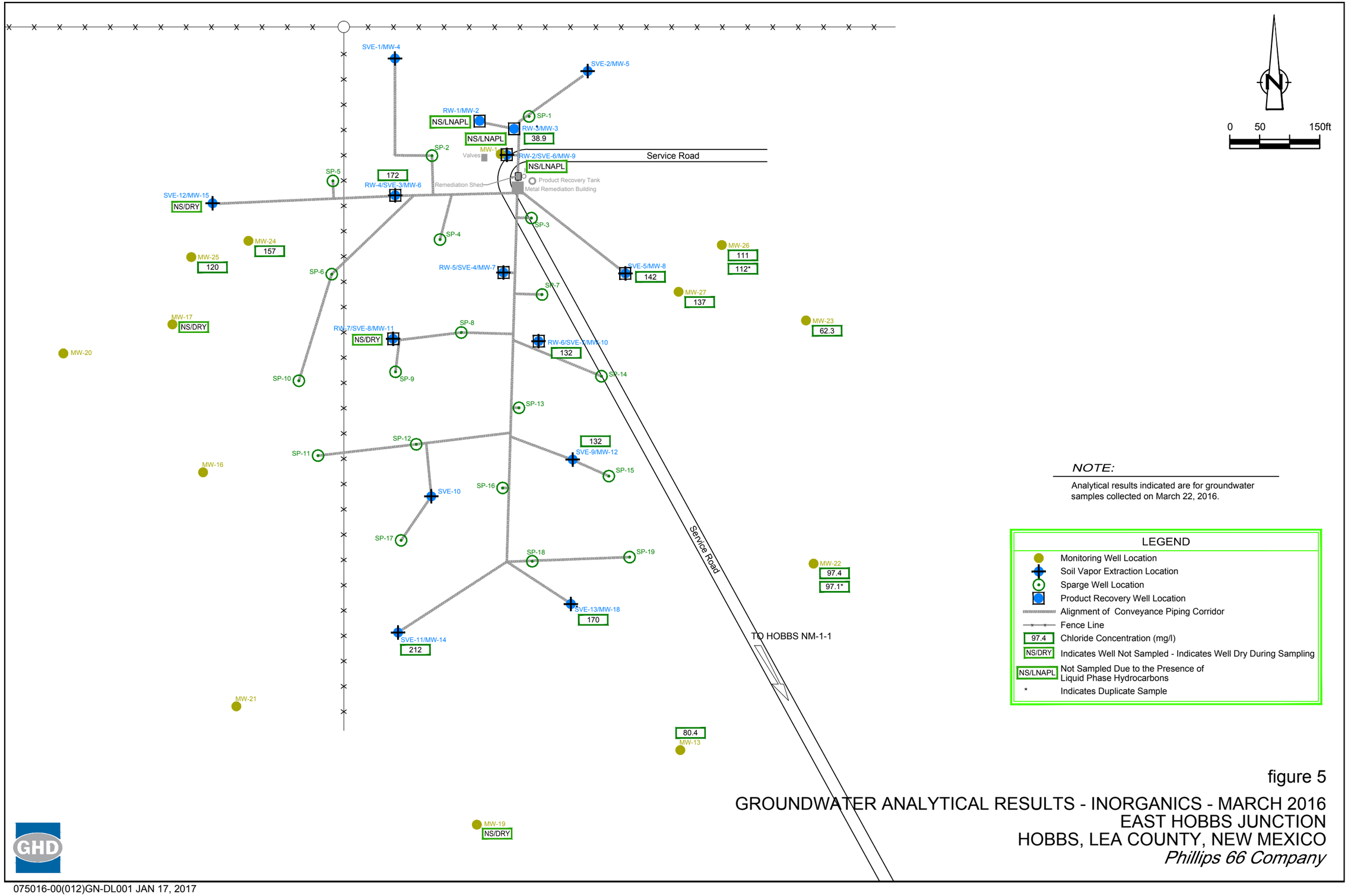

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figure 5

GROUNDWATER ANALYTICAL RESULTS - INORGANICS - MARCH 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

GHD

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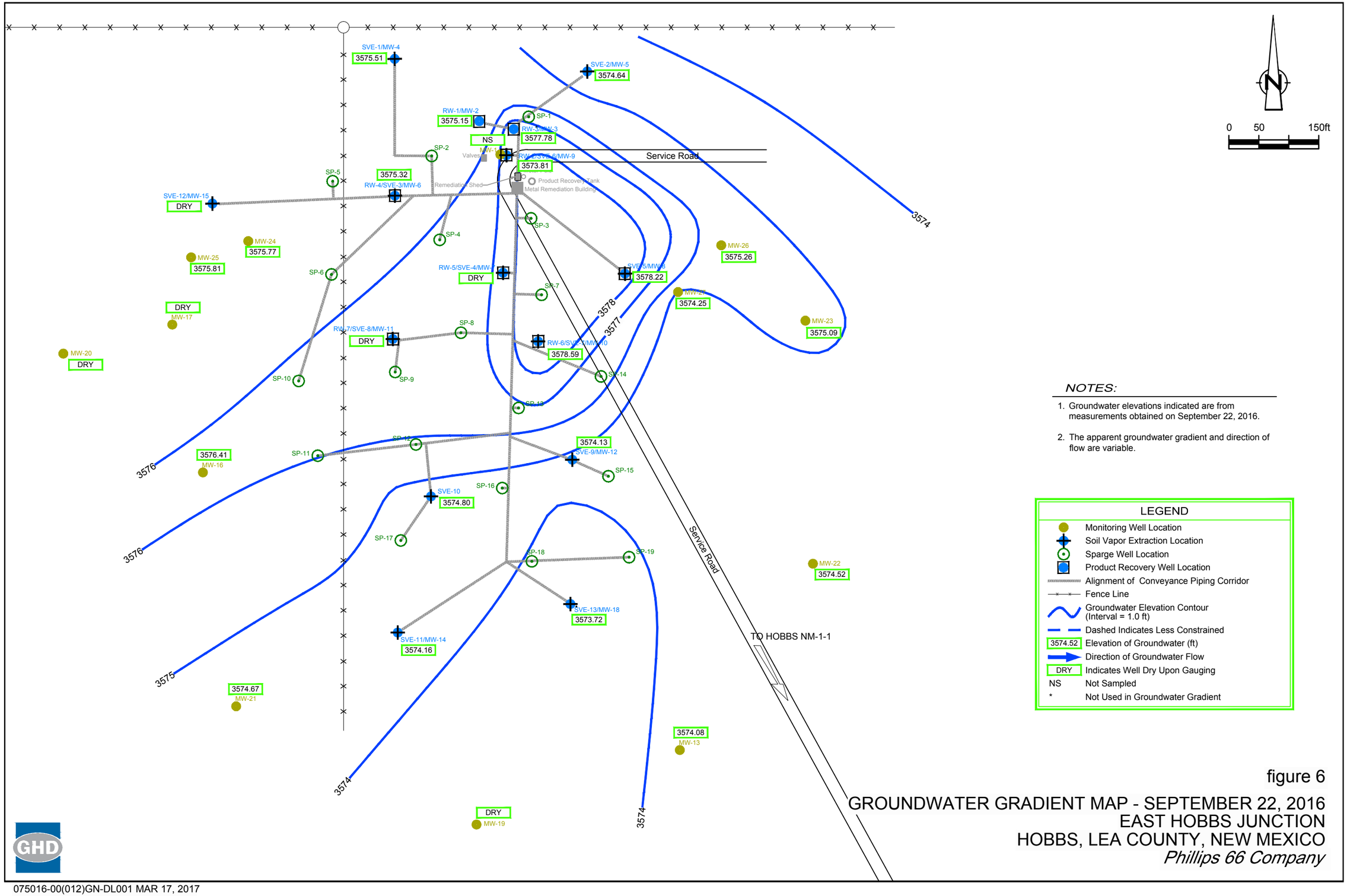


NOTES:

1. Groundwater elevations indicated are from measurements obtained on September 22, 2016.
2. The apparent groundwater gradient and direction of flow are variable.

LEGEND

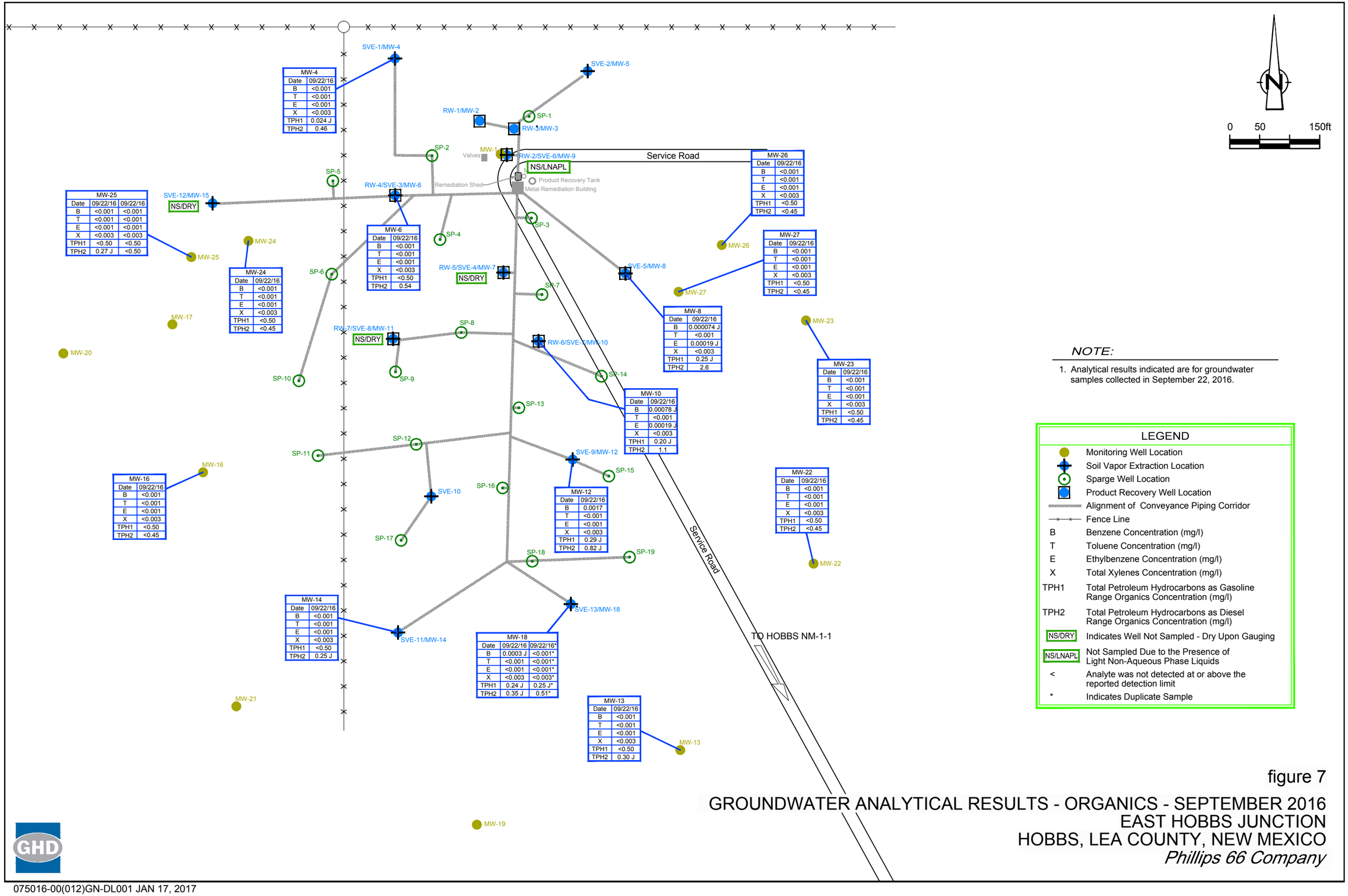
●	Monitoring Well Location
✚	Soil Vapor Extraction Location
⊙	Sparge Well Location
▣	Product Recovery Well Location
	Alignment of Conveyance Piping Corridor
	Fence Line
	Groundwater Elevation Contour (Interval = 1.0 ft)
	Dashed Indicates Less Constrained
3574.52	Elevation of Groundwater (ft)
	Direction of Groundwater Flow
DRY	Indicates Well Dry Upon Gauging
NS	Not Sampled
*	Not Used in Groundwater Gradient

figure 6

GROUNDWATER GRADIENT MAP - SEPTEMBER 22, 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

GHD

075016-00(012)GN-DL001 MAR 17, 2017



NOTE:

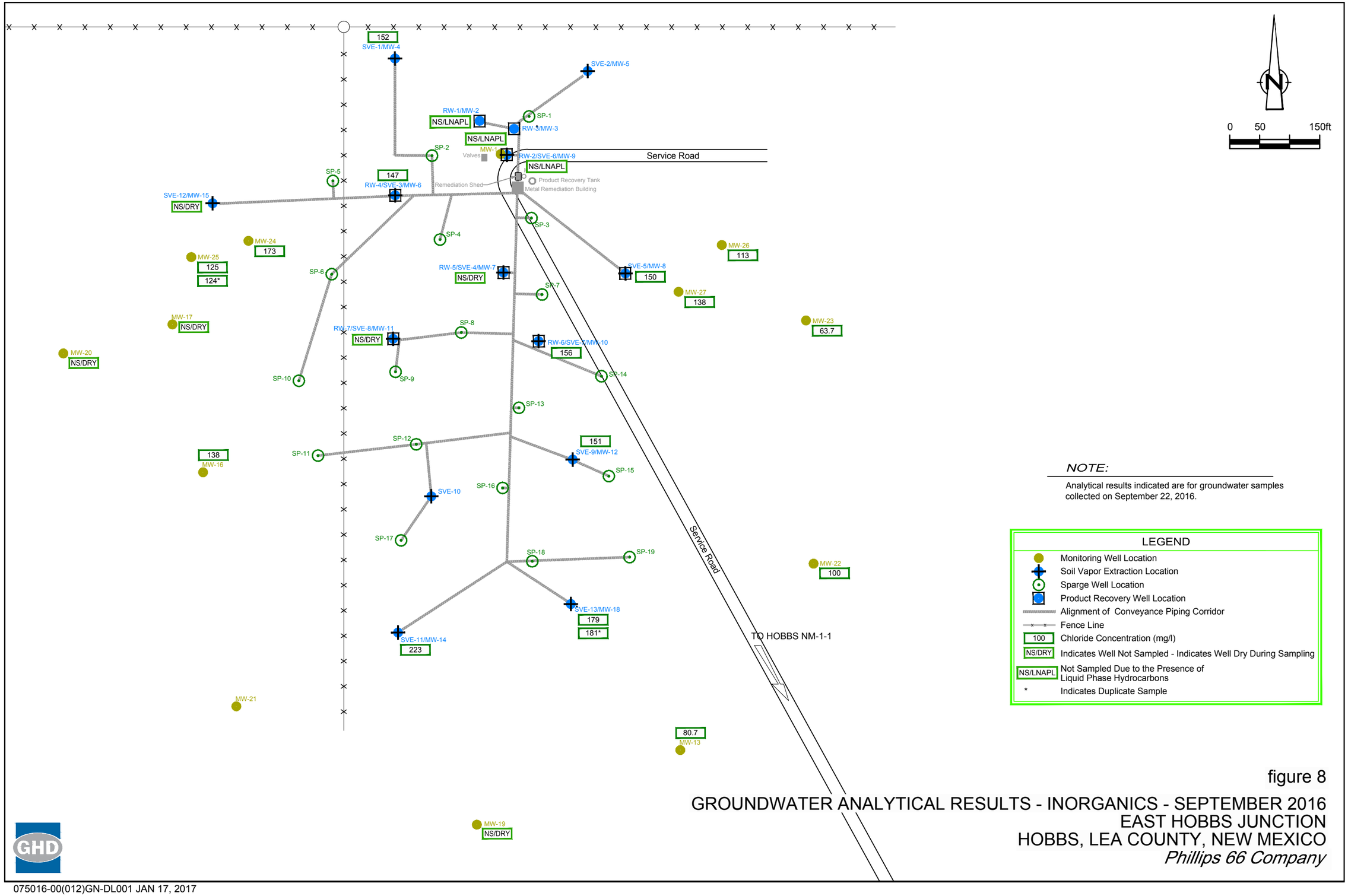
1. Analytical results indicated are for groundwater samples collected in September 22, 2016.

LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- B — Benzene Concentration (mg/l)
- T — Toluene Concentration (mg/l)
- E — Ethylbenzene Concentration (mg/l)
- X — Total Xylenes Concentration (mg/l)
- TPH1 — Total Petroleum Hydrocarbons as Gasoline Range Organics Concentration (mg/l)
- TPH2 — Total Petroleum Hydrocarbons as Diesel Range Organics Concentration (mg/l)
- NS/DRY — Indicates Well Not Sampled - Dry Upon Gauging
- NS/LNAPL — Not Sampled Due to the Presence of Light Non-Aqueous Phase Liquids
- < — Analyte was not detected at or above the reported detection limit
- * — Indicates Duplicate Sample

figure 7

GROUNDWATER ANALYTICAL RESULTS - ORGANICS - SEPTEMBER 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company



NOTE:

Analytical results indicated are for groundwater samples collected on September 22, 2016.

LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- 100 — Chloride Concentration (mg/l)
- NS/DRY — Indicates Well Not Sampled - Indicates Well Dry During Sampling
- NS/LNAPL — Not Sampled Due to the Presence of Liquid Phase Hydrocarbons
- * — Indicates Duplicate Sample

figure 8

GROUNDWATER ANALYTICAL RESULTS - INORGANICS - SEPTEMBER 2016
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

GHD

075016-00(012)GN-DL001 JAN 17, 2017

Tables

Table 1

Groundwater Elevation Data - 2016
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-1	01/21/16	3606.28	30.38	30.54	0.16	3575.86
MW-1	02/18/16	3606.28	30.36	30.54	0.18	3575.88
MW-1	03/21/16	3606.28	30.31	30.63	0.32	3575.90
MW-1	04/14/16	3606.28	30.35	30.79	0.44	3575.83
MW-1	05/19/16	3606.28	30.49	31.00	0.51	3575.68
MW-1	07/27/16	3606.28	30.75	31.40	0.65	3575.39
MW-1	10/13/16	3606.28	29.33	30.28	0.95	3576.74
MW-1	12/08/16	3606.28	29.81	30.11	0.30	3576.40
MW-2 (RW-1)	01/21/16	3606.45	--	31.45	--	3575.00
MW-2 (RW-1)	02/18/16	3606.45	--	31.49	--	3574.96
MW-2 (RW-1)	03/21/16	3606.45	31.40	31.47	0.07	3575.03
MW-2 (RW-1)	04/14/16	3606.45	31.47	31.50	0.03	3574.97
MW-2 (RW-1)	05/19/16	3606.45	31.59	31.67	0.08	3574.84
MW-2 (RW-1)	07/27/16	3606.45	31.89	32.09	0.20	3574.52
MW-2 (RW-1)	09/22/16	3606.45	--	31.30	--	3575.15
MW-2 (RW-1)	10/13/16	3606.45	30.19	31.71	1.52	3575.93
MW-2 (RW-1)	12/08/16	3606.45	--	30.92	--	3575.53
MW-3 (RW-3)	01/21/16	3606.33	--	30.71	--	3575.62
MW-3 (RW-3)	02/18/16	3606.33	--	30.69	--	3575.64
MW-3 (RW-3)	03/21/16	3606.33	--	30.62	--	3575.71
MW-3 (RW-3)	04/14/16	3606.33	--	30.67	--	3575.66
MW-3 (RW-3)	05/19/16	3607.33	--	30.82	--	3576.51
MW-3 (RW-3)	07/27/16	3608.33	--	31.11	--	3577.22
MW-3 (RW-3)	09/22/16	3608.33	--	30.55	--	3577.78
MW-3 (RW-3)	12/08/16	3609.33	--	30.15	--	3579.18
MW-4 (SVE-1)	03/21/16	3606.37	--	31.25	--	3575.12
MW-4 (SVE-1)	09/22/16	3606.37	--	30.86	--	3575.51
MW-5 (SVE-2)	03/21/16	3604.90	--	30.25	--	3574.65
MW-5 (SVE-2)	09/22/16	3604.90	--	30.26	--	3574.64
MW-6 (RW-4)	03/21/16	3606.17	--	30.85	--	3575.32
MW-6 (RW-4)	09/22/16	3606.17	--	30.85	--	3575.32

Table 1

Groundwater Elevation Data - 2016
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-7 (RW-5)	02/18/16	3607.50	--	30.93	--	3576.57
MW-7 (RW-5)	03/21/16	3607.50	--	30.90	--	3576.60
MW-7 (RW-5)	04/14/16	3607.50	--	30.97	--	3576.53
MW-7 (RW-5)	05/19/16	3608.50	--	31.10	--	3577.40
MW-7 (RW-5)	07/27/16	3609.50	--	31.41	--	3578.09
MW-7 (RW-5)	09/22/16	3609.50	--	DRY	--	DRY
MW-7 (RW-5)	10/13/16	3610.50	--	30.05	--	3580.45
MW-7 (RW-5)	12/08/16	3611.50	--	30.51	--	3580.99
MW-8 (SVE-5)	01/21/16	3606.92	--	30.38	--	3576.54
MW-8 (SVE-5)	02/18/16	3606.92	--	30.18	--	3576.74
MW-8 (SVE-5)	03/21/16	3606.92	--	30.15	--	3576.77
MW-8 (SVE-5)	04/14/16	3606.92	--	30.34	--	3576.58
MW-8 (SVE-5)	05/19/16	3607.92	--	30.56	--	3577.36
MW-8 (SVE-5)	07/27/16	3608.92	--	30.72	--	3578.20
MW-8 (SVE-5)	09/22/16	3608.92	--	30.70	--	3578.22
MW-8 (SVE-5)	10/13/16	3609.92	--	29.43	--	3580.49
MW-8 (SVE-5)	12/08/16	3610.92	--	29.92	--	3581.00
MW-9 (RW-2)	01/21/16	3605.75	--	32.00	--	3573.75
MW-9 (RW-2)	02/18/16	3605.75	31.95	31.96	0.01	3573.80
MW-9 (RW-2)	03/21/16	3605.75	31.97	31.99	0.02	3573.78
MW-9 (RW-2)	04/14/16	3605.75	32.01	32.02	0.01	3573.74
MW-9 (RW-2)	05/19/16	3605.75	32.14	32.17	0.03	3573.60
MW-9 (RW-2)	07/27/16	3605.75	32.50	32.54	0.04	3573.24
MW-9 (RW-2)	09/22/16	3605.75	31.94	31.95	0.01	3573.81
MW-9 (RW-2)	10/13/16	3605.75	30.87	32.22	1.35	3574.58
MW-9 (RW-2)	12/08/16	3605.75	--	31.45	--	3574.30

Table 1

Groundwater Elevation Data - 2016
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-10 (RW-6)	01/21/16	3606.94	--	30.20	--	3576.74
MW-10 (RW-6)	02/18/16	3606.94	--	30.22	--	3576.72
MW-10 (RW-6)	03/21/16	3606.94	--	30.26	--	3576.68
MW-10 (RW-6)	04/14/16	3606.94	--	30.21	--	3576.73
MW-10 (RW-6)	05/19/16	3607.94	--	30.33	--	3577.61
MW-10 (RW-6)	07/27/16	3608.94	--	30.68	--	3578.26
MW-10 (RW-6)	09/22/16	3608.94	--	30.35	--	3578.59
MW-10 (RW-6)	10/13/16	3609.94	--	29.32	--	3580.62
MW-10 (RW-6)	12/08/16	3610.94	--	29.70	--	3581.24
MW-11 (RW-7)	03/21/16	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/22/16	3608.06	--	DRY	--	DRY
MW-12 (SVE-9)	03/21/16	3604.14	--	29.73	--	3574.41
MW-12 (SVE-9)	09/22/16	3604.14	--	30.01	--	3574.13
MW-13	03/21/16	3604.31	--	29.80	--	3574.51
MW-13	09/22/16	3604.31	--	30.23	--	3574.08
MW-14 (SVE-11)	03/21/16	3603.77	--	29.80	--	3573.97
MW-14 (SVE-11)	09/22/16	3603.77	--	29.61	--	3574.16
MW-15 (SVE-12)	03/21/16	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/22/16	3609.23	--	DRY	--	DRY
MW-16	03/21/16	3606.31	--	30.95	--	3575.36
MW-16	09/22/16	3606.31	--	29.90	--	3576.41
MW-17	03/21/16	3610.03	--	DRY	--	DRY
MW-17	09/22/16	3610.03	--	DRY	--	DRY
MW-18 (SVE-13)	03/21/16	3605.34	--	31.35	--	3573.99
MW-18 (SVE-13)	09/22/16	3605.34	--	31.62	--	3573.72
MW-19	03/21/16	3606.69	--	32.50	--	3574.19
MW-19	09/22/16	3606.69	--	DRY	--	DRY
MW-20	03/21/16	3606.50	--	35.72	--	3570.78
MW-20	09/22/16	3606.50	--	DRY	--	DRY

Table 1

Groundwater Elevation Data - 2016
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-21	03/21/16	3603.51	--	28.90	--	3574.61
MW-21	09/22/16	3603.51	28.84	28.85	0.01	3574.67
MW-22	03/21/16	3603.27	--	28.20	--	3575.07
MW-22	09/22/16	3603.27	--	28.75	--	3574.52
MW-23	03/21/16	3604.62	--	29.06	--	3575.56
MW-23	09/22/16	3604.62	--	29.53	--	3575.09
MW-24	03/21/16	3608.89	--	33.10	--	3575.79
MW-24	09/22/16	3608.89	--	33.12	--	3575.77
MW-25	03/21/16	3609.81	--	33.96	--	3575.85
MW-25	09/22/16	3609.81	--	34.00	--	3575.81
MW-26	03/21/16	3604.86	--	29.30	--	3575.56
MW-26	09/22/16	3604.86	--	29.60	--	3575.26
MW-27	03/21/16	3604.99	--	29.45	--	3575.54
MW-27	09/22/16	3604.99	--	30.74	--	3574.25
SVE-10	03/21/16	3605.12	--	28.50	--	3576.62
SVE-10	09/22/16	3605.12	--	30.32	--	3574.80

Notes:
1. ft-amsl = feet - above mean sea level
2. LNAPL = Light Non-Aqueous Phase Liquid
3. ft-btoc = feet below top of casing
4. ft = feet
5. -- = not detected
5. DRY = well dry upon gauging
6. Corrected Groundwater Elevation = Top of Casing - (Depth To Water - (0.78 x LNAPL Thickness))

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

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

Table 2

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-1	02/26/15	3606.28	30.65	31.18	0.53	3575.51
MW-1	02/27/15	3606.28	30.64	31.19	0.55	3575.52
MW-1	04/23/15	3606.28	30.69	31.42	0.73	3575.43
MW-1	04/24/15	3606.28	30.84	30.91	0.07	3575.42
MW-1	04/27/15	3606.28	30.91	31.01	0.10	3575.35
MW-1	05/15/15	3606.28	30.92	31.09	0.17	3575.32
MW-1	06/08/15	3606.28	30.89	31.05	0.16	3575.35
MW-1	07/09/15	3606.28	30.81	31.01	0.20	3575.43
MW-1	07/10/15	3606.28	30.86	30.91	0.05	3575.41
MW-1	07/27/15	3606.28	30.80	30.90	0.10	3575.46
MW-1	08/18/15	3606.28	30.78	30.94	0.16	3575.46
MW-1	09/29/15	3606.28	30.77	30.93	0.16	3575.47
MW-1	11/19/15	3606.28	30.55	30.77	0.22	3575.68
MW-1	11/20/15	3606.28	30.61	30.66	0.05	3575.66
MW-1	11/23/15	3606.28	30.62	30.67	0.05	3575.65
MW-1	01/21/16	3606.28	30.38	30.54	0.16	3575.86
MW-1	02/18/16	3606.28	30.36	30.54	0.18	3575.88
MW-1	03/21/16	3606.28	30.31	30.63	0.32	3575.90
MW-1	04/14/16	3606.28	30.35	30.79	0.44	3575.83
MW-1	05/19/16	3606.28	30.49	31.00	0.51	3575.68
MW-1	07/27/16	3606.28	30.75	31.40	0.65	3575.39
MW-1	10/13/16	3606.28	29.33	30.28	0.95	3576.74
MW-1	12/08/16	3606.28	29.81	30.11	0.30	3576.40

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-2 (RW-1)	03/01/01	3606.45	24.29	26.88	2.59	3581.64
MW-2 (RW-1)	06/25/01	3606.45	25.73	26.67	0.94	3580.53
MW-2 (RW-1)	09/25/01	3606.45	26.04	26.59	0.55	3580.30
MW-2 (RW-1)	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
MW-2 (RW-1)	11/05/02	3606.45	24.67	28.73	4.06	3580.97
MW-2 (RW-1)	02/25/03	3606.45	26.55	29.30	2.75	3579.35
MW-2 (RW-1)	04/09/03	3606.45	26.41	28.41	2.00	3579.64
MW-2 (RW-1)	06/25/03	3606.45	26.58	28.55	1.97	3579.48
MW-2 (RW-1)	09/11/03	3606.45	26.62	28.60	1.98	3579.43
MW-2 (RW-1)	11/05/03	3606.45	26.95	28.74	1.79	3579.14
MW-2 (RW-1)	01/19/04	3606.45	27.35	28.42	1.07	3578.89
MW-2 (RW-1)	04/20/04	3606.45	27.47	28.24	0.77	3578.83
MW-2 (RW-1)	07/20/04	3606.45	27.74	28.97	1.23	3578.46
MW-2 (RW-1)	10/25/04	3606.45	25.20	25.39	0.19	3581.21
MW-2 (RW-1)	01/24/05	3606.45	--	25.42	--	3581.03
MW-2 (RW-1)	02/14/05	3606.45	--	25.35	--	3581.10
MW-2 (RW-1)	03/02/05	3606.45	--	25.31	--	3581.14
MW-2 (RW-1)	03/08/05	3606.45	--	25.28	--	3581.17
MW-2 (RW-1)	03/23/05	3606.45	--	25.21	--	3581.24
MW-2 (RW-1)	04/18/05	3606.45	25.10	25.11	0.01	3581.35
MW-2 (RW-1)	05/09/05	3606.45	--	25.12	--	3581.33
MW-2 (RW-1)	06/10/05	3606.45	--	25.08	--	3581.37
MW-2 (RW-1)	07/18/05	3606.45	25.09	25.10	0.01	3581.36
MW-2 (RW-1)	10/17/05	3606.45	24.88	25.00	0.12	3581.55
MW-2 (RW-1)	12/28/05	3606.45	--	25.15	--	3581.30
MW-2 (RW-1)	01/10/06	3606.45	25.19	25.20	0.01	3581.26
MW-2 (RW-1)	01/23/06	3606.45	25.17	25.21	0.04	3581.27
MW-2 (RW-1)	04/24/06	3606.45	25.56	25.58	0.02	3580.89
MW-2 (RW-1)	07/24/06	3606.45	25.91	25.95	0.04	3580.53
MW-2 (RW-1)	10/23/06	3606.45	--	25.79	--	3580.66
MW-2 (RW-1)	01/23/07	3606.45	25.82	25.83	0.01	3580.63
MW-2 (RW-1)	04/23/07	3606.45	26.11	26.27	0.16	3580.31
MW-2 (RW-1)	07/23/07	3606.45	26.25	26.38	0.13	3580.17
MW-2 (RW-1)	10/22/07	3606.45	26.29	26.38	0.09	3580.14
MW-2 (RW-1)	01/28/08	3606.45	26.32	26.39	0.07	3580.12
MW-2 (RW-1)	04/21/08	3606.45	26.54	26.62	0.08	3579.89
MW-2 (RW-1)	07/21/08	3606.45	26.83	26.91	0.08	3579.60
MW-2 (RW-1)	10/20/08	3606.45	27.00	27.11	0.11	3579.43
MW-2 (RW-1)	01/19/09	3606.45	--	27.25	--	3579.20
MW-2 (RW-1)	04/20/09	3606.45	27.48	27.49	0.01	3578.97

Table 2

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-2 (RW-1)	07/27/09	3606.45	--	27.78	--	3578.67
MW-2 (RW-1)	10/26/09	3606.45	--	27.95	--	3578.50
MW-2 (RW-1)	01/25/10	3606.45	--	28.16	--	3578.29
MW-2 (RW-1)	04/26/10	3606.45	28.10	29.34	1.24	3578.10
MW-2 (RW-1)	07/26/10	3606.45	27.86	28.95	1.09	3578.37
MW-2 (RW-1)	10/25/10	3606.45	27.78	27.87	0.09	3578.65
MW-2 (RW-1)	01/24/11	3606.45	28.32	29.60	1.28	3577.87
MW-2 (RW-1)	03/01/11	3606.45	--	29.88	--	3576.57
MW-2 (RW-1)	04/04/11	3606.45	28.51	30.12	1.61	3577.62
MW-2 (RW-1)	04/05/11	3606.45	28.56	29.81	1.25	3577.64
MW-2 (RW-1)	04/11/11	3606.45	28.58	29.98	1.40	3577.59
MW-2 (RW-1)	04/18/11	3606.45	28.58	30.05	1.47	3577.58
MW-2 (RW-1)	04/25/11	3606.45	28.56	30.07	1.51	3577.59
MW-2 (RW-1)	05/02/11	3606.45	28.71	29.83	1.12	3577.52
MW-2 (RW-1)	05/03/11	3606.45	28.70	29.70	1.00	3577.55
MW-2 (RW-1)	05/09/11	3606.45	28.64	29.97	1.33	3577.54
MW-2 (RW-1)	05/31/11	3606.45	28.66	30.16	1.50	3577.49
MW-2 (RW-1)	06/06/11	3606.45	28.67	30.12	1.45	3577.49
MW-2 (RW-1)	10/10/11	3606.45	28.80	30.17	1.37	3577.38
MW-2 (RW-1)	05/30/12	3606.45	30.05	30.30	0.25	3576.35
MW-2 (RW-1)	02/27/13	3606.45	30.40	31.95	1.55	3575.74
MW-2 (RW-1)	03/07/13	3606.45	30.13	31.70	1.57	3576.01
MW-2 (RW-1)	03/14/13	3606.45	30.43	31.99	1.56	3575.71
MW-2 (RW-1)	03/19/13	3606.45	30.43	32.05	1.62	3575.70

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-2 (RW-1)	04/05/13	3606.45	30.48	32.05	1.57	3575.66
MW-2 (RW-1)	04/10/13	3606.45	30.43	32.00	1.57	3575.71
MW-2 (RW-1)	04/18/13	3606.45	30.51	32.00	1.49	3575.64
MW-2 (RW-1)	04/25/13	3606.45	30.53	32.05	1.52	3575.62
MW-2 (RW-1)	05/09/13	3606.45	30.60	32.16	1.56	3575.54
MW-2 (RW-1)	05/13/13	3606.45	30.35	31.89	1.54	3575.79
MW-2 (RW-1)	05/23/13	3606.45	30.62	32.17	1.55	3575.52
MW-2 (RW-1)	05/30/13	3606.45	30.63	32.20	1.57	3575.51
MW-2 (RW-1)	06/07/13	3606.45	30.68	32.21	1.53	3575.46
MW-2 (RW-1)	06/13/13	3606.45	30.41	31.97	1.56	3575.73
MW-2 (RW-1)	06/27/13	3606.45	30.45	32.01	1.56	3575.69
MW-2 (RW-1)	07/02/13	3606.45	30.63	32.20	1.57	3575.51
MW-2 (RW-1)	07/11/13	3606.45	30.77	32.32	1.55	3575.37
MW-2 (RW-1)	07/23/13	3606.45	31.14	31.19	0.05	3575.30
MW-2 (RW-1)	08/22/13	3606.45	31.21	31.29	0.08	3575.22
MW-2 (RW-1)	09/19/13	3606.45	31.31	31.33	0.02	3575.14
MW-2 (RW-1)	10/03/13	3606.45	31.28	31.30	0.02	3575.17
MW-2 (RW-1)	10/31/13	3606.45	31.32	31.50	0.18	3575.09
MW-2 (RW-1)	11/14/13	3606.45	31.30	31.74	0.44	3575.05
MW-2 (RW-1)	11/27/13	3606.28	31.30	31.85	0.55	3574.86
MW-2 (RW-1)	12/11/13	3606.45	31.20	31.21	0.01	3575.25
MW-2 (RW-1)	12/24/13	3606.45	31.20	31.22	0.02	3575.25
MW-2 (RW-1)	01/08/14	3606.45	31.52	31.52	0.00	3574.93
MW-2 (RW-1)	03/10/14	3606.45	31.44	32.30	0.86	3574.82
MW-2 (RW-1)	03/25/14	3606.45	31.41	32.33	0.92	3574.84
MW-2 (RW-1)	04/02/14	3606.45	31.41	32.54	1.13	3574.79
MW-2 (RW-1)	04/16/14	3606.45	31.45	32.17	0.72	3574.84
MW-2 (RW-1)	04/28/14	3606.45	31.50	32.64	1.14	3574.70
MW-2 (RW-1)	05/15/14	3606.45	31.52	32.70	1.18	3574.67
MW-2 (RW-1)	05/28/14	3606.45	31.66	32.31	0.65	3574.65
MW-2 (RW-1)	06/09/14	3606.45	31.66	32.40	0.74	3574.63
MW-2 (RW-1)	07/29/14	3606.45	31.78	32.78	1.00	3574.45
MW-2 (RW-1)	08/06/14	3606.45	31.90	32.89	0.99	3574.33
MW-2 (RW-1)	08/19/14	3606.45	31.79	32.86	1.07	3574.42
MW-2 (RW-1)	09/03/14	3606.45	31.89	32.90	1.01	3574.34
MW-2 (RW-1)	10/01/14	3606.45	31.63	32.43	0.80	3574.64
MW-2 (RW-1)	10/30/14	3606.45	31.64	32.47	0.83	3574.63
MW-2 (RW-1)	11/19/14	3606.45	31.26	32.15	0.89	3574.99
MW-2 (RW-1)	11/24/14	3606.45	--	31.79	--	3574.66
MW-2 (RW-1)	12/10/14	3606.45	--	31.78	--	3574.67
MW-2 (RW-1)	01/08/15	3606.45	31.75	31.76	0.01	3574.70

Table 2

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-2 (RW-1)	01/20/15	3606.45	--	31.74	--	3574.71
MW-2 (RW-1)	02/24/15	3606.45	31.69	31.75	0.06	3574.75
MW-2 (RW-1)	02/25/15	3606.45	31.76	31.78	0.02	3574.69
MW-2 (RW-1)	02/26/15	3606.45	31.77	31.78	0.01	3574.68
MW-2 (RW-1)	02/27/15	3606.45	31.76	31.78	0.02	3574.69
MW-2 (RW-1)	03/10/15	3606.45	31.76	31.80	0.04	3574.68
MW-2 (RW-1)	04/23/15	3606.45	31.83	31.97	0.14	3574.59
MW-2 (RW-1)	04/24/15	3606.45	31.88	31.90	0.02	3574.57
MW-2 (RW-1)	05/15/15	3606.45	31.95	32.05	0.10	3574.48
MW-2 (RW-1)	06/08/15	3606.45	31.94	32.03	0.09	3574.49
MW-2 (RW-1)	07/09/15	3606.45	31.85	31.92	0.07	3574.58
MW-2 (RW-1)	07/10/15	3606.45	31.92	31.93	0.01	3574.53
MW-2 (RW-1)	07/27/15	3606.45	31.81	31.82	0.01	3574.64
MW-2 (RW-1)	08/18/15	3606.45	31.83	31.84	0.01	3574.62
MW-2 (RW-1)	09/29/15	3606.45	--	32.84	--	3573.61
MW-2 (RW-1)	11/19/15	3606.45	31.63	31.66	0.03	3574.81
MW-2 (RW-1)	11/20/15	3606.45	--	31.38	--	3575.07
MW-2 (RW-1)	11/23/15	3606.45	31.67	31.68	0.01	3574.78
MW-2 (RW-1)	01/21/16	3606.45	--	31.45	--	3575.00
MW-2 (RW-1)	02/18/16	3606.45	--	31.49	--	3574.96
MW-2 (RW-1)	03/21/16	3606.45	31.40	31.47	0.07	3575.03
MW-2 (RW-1)	04/14/16	3606.45	31.47	31.50	0.03	3574.97
MW-2 (RW-1)	05/19/16	3606.45	31.59	31.67	0.08	3574.84
MW-2 (RW-1)	07/27/16	3606.45	31.89	32.09	0.20	3574.52
MW-2 (RW-1)	9/22/2016	3606.45	--	31.30	--	3575.15
MW-2 (RW-1)	10/13/16	3606.45	30.19	31.71	1.52	3575.93
MW-2 (RW-1)	12/08/16	3606.45	--	30.92	--	3575.53

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-3 (RW-3)	03/01/01	3606.33	24.19	26.92	2.73	3581.59
MW-3 (RW-3)	06/25/01	3606.33	24.91	27.01	2.10	3581.00
MW-3 (RW-3)	09/25/01	3606.33	25.09	27.52	2.43	3580.75
MW-3 (RW-3)	12/11/01	3606.33	25.29	27.70	2.41	3580.56
MW-3 (RW-3)	11/05/02	3606.33	26.13	28.14	2.01	3579.80
MW-3 (RW-3)	02/25/03	3606.33	26.34	29.55	3.21	3579.35
MW-3 (RW-3)	04/09/03	3606.33	26.24	29.02	2.78	3579.53
MW-3 (RW-3)	06/25/03	3606.33	26.47	28.06	1.59	3579.54
MW-3 (RW-3)	09/11/03	3606.33	26.89	28.72	1.83	3579.07
MW-3 (RW-3)	11/05/03	3606.33	26.85	28.45	1.60	3579.16
MW-3 (RW-3)	01/19/04	3606.33	26.95	28.86	1.91	3579.00
MW-3 (RW-3)	04/20/04	3606.33	27.19	28.64	1.45	3578.85
MW-3 (RW-3)	07/20/04	3606.33	27.26	28.53	1.27	3578.82
MW-3 (RW-3)	10/25/04	3606.33	25.77	25.78	0.01	3580.56
MW-3 (RW-3)	01/24/05	3606.33	24.91	24.93	0.02	3581.42
MW-3 (RW-3)	02/14/05	3606.33	--	24.83	--	3581.50
MW-3 (RW-3)	03/02/05	3606.33	--	24.78	--	3581.55
MW-3 (RW-3)	03/08/05	3606.33	--	24.76	--	3581.57
MW-3 (RW-3)	03/23/05	3606.33	--	24.69	--	3581.64
MW-3 (RW-3)	04/18/05	3606.33	24.55	24.56	0.01	3581.78
MW-3 (RW-3)	05/09/05	3606.33	--	24.58	--	3581.75
MW-3 (RW-3)	06/10/05	3606.33	--	24.56	--	3581.77
MW-3 (RW-3)	07/18/05	3606.33	24.55	24.57	0.02	3581.78
MW-3 (RW-3)	10/17/05	3606.33	--	24.47	--	3581.86
MW-3 (RW-3)	12/28/05	3606.33	--	24.63	--	3581.70
MW-3 (RW-3)	01/10/06	3606.33	--	24.69	--	3581.64
MW-3 (RW-3)	01/23/06	3606.33	24.47	24.66	0.19	3581.82
MW-3 (RW-3)	04/24/06	3606.33	25.03	25.10	0.07	3581.29
MW-3 (RW-3)	07/24/06	3606.33	25.38	25.39	0.01	3580.95
MW-3 (RW-3)	10/23/06	3606.33	25.27	25.28	0.01	3581.06
MW-3 (RW-3)	01/23/07	3606.33	25.31	25.32	0.01	3581.02
MW-3 (RW-3)	04/23/07	3606.33	25.61	25.65	0.04	3580.71
MW-3 (RW-3)	07/23/07	3606.33	25.74	25.77	0.03	3580.58
MW-3 (RW-3)	10/22/07	3606.33	25.77	25.78	0.01	3580.56
MW-3 (RW-3)	01/28/08	3606.33	25.81	25.82	0.01	3580.52
MW-3 (RW-3)	04/21/08	3606.33	--	26.05	--	3580.28
MW-3 (RW-3)	07/21/08	3606.33	--	26.34	--	3579.99
MW-3 (RW-3)	10/20/08	3606.33	--	26.61	--	3579.72
MW-3 (RW-3)	01/19/09	3606.33	26.75	26.76	0.01	3579.58
MW-3 (RW-3)	04/20/09	3606.33	26.99	27.00	0.01	3579.34
MW-3 (RW-3)	07/27/09	3606.33	--	27.29	--	3579.04

Table 2

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-3 (RW-3)	10/26/09	3606.33	--	27.45	--	3578.88
MW-3 (RW-3)	01/25/10	3606.33	--	27.58	--	3578.75
MW-3 (RW-3)	04/26/10	3606.33	--	27.89	--	3578.44
MW-3 (RW-3)	07/26/10	3606.33	--	27.63	--	3578.70
MW-3 (RW-3)	10/25/10	3606.33	27.43	27.45	0.02	3578.90
MW-3 (RW-3)	01/24/11	3606.33	28.08	28.09	0.01	3578.25
MW-3 (RW-3)	04/18/11	3606.33	28.09	28.10	0.01	3578.24
MW-3 (RW-3)	10/10/11	3606.33	--	28.60	--	3577.73
MW-3 (RW-3)	05/30/12	3606.33	--	29.36	--	3576.97
MW-3 (RW-3)	02/27/13	3606.33	29.92	30.39	0.47	3576.32
MW-3 (RW-3)	03/07/13	3606.33	29.92	30.41	0.49	3576.31
MW-3 (RW-3)	07/23/13	3606.33	30.31	30.87	0.56	3575.91
MW-3 (RW-3)	03/10/14	3606.33	30.81	31.28	0.47	3575.42
MW-3 (RW-3)	03/25/14	3606.33	30.82	31.35	0.53	3575.39
MW-3 (RW-3)	04/02/14	3606.33	30.84	31.36	0.52	3575.38
MW-3 (RW-3)	04/16/14	3606.33	30.85	31.41	0.56	3575.36
MW-3 (RW-3)	04/28/14	3606.33	30.91	31.44	0.53	3575.30
MW-3 (RW-3)	05/15/14	3606.33	30.95	31.46	0.51	3575.27
MW-3 (RW-3)	05/28/14	3606.33	31.01	31.48	0.47	3575.22
MW-3 (RW-3)	06/09/14	3606.33	31.02	31.55	0.53	3575.19
MW-3 (RW-3)	07/29/14	3606.33	31.17	31.72	0.55	3575.04
MW-3 (RW-3)	08/06/14	3606.33	31.20	31.72	0.52	3575.02
MW-3 (RW-3)	08/19/14	3606.33	31.19	31.74	0.55	3575.02
MW-3 (RW-3)	09/03/14	3606.33	31.32	31.78	0.46	3574.91
MW-3 (RW-3)	10/01/14	3606.33	31.07	31.33	0.26	3575.20
MW-3 (RW-3)	10/30/14	3606.33	31.06	31.35	0.29	3575.21
MW-3 (RW-3)	11/19/14	3606.33	30.90	31.31	0.41	3575.34
MW-3 (RW-3)	11/24/14	3606.33	--	31.06	--	3575.27
MW-3 (RW-3)	12/10/14	3606.33	--	31.06	--	3575.27
MW-3 (RW-3)	01/20/15	3606.33	--	31.01	--	3575.32
MW-3 (RW-3)	02/24/15	3606.33	30.95	30.98	0.03	3575.37
MW-3 (RW-3)	02/25/15	3606.33	--	31.00	--	3575.33
MW-3 (RW-3)	02/26/15	3606.33	--	31.00	--	3575.33
MW-3 (RW-3)	02/27/15	3606.33	30.99	31.00	0.01	3575.34
MW-3 (RW-3)	03/10/15	3606.33	--	31.00	--	3575.33
MW-3 (RW-3)	04/23/15	3606.33	--	31.08	--	3575.25
MW-3 (RW-3)	04/24/15	3606.33	--	31.13	--	3575.20
MW-3 (RW-3)	04/27/15	3606.33	--	31.22	--	3575.11
MW-3 (RW-3)	05/15/15	3606.33	31.20	31.21	0.01	3575.13
MW-3 (RW-3)	06/08/15	3606.33	--	31.18	--	3575.15
MW-3 (RW-3)	07/09/15	3606.33	--	31.10	--	3575.23

Table 2

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-3 (RW-3)	07/10/15	3606.33	--	31.12	--	3575.21
MW-3 (RW-3)	07/27/15	3606.33	--	31.06	--	3575.27
MW-3 (RW-3)	08/18/15	3606.33	--	31.05	--	3575.28
MW-3 (RW-3)	09/29/15	3607.33	--	31.04	--	3576.29
MW-3 (RW-3)	11/19/15	3606.33	--	30.83	--	3575.50
MW-3 (RW-3)	11/20/15	3606.33	--	30.87	--	3575.46
MW-3 (RW-3)	11/23/15	3606.33	--	30.88	--	3575.45
MW-3 (RW-3)	01/21/16	3606.33	--	30.71	--	3575.62
MW-3 (RW-3)	02/18/16	3606.33	--	30.69	--	3575.64
MW-3 (RW-3)	03/21/16	3606.33	--	30.62	--	3575.71
MW-3 (RW-3)	04/14/16	3606.33	--	30.67	--	3575.66
MW-3 (RW-3)	05/19/16	3607.33	--	30.82	--	3576.51
MW-3 (RW-3)	07/27/16	3608.33	--	31.11	--	3577.22
MW-3 (RW-3)	09/22/16	3608.33	--	30.55	--	3577.78
MW-3 (RW-3)	12/08/16	3609.33	--	30.15	--	3579.18

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East Hobbs Junction
Hobbs, Lea County, New Mexico

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-4 (SVE-1)	03/01/01	3606.69	--	24.60	--	3582.09
MW-4 (SVE-1)	06/25/01	3606.69	--	25.14	--	3581.55
MW-4 (SVE-1)	09/25/01	3606.69	--	25.36	--	3581.33
MW-4 (SVE-1)	12/11/01	3606.69	--	24.54	--	3582.15
MW-4 (SVE-1)	05/21/02	3606.69	--	25.95	--	3580.74
MW-4 (SVE-1)	06/08/02	3606.69	--	26.00	--	3580.69
MW-4 (SVE-1)	06/15/02	3606.69	--	26.00	--	3580.69
MW-4 (SVE-1)	10/15/02	3606.37	--	26.86	--	3579.51
MW-4 (SVE-1)	10/25/02	3606.37	--	26.90	--	3579.47
MW-4 (SVE-1)	10/26/02	3606.37	--	26.89	--	3579.48
MW-4 (SVE-1)	11/04/02	3606.37	--	26.86	--	3579.51
MW-4 (SVE-1)	11/05/02	3606.37	--	26.80	--	3579.57
MW-4 (SVE-1)	12/16/02	3606.37	--	26.80	--	3579.57
MW-4 (SVE-1)	01/22/03	3606.37	--	26.68	--	3579.69
MW-4 (SVE-1)	02/14/03	3606.37	--	26.88	--	3579.49
MW-4 (SVE-1)	02/24/03	3606.37	--	26.90	--	3579.47
MW-4 (SVE-1)	04/07/03	3606.37	--	27.00	--	3579.37
MW-4 (SVE-1)	04/24/03	3606.37	--	26.98	--	3579.39
MW-4 (SVE-1)	07/15/03	3606.37	--	27.09	--	3579.28
MW-4 (SVE-1)	09/11/03	3606.37	--	27.23	--	3579.14
MW-4 (SVE-1)	10/15/03	3606.37	--	27.25	--	3579.12
MW-4 (SVE-1)	01/19/04	3606.37	--	27.71	--	3578.66
MW-4 (SVE-1)	04/19/04	3606.37	--	27.64	--	3578.73
MW-4 (SVE-1)	07/20/04	3606.37	--	27.90	--	3578.47
MW-4 (SVE-1)	10/25/04	3606.37	--	26.21	--	3580.16
MW-4 (SVE-1)	01/24/05	3606.37	--	25.42	--	3580.95
MW-4 (SVE-1)	04/18/05	3606.37	--	25.10	--	3581.27
MW-4 (SVE-1)	07/18/05	3606.37	--	25.06	--	3581.31
MW-4 (SVE-1)	10/17/05	3606.37	--	24.90	--	3581.47
MW-4 (SVE-1)	01/23/06	3606.37	--	25.11	--	3581.26
MW-4 (SVE-1)	04/24/06	3606.37	--	25.47	--	3580.90
MW-4 (SVE-1)	07/24/06	3606.37	--	25.82	--	3580.55
MW-4 (SVE-1)	10/23/06	3606.37	--	25.69	--	3580.68
MW-4 (SVE-1)	01/23/07	3606.37	--	25.76	--	3580.61
MW-4 (SVE-1)	04/23/07	3606.37	--	26.05	--	3580.32
MW-4 (SVE-1)	07/23/07	3606.37	--	26.18	--	3580.19
MW-4 (SVE-1)	10/22/07	3606.37	--	26.25	--	3580.12
MW-4 (SVE-1)	01/28/08	3606.37	--	26.28	--	3580.09
MW-4 (SVE-1)	04/21/08	3606.37	--	26.47	--	3579.90
MW-4 (SVE-1)	07/21/08	3606.37	--	26.74	--	3579.63
MW-4 (SVE-1)	10/20/08	3606.37	--	27.15	--	3579.22

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MW-4 (SVE-1)	01/19/09	3606.37	--	27.27	--	3579.10
MW-4 (SVE-1)	04/20/09	3606.37	--	27.50	--	3578.87
MW-4 (SVE-1)	07/27/09	3606.37	--	27.80	--	3578.57
MW-4 (SVE-1)	10/26/09	3606.37	--	27.94	--	3578.43
MW-4 (SVE-1)	01/25/10	3606.37	--	28.12	--	3578.25
MW-4 (SVE-1)	04/26/10	3606.37	--	28.39	--	3577.98
MW-4 (SVE-1)	07/26/10	3606.37	--	28.12	--	3578.25
MW-4 (SVE-1)	10/25/10	3606.37	--	28.02	--	3578.35
MW-4 (SVE-1)	01/24/11	3606.37	--	28.32	--	3578.05
MW-4 (SVE-1)	04/18/11	3606.37	--	28.62	--	3577.75
MW-4 (SVE-1)	10/10/11	3606.37	--	29.08	--	3577.29
MW-4 (SVE-1)	05/30/12	3606.37	--	29.78	--	3576.59
MW-4 (SVE-1)	02/27/13	3606.37	--	30.46	--	3575.91
MW-4 (SVE-1)	07/23/13	3606.37	--	30.85	--	3575.52
MW-4 (SVE-1)	03/25/14	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	07/29/14	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	02/24/15	3606.37	--	31.49	--	3574.88
MW-4 (SVE-1)	03/11/15	3606.37	--	31.57	--	3574.80
MW-4 (SVE-1)	07/27/15	3606.37	--	31.70	--	3574.67
MW-4 (SVE-1)	03/21/16	3606.37	--	31.25	--	3575.12
MW-4 (SVE-1)	09/22/16	3606.37	--	30.86	--	3575.51

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MW-5 (SVE-2)	03/01/01	3605.52	--	24.03	--	3581.49
MW-5 (SVE-2)	06/25/01	3605.52	--	24.23	--	3581.29
MW-5 (SVE-2)	09/25/01	3605.52	--	24.48	--	3581.04
MW-5 (SVE-2)	12/11/01	3605.52	--	24.68	--	3580.84
MW-5 (SVE-2)	05/21/02	3605.52	--	25.12	--	3580.40
MW-5 (SVE-2)	06/08/02	3605.52	--	25.13	--	3580.39
MW-5 (SVE-2)	06/15/02	3605.52	--	25.13	--	3580.39
MW-5 (SVE-2)	10/15/02	3604.90	--	26.20	--	3578.70
MW-5 (SVE-2)	10/25/02	3604.90	--	26.19	--	3578.71
MW-5 (SVE-2)	10/26/02	3604.90	--	26.21	--	3578.69
MW-5 (SVE-2)	11/04/02	3604.90	--	26.08	--	3578.82
MW-5 (SVE-2)	11/05/02	3604.90	--	26.02	--	3578.88
MW-5 (SVE-2)	12/16/02	3604.90	--	26.06	--	3578.84
MW-5 (SVE-2)	01/22/03	3604.90	--	25.81	--	3579.09
MW-5 (SVE-2)	02/08/03	3604.90	--	25.91	--	3578.99
MW-5 (SVE-2)	02/14/03	3604.90	--	25.89	--	3579.01
MW-5 (SVE-2)	02/24/03	3604.90	--	25.96	--	3578.94
MW-5 (SVE-2)	04/07/03	3604.90	--	26.06	--	3578.84
MW-5 (SVE-2)	04/24/03	3604.90	--	26.05	--	3578.85
MW-5 (SVE-2)	07/15/03	3604.90	--	26.38	--	3578.52
MW-5 (SVE-2)	09/11/03	3604.90	--	26.43	--	3578.47
MW-5 (SVE-2)	10/15/03	3604.90	--	26.70	--	3578.20
MW-5 (SVE-2)	01/19/04	3604.90	--	27.06	--	3577.84
MW-5 (SVE-2)	04/19/04	3604.90	--	26.93	--	3577.97
MW-5 (SVE-2)	07/20/04	3604.90	--	27.17	--	3577.73
MW-5 (SVE-2)	10/25/04	3604.90	--	25.22	--	3579.68
MW-5 (SVE-2)	01/24/05	3604.90	--	24.52	--	3580.38
MW-5 (SVE-2)	04/18/05	3604.90	--	24.11	--	3580.79
MW-5 (SVE-2)	07/18/05	3604.90	--	24.18	--	3580.72
MW-5 (SVE-2)	10/17/05	3604.90	--	24.00	--	3580.90
MW-5 (SVE-2)	01/23/06	3604.90	--	24.24	--	3580.66
MW-5 (SVE-2)	04/24/06	3604.90	--	24.66	--	3580.24
MW-5 (SVE-2)	07/24/06	3604.90	--	25.03	--	3579.87
MW-5 (SVE-2)	10/23/06	3604.90	--	24.91	--	3579.99
MW-5 (SVE-2)	01/23/07	3604.90	--	24.90	--	3580.00
MW-5 (SVE-2)	04/23/07	3604.90	--	25.22	--	3579.68
MW-5 (SVE-2)	07/23/07	3604.90	--	25.35	--	3579.55
MW-5 (SVE-2)	10/22/07	3604.90	--	25.35	--	3579.55
MW-5 (SVE-2)	01/28/08	3604.90	--	25.38	--	3579.52
MW-5 (SVE-2)	04/21/08	3604.90	--	25.64	--	3579.26
MW-5 (SVE-2)	07/21/08	3604.90	--	25.95	--	3578.95

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MW-5 (SVE-2)	10/20/08	3604.90	--	26.21	--	3578.69
MW-5 (SVE-2)	01/19/09	3604.90	--	26.23	--	3578.67
MW-5 (SVE-2)	04/20/09	3604.90	--	26.59	--	3578.31
MW-5 (SVE-2)	07/27/09	3604.90	--	26.78	--	3578.12
MW-5 (SVE-2)	10/26/09	3604.90	--	26.92	--	3577.98
MW-5 (SVE-2)	01/25/10	3604.90	--	27.22	--	3577.68
MW-5 (SVE-2)	04/26/10	3604.90	--	27.45	--	3577.45
MW-5 (SVE-2)	07/26/10	3604.90	--	27.21	--	3577.69
MW-5 (SVE-2)	10/25/10	3604.90	--	26.89	--	3578.01
MW-5 (SVE-2)	01/24/11	3604.90	--	27.34	--	3577.56
MW-5 (SVE-2)	04/18/11	3604.90	--	27.72	--	3577.18
MW-5 (SVE-2)	10/10/11	3604.90	--	28.25	--	3576.65
MW-5 (SVE-2)	05/30/12	3604.90	--	29.01	--	3575.89
MW-5 (SVE-2)	02/27/13	3604.90	--	29.69	--	3575.21
MW-5 (SVE-2)	07/23/13	3604.90	--	30.11	--	3574.79
MW-5 (SVE-2)	03/25/14	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	07/29/14	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	02/24/15	3604.90	--	30.63	--	3574.27
MW-5 (SVE-2)	03/10/15	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	07/27/15	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	03/21/16	3604.90	--	30.25	--	3574.65
MW-5 (SVE-2)	09/22/16	3604.90	--	30.26	--	3574.64

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MW-6 (RW-4)	03/01/01	3606.14	24.51	25.54	1.03	3581.42
MW-6 (RW-4)	06/25/01	3606.14	24.42	26.88	2.46	3581.23
MW-6 (RW-4)	09/25/01	3606.14	25.93	25.96	0.03	3580.20
MW-6 (RW-4)	12/11/01	3606.14	25.66	27.64	1.98	3580.08
MW-6 (RW-4)	06/25/03	3606.14	26.78	28.31	1.53	3579.05
MW-6 (RW-4)	09/11/03	3606.14	26.83	28.46	1.63	3578.98
MW-6 (RW-4)	11/05/03	3606.14	27.19	28.02	0.83	3578.78
MW-6 (RW-4)	01/19/04	3606.14	27.36	28.41	1.05	3578.57
MW-6 (RW-4)	04/20/04	3606.14	27.63	27.96	0.33	3578.44
MW-6 (RW-4)	07/20/04	3606.14	28.01	28.38	0.37	3578.06
MW-6 (RW-4)	10/25/04	3606.14	26.21	26.22	0.01	3579.93
MW-6 (RW-4)	01/24/05	3606.14	--	25.17	--	3580.97
MW-6 (RW-4)	02/14/05	3606.14	--	25.11	--	3581.03
MW-6 (RW-4)	03/02/05	3606.14	25.05	25.06	0.01	3581.09
MW-6 (RW-4)	03/08/05	3606.14	--	25.02	--	3581.12
MW-6 (RW-4)	03/23/05	3606.14	--	24.97	--	3581.17
MW-6 (RW-4)	04/18/05	3606.14	--	24.86	--	3581.28
MW-6 (RW-4)	05/09/05	3606.14	--	24.87	--	3581.27
MW-6 (RW-4)	06/10/05	3606.14	--	24.83	--	3581.31
MW-6 (RW-4)	07/18/05	3606.14	--	24.84	--	3581.30
MW-6 (RW-4)	10/17/05	3606.14	--	24.75	--	3581.39
MW-6 (RW-4)	12/28/05	3606.14	--	24.90	--	3581.24
MW-6 (RW-4)	01/10/06	3606.14	--	24.96	--	3581.18
MW-6 (RW-4)	01/23/06	3606.14	--	24.94	--	3581.20
MW-6 (RW-4)	04/24/06	3606.14	25.30	25.31	0.01	3580.84
MW-6 (RW-4)	07/24/06	3606.14	25.65	25.66	0.01	3580.49
MW-6 (RW-4)	10/22/06	3606.14	25.53	25.54	0.01	3580.61
MW-6 (RW-4)	01/23/07	3606.14	25.59	25.60	0.01	3580.55
MW-6 (RW-4)	04/23/07	3606.14	--	25.88	--	3580.26
MW-6 (RW-4)	07/23/07	3606.17	26.01	26.02	0.01	3580.16
MW-6 (RW-4)	10/22/07	3606.17	26.06	26.07	0.01	3580.11
MW-6 (RW-4)	01/28/08	3606.17	26.10	26.11	0.01	3580.07
MW-6 (RW-4)	04/21/08	3606.17	--	26.32	--	3579.85
MW-6 (RW-4)	07/21/08	3606.17	--	26.60	--	3579.57
MW-6 (RW-4)	10/20/08	3606.17	--	26.83	--	3579.34
MW-6 (RW-4)	01/19/09	3606.17	26.96	26.97	0.01	3579.21
MW-6 (RW-4)	04/20/09	3606.17	--	27.20	--	3578.97
MW-6 (RW-4)	07/27/09	3606.17	--	27.50	--	3578.67
MW-6 (RW-4)	10/26/09	3606.17	--	27.64	--	3578.53
MW-6 (RW-4)	01/25/10	3606.17	--	27.85	--	3578.32
MW-6 (RW-4)	04/26/10	3606.17	--	28.08	--	3578.09

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MW-6 (RW-4)	07/26/10	3606.17	--	27.83	--	3578.34
MW-6 (RW-4)	10/25/10	3606.17	--	27.64	--	3578.53
MW-6 (RW-4)	01/24/11	3606.17	--	28.27	--	3577.90
MW-6 (RW-4)	04/18/11	3606.17	--	28.30	--	3577.87
MW-6 (RW-4)	10/10/11	3606.17	--	28.78	--	3577.39
MW-6 (RW-4)	05/30/12	3606.17	--	29.43	--	3576.74
MW-6 (RW-4)	02/27/13	3606.17	--	30.12	--	3576.05
MW-6 (RW-4)	07/23/13	3606.17	--	30.50	--	3575.67
MW-6 (RW-4)	03/25/14	3606.17	--	31.05	--	3575.12
MW-6 (RW-4)	07/29/14	3606.17	--	31.31	--	3574.86
MW-6 (RW-4)	02/24/15	3606.17	--	31.12	--	3575.05
MW-6 (RW-4)	03/10/15	3606.17	--	31.18	--	3574.99
MW-6 (RW-4)	07/27/15	3606.17	--	31.30	--	3574.87
MW-6 (RW-4)	03/21/16	3606.17	--	30.85	--	3575.32
MW-6 (RW-4)	09/22/16	3606.17	--	30.85	--	3575.32
MW-7 (RW-5)	03/01/01	3605.50	23.73	26.61	2.88	3581.19
MW-7 (RW-5)	06/25/01	3605.50	25.30	25.35	0.05	3580.19
MW-7 (RW-5)	09/25/01	3605.50	25.41	26.05	0.64	3579.96
MW-7 (RW-5)	05/22/02	3605.50	25.98	26.54	0.56	3579.41
MW-7 (RW-5)	11/05/02	3605.50	25.44	28.68	3.24	3579.41
MW-7 (RW-5)	02/25/03	3605.50	26.08	29.56	3.48	3578.72
MW-7 (RW-5)	04/09/03	3605.50	26.28	29.18	2.90	3578.64
MW-7 (RW-5)	06/25/03	3605.50	26.72	28.73	2.01	3578.38
MW-7 (RW-5)	09/11/03	3605.50	26.73	29.08	2.35	3578.30
MW-7 (RW-5)	11/05/03	3605.50	27.00	29.03	2.03	3578.09
MW-7 (RW-5)	01/19/04	3605.50	27.00	29.77	2.77	3577.95
MW-7 (RW-5)	04/20/04	3605.50	27.30	29.55	2.25	3577.75
MW-7 (RW-5)	07/20/04	3605.50	27.47	29.11	1.64	3577.70
MW-7 (RW-5)	10/25/04	3605.50	25.16	25.79	0.63	3580.21
MW-7 (RW-5)	01/24/05	3605.50	25.10	25.12	0.02	3580.40
MW-7 (RW-5)	02/14/05	3605.50	24.86	26.02	1.16	3580.41
MW-7 (RW-5)	03/02/05	3605.50	24.62	26.49	1.87	3580.51
MW-7 (RW-5)	03/08/05	3605.50	24.58	26.41	1.83	3580.55
MW-7 (RW-5)	03/23/05	3605.50	24.45	26.56	2.11	3580.63
MW-7 (RW-5)	04/18/05	3605.50	24.58	25.84	1.26	3580.67
MW-7 (RW-5)	05/09/05	3605.50	24.54	26.14	1.60	3580.64
MW-7 (RW-5)	06/10/05	3605.50	24.25	26.18	1.93	3580.86
MW-7 (RW-5)	07/18/05	3605.50	24.75	25.47	0.72	3580.61
MW-7 (RW-5)	10/17/05	3605.50	24.78	24.79	0.01	3580.72
MW-7 (RW-5)	11/29/05	3605.50	--	24.94	--	3580.56

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Phillips 66 Company
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Hobbs, Lea County, New Mexico

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-7 (RW-5)	12/06/05	3605.50	24.87	24.88	0.01	3580.63
MW-7 (RW-5)	12/12/05	3605.50	24.91	24.92	0.01	3580.59
MW-7 (RW-5)	12/21/05	3605.50	--	24.94	--	3580.56
MW-7 (RW-5)	12/28/05	3605.50	--	24.95	--	3580.55
MW-7 (RW-5)	01/04/06	3605.50	--	25.01	--	3580.49
MW-7 (RW-5)	01/10/06	3605.50	--	25.01	--	3580.49
MW-7 (RW-5)	01/16/06	3605.50	25.03	25.04	0.01	3580.47
MW-7 (RW-5)	01/23/06	3605.50	24.99	25.01	0.02	3580.51
MW-7 (RW-5)	02/01/06	3605.50	25.11	25.12	0.01	3580.39
MW-7 (RW-5)	02/16/06	3605.50	25.18	25.19	0.01	3580.32
MW-7 (RW-5)	03/06/06	3605.50	25.25	25.27	0.02	3580.25
MW-7 (RW-5)	03/29/06	3605.50	25.33	25.34	0.01	3580.17
MW-7 (RW-5)	04/04/06	3605.50	25.36	25.37	0.01	3580.14
MW-7 (RW-5)	04/11/06	3605.50	25.41	25.42	0.01	3580.09
MW-7 (RW-5)	04/17/06	3605.50	25.42	25.44	0.02	3580.08
MW-7 (RW-5)	04/24/06	3605.50	25.36	25.39	0.03	3580.13
MW-7 (RW-5)	05/03/06	3605.50	25.49	25.51	0.02	3580.01
MW-7 (RW-5)	05/31/06	3605.50	25.62	25.65	0.03	3579.87
MW-7 (RW-5)	06/09/06	3605.50	25.66	25.71	0.05	3579.83
MW-7 (RW-5)	06/12/06	3605.50	25.67	25.73	0.06	3579.82
MW-7 (RW-5)	06/26/06	3605.50	25.74	25.84	0.10	3579.74
MW-7 (RW-5)	07/05/06	3605.50	25.81	25.91	0.10	3579.67
MW-7 (RW-5)	07/10/06	3605.50	25.61	25.92	0.31	3579.83
MW-7 (RW-5)	07/17/06	3605.50	25.86	25.88	0.02	3579.64
MW-7 (RW-5)	07/24/06	3605.50	25.75	25.79	0.04	3579.74
MW-7 (RW-5)	08/02/06	3605.50	25.93	25.94	0.01	3579.57
MW-7 (RW-5)	08/14/06	3605.50	25.96	25.99	0.03	3579.53
MW-7 (RW-5)	08/28/06	3605.50	26.02	26.07	0.05	3579.47
MW-7 (RW-5)	09/14/06	3605.50	25.91	25.92	0.01	3579.59
MW-7 (RW-5)	09/21/06	3605.50	25.75	26.06	0.31	3579.69
MW-7 (RW-5)	09/25/06	3605.50	25.76	26.15	0.39	3579.66
MW-7 (RW-5)	10/02/06	3605.50	25.77	25.89	0.12	3579.71
MW-7 (RW-5)	10/10/06	3605.50	25.77	25.89	0.12	3579.71
MW-7 (RW-5)	10/16/06	3605.50	25.78	25.99	0.21	3579.68
MW-7 (RW-5)	10/23/06	3605.50	25.60	25.80	0.20	3579.86
MW-7 (RW-5)	10/30/06	3605.50	24.92	25.86	0.94	3580.39
MW-7 (RW-5)	11/06/06	3605.50	25.73	26.01	0.28	3579.71
MW-7 (RW-5)	11/21/06	3605.50	25.79	25.93	0.14	3579.68
MW-7 (RW-5)	11/28/06	3605.50	25.74	25.95	0.21	3579.72
MW-7 (RW-5)	12/05/06	3605.50	25.75	26.04	0.29	3579.69
MW-7 (RW-5)	12/11/06	3605.50	25.75	26.11	0.36	3579.68

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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-7 (RW-5)	12/18/06	3605.50	25.75	26.19	0.44	3579.66
MW-7 (RW-5)	01/02/07	3605.50	25.83	26.16	0.33	3579.60
MW-7 (RW-5)	01/08/07	3605.50	25.81	26.14	0.33	3579.62
MW-7 (RW-5)	01/23/07	3605.50	25.61	26.06	0.45	3579.80
MW-7 (RW-5)	02/05/07	3605.50	25.88	26.36	0.48	3579.52
MW-7 (RW-5)	02/26/07	3605.50	25.92	26.57	0.65	3579.45
MW-7 (RW-5)	03/05/07	3605.50	25.96	26.63	0.67	3579.41
MW-7 (RW-5)	03/13/07	3605.50	26.02	26.37	0.35	3579.41
MW-7 (RW-5)	03/19/07	3605.50	26.03	26.41	0.38	3579.39
MW-7 (RW-5)	03/26/07	3605.50	26.06	26.48	0.42	3579.36
MW-7 (RW-5)	04/02/07	3605.50	26.08	26.48	0.40	3579.34
MW-7 (RW-5)	04/23/07	3605.50	25.92	26.43	0.51	3579.48
MW-7 (RW-5)	05/01/07	3605.50	26.20	26.55	0.35	3579.23
MW-7 (RW-5)	05/29/07	3605.50	26.21	26.59	0.38	3579.21
MW-7 (RW-5)	06/04/07	3605.50	26.21	26.89	0.68	3579.15
MW-7 (RW-5)	06/11/07	3605.50	26.23	26.61	0.38	3579.19
MW-7 (RW-5)	06/18/07	3605.50	26.24	26.61	0.37	3579.19
MW-7 (RW-5)	06/26/07	3605.50	26.00	26.39	0.39	3579.42
MW-7 (RW-5)	07/09/07	3605.50	26.04	26.42	0.38	3579.38
MW-7 (RW-5)	07/17/07	3605.50	26.04	26.35	0.31	3579.40
MW-7 (RW-5)	07/23/07	3605.50	26.05	26.42	0.37	3579.38
MW-7 (RW-5)	07/30/07	3605.50	26.07	26.31	0.24	3579.38
MW-7 (RW-5)	08/07/07	3605.50	26.07	26.37	0.30	3579.37
MW-7 (RW-5)	08/20/07	3605.50	26.10	26.41	0.31	3579.34
MW-7 (RW-5)	08/27/07	3605.50	26.11	26.44	0.33	3579.32
MW-7 (RW-5)	09/04/07	3605.50	26.12	26.43	0.31	3579.32
MW-7 (RW-5)	09/10/07	3605.50	26.12	26.47	0.35	3579.31
MW-7 (RW-5)	09/25/07	3605.50	26.21	26.43	0.22	3579.25
MW-7 (RW-5)	10/02/07	3605.50	26.17	26.32	0.15	3579.30
MW-7 (RW-5)	10/11/07	3605.50	26.20	26.34	0.14	3579.27
MW-7 (RW-5)	10/22/07	3605.50	26.06	26.28	0.22	3579.40
MW-7 (RW-5)	10/31/07	3605.50	26.14	26.27	0.13	3579.33
MW-7 (RW-5)	11/12/07	3605.50	26.14	26.30	0.16	3579.33
MW-7 (RW-5)	11/19/07	3605.50	26.14	26.33	0.19	3579.32
MW-7 (RW-5)	12/05/07	3605.50	26.16	26.35	0.19	3579.30
MW-7 (RW-5)	12/10/07	3605.50	26.16	26.35	0.19	3579.30
MW-7 (RW-5)	12/20/07	3605.50	26.21	26.40	0.19	3579.25
MW-7 (RW-5)	01/02/08	3605.50	26.29	26.47	0.18	3579.17
MW-7 (RW-5)	01/07/08	3605.50	26.26	26.53	0.27	3579.19
MW-7 (RW-5)	01/28/08	3605.50	26.14	26.37	0.23	3579.31
MW-7 (RW-5)	02/12/08	3605.50	26.39	26.51	0.12	3579.09

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MW-7 (RW-5)	02/26/08	3605.50	26.43	26.54	0.11	3579.05
MW-7 (RW-5)	04/21/08	3605.50	26.38	26.46	0.08	3579.10
MW-7 (RW-5)	04/28/08	3605.50	26.61	26.63	0.02	3578.89
MW-7 (RW-5)	05/20/08	3605.50	26.66	26.70	0.04	3578.83
MW-7 (RW-5)	06/02/08	3605.50	26.70	26.73	0.03	3578.79
MW-7 (RW-5)	06/09/08	3605.50	26.77	26.83	0.06	3578.72
MW-7 (RW-5)	06/16/08	3605.50	26.75	26.78	0.03	3578.74
MW-7 (RW-5)	06/30/08	3605.50	26.82	26.84	0.02	3578.68
MW-7 (RW-5)	07/14/08	3605.50	26.88	26.90	0.02	3578.62
MW-7 (RW-5)	07/21/08	3605.50	26.69	26.72	0.03	3578.80
MW-7 (RW-5)	08/06/08	3605.50	26.96	27.02	0.06	3578.53
MW-7 (RW-5)	08/18/08	3605.50	27.02	27.06	0.04	3578.47
MW-7 (RW-5)	09/09/08	3605.50	--	27.06	--	3578.44
MW-7 (RW-5)	09/15/08	3605.50	--	27.08	--	3578.42
MW-7 (RW-5)	09/22/08	3605.50	--	27.11	--	3578.39
MW-7 (RW-5)	09/29/08	3605.50	--	27.15	--	3578.35
MW-7 (RW-5)	10/07/08	3605.50	--	27.20	--	3578.30
MW-7 (RW-5)	10/20/08	3605.50	--	26.92	--	3578.58
MW-7 (RW-5)	10/28/08	3605.50	--	27.22	--	3578.28
MW-7 (RW-5)	11/07/08	3605.50	--	27.23	--	3578.27
MW-7 (RW-5)	11/24/08	3605.50	--	27.22	--	3578.28
MW-7 (RW-5)	12/01/08	3605.50	--	27.23	--	3578.27
MW-7 (RW-5)	12/08/08	3605.50	--	27.24	--	3578.26
MW-7 (RW-5)	12/24/08	3605.50	--	27.28	--	3578.22
MW-7 (RW-5)	12/29/08	3605.50	--	27.29	--	3578.21
MW-7 (RW-5)	01/06/09	3605.50	--	27.34	--	3578.16
MW-7 (RW-5)	01/14/09	3605.50	--	27.29	--	3578.21
MW-7 (RW-5)	01/19/09	3605.50	27.02	27.03	0.01	3578.48
MW-7 (RW-5)	01/26/09	3605.50	--	27.37	--	3578.13
MW-7 (RW-5)	02/10/09	3605.50	--	27.41	--	3578.09
MW-7 (RW-5)	02/26/09	3605.50	--	27.43	--	3578.07
MW-7 (RW-5)	03/02/09	3605.50	--	27.41	--	3578.09
MW-7 (RW-5)	03/09/09	3605.50	--	27.45	--	3578.05
MW-7 (RW-5)	03/16/09	3605.50	--	27.46	--	3578.04
MW-7 (RW-5)	03/24/09	3605.50	--	27.50	--	3578.00
MW-7 (RW-5)	03/30/09	3605.50	--	27.46	--	3578.04
MW-7 (RW-5)	04/06/09	3605.50	--	27.50	--	3578.00
MW-7 (RW-5)	04/14/09	3605.50	--	27.48	--	3578.02
MW-7 (RW-5)	04/20/09	3605.50	27.28	27.29	0.01	3578.22
MW-7 (RW-5)	04/28/09	3605.50	--	27.50	--	3578.00
MW-7 (RW-5)	05/11/09	3605.50	--	27.54	--	3577.96

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MW-7 (RW-5)	05/26/09	3605.50	--	27.56	--	3577.94
MW-7 (RW-5)	06/01/09	3605.50	--	27.60	--	3577.90
MW-7 (RW-5)	06/09/09	3605.50	--	27.58	--	3577.92
MW-7 (RW-5)	06/15/09	3605.50	--	27.65	--	3577.85
MW-7 (RW-5)	06/29/09	3605.50	--	27.63	--	3577.87
MW-7 (RW-5)	07/06/09	3605.50	--	27.68	--	3577.82
MW-7 (RW-5)	07/14/09	3605.50	--	27.71	--	3577.79
MW-7 (RW-5)	07/20/09	3605.50	--	27.55	--	3577.95
MW-7 (RW-5)	07/27/09	3605.50	--	27.60	--	3577.90
MW-7 (RW-5)	08/03/09	3605.50	--	27.79	--	3577.71
MW-7 (RW-5)	08/12/09	3605.50	--	27.79	--	3577.71
MW-7 (RW-5)	08/24/09	3605.50	--	27.79	--	3577.71
MW-7 (RW-5)	08/31/09	3605.50	--	27.80	--	3577.70
MW-7 (RW-5)	09/08/09	3605.50	--	27.75	--	3577.75
MW-7 (RW-5)	09/16/09	3605.50	--	27.80	--	3577.70
MW-7 (RW-5)	09/28/09	3605.50	--	27.78	--	3577.72
MW-7 (RW-5)	10/05/09	3605.50	--	27.82	--	3577.68
MW-7 (RW-5)	10/12/09	3605.50	--	27.85	--	3577.65
MW-7 (RW-5)	10/26/09	3605.50	27.72	27.73	0.01	3577.78
MW-7 (RW-5)	11/03/09	3605.50	--	27.93	--	3577.57
MW-7 (RW-5)	11/10/09	3605.50	--	27.88	--	3577.62
MW-7 (RW-5)	11/23/09	3605.50	--	27.90	--	3577.60
MW-7 (RW-5)	11/30/09	3605.50	--	27.94	--	3577.56
MW-7 (RW-5)	12/07/09	3605.50	--	27.93	--	3577.57
MW-7 (RW-5)	12/22/09	3605.50	--	28.00	--	3577.50
MW-7 (RW-5)	01/04/10	3605.50	--	28.00	--	3577.50
MW-7 (RW-5)	01/11/10	3605.50	--	28.05	--	3577.45
MW-7 (RW-5)	01/18/10	3605.50	--	28.02	--	3577.48
MW-7 (RW-5)	01/25/10	3605.50	--	27.95	--	3577.55
MW-7 (RW-5)	02/01/10	3605.50	--	28.06	--	3577.44
MW-7 (RW-5)	02/08/10	3605.50	--	28.10	--	3577.40
MW-7 (RW-5)	02/22/10	3605.50	--	28.09	--	3577.41
MW-7 (RW-5)	03/01/10	3605.50	--	28.19	--	3577.31
MW-7 (RW-5)	03/08/10	3605.50	--	28.25	--	3577.25
MW-7 (RW-5)	03/22/10	3605.50	--	28.29	--	3577.21
MW-7 (RW-5)	03/29/10	3605.50	--	28.30	--	3577.20
MW-7 (RW-5)	04/05/10	3605.50	--	28.34	--	3577.16
MW-7 (RW-5)	04/13/10	3605.50	--	28.32	--	3577.18
MW-7 (RW-5)	04/19/10	3605.50	--	28.38	--	3577.12
MW-7 (RW-5)	04/26/10	3605.50	--	28.18	--	3577.32
MW-7 (RW-5)	05/03/10	3605.50	--	28.41	--	3577.09

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MW-7 (RW-5)	05/14/10	3605.50	--	28.46	--	3577.04
MW-7 (RW-5)	05/20/10	3605.50	--	28.43	--	3577.07
MW-7 (RW-5)	05/27/10	3605.50	--	28.44	--	3577.06
MW-7 (RW-5)	06/01/10	3605.50	--	28.47	--	3577.03
MW-7 (RW-5)	06/07/10	3605.50	--	28.49	--	3577.01
MW-7 (RW-5)	06/15/10	3605.50	--	28.53	--	3576.97
MW-7 (RW-5)	06/28/10	3605.50	--	28.50	--	3577.00
MW-7 (RW-5)	07/06/10	3605.50	--	28.50	--	3577.00
MW-7 (RW-5)	07/13/10	3605.50	--	28.33	--	3577.17
MW-7 (RW-5)	07/19/10	3605.50	--	28.28	--	3577.22
MW-7 (RW-5)	07/26/10	3605.50	--	27.91	--	3577.59
MW-7 (RW-5)	08/09/10	3605.50	--	28.11	--	3577.39
MW-7 (RW-5)	08/16/10	3605.50	--	28.07	--	3577.43
MW-7 (RW-5)	08/30/10	3605.50	--	28.04	--	3577.46
MW-7 (RW-5)	09/07/10	3605.50	--	27.99	--	3577.51
MW-7 (RW-5)	09/13/10	3605.50	--	28.00	--	3577.50
MW-7 (RW-5)	09/20/10	3605.50	--	27.95	--	3577.55
MW-7 (RW-5)	09/27/10	3605.50	--	27.99	--	3577.51
MW-7 (RW-5)	10/04/10	3605.50	--	27.95	--	3577.55
MW-7 (RW-5)	10/12/10	3605.50	--	27.99	--	3577.51
MW-7 (RW-5)	10/19/10	3605.50	--	27.96	--	3577.54
MW-7 (RW-5)	10/25/10	3605.50	27.70	27.71	0.01	3577.80
MW-7 (RW-5)	11/01/10	3605.50	--	28.03	--	3577.47
MW-7 (RW-5)	11/09/10	3605.50	--	28.03	--	3577.47
MW-7 (RW-5)	11/22/10	3605.50	--	28.05	--	3577.45
MW-7 (RW-5)	12/06/10	3605.50	--	28.13	--	3577.37
MW-7 (RW-5)	12/13/10	3605.50	--	28.11	--	3577.39
MW-7 (RW-5)	01/04/11	3605.50	--	28.29	--	3577.21
MW-7 (RW-5)	01/10/11	3605.50	--	28.24	--	3577.26
MW-7 (RW-5)	01/17/11	3605.50	--	28.28	--	3577.22
MW-7 (RW-5)	01/24/11	3605.50	28.35	28.36	0.01	3577.15
MW-7 (RW-5)	01/31/11	3605.50	--	28.32	--	3577.18
MW-7 (RW-5)	02/07/11	3605.50	--	28.37	--	3577.13
MW-7 (RW-5)	02/14/11	3605.50	--	28.46	--	3577.04
MW-7 (RW-5)	03/01/11	3605.50	--	28.56	--	3576.94
MW-7 (RW-5)	03/07/11	3605.50	--	28.55	--	3576.95
MW-7 (RW-5)	03/21/11	3605.50	--	28.53	--	3576.97
MW-7 (RW-5)	03/28/11	3605.50	--	28.60	--	3576.90
MW-7 (RW-5)	04/18/11	3605.50	--	28.71	--	3576.79
MW-7 (RW-5)	10/10/11	3605.50	--	28.92	--	3576.58
MW-7 (RW-5)	05/30/12	3605.50	--	29.66	--	3575.84

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East Hobbs Junction
Hobbs, Lea County, New Mexico

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-7 (RW-5)	01/17/13	3605.50	--	30.19	--	3575.31
MW-7 (RW-5)	01/24/13	3605.50	--	30.17	--	3575.33
MW-7 (RW-5)	01/31/13	3605.50	--	30.20	--	3575.30
MW-7 (RW-5)	02/07/13	3605.50	--	30.25	--	3575.25
MW-7 (RW-5)	02/14/13	3605.50	--	30.20	--	3575.30
MW-7 (RW-5)	02/27/13	3605.50	--	30.30	--	3575.20
MW-7 (RW-5)	03/07/13	3605.50	--	30.33	--	3575.17
MW-7 (RW-5)	03/14/13	3605.50	--	30.35	--	3575.15
MW-7 (RW-5)	03/19/13	3605.50	--	30.36	--	3575.14
MW-7 (RW-5)	04/05/13	3605.50	--	30.39	--	3575.11
MW-7 (RW-5)	04/10/13	3605.50	--	30.40	--	3575.10
MW-7 (RW-5)	04/18/13	3605.50	--	30.43	--	3575.07
MW-7 (RW-5)	04/25/13	3605.50	--	30.42	--	3575.08
MW-7 (RW-5)	05/02/13	3605.50	--	30.44	--	3575.06
MW-7 (RW-5)	05/09/13	3605.50	--	30.48	--	3575.02
MW-7 (RW-5)	05/13/13	3605.50	--	30.50	--	3575.00
MW-7 (RW-5)	05/23/13	3605.50	--	30.50	--	3575.00
MW-7 (RW-5)	05/30/13	3605.50	--	30.58	--	3574.92
MW-7 (RW-5)	06/07/13	3605.50	--	30.56	--	3574.94
MW-7 (RW-5)	06/13/13	3605.50	--	30.56	--	3574.94
MW-7 (RW-5)	06/27/13	3605.50	--	30.64	--	3574.86
MW-7 (RW-5)	07/02/13	3605.50	--	30.51	--	3574.99
MW-7 (RW-5)	07/11/13	3605.50	--	30.66	--	3574.84
MW-7 (RW-5)	07/23/13	3605.50	--	30.69	--	3574.81
MW-7 (RW-5)	08/22/13	3605.50	--	30.78	--	3574.72
MW-7 (RW-5)	09/19/13	3605.50	--	30.85	--	3574.65
MW-7 (RW-5)	10/03/13	3605.50	--	30.87	--	3574.63
MW-7 (RW-5)	10/31/13	3605.50	--	30.93	--	3574.57
MW-7 (RW-5)	11/14/13	3605.50	--	31.00	--	3574.50
MW-7 (RW-5)	11/27/13	3605.50	--	30.96	--	3574.54
MW-7 (RW-5)	12/11/13	3605.50	--	30.98	--	3574.52
MW-7 (RW-5)	12/24/13	3605.50	--	31.01	--	3574.49
MW-7 (RW-5)	01/08/14	3605.50	--	31.06	--	3574.44
MW-7 (RW-5)	03/10/14	3605.50	--	31.16	--	3574.34
MW-7 (RW-5)	03/25/14	3605.50	--	31.20	--	3574.30
MW-7 (RW-5)	04/02/14	3605.50	--	31.22	--	3574.28
MW-7 (RW-5)	04/16/14	3605.50	--	31.26	--	3574.24
MW-7 (RW-5)	04/28/14	3605.50	--	31.26	--	3574.24
MW-7 (RW-5)	05/15/14	3605.50	--	31.30	--	3574.20
MW-7 (RW-5)	05/28/14	3605.50	--	31.34	--	3574.16
MW-7 (RW-5)	06/09/14	3605.50	--	31.37	--	3574.13

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-7 (RW-5)	07/29/14	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	08/06/14	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	08/19/14	3605.50	--	31.48	--	3574.02
MW-7 (RW-5)	09/03/14	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	10/01/14	3605.50	--	31.45	--	3574.05
MW-7 (RW-5)	10/30/14	3605.50	--	31.37	--	3574.13
MW-7 (RW-5)	11/24/14	3606.50	--	31.35	--	3575.15
MW-7 (RW-5)	12/10/14	3606.50	--	31.32	--	3575.18
MW-7 (RW-5)	01/08/15	3606.50	--	31.27	--	3575.23
MW-7 (RW-5)	01/20/15	3606.50	--	31.27	--	3575.23
MW-7 (RW-5)	02/25/15	3606.50	--	31.29	--	3575.21
MW-7 (RW-5)	03/10/15	3606.50	--	31.30	--	3575.20
MW-7 (RW-5)	04/24/15	3606.50	--	31.50	--	3575.00
MW-7 (RW-5)	05/15/15	3606.50	--	31.50	--	3575.00
MW-7 (RW-5)	06/08/15	3606.50	31.46	31.47	0.01	3575.04
MW-7 (RW-5)	07/27/15	3606.50	--	31.60	--	3574.90
MW-7 (RW-5)	08/18/15	3606.50	--	31.34	--	3575.16
MW-7 (RW-5)	09/29/15	3607.50	--	31.33	--	3576.17
MW-7 (RW-5)	02/18/16	3607.50	--	30.93	--	3576.57
MW-7 (RW-5)	03/21/16	3607.50	--	30.90	--	3576.60
MW-7 (RW-5)	04/14/16	3607.50	--	30.97	--	3576.53
MW-7 (RW-5)	05/19/16	3608.50	--	31.10	--	3577.40
MW-7 (RW-5)	07/27/16	3609.50	--	31.41	--	3578.09
MW-7 (RW-5)	09/22/16	3609.50	--	DRY	--	DRY
MW-7 (RW-5)	10/13/16	3610.50	--	30.05	--	3580.45
MW-7 (RW-5)	12/08/16	3611.50	--	30.51	--	3580.99
MW-8 (SVE-5)	03/01/01	3605.25	--	24.29	--	3580.96
MW-8 (SVE-5)	06/25/01	3605.25	--	25.54	--	3579.71
MW-8 (SVE-5)	09/25/01	3605.25	--	24.82	--	3580.43
MW-8 (SVE-5)	12/11/01	3605.25	--	25.03	--	3580.22
MW-8 (SVE-5)	05/21/02	3605.25	--	25.40	--	3579.85
MW-8 (SVE-5)	06/08/02	3605.25	--	25.45	--	3579.80
MW-8 (SVE-5)	06/15/02	3605.25	--	25.47	--	3579.78
MW-8 (SVE-5)	10/15/02	3604.92	--	26.25	--	3578.67
MW-8 (SVE-5)	10/25/02	3604.92	--	26.26	--	3578.66
MW-8 (SVE-5)	10/26/02	3604.92	--	26.25	--	3578.67
MW-8 (SVE-5)	11/04/02	3604.92	--	26.00	--	3578.92
MW-8 (SVE-5)	11/05/02	3604.92	--	25.99	--	3578.93
MW-8 (SVE-5)	12/16/02	3604.92	--	25.85	--	3579.07
MW-8 (SVE-5)	02/14/03	3604.92	25.90	25.91	0.01	3579.02

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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-8 (SVE-5)	02/24/03	3604.92	25.95	26.00	0.05	3578.96
MW-8 (SVE-5)	01/22/03	3604.92	--	25.70	--	3579.22
MW-8 (SVE-5)	04/07/03	3604.92	26.00	26.11	0.11	3578.90
MW-8 (SVE-5)	04/24/03	3604.92	26.01	26.11	0.10	3578.89
MW-8 (SVE-5)	06/25/03	3604.92	26.39	26.96	0.57	3578.42
MW-8 (SVE-5)	09/11/03	3604.92	26.58	27.13	0.55	3578.23
MW-8 (SVE-5)	11/05/03	3604.92	26.18	26.51	0.33	3578.67
MW-8 (SVE-5)	01/19/04	3604.92	27.00	27.59	0.59	3577.80
MW-8 (SVE-5)	04/20/04	3604.92	27.11	27.56	0.45	3577.72
MW-8 (SVE-5)	07/20/04	3604.92	27.06	27.40	0.34	3577.79
MW-8 (SVE-5)	10/25/04	3604.92	25.33	26.49	1.16	3579.36
MW-8 (SVE-5)	01/24/05	3604.92	24.22	25.16	0.94	3580.51
MW-8 (SVE-5)	02/14/05	3604.92	23.85	24.96	1.11	3580.85
MW-8 (SVE-5)	03/02/05	3604.92	23.78	24.87	1.09	3580.92
MW-8 (SVE-5)	03/08/05	3604.92	23.84	24.84	1.00	3580.88
MW-8 (SVE-5)	03/23/05	3604.92	23.80	24.81	1.01	3580.92
MW-8 (SVE-5)	04/18/05	3604.92	23.89	24.79	0.90	3580.85
MW-8 (SVE-5)	05/09/05	3604.92	23.62	24.59	0.97	3581.11
MW-8 (SVE-5)	06/10/05	3604.92	23.55	24.52	0.97	3581.18
MW-8 (SVE-5)	07/18/05	3604.92	23.99	24.81	0.82	3580.77
MW-8 (SVE-5)	10/17/05	3604.92	23.91	24.72	0.81	3580.85
MW-8 (SVE-5)	12/06/05	3604.92	23.92	24.68	0.76	3580.85
MW-8 (SVE-5)	12/12/05	3604.92	23.83	24.45	0.62	3580.97
MW-8 (SVE-5)	12/21/05	3604.92	24.06	24.86	0.80	3580.70
MW-8 (SVE-5)	12/28/05	3604.92	24.06	24.85	0.79	3580.70
MW-8 (SVE-5)	01/04/06	3604.92	24.14	24.93	0.79	3580.62
MW-8 (SVE-5)	01/10/06	3604.92	24.15	24.93	0.78	3580.61
MW-8 (SVE-5)	01/16/06	3604.92	24.17	24.92	0.75	3580.60
MW-8 (SVE-5)	01/23/06	3604.92	24.13	24.96	0.83	3580.62
MW-8 (SVE-5)	02/01/06	3604.92	24.24	25.01	0.77	3580.53
MW-8 (SVE-5)	02/16/06	3604.92	24.32	25.08	0.76	3580.45
MW-8 (SVE-5)	03/06/06	3604.92	24.42	25.17	0.75	3580.35
MW-8 (SVE-5)	03/29/06	3604.92	24.52	25.27	0.75	3580.25
MW-8 (SVE-5)	04/04/06	3604.92	24.56	25.29	0.73	3580.21
MW-8 (SVE-5)	04/11/06	3604.92	24.60	25.34	0.74	3580.17
MW-8 (SVE-5)	04/17/06	3604.92	24.62	25.35	0.73	3580.15
MW-8 (SVE-5)	04/24/06	3604.92	24.55	25.39	0.84	3580.20
MW-8 (SVE-5)	05/03/06	3604.92	24.69	25.45	0.76	3580.08
MW-8 (SVE-5)	05/31/06	3604.92	24.83	25.92	1.09	3579.87
MW-8 (SVE-5)	06/09/06	3604.92	25.00	25.01	0.01	3579.92
MW-8 (SVE-5)	06/12/06	3604.92	25.03	25.04	0.01	3579.89

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MW-8 (SVE-5)	06/26/06	3604.92	25.11	25.12	0.01	3579.81
MW-8 (SVE-5)	07/05/06	3604.92	25.18	25.19	0.01	3579.74
MW-8 (SVE-5)	07/10/06	3604.92	25.19	25.20	0.01	3579.73
MW-8 (SVE-5)	07/17/06	3604.92	25.16	25.18	0.02	3579.76
MW-8 (SVE-5)	07/24/06	3604.92	25.04	25.09	0.05	3579.87
MW-8 (SVE-5)	08/02/06	3604.92	25.23	25.28	0.05	3579.68
MW-8 (SVE-5)	08/14/06	3604.92	25.23	25.28	0.05	3579.68
MW-8 (SVE-5)	08/28/06	3604.92	25.33	25.38	0.05	3579.58
MW-8 (SVE-5)	09/14/06	3604.92	25.24	25.26	0.02	3579.68
MW-8 (SVE-5)	09/21/06	3604.92	25.70	25.75	0.05	3579.21
MW-8 (SVE-5)	09/25/06	3604.92	25.10	25.11	0.01	3579.82
MW-8 (SVE-5)	10/02/06	3604.92	25.81	25.82	0.01	3579.11
MW-8 (SVE-5)	10/10/06	3604.92	--	24.82	--	3580.10
MW-8 (SVE-5)	10/16/06	3604.92	25.08	25.14	0.06	3579.83
MW-8 (SVE-5)	10/23/06	3604.92	24.89	24.92	0.03	3580.02
MW-8 (SVE-5)	10/30/06	3604.92	25.00	25.01	0.01	3579.92
MW-8 (SVE-5)	11/06/06	3604.92	--	25.01	--	3579.91
MW-8 (SVE-5)	11/21/06	3604.92	--	25.03	--	3579.89
MW-8 (SVE-5)	11/28/06	3604.92	--	25.01	--	3579.91
MW-8 (SVE-5)	12/05/06	3604.92	--	25.01	--	3579.91
MW-8 (SVE-5)	12/11/06	3604.92	--	25.02	--	3579.90
MW-8 (SVE-5)	12/18/06	3604.92	--	25.04	--	3579.88
MW-8 (SVE-5)	01/02/07	3604.92	--	25.09	--	3579.83
MW-8 (SVE-5)	01/08/07	3604.92	--	25.04	--	3579.88
MW-8 (SVE-5)	01/23/07	3604.92	--	24.91	--	3580.01
MW-8 (SVE-5)	02/05/07	3604.92	--	25.19	--	3579.73
MW-8 (SVE-5)	02/26/07	3604.92	25.23	25.24	0.01	3579.69
MW-8 (SVE-5)	03/05/07	3604.92	25.31	25.32	0.01	3579.61
MW-8 (SVE-5)	03/13/07	3604.92	25.34	25.35	0.01	3579.58
MW-8 (SVE-5)	03/19/07	3604.92	25.36	25.37	0.01	3579.56
MW-8 (SVE-5)	03/26/07	3604.92	25.40	25.41	0.01	3579.52
MW-8 (SVE-5)	04/02/07	3604.92	25.41	25.42	0.01	3579.51
MW-8 (SVE-5)	04/23/07	3604.92	25.23	25.24	0.01	3579.69
MW-8 (SVE-5)	05/01/07	3604.92	25.51	25.52	0.01	3579.41
MW-8 (SVE-5)	05/29/07	3604.92	25.53	25.54	0.01	3579.39
MW-8 (SVE-5)	06/04/07	3604.92	25.54	25.55	0.01	3579.38
MW-8 (SVE-5)	06/11/07	3604.92	--	25.56	--	3579.36
MW-8 (SVE-5)	06/18/07	3604.92	--	25.56	--	3579.36
MW-8 (SVE-5)	06/26/07	3604.92	--	25.29	--	3579.63
MW-8 (SVE-5)	07/09/07	3604.92	--	25.33	--	3579.59
MW-8 (SVE-5)	07/17/07	3604.92	--	25.33	--	3579.59

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MW-8 (SVE-5)	07/23/07	3604.92	25.34	25.35	0.01	3579.58
MW-8 (SVE-5)	07/30/07	3604.92	--	25.34	--	3579.58
MW-8 (SVE-5)	08/07/07	3604.92	--	25.35	--	3579.57
MW-8 (SVE-5)	08/20/07	3604.92	--	25.37	--	3579.55
MW-8 (SVE-5)	08/27/07	3604.92	--	25.40	--	3579.52
MW-8 (SVE-5)	09/04/07	3604.92	--	25.41	--	3579.51
MW-8 (SVE-5)	09/10/07	3604.92	25.45	25.46	0.01	3579.47
MW-8 (SVE-5)	09/25/07	3604.92	25.45	25.46	0.01	3579.47
MW-8 (SVE-5)	10/02/07	3604.92	25.40	25.41	0.01	3579.52
MW-8 (SVE-5)	10/11/07	3604.92	25.40	25.41	0.01	3579.52
MW-8 (SVE-5)	10/22/07	3604.92	25.30	25.31	0.01	3579.62
MW-8 (SVE-5)	10/31/07	3604.92	--	25.36	--	3579.56
MW-8 (SVE-5)	11/12/07	3604.92	--	25.33	--	3579.59
MW-8 (SVE-5)	11/19/07	3604.92	--	25.35	--	3579.57
MW-8 (SVE-5)	12/05/07	3604.92	--	25.38	--	3579.54
MW-8 (SVE-5)	12/10/07	3604.92	--	25.44	--	3579.48
MW-8 (SVE-5)	12/20/07	3604.92	--	25.44	--	3579.48
MW-8 (SVE-5)	01/02/08	3604.92	--	25.51	--	3579.41
MW-8 (SVE-5)	01/07/08	3604.92	--	25.50	--	3579.42
MW-8 (SVE-5)	01/28/08	3604.92	25.39	25.40	0.01	3579.53
MW-8 (SVE-5)	02/12/08	3604.92	25.64	25.65	0.01	3579.28
MW-8 (SVE-5)	02/26/08	3604.92	25.69	25.70	0.01	3579.23
MW-8 (SVE-5)	04/21/08	3604.92	25.65	25.66	0.01	3579.27
MW-8 (SVE-5)	04/28/08	3604.92	--	25.84	--	3579.08
MW-8 (SVE-5)	05/20/08	3604.92	--	25.94	--	3578.98
MW-8 (SVE-5)	06/02/08	3604.92	--	25.99	--	3578.93
MW-8 (SVE-5)	06/09/08	3604.92	26.05	26.08	0.03	3578.86
MW-8 (SVE-5)	06/16/08	3604.92	26.03	26.04	0.01	3578.89
MW-8 (SVE-5)	06/30/08	3604.92	--	26.11	--	3578.81
MW-8 (SVE-5)	07/14/08	3604.92	--	26.18	--	3578.74
MW-8 (SVE-5)	07/21/08	3604.92	25.98	26.04	0.06	3578.93
MW-8 (SVE-5)	08/06/08	3604.92	26.28	26.29	0.01	3578.64
MW-8 (SVE-5)	08/18/08	3604.92	26.33	26.39	0.06	3578.58
MW-8 (SVE-5)	09/09/08	3604.92	--	26.41	--	3578.51
MW-8 (SVE-5)	09/15/08	3604.92	--	26.42	--	3578.50
MW-8 (SVE-5)	09/22/08	3604.92	--	26.45	--	3578.47
MW-8 (SVE-5)	09/29/08	3604.92	--	26.49	--	3578.43
MW-8 (SVE-5)	10/07/08	3604.92	--	26.52	--	3578.40
MW-8 (SVE-5)	10/20/08	3604.92	26.23	26.27	0.04	3578.68
MW-8 (SVE-5)	10/28/08	3604.92	--	26.55	--	3578.37
MW-8 (SVE-5)	11/28/08	3604.92	--	26.54	--	3578.38

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MW-8 (SVE-5)	12/01/08	3604.92	--	26.53	--	3578.39
MW-8 (SVE-5)	12/08/08	3604.92	--	26.54	--	3578.38
MW-8 (SVE-5)	12/24/08	3604.92	--	26.57	--	3578.35
MW-8 (SVE-5)	12/29/08	3604.92	--	26.60	--	3578.32
MW-8 (SVE-5)	01/06/09	3604.92	--	26.64	--	3578.28
MW-8 (SVE-5)	01/14/09	3604.92	--	26.63	--	3578.29
MW-8 (SVE-5)	01/19/09	3604.92	26.35	26.36	0.01	3578.57
MW-8 (SVE-5)	01/26/09	3604.92	--	26.68	--	3578.24
MW-8 (SVE-5)	02/10/09	3604.92	--	26.73	--	3578.19
MW-8 (SVE-5)	02/26/09	3604.92	--	26.75	--	3578.17
MW-8 (SVE-5)	03/02/09	3604.92	26.75	26.76	0.01	3578.17
MW-8 (SVE-5)	03/09/09	3604.92	--	26.78	--	3578.14
MW-8 (SVE-5)	03/16/09	3604.92	26.79	26.80	0.01	3578.13
MW-8 (SVE-5)	03/24/09	3604.92	--	26.82	--	3578.10
MW-8 (SVE-5)	03/30/09	3604.92	--	26.78	--	3578.14
MW-8 (SVE-5)	04/06/09	3604.92	--	26.84	--	3578.08
MW-8 (SVE-5)	04/14/09	3604.92	--	26.79	--	3578.13
MW-8 (SVE-5)	04/20/09	3604.92	26.61	26.62	0.01	3578.31
MW-8 (SVE-5)	04/28/09	3604.92	--	26.82	--	3578.10
MW-8 (SVE-5)	05/11/09	3604.92	--	26.89	--	3578.03
MW-8 (SVE-5)	05/26/09	3604.92	--	26.88	--	3578.04
MW-8 (SVE-5)	06/01/09	3604.92	--	26.95	--	3577.97
MW-8 (SVE-5)	06/09/09	3604.92	--	26.90	--	3578.02
MW-8 (SVE-5)	06/15/09	3604.92	--	26.98	--	3577.94
MW-8 (SVE-5)	06/29/09	3604.92	--	26.94	--	3577.98
MW-8 (SVE-5)	07/06/09	3604.92	--	27.00	--	3577.92
MW-8 (SVE-5)	07/14/09	3604.92	--	27.07	--	3577.85
MW-8 (SVE-5)	07/20/09	3604.92	--	26.99	--	3577.93
MW-8 (SVE-5)	07/27/09	3604.92	--	26.95	--	3577.97
MW-8 (SVE-5)	08/03/09	3604.92	--	27.08	--	3577.84
MW-8 (SVE-5)	08/12/09	3604.92	--	27.15	--	3577.77
MW-8 (SVE-5)	08/24/09	3604.92	--	27.08	--	3577.84
MW-8 (SVE-5)	08/31/09	3604.92	--	27.14	--	3577.78
MW-8 (SVE-5)	09/08/09	3604.92	--	27.06	--	3577.86
MW-8 (SVE-5)	09/16/09	3604.92	--	27.13	--	3577.79
MW-8 (SVE-5)	09/28/09	3604.92	--	27.03	--	3577.89
MW-8 (SVE-5)	10/05/09	3604.92	--	27.15	--	3577.77
MW-8 (SVE-5)	10/12/09	3604.92	--	27.10	--	3577.82
MW-8 (SVE-5)	10/26/09	3604.92	--	27.05	--	3577.87
MW-8 (SVE-5)	11/03/09	3604.92	--	27.08	--	3577.84
MW-8 (SVE-5)	11/10/09	3604.92	--	27.19	--	3577.73

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-8 (SVE-5)	11/23/09	3604.92	--	27.15	--	3577.77
MW-8 (SVE-5)	11/30/09	3604.92	--	27.26	--	3577.66
MW-8 (SVE-5)	12/07/09	3604.92	--	27.32	--	3577.60
MW-8 (SVE-5)	12/22/09	3604.92	--	27.35	--	3577.57
MW-8 (SVE-5)	01/04/10	3604.92	--	27.31	--	3577.61
MW-8 (SVE-5)	01/11/10	3604.92	--	27.39	--	3577.53
MW-8 (SVE-5)	01/18/10	3604.92	--	27.26	--	3577.66
MW-8 (SVE-5)	01/25/10	3604.92	--	27.30	--	3577.62
MW-8 (SVE-5)	02/01/10	3604.92	--	27.35	--	3577.57
MW-8 (SVE-5)	02/08/10	3604.92	--	27.39	--	3577.53
MW-8 (SVE-5)	02/22/10	3604.92	--	27.53	--	3577.39
MW-8 (SVE-5)	03/01/10	3604.92	--	27.19	--	3577.73
MW-8 (SVE-5)	03/08/10	3604.92	--	27.56	--	3577.36
MW-8 (SVE-5)	03/22/10	3604.92	--	27.80	--	3577.12
MW-8 (SVE-5)	03/29/10	3604.92	--	27.51	--	3577.41
MW-8 (SVE-5)	04/05/10	3604.92	--	27.64	--	3577.28
MW-8 (SVE-5)	04/13/10	3604.92	--	27.51	--	3577.41
MW-8 (SVE-5)	04/19/10	3604.92	--	27.68	--	3577.24
MW-8 (SVE-5)	04/26/10	3604.92	--	27.49	--	3577.43
MW-8 (SVE-5)	05/03/10	3604.92	--	27.75	--	3577.17
MW-8 (SVE-5)	05/14/10	3604.92	--	27.78	--	3577.14
MW-8 (SVE-5)	05/20/10	3604.92	--	27.75	--	3577.17
MW-8 (SVE-5)	05/27/10	3604.92	--	27.55	--	3577.37
MW-8 (SVE-5)	06/01/10	3604.92	--	27.78	--	3577.14
MW-8 (SVE-5)	06/07/10	3604.92	--	27.72	--	3577.20
MW-8 (SVE-5)	06/15/10	3604.92	--	27.85	--	3577.07
MW-8 (SVE-5)	06/28/10	3604.92	--	27.75	--	3577.17
MW-8 (SVE-5)	07/06/10	3604.92	--	27.73	--	3577.19
MW-8 (SVE-5)	07/13/10	3604.92	--	27.63	--	3577.29
MW-8 (SVE-5)	07/19/10	3604.92	--	27.64	--	3577.28
MW-8 (SVE-5)	07/26/10	3604.92	--	27.27	--	3577.65
MW-8 (SVE-5)	08/09/10	3604.92	--	27.45	--	3577.47
MW-8 (SVE-5)	08/16/10	3604.92	--	27.38	--	3577.54
MW-8 (SVE-5)	08/30/10	3604.92	--	27.35	--	3577.57
MW-8 (SVE-5)	09/07/10	3604.92	--	27.27	--	3577.65
MW-8 (SVE-5)	09/13/10	3604.92	--	27.31	--	3577.61
MW-8 (SVE-5)	09/20/10	3604.92	--	27.21	--	3577.71
MW-8 (SVE-5)	09/27/10	3604.92	--	27.29	--	3577.63
MW-8 (SVE-5)	10/04/10	3604.92	--	27.21	--	3577.71
MW-8 (SVE-5)	10/12/10	3604.92	--	27.29	--	3577.63
MW-8 (SVE-5)	10/19/10	3604.92	--	27.22	--	3577.70

Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-8 (SVE-5)	10/25/10	3604.92	26.97	26.98	0.01	3577.95
MW-8 (SVE-5)	11/01/10	3604.92	--	27.22	--	3577.70
MW-8 (SVE-5)	11/09/10	3604.92	--	27.31	--	3577.61
MW-8 (SVE-5)	11/22/10	3604.92	--	27.30	--	3577.62
MW-8 (SVE-5)	12/06/10	3604.92	--	27.41	--	3577.51
MW-8 (SVE-5)	12/13/10	3604.92	--	27.34	--	3577.58
MW-8 (SVE-5)	01/04/11	3604.92	--	27.54	--	3577.38
MW-8 (SVE-5)	01/10/11	3604.92	--	27.44	--	3577.48
MW-8 (SVE-5)	01/17/11	3604.92	--	27.49	--	3577.43
MW-8 (SVE-5)	01/24/11	3604.92	--	27.67	--	3577.25
MW-8 (SVE-5)	01/31/11	3604.92	--	27.56	--	3577.36
MW-8 (SVE-5)	02/07/11	3604.92	--	27.62	--	3577.30
MW-8 (SVE-5)	02/14/11	3604.92	--	27.77	--	3577.15
MW-8 (SVE-5)	03/01/11	3604.92	--	27.75	--	3577.17
MW-8 (SVE-5)	03/07/11	3604.92	--	27.87	--	3577.05
MW-8 (SVE-5)	03/21/11	3604.92	--	27.79	--	3577.13
MW-8 (SVE-5)	03/28/11	3604.92	--	27.92	--	3577.00
MW-8 (SVE-5)	04/18/11	3604.92	--	28.01	--	3576.91
MW-8 (SVE-5)	10/10/11	3604.92	--	28.31	--	3576.61
MW-8 (SVE-5)	05/30/12	3604.92	--	29.07	--	3575.85
MW-8 (SVE-5)	01/17/13	3604.92	--	29.56	--	3575.36
MW-8 (SVE-5)	01/24/13	3604.92	--	29.57	--	3575.35
MW-8 (SVE-5)	01/31/13	3604.92	--	29.56	--	3575.36
MW-8 (SVE-5)	02/07/13	3604.92	--	29.62	--	3575.30
MW-8 (SVE-5)	02/14/13	3604.92	--	29.56	--	3575.36
MW-8 (SVE-5)	02/27/13	3604.92	--	29.66	--	3575.26
MW-8 (SVE-5)	03/07/13	3604.92	--	29.69	--	3575.23
MW-8 (SVE-5)	03/14/13	3604.92	--	29.67	--	3575.25
MW-8 (SVE-5)	03/19/13	3604.92	--	29.72	--	3575.20
MW-8 (SVE-5)	04/05/13	3604.92	--	29.76	--	3575.16
MW-8 (SVE-5)	04/10/13	3604.92	--	29.07	--	3575.85
MW-8 (SVE-5)	04/18/13	3604.92	--	29.10	--	3575.82
MW-8 (SVE-5)	04/25/13	3604.92	--	29.77	--	3575.15
MW-8 (SVE-5)	05/02/13	3604.92	--	29.83	--	3575.09
MW-8 (SVE-5)	05/09/13	3604.92	--	29.87	--	3575.05
MW-8 (SVE-5)	05/13/13	3604.92	--	29.89	--	3575.03
MW-8 (SVE-5)	05/23/13	3604.92	--	29.89	--	3575.03
MW-8 (SVE-5)	05/30/13	3604.92	--	29.93	--	3574.99
MW-8 (SVE-5)	06/07/13	3604.92	--	29.93	--	3574.99
MW-8 (SVE-5)	06/13/13	3604.92	--	30.00	--	3574.92
MW-8 (SVE-5)	06/27/13	3604.92	--	29.83	--	3575.09

Historical Groundwater Elevation Data
Phillips 66 Company
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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-8 (SVE-5)	07/02/13	3604.92	--	29.86	--	3575.06
MW-8 (SVE-5)	07/11/13	3604.92	--	30.08	--	3574.84
MW-8 (SVE-5)	07/23/13	3604.92	--	30.11	--	3574.81
MW-8 (SVE-5)	08/22/13	3604.92	--	29.86	--	3575.06
MW-8 (SVE-5)	09/19/13	3604.92	--	30.24	--	3574.68
MW-8 (SVE-5)	10/03/13	3604.92	--	30.18	--	3574.74
MW-8 (SVE-5)	10/31/13	3604.92	--	30.21	--	3574.71
MW-8 (SVE-5)	11/14/13	3604.92	--	30.32	--	3574.60
MW-8 (SVE-5)	11/27/13	3604.92	--	30.35	--	3574.57
MW-8 (SVE-5)	12/11/13	3604.92	--	30.31	--	3574.61
MW-8 (SVE-5)	12/24/13	3604.92	--	30.40	--	3574.52
MW-8 (SVE-5)	01/08/14	3605.50	--	31.06	--	3574.44
MW-8 (SVE-5)	03/10/14	3605.50	--	31.16	--	3574.34
MW-8 (SVE-5)	03/25/14	3605.50	--	31.20	--	3574.30
MW-8 (SVE-5)	04/02/14	3605.50	--	31.22	--	3574.28
MW-8 (SVE-5)	04/16/14	3605.50	--	31.26	--	3574.24
MW-8 (SVE-5)	04/28/14	3605.50	--	31.26	--	3574.24
MW-8 (SVE-5)	05/15/14	3605.50	--	31.30	--	3574.20
MW-8 (SVE-5)	05/28/14	3605.50	--	31.34	--	3574.16
MW-8 (SVE-5)	06/09/14	3605.50	--	31.37	--	3574.13
MW-8 (SVE-5)	07/29/14	3605.50	--	DRY	--	DRY
MW-8 (SVE-5)	08/06/14	3605.50	--	DRY	--	DRY
MW-8 (SVE-5)	08/19/14	3605.50	--	31.48	--	3574.02
MW-8 (SVE-5)	09/03/14	3605.50	--	Dry	--	Dry
MW-8 (SVE-5)	10/01/14	3605.50	--	31.45	--	3574.05
MW-8 (SVE-5)	10/30/14	3605.50	--	31.37	--	3574.13
MW-8 (SVE-5)	11/24/14	3606.50	--	31.35	--	3575.15
MW-8 (SVE-5)	12/10/14	3606.50	--	31.32	--	3575.18
MW-8 (SVE-5)	01/08/15	3605.92	--	30.61	--	3575.31
MW-8 (SVE-5)	01/20/15	3605.92	--	30.60	--	3575.32
MW-8 (SVE-5)	02/25/15	3605.92	--	30.60	--	3575.32
MW-8 (SVE-5)	03/10/15	3605.92	--	30.61	--	3575.31
MW-8 (SVE-5)	04/24/15	3605.92	--	30.79	--	3575.13
MW-8 (SVE-5)	05/15/15	3605.92	--	30.83	--	3575.09
MW-8 (SVE-5)	06/08/15	3605.92	--	30.77	--	3575.15
MW-8 (SVE-5)	07/27/15	3605.92	--	30.68	--	3575.24
MW-8 (SVE-5)	08/18/15	3605.92	--	30.65	--	3575.27
MW-8 (SVE-5)	09/29/15	3606.92	--	30.60	--	3576.32
MW-8 (SVE-5)	01/21/16	3606.92	--	30.38	--	3576.54
MW-8 (SVE-5)	02/18/16	3606.92	--	30.18	--	3576.74
MW-8 (SVE-5)	03/21/16	3606.92	--	30.15	--	3576.77

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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-8 (SVE-5)	04/14/16	3606.92	--	30.34	--	3576.58
MW-8 (SVE-5)	05/19/16	3607.92	--	30.56	--	3577.36
MW-8 (SVE-5)	07/27/16	3608.92	--	30.72	--	3578.20
MW-8 (SVE-5)	09/22/16	3608.92	--	30.70	--	3578.22
MW-8 (SVE-5)	10/13/16	3609.92	--	29.43	--	3580.49
MW-8 (SVE-5)	12/08/16	3610.92	--	29.92	--	3581.00
MW-9 (RW-2)	03/01/01	3605.75	23.68	26.82	3.14	3581.44
MW-9 (RW-2)	06/25/01	3605.75	24.73	24.79	0.06	3581.01
MW-9 (RW-2)	09/25/01	3605.75	25.90	26.28	0.38	3579.77
MW-9 (RW-2)	12/11/01	3605.75	25.49	28.73	3.24	3579.61
MW-9 (RW-2)	05/22/02	3605.75	26.19	27.64	1.45	3579.27
MW-9 (RW-2)	11/05/02	3605.75	25.83	29.15	3.32	3579.26
MW-9 (RW-2)	02/25/03	3605.75	26.38	28.62	2.24	3578.92
MW-9 (RW-2)	04/09/03	3605.75	26.30	28.24	1.94	3579.06
MW-9 (RW-2)	04/22/03	3605.75	26.30	28.95	2.65	3578.92
MW-9 (RW-2)	06/25/03	3605.75	27.02	29.08	2.06	3578.32
MW-9 (RW-2)	09/11/03	3605.75	27.22	29.25	2.03	3578.12
MW-9 (RW-2)	11/05/03	3605.75	27.35	29.30	1.95	3578.01
MW-9 (RW-2)	01/19/04	3605.75	28.50	29.94	1.44	3576.96
MW-9 (RW-2)	04/20/04	3605.75	28.91	29.04	0.13	3576.81
MW-9 (RW-2)	07/20/04	3605.75	28.58	30.09	1.51	3576.87
MW-9 (RW-2)	10/25/04	3605.75	27.22	27.34	0.12	3578.51
MW-9 (RW-2)	12/29/04	3605.75	26.44	26.45	0.01	3579.31
MW-9 (RW-2)	01/24/05	3605.75	--	26.23	--	3579.52
MW-9 (RW-2)	02/14/05	3605.75	--	26.13	--	3579.62
MW-9 (RW-2)	03/02/05	3605.75	--	26.12	--	3579.63
MW-9 (RW-2)	03/08/05	3605.75	--	26.09	--	3579.66
MW-9 (RW-2)	03/23/05	3605.75	--	26.03	--	3579.72
MW-9 (RW-2)	04/18/05	3605.75	--	25.90	--	3579.85
MW-9 (RW-2)	05/09/05	3605.75	--	25.93	--	3579.82
MW-9 (RW-2)	06/10/05	3605.75	--	25.91	--	3579.84
MW-9 (RW-2)	07/18/05	3605.75	--	25.94	--	3579.81
MW-9 (RW-2)	10/17/05	3605.75	--	25.85	--	3579.90
MW-9 (RW-2)	12/28/05	3605.75	--	25.99	--	3579.76
MW-9 (RW-2)	01/23/06	3605.75	26.03	26.04	0.01	3579.72
MW-9 (RW-2)	04/24/06	3605.75	26.43	26.44	0.01	3579.32
MW-9 (RW-2)	07/24/06	3605.75	26.79	26.80	0.01	3578.96
MW-9 (RW-2)	10/23/06	3605.75	--	26.65	--	3579.10
MW-9 (RW-2)	01/23/07	3605.75	--	26.69	--	3579.06
MW-9 (RW-2)	04/23/07	3605.75	26.99	27.00	0.01	3578.76

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MW-9 (RW-2)	07/23/07	3605.75	27.13	27.14	0.01	3578.62
MW-9 (RW-2)	10/22/07	3605.75	27.13	27.14	0.01	3578.62
MW-9 (RW-2)	01/28/08	3605.75	27.18	27.19	0.01	3578.57
MW-9 (RW-2)	04/21/08	3605.75	--	27.43	--	3578.32
MW-9 (RW-2)	07/21/08	3605.75	--	27.72	--	3578.03
MW-9 (RW-2)	10/20/08	3605.75	27.96	27.97	0.01	3577.79
MW-9 (RW-2)	01/19/09	3605.75	--	28.12	--	3577.63
MW-9 (RW-2)	04/20/09	3605.75	--	28.36	--	3577.39
MW-9 (RW-2)	07/27/09	3605.75	--	28.62	--	3577.13
MW-9 (RW-2)	10/26/09	3605.75	28.76	28.77	0.01	3576.99
MW-9 (RW-2)	01/25/10	3605.75	28.75	30.03	1.28	3576.74
MW-9 (RW-2)	04/26/10	3605.75	28.91	30.41	1.50	3576.54
MW-9 (RW-2)	07/26/10	3605.75	28.56	30.12	1.56	3576.88
MW-9 (RW-2)	10/25/10	3605.75	28.56	28.57	0.01	3577.19
MW-9 (RW-2)	01/24/11	3605.75	29.18	30.52	1.34	3576.30
MW-9 (RW-2)	03/01/11	3605.75	--	30.67	--	3575.08
MW-9 (RW-2)	03/01/11	3605.75	--	30.67	--	3575.08
MW-9 (RW-2)	04/04/11	3605.75	29.35	30.99	1.64	3576.07
MW-9 (RW-2)	04/05/11	3605.75	29.47	30.45	0.98	3576.08
MW-9 (RW-2)	04/11/11	3605.75	29.58	30.81	1.23	3575.92
MW-9 (RW-2)	04/18/11	3605.75	29.59	30.90	1.31	3575.90
MW-9 (RW-2)	04/25/11	3605.75	29.52	30.80	1.28	3575.97
MW-9 (RW-2)	05/02/11	3605.75	29.55	30.84	1.29	3575.94
MW-9 (RW-2)	05/03/11	3605.75	29.91	30.16	0.25	3575.79
MW-9 (RW-2)	05/09/11	3605.75	29.66	30.83	1.17	3575.86
MW-9 (RW-2)	05/31/11	3605.75	29.96	30.99	1.03	3575.58
MW-9 (RW-2)	06/06/11	3605.75	29.71	31.03	1.32	3575.78
MW-9 (RW-2)	10/10/11	3605.75	29.61	31.40	1.79	3575.78
MW-9 (RW-2)	05/30/12	3605.75	30.44	31.64	1.20	3575.07
MW-9 (RW-2)	02/07/13	3605.75	30.99	32.85	1.86	3574.39
MW-9 (RW-2)	03/07/13	3605.75	31.01	32.85	1.84	3574.37
MW-9 (RW-2)	03/14/13	3605.75	31.02	32.89	1.87	3574.36
MW-9 (RW-2)	03/19/13	3605.75	31.47	31.48	0.01	3574.28
MW-9 (RW-2)	04/05/13	3605.75	31.53	31.59	0.06	3574.21
MW-9 (RW-2)	04/10/13	3605.75	31.50	31.59	0.09	3574.23
MW-9 (RW-2)	04/18/13	3605.75	31.70	31.75	0.05	3574.04
MW-9 (RW-2)	04/25/13	3605.75	31.69	31.72	0.03	3574.05
MW-9 (RW-2)	05/09/13	3605.75	30.72	30.76	0.04	3575.02
MW-9 (RW-2)	05/13/13	3605.75	31.62	31.70	0.08	3574.11
MW-9 (RW-2)	05/23/13	3605.75	31.62	31.67	0.05	3574.12
MW-9 (RW-2)	05/30/13	3605.75	31.61	31.72	0.11	3574.12
MW-9 (RW-2)	06/07/13	3605.75	31.75	31.83	0.08	3573.98

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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-9 (RW-2)	06/13/13	3605.75	30.65	30.72	0.07	3575.09
MW-9 (RW-2)	06/27/13	3605.75	31.08	31.18	0.10	3574.65
MW-9 (RW-2)	07/02/13	3605.75	30.72	30.76	0.04	3575.02
MW-9 (RW-2)	07/11/13	3605.75	31.78	31.84	0.06	3573.96
MW-9 (RW-2)	07/23/13	3605.75	31.76	31.77	0.01	3573.99
MW-9 (RW-2)	08/22/13	3605.75	31.79	31.97	0.18	3573.92
MW-9 (RW-2)	09/19/13	3605.75	31.81	32.16	0.35	3573.86
MW-9 (RW-2)	10/03/13	3605.75	31.81	32.22	0.41	3573.85
MW-9 (RW-2)	10/31/13	3605.75	31.98	32.07	0.09	3573.75
MW-9 (RW-2)	11/14/13	3605.75	32.07	32.13	0.06	3573.67
MW-9 (RW-2)	11/27/13	3605.75	32.08	32.19	0.11	3573.65
MW-9 (RW-2)	12/11/13	3605.75	33.12	33.15	0.03	3572.62
MW-9 (RW-2)	12/24/13	3605.75	--	32.15	--	3573.60
MW-9 (RW-2)	01/08/14	3605.75	--	32.12	--	3573.63
MW-9 (RW-2)	03/10/14	3605.75	32.29	32.33	0.04	3573.45
MW-9 (RW-2)	03/25/14	3605.75	32.20	32.29	0.09	3573.53
MW-9 (RW-2)	04/02/14	3605.75	32.25	32.29	0.04	3573.49
MW-9 (RW-2)	04/16/14	3605.75	32.30	32.37	0.07	3573.43
MW-9 (RW-2)	04/28/14	3605.75	32.32	32.35	0.03	3573.42
MW-9 (RW-2)	05/15/14	3605.75	32.38	32.41	0.03	3573.36
MW-9 (RW-2)	05/28/14	3605.75	32.42	32.44	0.02	3573.33
MW-9 (RW-2)	06/09/14	3605.75	32.45	32.47	0.02	3573.30
MW-9 (RW-2)	07/29/14	3605.75	32.58	32.61	0.03	3573.16
MW-9 (RW-2)	08/06/14	3605.75	32.62	32.64	0.02	3573.13
MW-9 (RW-2)	08/19/14	3605.75	32.64	32.68	0.04	3573.10
MW-9 (RW-2)	09/03/14	3605.75	32.72	32.74	0.02	3573.03
MW-9 (RW-2)	10/01/14	3605.75	32.47	32.48	0.01	3573.28
MW-9 (RW-2)	10/30/14	3605.75	32.41	32.42	0.01	3573.34
MW-9 (RW-2)	11/19/14	3605.75	32.43	32.45	0.02	3573.32
MW-9 (RW-2)	11/24/14	3605.75	--	32.43	--	3573.32
MW-9 (RW-2)	12/10/14	3605.75	--	32.39	--	3573.36
MW-9 (RW-2)	01/08/15	3605.75	32.36	32.37	0.01	3573.39
MW-9 (RW-2)	01/20/15	3605.75	--	32.33	--	3573.42
MW-9 (RW-2)	02/24/15	3605.75	32.34	32.36	0.02	3573.41
MW-9 (RW-2)	02/25/15	3605.75	--	32.37	--	3573.38
MW-9 (RW-2)	02/26/15	3605.75	--	32.37	--	3573.38
MW-9 (RW-2)	02/27/15	3605.75	--	32.37	--	3573.38
MW-9 (RW-2)	03/10/15	3605.75	32.35	32.36	0.01	3573.40
MW-9 (RW-2)	04/23/15	3605.75	32.43	32.46	0.03	3573.31
MW-9 (RW-2)	04/24/15	3605.75	--	32.51	--	3573.24
MW-9 (RW-2)	04/27/15	3605.75	--	32.58	--	3573.17
MW-9 (RW-2)	05/15/15	3605.75	32.55	32.58	0.03	3573.19
MW-9 (RW-2)	06/08/15	3605.75	32.51	32.55	0.04	3573.23
MW-9 (RW-2)	07/09/15	3605.75	32.44	32.48	0.04	3573.30
MW-9 (RW-2)	07/10/15	3605.75	--	32.52	--	3573.23

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MW-9 (RW-2)	07/27/15	3605.75	32.43	32.45	0.02	3573.32
MW-9 (RW-2)	08/18/15	3605.75	32.41	32.43	0.02	3573.34
MW-9 (RW-2)	09/29/15	3605.75	32.41	32.42	0.01	3573.34
MW-9 (RW-2)	11/19/15	3605.75	32.21	32.24	0.03	3573.53
MW-9 (RW-2)	11/20/15	3605.75	--	32.26	--	3573.49
MW-9 (RW-2)	11/23/15	3605.75	--	32.23	--	3573.52
MW-9 (RW-2)	01/21/16	3605.75	--	32.00	--	3573.75
MW-9 (RW-2)	02/18/16	3605.75	31.95	31.96	0.01	3573.80
MW-9 (RW-2)	03/21/16	3605.75	31.97	31.99	0.02	3573.78
MW-9 (RW-2)	04/14/16	3605.75	32.01	32.02	0.01	3573.74
MW-9 (RW-2)	05/19/16	3605.75	32.14	32.17	0.03	3573.60
MW-9 (RW-2)	07/27/16	3605.75	32.50	32.54	0.04	3573.24
MW-9 (RW-2)	09/22/16	3605.75	31.94	31.95	0.01	3573.81
MW-9 (RW-2)	10/13/16	3605.75	30.87	32.22	1.35	3574.58
MW-9 (RW-2)	12/08/16	3605.75	--	31.45	--	3574.30
MW-10 (RW-6)	03/01/01	3604.94	23.53	25.57	2.04	3581.00
MW-10 (RW-6)	06/25/01	3604.94	23.75	25.95	2.20	3580.75
MW-10 (RW-6)	09/25/01	3604.94	--	24.47	--	3580.47
MW-10 (RW-6)	12/11/01	3604.94	24.27	26.31	2.04	3580.26
MW-10 (RW-6)	05/22/02	3604.94	25.00	25.50	0.50	3579.84
MW-10 (RW-6)	11/05/02	3604.94	25.33	28.84	3.51	3578.91
MW-10 (RW-6)	02/25/03	3604.94	25.26	28.41	3.15	3579.05
MW-10 (RW-6)	04/09/03	3604.94	25.48	28.15	2.67	3578.93
MW-10 (RW-6)	06/25/03	3604.94	25.96	27.73	1.77	3578.63
MW-10 (RW-6)	09/11/03	3604.94	26.34	28.36	2.02	3578.20
MW-10 (RW-6)	11/05/03	3604.94	26.20	28.17	1.97	3578.35
MW-10 (RW-6)	01/19/04	3604.94	26.30	28.36	2.06	3578.23
MW-10 (RW-6)	04/20/04	3604.94	26.53	28.49	1.96	3578.02
MW-10 (RW-6)	07/20/04	3604.94	26.72	28.03	1.31	3577.96
MW-10 (RW-6)	10/25/04	3604.94	25.24	26.36	1.12	3579.48
MW-10 (RW-6)	01/24/05	3604.94	24.14	24.57	0.43	3580.71
MW-10 (RW-6)	02/14/05	3604.94	23.99	24.96	0.97	3580.76
MW-10 (RW-6)	03/02/05	3604.94	24.00	24.64	0.64	3580.81
MW-10 (RW-6)	03/08/05	3604.94	23.97	24.61	0.64	3580.84
MW-10 (RW-6)	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
MW-10 (RW-6)	05/09/05	3604.94	23.82	24.51	0.69	3580.98
MW-10 (RW-6)	06/10/05	3604.94	23.81	24.50	0.69	3580.99
MW-10 (RW-6)	07/18/05	3604.94	23.90	24.51	0.61	3580.92
MW-10 (RW-6)	10/17/05	3604.94	23.89	24.32	0.43	3580.96
MW-10 (RW-6)	11/29/05	3604.94	24.08	24.22	0.14	3580.83
MW-10 (RW-6)	12/06/05	3604.94	24.08	24.37	0.29	3580.80
MW-10 (RW-6)	12/12/05	3604.94	24.11	24.44	0.33	3580.76

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MW-10 (RW-6)	12/21/05	3604.94	24.11	24.46	0.35	3580.76
MW-10 (RW-6)	12/28/05	3604.94	24.12	24.49	0.37	3580.75
MW-10 (RW-6)	01/04/06	3604.94	24.11	24.47	0.36	3580.76
MW-10 (RW-6)	01/10/06	3604.94	24.12	24.49	0.37	3580.75
MW-10 (RW-6)	01/16/06	3604.94	24.02	24.48	0.46	3580.83
MW-10 (RW-6)	01/23/06	3604.94	23.99	24.42	0.43	3580.86
MW-10 (RW-6)	02/01/06	3604.94	24.12	24.44	0.32	3580.76
MW-10 (RW-6)	02/16/06	3604.94	24.24	24.52	0.28	3580.64
MW-10 (RW-6)	03/06/06	3604.94	24.33	24.62	0.29	3580.55
MW-10 (RW-6)	03/29/06	3604.94	24.42	24.72	0.30	3580.46
MW-10 (RW-6)	04/04/06	3604.94	24.45	24.73	0.28	3580.43
MW-10 (RW-6)	04/11/06	3604.94	24.49	24.76	0.27	3580.40
MW-10 (RW-6)	04/17/06	3604.94	24.53	24.77	0.24	3580.36
MW-10 (RW-6)	04/24/06	3604.94	24.47	24.66	0.19	3580.43
MW-10 (RW-6)	05/03/06	3604.94	24.62	24.66	0.04	3580.31
MW-10 (RW-6)	05/31/06	3604.94	24.76	24.80	0.04	3580.17
MW-10 (RW-6)	06/09/06	3604.94	24.80	24.84	0.04	3580.13
MW-10 (RW-6)	06/12/06	3604.94	24.81	24.85	0.04	3580.12
MW-10 (RW-6)	06/26/06	3604.94	24.88	24.96	0.08	3580.04
MW-10 (RW-6)	07/05/06	3604.94	24.93	25.02	0.09	3579.99
MW-10 (RW-6)	07/10/06	3604.94	24.95	25.04	0.09	3579.97
MW-10 (RW-6)	07/17/06	3604.94	24.97	25.06	0.09	3579.95
MW-10 (RW-6)	07/24/06	3604.94	24.87	24.99	0.12	3580.05
MW-10 (RW-6)	08/02/06	3604.94	25.06	25.14	0.08	3579.86
MW-10 (RW-6)	08/14/06	3604.94	25.07	25.08	0.01	3579.87
MW-10 (RW-6)	08/28/06	3604.94	25.14	25.27	0.13	3579.77
MW-10 (RW-6)	09/14/06	3604.94	25.05	25.16	0.11	3579.87
MW-10 (RW-6)	09/21/06	3604.94	25.02	25.08	0.06	3579.91
MW-10 (RW-6)	09/25/06	3604.94	25.03	25.08	0.05	3579.90
MW-10 (RW-6)	10/02/06	3604.94	24.98	25.02	0.04	3579.95
MW-10 (RW-6)	10/10/06	3604.94	24.98	25.01	0.03	3579.95
MW-10 (RW-6)	10/16/06	3604.94	24.97	25.01	0.04	3579.96
MW-10 (RW-6)	10/23/06	3604.94	24.75	24.80	0.05	3580.18
MW-10 (RW-6)	10/30/06	3604.94	24.92	24.96	0.04	3580.01
MW-10 (RW-6)	11/06/06	3604.94	24.93	24.97	0.04	3580.00
MW-10 (RW-6)	11/21/06	3604.94	24.91	24.97	0.06	3580.02
MW-10 (RW-6)	11/28/06	3604.94	24.92	24.96	0.04	3580.01
MW-10 (RW-6)	12/05/06	3604.94	24.91	24.96	0.05	3580.02
MW-10 (RW-6)	12/11/06	3604.94	24.89	24.94	0.05	3580.04
MW-10 (RW-6)	12/18/06	3604.94	24.89	24.98	0.09	3580.03
MW-10 (RW-6)	01/02/07	3604.94	24.97	25.07	0.10	3579.95
MW-10 (RW-6)	01/08/07	3604.94	25.01	25.09	0.08	3579.91
MW-10 (RW-6)	01/23/07	3604.94	24.77	24.82	0.05	3580.16
MW-10 (RW-6)	02/05/07	3604.94	25.08	25.20	0.12	3579.84
MW-10 (RW-6)	02/26/07	3604.94	25.14	25.29	0.15	3579.77

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MW-10 (RW-6)	03/05/07	3604.94	25.18	25.32	0.14	3579.73
MW-10 (RW-6)	03/13/07	3604.94	25.20	25.33	0.13	3579.71
MW-10 (RW-6)	03/19/07	3604.94	25.24	25.37	0.13	3579.67
MW-10 (RW-6)	03/26/07	3604.94	25.24	25.36	0.12	3579.68
MW-10 (RW-6)	04/02/07	3604.94	25.27	25.40	0.13	3579.64
MW-10 (RW-6)	04/23/07	3604.94	25.09	25.23	0.14	3579.82
MW-10 (RW-6)	05/01/07	3604.94	25.36	25.47	0.11	3579.56
MW-10 (RW-6)	05/29/07	3604.94	25.42	25.53	0.11	3579.50
MW-10 (RW-6)	06/04/07	3604.94	25.43	25.52	0.09	3579.49
MW-10 (RW-6)	06/11/07	3604.94	25.44	25.52	0.08	3579.48
MW-10 (RW-6)	06/18/07	3604.94	25.43	25.52	0.09	3579.49
MW-10 (RW-6)	06/26/07	3604.94	25.18	25.24	0.06	3579.75
MW-10 (RW-6)	07/09/07	3604.94	25.20	25.26	0.06	3579.73
MW-10 (RW-6)	07/17/07	3604.94	25.23	25.28	0.05	3579.70
MW-10 (RW-6)	07/23/07	3604.94	25.18	25.28	0.10	3579.74
MW-10 (RW-6)	07/30/07	3604.94	25.22	25.27	0.05	3579.71
MW-10 (RW-6)	08/07/07	3604.94	25.24	25.28	0.04	3579.69
MW-10 (RW-6)	08/20/07	3604.94	25.24	25.34	0.10	3579.68
MW-10 (RW-6)	08/27/07	3604.94	25.28	25.36	0.08	3579.64
MW-10 (RW-6)	09/04/07	3604.94	25.31	25.35	0.04	3579.62
MW-10 (RW-6)	09/10/07	3604.94	25.29	25.33	0.04	3579.64
MW-10 (RW-6)	09/25/07	3604.94	25.35	25.37	0.02	3579.59
MW-10 (RW-6)	10/02/07	3604.94	25.35	25.38	0.03	3579.58
MW-10 (RW-6)	10/11/07	3604.94	25.28	25.31	0.03	3579.65
MW-10 (RW-6)	10/22/07	3604.94	25.17	25.23	0.06	3579.76
MW-10 (RW-6)	10/31/07	3604.94	25.30	25.31	0.01	3579.64
MW-10 (RW-6)	11/12/07	3604.94	25.26	25.27	0.01	3579.68
MW-10 (RW-6)	11/19/07	3604.94	25.30	25.31	0.01	3579.64
MW-10 (RW-6)	12/05/07	3604.94	25.29	25.31	0.02	3579.65
MW-10 (RW-6)	12/10/07	3604.94	25.32	25.35	0.03	3579.61
MW-10 (RW-6)	12/20/07	3604.94	25.35	25.37	0.02	3579.59
MW-10 (RW-6)	01/02/08	3604.94	25.43	25.44	0.01	3579.51
MW-10 (RW-6)	01/07/08	3604.94	25.43	25.50	0.07	3579.50
MW-10 (RW-6)	01/28/08	3604.94	25.26	25.36	0.10	3579.66
MW-10 (RW-6)	02/12/08	3604.94	25.56	25.58	0.02	3579.38
MW-10 (RW-6)	02/26/08	3604.94	25.60	25.63	0.03	3579.33
MW-10 (RW-6)	04/21/08	3604.94	25.50	25.51	0.01	3579.44
MW-10 (RW-6)	04/28/08	3604.94	25.77	25.80	0.03	3579.16
MW-10 (RW-6)	05/20/08	3604.94	25.81	25.83	0.02	3579.13
MW-10 (RW-6)	06/02/08	3604.94	25.85	25.86	0.01	3579.09
MW-10 (RW-6)	06/09/08	3604.94	25.87	25.88	0.01	3579.07
MW-10 (RW-6)	06/16/08	3604.94	25.96	25.97	0.01	3578.98
MW-10 (RW-6)	06/30/08	3604.94	25.99	26.00	0.01	3578.95
MW-10 (RW-6)	07/14/08	3604.94	26.06	26.07	0.01	3578.88
MW-10 (RW-6)	07/21/08	3604.94	--	25.81	--	3579.13

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-10 (RW-6)	08/06/08	3604.94	--	26.30	--	3578.64
MW-10 (RW-6)	08/18/08	3604.94	--	26.36	--	3578.58
MW-10 (RW-6)	09/09/08	3604.94	--	26.35	--	3578.59
MW-10 (RW-6)	09/15/08	3604.94	26.29	26.30	0.01	3578.65
MW-10 (RW-6)	09/22/08	3604.94	--	26.40	--	3578.54
MW-10 (RW-6)	09/29/08	3604.94	--	26.45	--	3578.49
MW-10 (RW-6)	10/07/08	3604.94	--	26.51	--	3578.43
MW-10 (RW-6)	10/20/08	3604.94	26.24	26.28	0.04	3578.69
MW-10 (RW-6)	10/28/08	3604.94	--	26.54	--	3578.40
MW-10 (RW-6)	11/10/08	3604.94	--	26.51	--	3578.43
MW-10 (RW-6)	11/24/08	3604.94	--	26.50	--	3578.44
MW-10 (RW-6)	12/01/08	3604.94	--	26.49	--	3578.45
MW-10 (RW-6)	12/08/08	3604.94	--	26.53	--	3578.41
MW-10 (RW-6)	12/24/08	3604.94	--	26.52	--	3578.42
MW-10 (RW-6)	12/29/08	3604.94	--	26.56	--	3578.38
MW-10 (RW-6)	01/06/09	3604.94	--	26.63	--	3578.31
MW-10 (RW-6)	01/14/09	3604.94	--	26.48	--	3578.46
MW-10 (RW-6)	01/19/09	3604.94	--	26.33	--	3578.61
MW-10 (RW-6)	01/26/09	3604.94	--	26.61	--	3578.33
MW-10 (RW-6)	02/10/09	3604.94	--	26.70	--	3578.24
MW-10 (RW-6)	02/26/09	3604.94	--	26.72	--	3578.22
MW-10 (RW-6)	03/02/09	3604.94	--	26.66	--	3578.28
MW-10 (RW-6)	03/09/09	3604.94	--	26.73	--	3578.21
MW-10 (RW-6)	03/16/09	3604.94	--	26.74	--	3578.20
MW-10 (RW-6)	03/24/09	3604.94	--	26.76	--	3578.18
MW-10 (RW-6)	03/30/09	3604.94	--	26.66	--	3578.28
MW-10 (RW-6)	04/06/09	3604.94	--	26.80	--	3578.14
MW-10 (RW-6)	04/14/09	3604.94	--	26.64	--	3578.30
MW-10 (RW-6)	04/20/09	3604.94	26.56	26.57	0.01	3578.38
MW-10 (RW-6)	04/28/09	3604.94	--	26.68	--	3578.26
MW-10 (RW-6)	05/11/09	3604.94	--	26.81	--	3578.13
MW-10 (RW-6)	05/26/09	3604.94	--	26.73	--	3578.21
MW-10 (RW-6)	06/01/09	3604.94	--	26.86	--	3578.08
MW-10 (RW-6)	06/09/09	3604.94	--	26.70	--	3578.24
MW-10 (RW-6)	06/15/09	3604.94	--	26.90	--	3578.04
MW-10 (RW-6)	06/29/09	3604.94	--	26.78	--	3578.16
MW-10 (RW-6)	07/06/09	3604.94	--	26.80	--	3578.14
MW-10 (RW-6)	07/14/09	3604.94	--	26.98	--	3577.96
MW-10 (RW-6)	07/20/09	3604.94	--	26.84	--	3578.10
MW-10 (RW-6)	07/27/09	3604.94	--	26.87	--	3578.07
MW-10 (RW-6)	08/03/09	3604.94	--	27.02	--	3577.92
MW-10 (RW-6)	08/12/09	3604.94	--	27.05	--	3577.89
MW-10 (RW-6)	08/24/09	3604.94	--	26.95	--	3577.99
MW-10 (RW-6)	08/31/09	3604.94	--	27.05	--	3577.89
MW-10 (RW-6)	09/08/09	3604.94	--	26.92	--	3578.02

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-10 (RW-6)	09/16/09	3604.94	--	27.04	--	3577.90
MW-10 (RW-6)	09/28/09	3604.94	--	26.88	--	3578.06
MW-10 (RW-6)	10/05/09	3604.94	--	27.07	--	3577.87
MW-10 (RW-6)	10/12/09	3604.94	--	27.06	--	3577.88
MW-10 (RW-6)	10/26/09	3604.94	26.99	27.00	0.01	3577.95
MW-10 (RW-6)	11/03/09	3604.94	--	26.93	--	3578.01
MW-10 (RW-6)	11/10/09	3604.94	--	27.08	--	3577.86
MW-10 (RW-6)	11/23/09	3604.94	--	27.03	--	3577.91
MW-10 (RW-6)	11/30/09	3604.94	--	27.17	--	3577.77
MW-10 (RW-6)	12/07/09	3604.94	--	27.08	--	3577.86
MW-10 (RW-6)	12/22/09	3604.94	--	27.24	--	3577.70
MW-10 (RW-6)	01/04/10	3604.94	--	27.14	--	3577.80
MW-10 (RW-6)	01/11/10	3604.94	--	27.30	--	3577.64
MW-10 (RW-6)	01/18/10	3604.94	--	27.12	--	3577.82
MW-10 (RW-6)	01/25/10	3604.94	--	27.21	--	3577.73
MW-10 (RW-6)	02/01/10	3604.94	--	27.29	--	3577.65
MW-10 (RW-6)	02/08/10	3604.94	--	27.25	--	3577.69
MW-10 (RW-6)	02/22/10	3604.94	--	27.44	--	3577.50
MW-10 (RW-6)	02/01/10	3604.94	--	27.34	--	3577.60
MW-10 (RW-6)	03/08/10	3604.94	--	27.46	--	3577.48
MW-10 (RW-6)	03/22/10	3604.94	--	27.50	--	3577.44
MW-10 (RW-6)	03/29/10	3604.94	--	27.35	--	3577.59
MW-10 (RW-6)	04/05/10	3604.94	--	27.53	--	3577.41
MW-10 (RW-6)	04/13/10	3604.94	--	27.36	--	3577.58
MW-10 (RW-6)	04/19/10	3604.94	--	27.57	--	3577.37
MW-10 (RW-6)	04/26/10	3604.94	--	27.39	--	3577.55
MW-10 (RW-6)	05/03/10	3604.94	--	27.72	--	3577.22
MW-10 (RW-6)	05/14/10	3604.94	--	27.75	--	3577.19
MW-10 (RW-6)	05/20/10	3604.94	--	27.62	--	3577.32
MW-10 (RW-6)	05/27/10	3604.94	--	27.23	--	3577.71
MW-10 (RW-6)	06/01/10	3604.94	--	27.67	--	3577.27
MW-10 (RW-6)	06/07/10	3604.94	--	27.57	--	3577.37
MW-10 (RW-6)	06/15/10	3604.94	--	27.81	--	3577.13
MW-10 (RW-6)	06/28/10	3604.94	--	27.60	--	3577.34
MW-10 (RW-6)	07/06/10	3604.94	--	27.45	--	3577.49
MW-10 (RW-6)	07/13/10	3604.94	--	27.41	--	3577.53
MW-10 (RW-6)	07/19/10	3604.94	--	27.49	--	3577.45
MW-10 (RW-6)	07/26/10	3604.94	--	27.15	--	3577.79
MW-10 (RW-6)	08/09/10	3604.94	--	27.32	--	3577.62
MW-10 (RW-6)	08/16/10	3604.94	--	27.23	--	3577.71
MW-10 (RW-6)	08/30/10	3604.94	--	27.24	--	3577.70
MW-10 (RW-6)	09/07/10	3604.94	--	27.13	--	3577.81
MW-10 (RW-6)	09/13/10	3604.94	--	27.19	--	3577.75
MW-10 (RW-6)	09/20/10	3604.94	--	27.07	--	3577.87
MW-10 (RW-6)	09/27/10	3604.94	--	27.18	--	3577.76

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-10 (RW-6)	10/04/10	3604.94	--	27.09	--	3577.85
MW-10 (RW-6)	10/12/10	3604.94	--	27.20	--	3577.74
MW-10 (RW-6)	10/19/10	3604.94	--	27.09	--	3577.85
MW-10 (RW-6)	10/25/10	3604.94	26.91	26.92	0.01	3578.03
MW-10 (RW-6)	11/01/10	3604.94	--	27.17	--	3577.77
MW-10 (RW-6)	11/09/10	3604.94	--	27.22	--	3577.72
MW-10 (RW-6)	11/22/10	3604.94	--	27.17	--	3577.77
MW-10 (RW-6)	12/06/10	3604.94	--	27.30	--	3577.64
MW-10 (RW-6)	12/13/10	3604.94	--	27.21	--	3577.73
MW-10 (RW-6)	01/04/11	3604.94	--	27.45	--	3577.49
MW-10 (RW-6)	01/10/11	3604.94	--	27.30	--	3577.64
MW-10 (RW-6)	01/17/11	3604.94	--	27.36	--	3577.58
MW-10 (RW-6)	01/24/11	3604.94	--	27.58	--	3577.36
MW-10 (RW-6)	01/31/11	3604.94	--	27.43	--	3577.51
MW-10 (RW-6)	02/07/11	3604.94	--	27.47	--	3577.47
MW-10 (RW-6)	02/14/11	3604.94	--	27.66	--	3577.28
MW-10 (RW-6)	03/01/11	3604.94	--	27.79	--	3577.15
MW-10 (RW-6)	03/07/11	3604.94	--	27.75	--	3577.19
MW-10 (RW-6)	03/21/11	3604.94	--	27.66	--	3577.28
MW-10 (RW-6)	03/28/11	3604.94	--	27.80	--	3577.14
MW-10 (RW-6)	04/18/11	3604.94	--	27.98	--	3576.96
MW-10 (RW-6)	10/10/11	3604.94	--	28.23	--	3576.71
MW-10 (RW-6)	05/30/12	3604.94	--	28.97	--	3575.97
MW-10 (RW-6)	01/17/13	3604.94	--	29.45	--	3575.49
MW-10 (RW-6)	01/24/13	3604.94	--	29.46	--	3575.48
MW-10 (RW-6)	01/31/13	3604.94	--	29.46	--	3575.48
MW-10 (RW-6)	02/07/13	3604.94	--	29.52	--	3575.42
MW-10 (RW-6)	02/14/13	3604.94	--	29.46	--	3575.48
MW-10 (RW-6)	02/27/13	3604.94	--	29.56	--	3575.38
MW-10 (RW-6)	03/07/13	3604.94	--	29.58	--	3575.36
MW-10 (RW-6)	03/14/13	3604.94	--	29.54	--	3575.40
MW-10 (RW-6)	03/19/13	3604.94	--	29.60	--	3575.34
MW-10 (RW-6)	04/05/13	3604.94	--	29.62	--	3575.32
MW-10 (RW-6)	04/10/13	3604.94	--	28.75	--	3576.19
MW-10 (RW-6)	04/18/13	3604.94	--	28.46	--	3576.48
MW-10 (RW-6)	04/25/13	3604.94	--	29.60	--	3575.34
MW-10 (RW-6)	05/02/13	3604.94	--	29.68	--	3575.26
MW-10 (RW-6)	05/09/13	3604.94	--	29.66	--	3575.28
MW-10 (RW-6)	05/13/13	3604.94	--	29.70	--	3575.24
MW-10 (RW-6)	05/23/13	3604.94	--	29.73	--	3575.21
MW-10 (RW-6)	05/30/13	3604.94	--	29.76	--	3575.18
MW-10 (RW-6)	06/07/13	3604.94	--	29.73	--	3575.21
MW-10 (RW-6)	06/13/13	3604.94	--	29.87	--	3575.07
MW-10 (RW-6)	06/27/13	3604.94	--	29.80	--	3575.14
MW-10 (RW-6)	07/02/13	3604.94	--	29.75	--	3575.19

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-10 (RW-6)	07/11/13	3604.94	--	29.94	--	3575.00
MW-10 (RW-6)	07/23/13	3604.94	--	29.97	--	3574.97
MW-10 (RW-6)	08/22/13	3604.94	--	30.07	--	3574.87
MW-10 (RW-6)	09/19/13	3604.94	--	30.08	--	3574.86
MW-10 (RW-6)	10/03/13	3604.94	--	30.09	--	3574.85
MW-10 (RW-6)	10/31/13	3604.94	--	30.13	--	3574.81
MW-10 (RW-6)	11/14/13	3604.94	--	30.21	--	3574.73
MW-10 (RW-6)	11/27/13	3604.94	--	30.25	--	3574.69
MW-10 (RW-6)	12/11/13	3604.94	--	30.23	--	3574.71
MW-10 (RW-6)	12/24/13	3604.94	--	30.28	--	3574.66
MW-10 (RW-6)	01/08/14	3604.94	--	30.25	--	3574.69
MW-10 (RW-6)	03/10/14	3604.94	--	30.43	--	3574.51
MW-10 (RW-6)	03/25/14	3604.94	--	30.47	--	3574.47
MW-10 (RW-6)	04/02/14	3604.94	--	30.49	--	3574.45
MW-10 (RW-6)	04/16/14	3604.94	--	30.55	--	3574.39
MW-10 (RW-6)	04/28/14	3604.94	--	30.55	--	3574.39
MW-10 (RW-6)	05/15/14	3604.94	--	30.60	--	3574.34
MW-10 (RW-6)	05/28/14	3604.94	--	30.64	--	3574.30
MW-10 (RW-6)	06/09/14	3604.94	--	30.68	--	3574.26
MW-10 (RW-6)	07/29/14	3604.94	--	30.82	--	3574.12
MW-10 (RW-6)	08/06/14	3604.94	--	30.86	--	3574.08
MW-10 (RW-6)	08/19/14	3604.94	--	30.88	--	3574.06
MW-10 (RW-6)	09/03/14	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	10/01/14	3604.94	--	30.80	--	3574.14
MW-10 (RW-6)	10/30/14	3604.94	--	30.77	--	3574.17
MW-10 (RW-6)	11/24/14	3605.94	--	30.64	--	3575.30
MW-10 (RW-6)	12/10/14	3605.94	--	30.61	--	3575.33
MW-10 (RW-6)	01/08/15	3605.94	--	30.53	--	3575.41
MW-10 (RW-6)	01/20/15	3605.94	--	30.52	--	3575.42
MW-10 (RW-6)	02/25/15	3605.94	--	30.54	--	3575.40
MW-10 (RW-6)	03/10/15	3605.94	--	30.55	--	3575.39
MW-10 (RW-6)	04/24/15	3605.94	--	30.72	--	3575.22
MW-10 (RW-6)	05/15/15	3605.94	--	DRY	--	DRY
MW-10 (RW-6)	06/08/15	3605.94	30.70	30.71	0.01	3575.24
MW-10 (RW-6)	07/27/15	3605.94	--	30.65	--	3575.29
MW-10 (RW-6)	08/18/15	3605.94	--	DRY	--	DRY
MW-10 (RW-6)	08/19/15	3606.94	--	30.41	--	3576.53
MW-10 (RW-6)	09/29/15	3606.94	--	30.63	--	3576.31
MW-10 (RW-6)	01/21/16	3606.94	--	30.20	--	3576.74
MW-10 (RW-6)	02/18/16	3606.94	--	30.22	--	3576.72
MW-10 (RW-6)	03/21/16	3606.94	--	30.26	--	3576.68
MW-10 (RW-6)	04/14/16	3606.94	--	30.21	--	3576.73
MW-10 (RW-6)	05/19/16	3607.94	--	30.33	--	3577.61
MW-10 (RW-6)	07/27/16	3608.94	--	30.68	--	3578.26

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-10 (RW-6)	09/22/16	3608.94	--	30.35	--	3578.59
MW-10 (RW-6)	10/13/16	3609.94	--	29.32	--	3580.62
MW-10 (RW-6)	12/08/16	3610.94	--	29.70	--	3581.24
MW-11 (RW-7)	03/01/01	3608.06	--	27.09	--	3580.97
MW-11 (RW-7)	06/25/01	3608.06	--	27.30	--	3580.76
MW-11 (RW-7)	09/25/01	3608.06	27.51	28.26	0.75	3580.40
MW-11 (RW-7)	12/11/01	3608.06	27.50	28.36	0.86	3580.39
MW-11 (RW-7)	05/21/02	3608.06	27.60	29.67	2.07	3580.05
MW-11 (RW-7)	06/16/02	3608.06	28.48	30.95	2.47	3579.09
MW-11 (RW-7)	10/25/02	3608.06	27.90	30.73	2.83	3579.59
MW-11 (RW-7)	11/04/02	3608.06	27.95	30.81	2.86	3579.54
MW-11 (RW-7)	11/05/02	3608.06	27.92	30.97	3.05	3579.53
MW-11 (RW-7)	02/24/03	3608.06	28.97	30.96	1.99	3578.69
MW-11 (RW-7)	11/05/02	3608.06	29.83	30.57	0.74	3578.08
MW-11 (RW-7)	02/25/03	3608.06	28.71	30.90	2.19	3578.91
MW-11 (RW-7)	04/09/03	3608.06	28.97	30.96	1.99	3578.69
MW-11 (RW-7)	09/11/03	3608.06	29.06	30.74	1.68	3578.66
MW-11 (RW-7)	11/05/03	3608.06	29.82	31.25	1.43	3577.95
MW-11 (RW-7)	01/19/04	3608.06	30.23	30.94	0.71	3577.69
MW-11 (RW-7)	04/20/04	3608.06	30.48	30.53	0.05	3577.57
MW-11 (RW-7)	07/20/04	3608.06	30.33	31.16	0.83	3577.56
MW-11 (RW-7)	10/25/04	3608.06	--	29.10	--	3578.96
MW-11 (RW-7)	01/24/05	3608.06	28.03	28.04	0.01	3580.03
MW-11 (RW-7)	04/18/05	3608.06	27.73	27.75	0.02	3580.33
MW-11 (RW-7)	07/18/05	3608.06	27.99	28.00	0.01	3580.07
MW-11 (RW-7)	10/17/05	3608.06	27.89	27.90	0.01	3580.17
MW-11 (RW-7)	12/28/05	3608.06	28.04	28.06	0.02	3580.02
MW-11 (RW-7)	01/10/06	3608.06	28.09	28.10	0.01	3579.97
MW-11 (RW-7)	01/23/06	3608.06	28.03	28.05	0.02	3580.03
MW-11 (RW-7)	04/24/06	3608.06	28.40	28.44	0.04	3579.65
MW-11 (RW-7)	07/24/06	3608.06	28.75	28.90	0.15	3579.28
MW-11 (RW-7)	10/23/06	3608.06	28.65	28.74	0.09	3579.39
MW-11 (RW-7)	01/23/07	3608.06	28.74	28.75	0.01	3579.32
MW-11 (RW-7)	04/23/07	3608.06	28.99	29.11	0.12	3579.05
MW-11 (RW-7)	07/23/07	3608.06	29.13	29.16	0.03	3578.92
MW-11 (RW-7)	10/22/07	3608.06	29.16	29.18	0.02	3578.90
MW-11 (RW-7)	01/28/08	3608.06	29.20	29.22	0.02	3578.86
MW-11 (RW-7)	04/21/08	3608.06	--	29.44	--	3578.62
MW-11 (RW-7)	07/21/08	3608.06	--	29.73	--	3578.33
MW-11 (RW-7)	10/20/08	3608.06	--	29.95	--	3578.11
MW-11 (RW-7)	01/19/09	3608.06	--	30.04	--	3578.02
MW-11 (RW-7)	04/20/09	3608.06	30.38	30.39	0.01	3577.68
MW-11 (RW-7)	07/27/09	3608.06	--	30.64	--	3577.42

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-11 (RW-7)	10/26/09	3608.06	--	30.77	--	3577.29
MW-11 (RW-7)	01/25/10	3608.06	--	31.00	--	3577.06
MW-11 (RW-7)	04/26/10	3608.06	--	31.16	--	3576.90
MW-11 (RW-7)	07/26/10	3608.06	--	30.95	--	3577.11
MW-11 (RW-7)	10/25/10	3608.06	--	30.76	--	3577.30
MW-11 (RW-7)	01/24/11	3608.06	--	31.36	--	3576.70
MW-11 (RW-7)	04/18/11	3608.06	--	31.35	--	3576.71
MW-11 (RW-7)	10/10/11	3608.06	--	31.86	--	3576.20
MW-11 (RW-7)	05/30/12	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	02/27/13	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	07/23/13	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/25/14	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	07/29/14	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/10/15	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	07/27/15	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/21/16	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/22/16	3608.06	--	DRY	--	DRY
MW-12 (SVE-9)	03/01/01	3604.40	--	23.87	--	3580.53
MW-12 (SVE-9)	06/25/01	3604.40	--	24.14	--	3580.26
MW-12 (SVE-9)	09/25/01	3604.40	--	24.38	--	3580.02
MW-12 (SVE-9)	12/11/01	3604.40	--	24.62	--	3579.78
MW-12 (SVE-9)	05/21/02	3604.40	--	24.96	--	3579.44
MW-12 (SVE-9)	06/08/02	3604.40	--	25.64	--	3578.76
MW-12 (SVE-9)	06/15/02	3604.40	--	25.64	--	3578.76
MW-12 (SVE-9)	10/25/02	3604.14	--	25.83	--	3578.31
MW-12 (SVE-9)	10/26/02	3604.14	--	25.84	--	3578.30
MW-12 (SVE-9)	11/04/02	3604.14	--	25.66	--	3578.48
MW-12 (SVE-9)	11/05/02	3604.14	--	25.54	--	3578.60
MW-12 (SVE-9)	12/16/02	3604.14	--	25.52	--	3578.62
MW-12 (SVE-9)	01/22/03	3604.14	--	25.50	--	3578.64
MW-12 (SVE-9)	04/24/03	3604.14	--	25.58	--	3578.56
MW-12 (SVE-9)	09/11/03	3604.14	--	26.08	--	3578.06
MW-12 (SVE-9)	10/15/03	3604.14	--	26.33	--	3577.81
MW-12 (SVE-9)	01/19/04	3604.14	--	26.68	--	3577.46
MW-12 (SVE-9)	04/19/04	3604.14	--	26.57	--	3577.57
MW-12 (SVE-9)	07/20/04	3604.14	--	26.72	--	3577.42
MW-12 (SVE-9)	10/25/04	3604.14	--	25.07	--	3579.07
MW-12 (SVE-9)	01/24/05	3604.14	--	23.85	--	3580.29
MW-12 (SVE-9)	04/18/05	3604.14	--	23.55	--	3580.59
MW-12 (SVE-9)	07/18/05	3604.14	--	23.71	--	3580.43
MW-12 (SVE-9)	10/17/05	3604.14	--	23.65	--	3580.49
MW-12 (SVE-9)	01/10/06	3604.14	--	23.86	--	3580.28
MW-12 (SVE-9)	01/23/06	3604.14	--	23.89	--	3580.25
MW-12 (SVE-9)	04/24/06	3604.14	--	24.31	--	3579.83

Historical Groundwater Elevation Data
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East Hobbs Junction
Hobbs, Lea County, New Mexico

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-12 (SVE-9)	07/24/06	3604.14	--	24.70	--	3579.44
MW-12 (SVE-9)	10/23/06	3604.14	--	24.55	--	3579.59
MW-12 (SVE-9)	01/23/07	3604.14	--	24.60	--	3579.54
MW-12 (SVE-9)	04/23/07	3604.14	--	24.92	--	3579.22
MW-12 (SVE-9)	07/23/07	3604.14	--	25.02	--	3579.12
MW-12 (SVE-9)	10/22/07	3604.14	--	24.98	--	3579.16
MW-12 (SVE-9)	01/28/08	3604.14	--	25.09	--	3579.05
MW-12 (SVE-9)	04/21/08	3604.14	--	25.36	--	3578.78
MW-12 (SVE-9)	07/21/08	3604.14	--	25.70	--	3578.44
MW-12 (SVE-9)	10/20/08	3604.14	--	25.94	--	3578.20
MW-12 (SVE-9)	01/19/09	3604.14	--	26.00	--	3578.14
MW-12 (SVE-9)	04/20/09	3604.14	--	26.28	--	3577.86
MW-12 (SVE-9)	07/27/09	3604.14	--	26.60	--	3577.54
MW-12 (SVE-9)	10/26/09	3604.14	--	26.61	--	3577.53
MW-12 (SVE-9)	01/25/10	3604.14	--	26.59	--	3577.55
MW-12 (SVE-9)	04/26/10	3604.14	--	27.02	--	3577.12
MW-12 (SVE-9)	07/26/10	3604.14	--	26.76	--	3577.38
MW-12 (SVE-9)	10/25/10	3604.14	--	26.51	--	3577.63
MW-12 (SVE-9)	01/24/11	3604.14	--	26.94	--	3577.20
MW-12 (SVE-9)	04/18/11	3604.14	--	27.35	--	3576.79
MW-12 (SVE-9)	10/10/11	3604.14	--	27.89	--	3576.25
MW-12 (SVE-9)	05/30/12	3604.14	--	28.63	--	3575.51
MW-12 (SVE-9)	02/27/13	3604.14	--	29.26	--	3574.88
MW-12 (SVE-9)	07/23/13	3604.14	--	29.69	--	3574.45
MW-12 (SVE-9)	03/25/14	3604.14	--	30.13	--	3574.01
MW-12 (SVE-9)	07/29/14	3604.14	--	30.51	--	3573.63
MW-12 (SVE-9)	03/10/15	3604.14	--	30.17	--	3573.97
MW-12 (SVE-9)	07/27/15	3604.14	--	30.27	--	3573.87
MW-12 (SVE-9)	03/21/16	3604.14	--	29.73	--	3574.41
MW-12 (SVE-9)	09/22/16	3604.14	--	30.01	--	3574.13
MW-13	03/01/01	3604.31	--	24.70	--	3579.61
MW-13	06/25/01	3604.31	--	24.95	--	3579.36
MW-13	09/25/01	3604.31	--	25.23	--	3579.08
MW-13	12/11/01	3604.31	--	25.48	--	3578.83
MW-13	05/21/02	3604.31	--	25.79	--	3578.52
MW-13	06/15/02	3604.31	--	25.85	--	3578.46
MW-13	09/20/02	3604.31	--	25.97	--	3578.34
MW-13	10/15/02	3604.31	--	26.11	--	3578.20
MW-13	10/22/02	3604.31	--	26.11	--	3578.20
MW-13	10/25/02	3604.31	--	26.13	--	3578.18
MW-13	10/26/02	3604.31	--	26.12	--	3578.19
MW-13	11/04/02	3604.31	--	26.05	--	3578.26
MW-13	11/05/02	3604.31	--	26.06	--	3578.25
MW-13	11/22/02	3604.31	--	26.01	--	3578.30

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MW-13	11/29/02	3604.31	--	25.95	--	3578.36
MW-13	01/22/03	3604.31	--	25.88	--	3578.43
MW-13	02/14/03	3604.31	--	25.93	--	3578.38
MW-13	02/24/03	3604.31	--	25.96	--	3578.35
MW-13	04/24/03	3604.31	--	26.14	--	3578.17
MW-13	07/15/03	3604.31	--	26.40	--	3577.91
MW-13	09/11/03	3604.31	--	26.55	--	3577.76
MW-13	10/15/03	3604.31	--	26.71	--	3577.60
MW-13	01/19/04	3604.31	--	26.98	--	3577.33
MW-13	04/19/04	3604.31	--	26.95	--	3577.36
MW-13	07/20/04	3604.31	--	26.81	--	3577.50
MW-13	10/25/04	3604.31	--	24.95	--	3579.36
MW-13	01/24/05	3604.31	--	23.64	--	3580.67
MW-13	04/18/05	3604.31	--	23.46	--	3580.85
MW-13	07/18/05	3604.31	--	23.78	--	3580.53
MW-13	10/17/05	3604.31	--	23.72	--	3580.59
MW-13	01/23/06	3604.31	--	24.02	--	3580.29
MW-13	04/24/06	3604.31	--	24.50	--	3579.81
MW-13	07/24/06	3604.31	--	24.93	--	3579.38
MW-13	10/23/06	3604.31	--	24.66	--	3579.65
MW-13	01/23/07	3604.31	--	24.76	--	3579.55
MW-13	04/23/07	3604.31	--	25.12	--	3579.19
MW-13	07/23/07	3604.31	--	25.16	--	3579.15
MW-13	10/22/07	3604.31	--	25.04	--	3579.27
MW-13	01/28/08	3604.31	--	25.25	--	3579.06
MW-13	04/21/08	3604.31	--	25.60	--	3578.71
MW-13	07/21/08	3604.31	--	26.02	--	3578.29
MW-13	10/20/08	3604.31	--	26.19	--	3578.12
MW-13	01/19/09	3604.31	--	26.26	--	3578.05
MW-13	04/20/09	3604.31	--	26.60	--	3577.71
MW-13	07/27/09	3604.31	--	26.92	--	3577.39
MW-13	10/26/09	3604.31	--	26.91	--	3577.40
MW-13	01/25/10	3604.31	--	27.19	--	3577.12
MW-13	04/26/10	3604.31	--	27.35	--	3576.96
MW-13	07/26/10	3604.31	--	27.07	--	3577.24
MW-13	10/25/10	3604.31	--	26.72	--	3577.59
MW-13	01/24/11	3604.31	--	27.21	--	3577.10
MW-13	04/18/11	3604.31	--	27.58	--	3576.73
MW-13	10/10/11	3604.31	--	28.19	--	3576.12
MW-13	05/30/12	3604.31	--	29.00	--	3575.31
MW-13	02/27/13	3604.31	--	29.56	--	3574.75
MW-13	07/23/13	3604.31	--	30.01	--	3574.30
MW-13	03/25/14	3604.31	--	30.42	--	3573.89
MW-13	07/29/14	3604.31	--	30.87	--	3573.44
MW-13	03/10/15	3604.31	--	30.33	--	3573.98

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MW-13	07/27/15	3604.31	--	30.31	--	3574.00
MW-13	03/21/16	3604.31	--	29.80	--	3574.51
MW-13	09/22/16	3604.31	--	30.23	--	3574.08
MW-14 (SVE-11)	03/01/01	3604.11	--	23.96	--	3580.15
MW-14 (SVE-11)	06/25/01	3604.11	--	24.14	--	3579.97
MW-14 (SVE-11)	09/25/01	3604.11	--	24.45	--	3579.66
MW-14 (SVE-11)	12/11/01	3604.11	--	24.63	--	3579.48
MW-14 (SVE-11)	05/21/02	3604.11	--	25.00	--	3579.11
MW-14 (SVE-11)	06/15/02	3604.11	--	25.08	--	3579.03
MW-14 (SVE-11)	10/15/02	3603.77	--	25.82	--	3577.95
MW-14 (SVE-11)	01/22/03	3603.77	--	25.90	--	3577.87
MW-14 (SVE-11)	04/24/03	3603.77	--	25.92	--	3577.85
MW-14 (SVE-11)	07/15/03	3603.77	--	26.11	--	3577.66
MW-14 (SVE-11)	09/11/03	3603.77	--	26.26	--	3577.51
MW-14 (SVE-11)	10/15/03	3603.77	--	26.41	--	3577.36
MW-14 (SVE-11)	01/19/04	3603.77	--	26.68	--	3577.09
MW-14 (SVE-11)	04/19/04	3603.77	--	26.61	--	3577.16
MW-14 (SVE-11)	07/20/04	3603.77	--	26.75	--	3577.02
MW-14 (SVE-11)	10/25/04	3603.77	--	24.81	--	3578.96
MW-14 (SVE-11)	01/24/05	3603.77	--	23.76	--	3580.01
MW-14 (SVE-11)	04/18/05	3603.77	--	23.58	--	3580.19
MW-14 (SVE-11)	07/18/05	3603.77	--	23.83	--	3579.94
MW-14 (SVE-11)	10/17/05	3603.77	--	23.77	--	3580.00
MW-14 (SVE-11)	01/23/06	3603.77	--	24.03	--	3579.74
MW-14 (SVE-11)	04/24/06	3603.77	--	24.41	--	3579.36
MW-14 (SVE-11)	07/24/06	3603.77	--	24.80	--	3578.97
MW-14 (SVE-11)	10/23/06	3603.77	--	24.70	--	3579.07
MW-14 (SVE-11)	01/23/07	3603.77	--	24.79	--	3578.98
MW-14 (SVE-11)	04/23/07	3603.77	--	25.06	--	3578.71
MW-14 (SVE-11)	07/23/07	3603.77	--	25.19	--	3578.58
MW-14 (SVE-11)	10/22/07	3603.77	--	25.20	--	3578.57
MW-14 (SVE-11)	01/28/08	3603.77	--	25.30	--	3578.47
MW-14 (SVE-11)	04/21/08	3603.77	--	25.53	--	3578.24
MW-14 (SVE-11)	07/21/08	3603.77	--	25.83	--	3577.94
MW-14 (SVE-11)	10/20/08	3603.77	--	26.07	--	3577.70
MW-14 (SVE-11)	01/19/09	3603.77	--	26.15	--	3577.62
MW-14 (SVE-11)	04/20/09	3603.77	--	26.37	--	3577.40
MW-14 (SVE-11)	07/27/09	3603.77	--	26.65	--	3577.12
MW-14 (SVE-11)	10/26/09	3603.77	--	26.75	--	3577.02
MW-14 (SVE-11)	01/25/10	3603.77	--	26.97	--	3576.80
MW-14 (SVE-11)	04/26/10	3603.77	--	27.14	--	3576.63
MW-14 (SVE-11)	07/26/10	3603.77	--	26.78	--	3576.99
MW-14 (SVE-11)	10/25/10	3603.77	--	26.64	--	3577.13
MW-14 (SVE-11)	01/24/11	3603.77	--	27.03	--	3576.74

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MW-14 (SVE-11)	04/18/11	3603.77	--	27.36	--	3576.41
MW-14 (SVE-11)	10/10/11	3603.77	--	27.87	--	3575.90
MW-14 (SVE-11)	05/30/12	3603.77	--	28.55	--	3575.22
MW-14 (SVE-11)	02/27/13	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	07/23/13	3603.77	--	29.51	--	3574.26
MW-14 (SVE-11)	03/25/14	3603.77	--	30.02	--	3573.75
MW-14 (SVE-11)	07/29/14	3603.77	--	30.34	--	3573.43
MW-14 (SVE-11)	03/10/15	3603.77	--	30.15	--	3573.62
MW-14 (SVE-11)	07/27/15	3603.77	--	30.30	--	3573.47
MW-14 (SVE-11)	03/21/16	3603.77	--	29.80	--	3573.97
MW-14 (SVE-11)	09/22/16	3603.77	--	29.61	--	3574.16
MW-15 (SVE-12)	03/01/01	3609.78	28.20	28.26	0.06	3581.57
MW-15 (SVE-12)	06/25/01	3609.78	28.24	28.90	0.66	3581.41
MW-15 (SVE-12)	09/25/01	3609.78	NM	NM	NM	NM
MW-15 (SVE-12)	12/11/01	3609.78	NM	NM	NM	NM
MW-15 (SVE-12)	05/21/02	3609.78	28.98	29.77	0.79	3580.64
MW-15 (SVE-12)	06/08/02	3609.78	29.05	29.85	0.80	3580.57
MW-15 (SVE-12)	06/15/02	3609.23	29.65	30.42	0.77	3579.43
MW-15 (SVE-12)	10/25/02	3609.23	29.67	30.57	0.90	3579.38
MW-15 (SVE-12)	11/04/02	3609.23	29.80	30.62	0.82	3579.27
MW-15 (SVE-12)	11/22/02	3609.23	29.81	30.59	0.78	3579.26
MW-15 (SVE-12)	11/29/02	3609.23	29.70	30.59	0.89	3579.35
MW-15 (SVE-12)	02/08/03	3609.23	30.10	30.44	0.34	3579.06
MW-15 (SVE-12)	02/24/03	3609.23	30.09	30.51	0.42	3579.06
MW-15 (SVE-12)	04/07/03	3609.23	30.21	30.50	0.29	3578.96
MW-15 (SVE-12)	04/24/03	3609.23	30.24	30.44	0.20	3578.95
MW-15 (SVE-12)	11/05/02	3609.23	29.81	30.57	0.76	3579.27
MW-15 (SVE-12)	02/25/03	3609.23	30.09	30.51	0.42	3579.06
MW-15 (SVE-12)	04/09/03	3609.23	30.21	30.50	0.29	3578.96
MW-15 (SVE-12)	04/22/03	3609.23	30.27	30.49	0.22	3578.92
MW-15 (SVE-12)	06/25/03	3609.23	30.34	30.55	0.21	3578.85
MW-15 (SVE-12)	09/11/03	3609.23	30.52	30.79	0.27	3578.66
MW-15 (SVE-12)	11/05/03	3609.23	30.67	30.94	0.27	3578.51
MW-15 (SVE-12)	01/19/04	3609.23	30.87	31.11	0.24	3578.31
MW-15 (SVE-12)	04/19/04	3609.23	31.03	31.09	0.06	3578.19
MW-15 (SVE-12)	07/20/04	3609.23	31.10	31.32	0.22	3578.09
MW-15 (SVE-12)	10/25/04	3609.23	--	29.94	--	3579.29
MW-15 (SVE-12)	01/24/05	3609.23	--	28.72	--	3580.51
MW-15 (SVE-12)	04/18/05	3609.23	--	28.40	--	3580.83
MW-15 (SVE-12)	07/18/05	3609.23	--	28.39	--	3580.84
MW-15 (SVE-12)	10/17/05	3609.23	--	28.29	--	3580.94
MW-15 (SVE-12)	01/23/06	3609.23	--	28.44	--	3580.79
MW-15 (SVE-12)	04/24/06	3609.23	--	28.72	--	3580.51
MW-15 (SVE-12)	07/24/06	3609.23	--	29.12	--	3580.11

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-15 (SVE-12)	10/23/06	3609.23	--	29.05	--	3580.18
MW-15 (SVE-12)	01/23/07	3609.23	--	29.12	--	3580.11
MW-15 (SVE-12)	04/23/07	3609.23	--	29.36	--	3579.87
MW-15 (SVE-12)	07/23/07	3609.23	--	29.53	--	3579.70
MW-15 (SVE-12)	10/22/07	3609.23	--	29.61	--	3579.62
MW-15 (SVE-12)	01/28/08	3609.23	--	29.65	--	3579.58
MW-15 (SVE-12)	04/21/08	3609.23	--	29.84	--	3579.39
MW-15 (SVE-12)	07/21/08	3609.23	--	30.08	--	3579.15
MW-15 (SVE-12)	10/20/08	3609.23	--	30.30	--	3578.93
MW-15 (SVE-12)	01/19/09	3609.23	--	30.49	--	3578.74
MW-15 (SVE-12)	04/20/09	3609.23	--	30.70	--	3578.53
MW-15 (SVE-12)	07/27/09	3609.23	--	30.94	--	3578.29
MW-15 (SVE-12)	10/26/09	3609.23	--	31.13	--	3578.10
MW-15 (SVE-12)	01/25/10	3609.23	--	31.31	--	3577.92
MW-15 (SVE-12)	04/26/10	3609.23	--	31.50	--	3577.73
MW-15 (SVE-12)	07/26/10	3609.23	--	31.29	--	3577.94
MW-15 (SVE-12)	10/25/10	3609.23	--	31.18	--	3578.05
MW-15 (SVE-12)	01/24/11	3609.23	--	31.45	--	3577.78
MW-15 (SVE-12)	04/18/11	3609.23	--	31.72	--	3577.51
MW-15 (SVE-12)	10/10/11	3609.23	--	32.12	--	3577.11
MW-15 (SVE-12)	05/30/12	3609.23	--	32.75	--	3576.48
MW-15 (SVE-12)	02/27/13	3609.23	--	33.43	--	3575.80
MW-15 (SVE-12)	07/23/13	3609.23	--	33.76	--	3575.47
MW-15 (SVE-12)	03/25/14	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	07/29/14	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/10/15	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	07/27/15	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/21/16	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/22/16	3609.23	--	DRY	--	DRY
MW-16	03/01/01	3606.31	--	25.57	--	3580.74
MW-16	06/25/01	3606.31	--	25.78	--	3580.53
MW-16	09/25/01	3606.31	--	26.01	--	3580.30
MW-16	12/11/01	3606.31	--	26.21	--	3580.10
MW-16	05/21/02	3606.31	--	26.57	--	3579.74
MW-16	06/15/02	3606.31	--	26.64	--	3579.67
MW-16	06/16/02	3606.31	--	26.63	--	3579.68
MW-16	09/20/02	3606.31	--	26.80	--	3579.51
MW-16	10/15/02	3606.31	--	26.85	--	3579.46
MW-16	10/22/02	3606.31	--	26.88	--	3579.43
MW-16	10/25/02	3606.31	--	26.88	--	3579.43
MW-16	10/26/02	3606.31	--	26.88	--	3579.43
MW-16	11/04/02	3606.31	--	26.90	--	3579.41
MW-16	11/05/02	3606.31	--	26.91	--	3579.40
MW-16	01/22/03	3606.31	--	26.95	--	3579.36

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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-16	02/14/03	3606.31	--	26.95	--	3579.36
MW-16	02/24/03	3606.31	--	26.95	--	3579.36
MW-16	04/07/03	3606.31	--	27.05	--	3579.26
MW-16	04/24/03	3606.31	--	27.16	--	3579.15
MW-16	07/14/03	3606.31	--	27.25	--	3579.06
MW-16	08/02/03	3606.31	--	27.27	--	3579.04
MW-16	09/11/03	3606.31	--	27.35	--	3578.96
MW-16	10/15/03	3606.31	--	27.49	--	3578.82
MW-16	01/19/04	3606.31	--	27.68	--	3578.63
MW-16	04/19/04	3606.31	--	27.78	--	3578.53
MW-16	07/20/04	3606.31	--	27.89	--	3578.42
MW-16	10/25/04	3606.31	--	26.38	--	3579.93
MW-16	01/24/05	3606.31	--	25.11	--	3581.20
MW-16	04/18/05	3606.31	--	24.91	--	3581.40
MW-16	07/18/05	3606.31	--	25.04	--	3581.27
MW-16	10/17/05	3606.31	--	24.99	--	3581.32
MW-16	01/23/06	3606.31	--	25.20	--	3581.11
MW-16	04/24/06	3606.31	--	25.56	--	3580.75
MW-16	07/24/06	3606.31	--	25.90	--	3580.41
MW-16	10/23/06	3606.31	--	25.84	--	3580.47
MW-16	01/23/07	3606.31	--	25.94	--	3580.37
MW-16	04/23/07	3606.31	--	26.16	--	3580.15
MW-16	07/23/07	3606.31	--	26.33	--	3579.98
MW-16	10/22/07	3606.31	--	26.40	--	3579.91
MW-16	01/28/08	3606.31	--	26.45	--	3579.86
MW-16	04/21/08	3606.31	--	26.66	--	3579.65
MW-16	07/21/08	3606.31	--	26.91	--	3579.40
MW-16	10/20/08	3606.31	--	27.13	--	3579.18
MW-16	01/19/09	3606.31	--	27.26	--	3579.05
MW-16	04/20/09	3606.31	--	27.50	--	3578.81
MW-16	07/27/09	3606.31	--	27.75	--	3578.56
MW-16	10/26/09	3606.31	--	27.93	--	3578.38
MW-16	01/25/10	3606.31	--	28.09	--	3578.22
MW-16	04/26/10	3606.31	--	28.27	--	3578.04
MW-16	07/26/10	3606.31	--	28.00	--	3578.31
MW-16	10/25/10	3606.31	--	27.88	--	3578.43
MW-16	01/24/11	3606.31	--	28.19	--	3578.12
MW-16	04/18/11	3606.31	--	28.47	--	3577.84
MW-16	10/10/11	3606.31	--	28.87	--	3577.44
MW-16	05/30/12	3606.31	--	29.50	--	3576.81
MW-16	02/27/13	3606.31	--	30.13	--	3576.18
MW-16	07/23/13	3606.31	--	30.48	--	3575.83
MW-16	03/25/14	3606.31	--	30.98	--	3575.33
MW-16	07/29/14	3606.31	--	31.26	--	3575.05
MW-16	03/10/15	3606.31	--	31.20	--	3575.11

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MW-16	07/27/15	3606.31	--	Dry	--	Dry
MW-16	03/21/16	3606.31	--	30.95	--	3575.36
MW-16	09/22/16	3606.31	--	29.90	--	3576.41
MW-17	03/01/01	3609.03	--	27.78	--	3581.25
MW-17	06/25/01	3609.03	--	27.99	--	3581.04
MW-17	09/25/01	3609.03	--	28.21	--	3580.82
MW-17	12/11/01	3609.03	--	28.39	--	3580.64
MW-17	05/21/02	3609.03	--	28.77	--	3580.26
MW-17	06/08/02	3609.03	--	28.80	--	3580.23
MW-17	06/13/02	3609.03	--	28.81	--	3580.22
MW-17	06/15/02	3609.03	--	28.81	--	3580.22
MW-17	09/20/02	3609.03	--	29.00	--	3580.03
MW-17	10/15/02	3609.03	--	29.07	--	3579.96
MW-17	10/22/02	3609.03	--	29.06	--	3579.97
MW-17	10/25/02	3609.03	--	29.06	--	3579.97
MW-17	10/26/02	3609.03	--	29.09	--	3579.94
MW-17	11/04/02	3609.03	--	29.10	--	3579.93
MW-17	11/05/02	3609.03	--	29.13	--	3579.90
MW-17	11/22/02	3609.03	--	29.16	--	3579.87
MW-17	12/16/02	3609.03	--	DRY	--	DRY
MW-17	01/22/03	3609.03	--	29.15	--	3579.88
MW-17	02/08/03	3609.03	--	29.16	--	3579.87
MW-17	02/14/03	3609.03	--	29.17	--	3579.86
MW-17	02/24/03	3609.03	--	29.19	--	3579.84
MW-17	04/24/03	3609.03	--	29.28	--	3579.75
MW-17	04/07/03	3609.03	--	29.23	--	3579.80
MW-17	07/14/03	3609.03	--	29.45	--	3579.58
MW-17	08/02/03	3609.03	--	29.49	--	3579.54
MW-17	09/11/03	3609.03	--	29.57	--	3579.46
MW-17	10/15/03	3609.03	--	29.70	--	3579.33
MW-17	01/19/04	3609.03	--	29.88	--	3579.15
MW-17	04/19/04	3609.03	--	DRY	--	DRY
MW-17	07/20/04	3609.03	--	DRY	--	DRY
MW-17	10/25/04	3609.03	--	28.88	--	3580.15
MW-17	01/24/05	3609.03	--	27.57	--	3581.46
MW-17	04/18/05	3609.03	--	27.31	--	3581.72
MW-17	07/18/05	3609.03	--	27.35	--	3581.68
MW-17	10/17/05	3609.03	--	27.26	--	3581.77
MW-17	01/23/06	3609.03	--	27.45	--	3581.58
MW-17	04/24/06	3609.03	--	27.79	--	3581.24
MW-17	07/24/06	3609.03	--	28.11	--	3580.92
MW-17	10/23/06	3609.03	--	28.08	--	3580.95
MW-17	01/23/07	3609.03	--	28.17	--	3580.86
MW-17	04/23/07	3609.03	--	28.37	--	3580.66

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MW-17	07/23/07	3609.03	--	28.54	--	3580.49
MW-17	10/22/07	3609.03	--	28.66	--	3580.37
MW-17	01/28/08	3609.03	--	28.68	--	3580.35
MW-17	04/21/08	3609.03	--	28.87	--	3580.16
MW-17	07/21/08	3609.03	--	29.11	--	3579.92
MW-17	10/20/08	3609.03	--	29.33	--	3579.70
MW-17	01/19/09	3609.03	--	29.45	--	3579.58
MW-17	04/20/09	3609.03	--	29.70	--	3579.33
MW-17	07/27/09	3609.03	--	DRY	--	DRY
MW-17	10/26/09	3609.03	--	DRY	--	DRY
MW-17	01/25/10	3609.03	--	DRY	--	DRY
MW-17	04/26/10	3609.03	--	DRY	--	DRY
MW-17	07/26/10	3609.03	--	DRY	--	DRY
MW-17	10/10/11	3610.03	--	DRY	--	DRY
MW-17	05/30/12	3610.03	--	DRY	--	DRY
MW-17	02/27/13	3610.03	--	DRY	--	DRY
MW-17	07/23/13	3610.03	--	DRY	--	DRY
MW-17	03/25/14	3610.03	--	DRY	--	DRY
MW-17	07/29/14	3610.03	--	DRY	--	DRY
MW-17	03/10/15	3610.03	--	DRY	--	DRY
MW-17	07/27/15	3610.03	--	DRY	--	DRY
MW-17	03/21/16	3610.03	--	DRY	--	DRY
MW-17	09/22/16	3610.03	--	DRY	--	DRY
MW-18 (SVE-13)	03/01/01	3605.71	--	25.59	--	3580.12
MW-18 (SVE-13)	06/25/01	3605.71	--	25.85	--	3579.86
MW-18 (SVE-13)	09/25/01	3605.71	--	26.10	--	3579.61
MW-18 (SVE-13)	12/11/01	3605.71	--	26.33	--	3579.38
MW-18 (SVE-13)	05/21/02	3605.71	--	26.70	--	3579.01
MW-18 (SVE-13)	06/15/02	3605.71	--	26.75	--	3578.96
MW-18 (SVE-13)	06/16/02	3605.71	--	26.74	--	3578.97
MW-18 (SVE-13)	09/20/02	3605.34	--	27.54	--	3577.80
MW-18 (SVE-13)	10/15/02	3605.34	--	27.55	--	3577.79
MW-18 (SVE-13)	10/22/02	3605.34	--	27.55	--	3577.79
MW-18 (SVE-13)	10/25/02	3605.34	--	27.54	--	3577.80
MW-18 (SVE-13)	10/26/02	3605.34	--	27.55	--	3577.79
MW-18 (SVE-13)	11/05/02	3605.34	--	27.35	--	3577.99
MW-18 (SVE-13)	11/22/02	3605.34	--	27.38	--	3577.96
MW-18 (SVE-13)	01/22/03	3605.34	--	27.43	--	3577.91
MW-18 (SVE-13)	02/24/03	3605.34	--	27.46	--	3577.88
MW-18 (SVE-13)	04/07/03	3605.34	--	27.57	--	3577.77
MW-18 (SVE-13)	04/24/03	3605.34	--	27.58	--	3577.76
MW-18 (SVE-13)	07/15/03	3605.34	--	27.78	--	3577.56
MW-18 (SVE-13)	08/02/03	3605.34	--	27.83	--	3577.51
MW-18 (SVE-13)	09/11/03	3605.34	--	28.01	--	3577.33

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MW-18 (SVE-13)	10/15/03	3605.34	--	28.15	--	3577.19
MW-18 (SVE-13)	01/19/04	3605.34	--	28.42	--	3576.92
MW-18 (SVE-13)	04/19/04	3605.34	--	28.40	--	3576.94
MW-18 (SVE-13)	07/20/04	3605.34	--	28.38	--	3576.96
MW-18 (SVE-13)	10/25/04	3605.34	--	26.62	--	3578.72
MW-18 (SVE-13)	01/24/05	3605.34	--	25.37	--	3579.97
MW-18 (SVE-13)	04/18/05	3605.34	--	25.15	--	3580.19
MW-18 (SVE-13)	07/18/05	3605.34	--	25.36	--	3579.98
MW-18 (SVE-13)	10/17/05	3605.34	--	25.33	--	3580.01
MW-18 (SVE-13)	01/23/06	3605.34	--	25.59	--	3579.75
MW-18 (SVE-13)	04/24/06	3605.34	--	26.01	--	3579.33
MW-18 (SVE-13)	07/24/06	3605.34	--	26.41	--	3578.93
MW-18 (SVE-13)	10/23/06	3605.34	--	26.25	--	3579.09
MW-18 (SVE-13)	01/23/07	3605.34	--	26.32	--	3579.02
MW-18 (SVE-13)	04/23/07	3605.34	--	26.63	--	3578.71
MW-18 (SVE-13)	07/23/07	3605.34	--	26.73	--	3578.61
MW-18 (SVE-13)	10/22/07	3605.34	--	26.70	--	3578.64
MW-18 (SVE-13)	01/28/08	3605.34	--	26.81	--	3578.53
MW-18 (SVE-13)	04/21/08	3605.34	--	27.09	--	3578.25
MW-18 (SVE-13)	07/21/08	3605.34	--	27.45	--	3577.89
MW-18 (SVE-13)	10/20/08	3605.34	--	27.65	--	3577.69
MW-18 (SVE-13)	01/19/09	3605.34	--	27.75	--	3577.59
MW-18 (SVE-13)	04/20/09	3605.34	--	28.05	--	3577.29
MW-18 (SVE-13)	07/27/09	3605.34	--	28.36	--	3576.98
MW-18 (SVE-13)	10/26/09	3605.34	--	28.41	--	3576.93
MW-18 (SVE-13)	01/25/10	3605.34	--	28.65	--	3576.69
MW-18 (SVE-13)	04/26/10	3605.34	--	28.83	--	3576.51
MW-18 (SVE-13)	07/26/10	3605.34	--	28.56	--	3576.78
MW-18 (SVE-13)	10/25/10	3605.34	--	28.30	--	3577.04
MW-18 (SVE-13)	01/24/11	3605.34	--	27.21	--	3578.13
MW-18 (SVE-13)	04/18/11	3605.34	--	27.05	--	3578.29
MW-18 (SVE-13)	10/10/11	3605.34	--	29.60	--	3575.74
MW-18 (SVE-13)	05/30/12	3605.34	--	30.33	--	3575.01
MW-18 (SVE-13)	02/27/13	3605.34	--	30.95	--	3574.39
MW-18 (SVE-13)	07/23/13	3605.34	--	31.36	--	3573.98
MW-18 (SVE-13)	03/25/14	3605.34	--	31.79	--	3573.55
MW-18 (SVE-13)	07/29/14	3605.34	--	32.18	--	3573.16
MW-18 (SVE-13)	03/10/15	3605.34	--	31.81	--	3573.53
MW-18 (SVE-13)	07/27/15	3605.34	--	31.90	--	3573.44
MW-18 (SVE-13)	03/21/16	3605.34	--	31.35	--	3573.99
MW-18 (SVE-13)	09/22/16	3605.34	--	31.62	--	3573.72
MW-19	03/01/01	3606.69	--	27.20	--	3579.49
MW-19	06/25/01	3606.69	--	27.45	--	3579.24
MW-19	09/25/01	3606.69	--	27.71	--	3578.98

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MW-19	12/11/01	3606.69	--	27.93	--	3578.76
MW-19	05/21/02	3606.69	--	28.26	--	3578.43
MW-19	06/08/02	3606.69	--	28.30	--	3578.39
MW-19	06/15/02	3606.69	--	28.33	--	3578.36
MW-19	09/20/02	3606.69	--	28.54	--	3578.15
MW-19	10/15/02	3606.69	--	28.57	--	3578.12
MW-19	10/22/02	3606.69	--	28.57	--	3578.12
MW-19	10/25/02	3606.69	--	28.55	--	3578.14
MW-19	10/26/02	3606.69	--	28.58	--	3578.11
MW-19	11/04/02	3606.69	--	28.58	--	3578.11
MW-19	11/05/02	3606.69	--	28.56	--	3578.13
MW-19	11/22/02	3606.69	--	28.55	--	3578.14
MW-19	11/29/02	3606.69	--	28.54	--	3578.15
MW-19	12/16/02	3606.69	--	28.54	--	3578.15
MW-19	01/22/03	3606.69	--	28.48	--	3578.21
MW-19	02/08/03	3606.69	--	28.50	--	3578.19
MW-19	02/14/03	3606.69	--	28.51	--	3578.18
MW-19	02/24/03	3606.69	--	28.51	--	3578.18
MW-19	04/24/03	3606.69	--	28.62	--	3578.07
MW-19	07/15/03	3606.69	--	28.90	--	3577.79
MW-19	08/02/03	3606.69	--	28.93	--	3577.76
MW-19	09/11/03	3606.69	--	29.03	--	3577.66
MW-19	10/15/03	3606.69	--	29.18	--	3577.51
MW-19	01/19/04	3606.69	--	29.42	--	3577.27
MW-19	04/19/04	3606.69	--	29.40	--	3577.29
MW-19	07/20/04	3606.69	--	29.40	--	3577.29
MW-19	10/25/04	3606.69	--	27.19	--	3579.50
MW-19	01/24/05	3606.69	--	26.20	--	3580.49
MW-19	04/18/05	3606.69	--	26.11	--	3580.58
MW-19	07/18/05	3606.69	--	26.40	--	3580.29
MW-19	10/17/05	3606.69	--	26.41	--	3580.28
MW-19	01/23/06	3606.69	--	26.68	--	3580.01
MW-19	04/24/06	3606.69	--	27.09	--	3579.60
MW-19	07/24/06	3606.69	--	27.49	--	3579.20
MW-19	10/23/06	3606.69	--	27.37	--	3579.32
MW-19	01/23/07	3606.69	--	27.46	--	3579.23
MW-19	04/23/07	3606.69	--	27.76	--	3578.93
MW-19	07/23/07	3606.69	--	27.85	--	3578.84
MW-19	10/22/07	3606.69	--	27.83	--	3578.86
MW-19	01/28/08	3606.69	--	27.95	--	3578.74
MW-19	04/21/08	3606.69	--	28.23	--	3578.46
MW-19	07/21/08	3606.69	--	28.59	--	3578.10
MW-19	10/20/08	3606.69	--	28.80	--	3577.89
MW-19	01/19/09	3606.69	--	28.90	--	3577.79
MW-19	04/20/09	3606.69	--	29.18	--	3577.51

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-19	07/27/09	3606.69	--	29.47	--	3577.22
MW-19	10/26/09	3606.69	--	29.52	--	3577.17
MW-19	01/25/10	3606.69	--	29.75	--	3576.94
MW-19	04/26/10	3606.69	--	29.90	--	3576.79
MW-19	07/26/10	3606.69	--	29.62	--	3577.07
MW-19	10/25/10	3606.69	--	29.39	--	3577.30
MW-19	01/24/11	3606.69	--	29.80	--	3576.89
MW-19	04/18/11	3606.69	--	30.11	--	3576.58
MW-19	10/10/11	3606.69	--	30.63	--	3576.06
MW-19	05/30/12	3606.69	--	34.12	--	3572.57
MW-19	02/27/13	3606.69	--	31.95	--	3574.74
MW-19	07/23/13	3606.69	--	32.35	--	3574.34
MW-19	03/25/14	3606.69	--	DRY	--	DRY
MW-19	07/29/14	3606.69	--	DRY	--	DRY
MW-19	03/10/15	3606.69	--	DRY	--	DRY
MW-19	07/27/15	3606.69	--	DRY	--	DRY
MW-19	03/21/16	3606.69	--	32.50	--	3574.19
MW-19	09/22/16	3606.69	--	DRY	--	DRY
MW-20	03/01/01	3606.25	--	30.24	--	3576.01
MW-20	06/08/01	3606.25	--	31.26	--	3574.99
MW-20	06/25/01	3606.25	--	31.45	--	3574.80
MW-20	09/25/01	3606.25	--	31.67	--	3574.58
MW-20	12/11/01	3606.25	--	30.84	--	3575.41
MW-20	05/21/02	3606.25	--	31.21	--	3575.04
MW-20	06/08/02	3606.25	--	31.26	--	3574.99
MW-20	06/13/02	3606.25	--	31.28	--	3574.97
MW-20	06/15/02	3606.25	--	31.28	--	3574.97
MW-20	09/20/02	3606.25	--	31.46	--	3574.79
MW-20	10/15/02	3606.25	--	31.52	--	3574.73
MW-20	10/22/02	3606.25	--	31.53	--	3574.72
MW-20	10/25/02	3606.25	--	31.52	--	3574.73
MW-20	10/26/02	3606.25	--	31.54	--	3574.71
MW-20	11/04/02	3606.25	--	31.56	--	3574.69
MW-20	11/05/02	3606.25	--	31.56	--	3574.69
MW-20	11/22/02	3606.25	--	31.59	--	3574.66
MW-20	11/29/02	3606.25	--	31.56	--	3574.69
MW-20	12/16/02	3606.25	--	31.65	--	3574.60
MW-20	01/22/03	3606.25	--	31.60	--	3574.65
MW-20	02/08/03	3606.25	--	31.65	--	3574.60
MW-20	02/14/03	3606.25	--	31.64	--	3574.61
MW-20	02/24/03	3606.25	--	31.64	--	3574.61
MW-20	04/07/03	3606.25	--	31.75	--	3574.50
MW-20	04/24/03	3606.25	--	31.76	--	3574.49
MW-20	07/15/03	3606.25	--	31.90	--	3574.35

Historical Groundwater Elevation Data
Phillips 66 Company
East Hobbs Junction
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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-20	08/02/03	3606.25	--	31.95	--	3574.30
MW-20	09/11/03	3606.25	--	32.04	--	3574.21
MW-20	10/15/03	3606.25	--	32.17	--	3574.08
MW-20	01/19/04	3606.25	--	32.35	--	3573.90
MW-20	04/19/04	3606.25	--	32.46	--	3573.79
MW-20	07/20/04	3606.25	--	32.59	--	3573.66
MW-20	10/25/04	3606.25	--	31.22	--	3575.03
MW-20	01/24/05	3606.25	--	29.97	--	3576.28
MW-20	04/18/05	3606.25	--	29.78	--	3576.47
MW-20	07/18/05	3606.25	--	29.85	--	3576.40
MW-20	10/17/05	3606.25	--	29.75	--	3576.50
MW-20	01/23/06	3606.25	--	29.95	--	3576.30
MW-20	04/24/06	3606.25	--	30.28	--	3575.97
MW-20	07/24/06	3606.25	--	30.59	--	3575.66
MW-20	10/23/06	3606.25	--	30.55	--	3575.70
MW-20	01/23/07	3606.25	--	30.68	--	3575.57
MW-20	04/23/07	3606.25	--	30.89	--	3575.36
MW-20	07/23/07	3606.25	--	31.08	--	3575.17
MW-20	10/22/07	3606.25	--	31.16	--	3575.09
MW-20	01/28/08	3606.50	--	31.21	--	3575.29
MW-20	04/21/08	3606.50	--	31.38	--	3575.12
MW-20	07/21/08	3606.50	--	31.62	--	3574.88
MW-20	10/20/08	3606.50	--	31.82	--	3574.68
MW-20	01/19/09	3606.50	--	32.00	--	3574.50
MW-20	04/20/09	3606.50	--	32.22	--	3574.28
MW-20	07/27/09	3606.50	--	32.45	--	3574.05
MW-20	10/26/09	3606.50	--	32.63	--	3573.87
MW-20	01/25/10	3606.50	--	32.79	--	3573.71
MW-20	04/26/10	3606.50	--	32.98	--	3573.52
MW-20	07/26/10	3606.50	--	32.67	--	3573.83
MW-20	10/25/10	3606.50	--	32.69	--	3573.81
MW-20	01/24/11	3606.50	--	32.92	--	3573.58
MW-20	04/18/11	3606.50	--	33.18	--	3573.32
MW-20	10/10/11	3606.50	--	33.55	--	3572.95
MW-20	05/30/12	3606.50	--	34.12	--	3572.38
MW-20	02/27/13	3606.50	--	34.78	--	3571.72
MW-20	07/23/13	3606.50	--	35.11	--	3571.39
MW-20	03/25/14	3606.50	--	35.61	--	3570.89
MW-20	07/29/14	3606.50	--	35.89	--	3570.61
MW-20	03/10/15	3606.50	--	DRY	--	DRY
MW-20	07/27/15	3606.50	--	DRY	--	DRY
MW-20	03/21/16	3606.50	--	35.72	--	3570.78
MW-20	09/22/16	3606.50	--	DRY	--	DRY
MW-21	06/08/02	3603.51	--	24.62	--	3578.89

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-21	06/13/02	3603.51	--	24.61	--	3578.90
MW-21	06/15/02	3603.51	--	24.63	--	3578.88
MW-21	09/20/02	3603.51	--	24.81	--	3578.70
MW-21	10/15/02	3603.51	--	24.86	--	3578.65
MW-21	10/22/02	3603.51	--	24.88	--	3578.63
MW-21	10/25/02	3603.51	--	24.92	--	3578.59
MW-21	10/26/02	3603.51	--	24.92	--	3578.59
MW-21	11/04/02	3603.51	--	24.93	--	3578.58
MW-21	11/05/02	3603.51	--	24.90	--	3578.61
MW-21	11/22/02	3603.51	--	24.87	--	3578.64
MW-21	11/29/02	3603.51	--	24.90	--	3578.61
MW-21	12/16/02	3603.51	--	24.95	--	3578.56
MW-21	01/22/03	3603.51	--	24.88	--	3578.63
MW-21	02/08/03	3603.51	--	24.89	--	3578.62
MW-21	02/14/03	3603.51	--	24.89	--	3578.62
MW-21	02/24/03	3603.51	--	24.90	--	3578.61
MW-21	04/07/03	3603.51	--	25.00	--	3578.51
MW-21	04/24/03	3603.51	--	25.01	--	3578.50
MW-21	07/15/03	3603.51	--	25.20	--	3578.31
MW-21	08/02/03	3603.51	--	25.28	--	3578.23
MW-21	09/11/03	3603.51	--	25.35	--	3578.16
MW-21	10/15/03	3603.51	--	25.48	--	3578.03
MW-21	01/19/04	3603.51	--	25.68	--	3577.83
MW-21	04/19/04	3603.51	--	25.68	--	3577.83
MW-21	07/20/04	3603.51	--	25.81	--	3577.70
MW-21	10/25/04	3603.51	--	23.56	--	3579.95
MW-21	01/24/05	3603.51	--	22.70	--	3580.81
MW-21	04/18/05	3603.51	--	22.64	--	3580.87
MW-21	07/18/05	3603.51	--	22.88	--	3580.63
MW-21	10/17/05	3603.51	--	22.88	--	3580.63
MW-21	01/23/06	3603.51	--	23.13	--	3580.38
MW-21	04/24/06	3603.51	--	23.49	--	3580.02
MW-21	07/24/06	3603.51	--	23.86	--	3579.65
MW-21	10/23/06	3603.51	--	23.82	--	3579.69
MW-21	01/23/07	3603.51	--	23.92	--	3579.59
MW-21	04/23/07	3603.51	--	24.15	--	3579.36
MW-21	07/23/07	3603.51	--	24.32	--	3579.19
MW-21	10/22/07	3603.51	--	24.35	--	3579.16
MW-21	01/28/08	3603.51	--	24.45	--	3579.06
MW-21	04/21/08	3603.51	--	24.65	--	3578.86
MW-21	07/21/08	3603.51	--	24.95	--	3578.56
MW-21	10/20/08	3603.51	--	25.17	--	3578.34
MW-21	01/19/09	3603.51	--	25.29	--	3578.22
MW-21	04/20/09	3603.51	--	25.50	--	3578.01
MW-21	07/27/09	3603.51	--	25.79	--	3577.72

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-21	10/26/09	3603.51	--	25.91	--	3577.60
MW-21	01/25/10	3603.51	--	26.10	--	3577.41
MW-21	04/26/10	3603.51	--	26.26	--	3577.25
MW-21	07/26/10	3603.51	--	25.89	--	3577.62
MW-21	10/25/10	3603.51	--	25.81	--	3577.70
MW-21	01/24/11	3603.51	--	25.16	--	3578.35
MW-21	04/18/11	3603.51	--	26.45	--	3577.06
MW-21	10/10/11	3603.51	--	26.90	--	3576.61
MW-21	05/30/12	3603.51	--	27.52	--	3575.99
MW-21	02/27/13	3603.51	--	28.13	--	3575.38
MW-21	07/23/13	3603.51	--	28.49	--	3575.02
MW-21	03/25/14	3603.51	--	28.95	--	3574.56
MW-21	07/29/14	3603.51	--	29.24	--	3574.27
MW-21	03/10/15	3603.51	--	29.13	--	3574.38
MW-21	07/27/15	3603.51	--	29.36	--	3574.15
MW-21	03/21/16	3603.51	--	28.90	--	3574.61
MW-21	09/22/16	3603.51	28.84	28.85	0.01	3574.67
MW-22	06/08/02	3603.27	--	24.20	--	3579.07
MW-22	06/13/02	3603.27	--	24.41	--	3578.86
MW-22	06/15/02	3603.27	--	24.44	--	3578.83
MW-22	09/20/02	3603.27	--	24.59	--	3578.68
MW-22	10/15/02	3603.27	--	24.69	--	3578.58
MW-22	10/22/02	3603.27	--	24.67	--	3578.60
MW-22	10/25/02	3603.27	--	24.66	--	3578.61
MW-22	10/26/02	3603.27	--	24.70	--	3578.57
MW-22	11/04/02	3603.27	--	24.63	--	3578.64
MW-22	11/05/02	3603.27	--	24.55	--	3578.72
MW-22	11/22/02	3603.27	--	24.55	--	3578.72
MW-22	11/29/02	3603.27	--	24.51	--	3578.76
MW-22	12/16/02	3603.27	--	24.50	--	3578.77
MW-22	01/22/03	3603.27	--	24.40	--	3578.87
MW-22	02/08/03	3603.27	--	24.44	--	3578.83
MW-22	02/14/03	3603.27	--	24.45	--	3578.82
MW-22	02/24/03	3603.27	--	24.50	--	3578.77
MW-22	04/07/03	3603.27	--	24.67	--	3578.60
MW-22	04/24/03	3603.27	--	24.67	--	3578.60
MW-22	07/15/03	3603.27	--	25.00	--	3578.27
MW-22	08/02/03	3603.27	--	25.09	--	3578.18
MW-22	09/11/03	3603.27	--	25.16	--	3578.11
MW-22	10/15/03	3603.27	--	25.30	--	3577.97
MW-22	01/19/04	3603.27	--	25.60	--	3577.67
MW-22	04/19/04	3603.27	--	25.59	--	3577.68
MW-22	07/20/04	3603.27	--	25.35	--	3577.92
MW-22	10/25/04	3603.27	--	23.79	--	3579.48

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Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-22	01/24/05	3603.27	--	22.25	--	3581.02
MW-22	04/18/05	3603.27	--	21.95	--	3581.32
MW-22	07/18/05	3603.27	--	22.25	--	3581.02
MW-22	10/17/05	3603.27	--	22.17	--	3581.10
MW-22	01/23/06	3603.27	--	22.49	--	3580.78
MW-22	04/24/06	3603.27	--	22.99	--	3580.28
MW-22	07/24/06	3603.27	--	23.42	--	3579.85
MW-22	10/23/06	3603.27	--	23.09	--	3580.18
MW-22	01/23/07	3603.27	--	23.17	--	3580.10
MW-22	04/23/07	3603.27	--	23.56	--	3579.71
MW-22	07/23/07	3603.27	--	23.57	--	3579.70
MW-22	10/22/07	3603.27	--	23.58	--	3579.69
MW-22	01/28/08	3603.27	--	23.63	--	3579.64
MW-22	04/21/08	3603.27	--	24.01	--	3579.26
MW-22	07/21/08	3603.27	--	24.46	--	3578.81
MW-22	10/20/08	3603.27	--	24.65	--	3578.62
MW-22	01/19/09	3603.27	--	24.73	--	3578.54
MW-22	04/20/09	3603.27	--	25.08	--	3578.19
MW-22	07/27/09	3603.27	--	25.42	--	3577.85
MW-22	10/26/09	3603.27	--	25.40	--	3577.87
MW-22	01/25/10	3603.27	--	25.68	--	3577.59
MW-22	04/26/10	3603.27	--	25.84	--	3577.43
MW-22	07/26/10	3603.27	--	25.61	--	3577.66
MW-22	10/25/10	3603.27	--	25.20	--	3578.07
MW-22	01/24/11	3603.27	--	25.72	--	3577.55
MW-22	04/18/11	3603.27	--	26.10	--	3577.17
MW-22	10/10/11	3603.27	--	26.75	--	3576.52
MW-22	05/30/12	3603.27	--	27.59	--	3575.68
MW-22	02/27/13	3603.27	--	DRY	--	DRY
MW-22	07/23/13	3603.27	--	28.63	--	3574.64
MW-22	03/25/14	3603.27	--	29.03	--	3574.24
MW-22	07/29/14	3603.27	--	29.51	--	3573.76
MW-22	03/10/15	3603.27	--	28.84	--	3574.43
MW-22	07/27/15	3603.27	--	28.80	--	3574.47
MW-22	03/21/16	3603.27	--	28.20	--	3575.07
MW-22	09/22/16	3603.27	--	28.75	--	3574.52
MW-23	06/08/02	3604.62	--	25.15	--	3579.47
MW-23	06/13/02	3604.62	--	25.13	--	3579.49
MW-23	06/15/02	3604.62	--	25.15	--	3579.47
MW-23	09/20/02	3604.62	--	25.30	--	3579.32
MW-23	10/15/02	3604.62	--	25.40	--	3579.22
MW-23	10/22/02	3604.62	--	25.38	--	3579.24
MW-23	10/25/02	3604.62	--	25.40	--	3579.22
MW-23	10/26/02	3604.62	--	25.39	--	3579.23

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

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MW-23	11/04/02	3604.62	--	25.40	--	3579.22
MW-23	11/05/02	3604.62	--	25.40	--	3579.22
MW-23	11/22/02	3604.62	--	25.41	--	3579.21
MW-23	11/29/02	3604.62	--	25.34	--	3579.28
MW-23	12/16/02	3604.62	--	25.15	--	3579.47
MW-23	01/22/03	3604.62	--	25.15	--	3579.47
MW-23	02/08/03	3604.62	--	25.17	--	3579.45
MW-23	02/14/03	3604.62	--	25.26	--	3579.36
MW-23	02/24/03	3604.62	--	25.40	--	3579.22
MW-23	04/07/03	3604.62	--	25.45	--	3579.17
MW-23	04/24/03	3604.62	--	25.48	--	3579.14
MW-23	07/15/03	3604.62	--	25.70	--	3578.92
MW-23	08/02/03	3604.62	--	25.77	--	3578.85
MW-23	09/11/03	3604.62	--	25.85	--	3578.77
MW-23	10/15/03	3604.62	--	26.02	--	3578.60
MW-23	01/19/04	3604.62	--	26.31	--	3578.31
MW-23	04/19/04	3604.62	--	26.34	--	3578.28
MW-23	07/20/04	3604.62	--	26.17	--	3578.45
MW-23	10/25/04	3604.62	--	24.56	--	3580.06
MW-23	01/24/05	3604.62	--	23.25	--	3581.37
MW-23	04/18/05	3604.62	--	22.85	--	3581.77
MW-23	07/18/05	3604.62	--	23.04	--	3581.58
MW-23	10/17/05	3604.62	--	22.97	--	3581.65
MW-23	01/23/06	3604.62	--	23.22	--	3581.40
MW-23	04/24/06	3604.62	--	23.69	--	3580.93
MW-23	07/24/06	3604.62	--	24.12	--	3580.50
MW-23	10/23/06	3604.62	--	23.85	--	3580.77
MW-23	01/23/07	3604.62	--	23.86	--	3580.76
MW-23	04/23/07	3604.62	--	24.24	--	3580.38
MW-23	07/23/07	3604.62	--	24.28	--	3580.34
MW-23	10/22/07	3604.62	--	24.26	--	3580.36
MW-23	01/28/08	3604.62	--	24.34	--	3580.28
MW-23	04/21/08	3604.62	--	24.66	--	3579.96
MW-23	07/21/08	3604.62	--	25.09	--	3579.53
MW-23	10/20/08	3604.62	--	25.32	--	3579.30
MW-23	01/19/09	3604.62	--	25.40	--	3579.22
MW-23	04/20/09	3604.62	--	25.70	--	3578.92
MW-23	07/27/09	3604.62	--	26.07	--	3578.55
MW-23	10/26/09	3604.62	--	26.10	--	3578.52
MW-23	01/25/10	3604.62	--	26.39	--	3578.23
MW-23	04/26/10	3604.62	--	26.59	--	3578.03
MW-23	07/26/10	3604.62	--	26.37	--	3578.25
MW-23	10/25/10	3604.62	--	26.01	--	3578.61
MW-23	01/24/11	3604.62	--	26.45	--	3578.17
MW-23	04/18/11	3604.62	--	26.82	--	3577.80

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-23	10/10/11	3604.62	--	27.45	--	3577.17
MW-23	05/30/12	3604.62	--	28.29	--	3576.33
MW-23	02/27/13	3604.62	--	28.93	--	3575.69
MW-23	07/23/13	3604.62	--	29.38	--	3575.24
MW-23	03/25/14	3604.62	--	29.83	--	3574.79
MW-23	07/29/14	3604.62	--	30.20	--	3574.42
MW-23	03/10/15	3604.62	--	29.66	--	3574.96
MW-23	07/27/15	3604.62	--	29.70	--	3574.92
MW-23	03/21/16	3604.62	--	29.06	--	3575.56
MW-23	09/22/16	3604.62	--	29.53	--	3575.09
MW-24	01/25/10	3608.89	--	30.11	--	3578.78
MW-24	04/26/10	3608.89	--	30.29	--	3578.60
MW-24	07/26/10	3608.89	--	30.08	--	3578.81
MW-24	10/25/10	3608.89	--	29.96	--	3578.93
MW-24	01/24/11	3608.89	--	30.24	--	3578.65
MW-24	04/18/11	3608.89	--	30.51	--	3578.38
MW-24	10/10/11	3608.89	--	30.92	--	3577.97
MW-24	05/30/12	3608.89	--	31.59	--	3577.30
MW-24	02/27/13	3608.89	--	32.23	--	3576.66
MW-24	07/23/13	3608.89	--	32.59	--	3576.30
MW-24	03/25/14	3608.89	--	33.12	--	3575.77
MW-24	07/29/14	3608.89	--	33.43	--	3575.46
MW-24	03/10/15	3608.89	--	33.35	--	3575.54
MW-24	07/27/15	3608.89	--	33.46	--	3575.43
MW-24	03/21/16	3608.89	--	33.10	--	3575.79
MW-24	09/22/16	3608.89	--	33.12	--	3575.77
MW-25	01/25/10	3609.81	--	31.00	--	3578.81
MW-25	04/26/10	3609.81	--	31.19	--	3578.62
MW-25	07/26/10	3609.81	--	30.96	--	3578.85
MW-25	10/25/10	3609.81	--	30.87	--	3578.94
MW-25	01/24/11	3609.81	--	31.14	--	3578.67
MW-25	04/18/11	3609.81	--	31.40	--	3578.41
MW-25	10/10/11	3609.81	--	31.79	--	3578.02
MW-25	05/30/12	3609.81	--	32.43	--	3577.38
MW-25	02/27/13	3609.81	--	33.09	--	3576.72
MW-25	07/23/13	3609.81	--	33.42	--	3576.39
MW-25	03/25/14	3609.81	--	33.94	--	3575.87
MW-25	07/29/14	3609.81	--	34.25	--	3575.56
MW-25	03/10/15	3609.81	--	34.20	--	3575.61
MW-25	07/27/15	3609.81	--	34.30	--	3575.51
MW-25	03/21/16	3609.81	--	33.96	--	3575.85
MW-25	09/22/16	3609.81	--	34.00	--	3575.81

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
MW-26	01/25/10	3604.86	--	26.54	--	3578.32
MW-26	04/26/10	3604.86	--	26.71	--	3578.15
MW-26	07/26/10	3604.86	--	26.50	--	3578.36
MW-26	10/25/10	3604.86	--	26.19	--	3578.67
MW-26	01/24/11	3604.86	--	26.61	--	3578.25
MW-26	04/18/11	3604.86	--	26.94	--	3577.92
MW-26	10/10/11	3604.86	--	27.51	--	3577.35
MW-26	05/30/12	3604.86	--	28.32	--	3576.54
MW-26	02/27/13	3604.86	--	29.01	--	3575.85
MW-26	07/23/13	3604.86	--	29.43	--	3575.43
MW-26	03/25/14	3604.86	--	29.90	--	3574.96
MW-26	07/29/14	3604.86	--	30.31	--	3574.55
MW-26	03/10/15	3604.86	--	29.85	--	3575.01
MW-26	07/27/15	3604.86	--	29.90	--	3574.96
MW-26	03/21/16	3604.86	--	29.30	--	3575.56
MW-26	09/22/16	3604.86	--	29.60	--	3575.26
MW-27	01/25/10	3604.99	--	26.70	--	3578.29
MW-27	04/26/10	3604.99	--	26.87	--	3578.12
MW-27	07/26/10	3604.99	--	26.66	--	3578.33
MW-27	10/25/10	3604.99	--	26.35	--	3578.64
MW-27	01/24/11	3604.99	--	26.77	--	3578.22
MW-27	04/18/11	3604.99	--	27.10	--	3577.89
MW-27	10/10/11	3604.99	--	27.67	--	3577.32
MW-27	05/30/12	3604.99	--	28.46	--	3576.53
MW-27	02/27/13	3604.99	--	29.11	--	3575.88
MW-27	07/23/13	3604.99	--	29.55	--	3575.44
MW-27	03/25/14	3604.99	--	30.02	--	3574.97
MW-27	07/29/14	3604.99	--	30.40	--	3574.59
MW-27	03/10/15	3604.99	--	29.97	--	3575.02
MW-27	07/27/15	3604.99	--	30.01	--	3574.98
MW-27	03/21/16	3604.99	--	29.45	--	3575.54
MW-27	09/22/16	3604.99	--	30.74	--	3574.25
SVE-10	06/15/02	3605.12	--	25.24	--	3579.88
SVE-10	11/04/02	3605.12	--	25.43	--	3579.69
SVE-10	11/05/02	3605.12	--	25.44	--	3579.68
SVE-10	11/22/02	3605.12	--	25.58	--	3579.54
SVE-10	11/29/02	3605.12	--	25.63	--	3579.49
SVE-10	12/16/02	3605.12	--	25.68	--	3579.44
SVE-10	01/22/03	3605.12	--	25.70	--	3579.42
SVE-10	02/08/03	3605.12	--	25.73	--	3579.39
SVE-10	02/14/03	3605.12	--	25.70	--	3579.42
SVE-10	02/24/03	3605.12	--	25.73	--	3579.39
SVE-10	04/07/03	3605.12	--	25.93	--	3579.19

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*
SVE-10	04/24/03	3605.12	--	25.84	--	3579.28
SVE-10	07/15/03	3605.12	--	25.86	--	3579.26
SVE-10	08/02/03	3605.12	--	25.93	--	3579.19
SVE-10	10/15/03	3605.12	--	25.94	--	3579.18
SVE-10	01/19/04	3605.12	--	26.79	--	3578.33
SVE-10	04/19/04	3605.12	--	26.62	--	3578.50
SVE-10	07/20/04	3605.12	--	26.86	--	3578.26
SVE-10	10/25/04	3605.12	--	25.22	--	3579.90
SVE-10	01/24/05	3605.12	--	24.01	--	3581.11
SVE-10	04/18/05	3605.12	--	23.79	--	3581.33
SVE-10	07/18/05	3605.12	--	23.91	--	3581.21
SVE-10	10/17/05	3605.12	--	23.89	--	3581.23
SVE-10	01/23/06	3605.12	--	24.11	--	3581.01
SVE-10	04/24/06	3605.12	--	24.50	--	3580.62
SVE-10	07/24/06	3605.12	--	24.87	--	3580.25
SVE-10	10/23/06	3605.12	--	24.76	--	3580.36
SVE-10	01/23/07	3605.12	--	24.84	--	3580.28
SVE-10	04/23/07	3605.12	--	25.11	--	3580.01
SVE-10	07/23/07	3605.12	--	25.24	--	3579.88
SVE-10	10/22/07	3605.12	--	25.27	--	3579.85
SVE-10	01/28/08	3605.12	--	25.34	--	3579.78
SVE-10	04/21/08	3605.12	--	25.56	--	3579.56
SVE-10	07/21/08	3605.12	--	25.87	--	3579.25
SVE-10	10/20/08	3605.12	--	26.10	--	3579.02
SVE-10	01/19/09	3605.12	--	26.20	--	3578.92
SVE-10	04/20/09	3605.12	--	26.44	--	3578.68
SVE-10	07/27/09	3605.12	--	26.70	--	3578.42
SVE-10	10/26/09	3605.12	--	26.83	--	3578.29
SVE-10	01/25/10	3605.12	--	27.10	--	3578.02
SVE-10	04/26/10	3605.12	--	27.26	--	3577.86
SVE-10	07/26/10	3605.12	--	27.03	--	3578.09
SVE-10	10/25/10	3605.12	--	26.82	--	3578.30
SVE-10	01/24/11	3605.12	--	27.19	--	3577.93
SVE-10	04/18/11	3605.12	--	27.47	--	3577.65
SVE-10	10/10/11	3605.12	--	27.95	--	3577.17
SVE-10	05/30/12	3605.12	--	28.47	--	3576.65
SVE-10	02/27/13	3605.12	--	DRY	--	DRY
SVE-10	07/23/13	3605.12	--	DRY	--	DRY
SVE-10	03/25/14	3605.12	--	DRY	--	DRY
SVE-10	07/29/14	3605.12	--	28.47	--	3576.65
SVE-10	03/10/15	3605.12	--	DRY	--	DRY
SVE-10	07/27/15	3605.12	--	28.60	--	3576.52
SVE-10	03/21/16	3605.12	--	28.50	--	3576.62
SVE-10	09/22/16	3605.12	--	30.32	--	3574.80

Table 2

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

Monitoring Well ID	*Sample Date*	*Casing Elevation (ft-amsl)*	*Depth to LNAPL (ft-btoc)*	*Depth to Water (ft-btoc)*	*LNAPL Thickness (ft)*	*Corrected Groundwater Elevation (ft-amsl)*

Notes:
1. ft-amsl = feet - above mean sea level
2. LNAPL = Light Non-Aqueous Phase Liquid
3. ft-btoc = feet below top of casing
4. ft = feet
5. -- = not detected
5. DRY = well dry upon gauging
6. Corrected Groundwater Elevation = Top of Casing - (Depth To Water - (0.78 x LNAPL Thickness))

2016 Groundwater Anaytical 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-3	03/22/16	**0.161**	0.182	<0.005	0.0795	2.9	5.5
MW-4	09/22/16	<0.001	<0.001	<0.001	<0.003	0.024J	0.46
MW-6	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.71
MW-6	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.54
MW-8	03/22/16	<0.001	<0.001	<0.001	<0.003	0.57	7.0
MW-8	09/22/16	0.000074J	<0.001	0.00019J	<0.003	0.25J	2.6
MW-10	03/22/16	**4.160**	<0.050	<0.050	<0.150	14.4 J	4.8
MW-10	09/22/16	0.00078J	<0.001	0.00019J	<0.003	0.20J	1.1
MW-12	03/22/16	0.004	<0.001	<0.001	<0.003	0.56	<0.45
MW-12	09/22/16	0.0017	<0.001	<0.001	<0.003	0.29J	0.82J
MW-13	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.30J
MW-14	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-14	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.25J
MW-16	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-18	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.050	0.52
MW-18	09/22/16	0.0003J	<0.001	<0.001	<0.003	0.24J	0.35J
MW-18 Duplicate	09/22/16	0.00029J	<0.001	<0.001	<0.003	.25J	0.51
MW-22	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22 Duplicate	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-25	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-25	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.27J
MW-25 Duplicate	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26 Duplicate	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

2016 Groundwater Anaytical 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-26	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

Notes:
mg/L = milligrams per liter
ne = not established
< = Analyte was detected below the laboratory detection limit
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-GRO = Total Petroleum Hydrocarbons - Diesel Range Organics
NMWQCC = New Mexico Water Quality Control Commission
Shaded/bolded values exceed their respective NMWQCC Standard for Ground Water.
J Value = Laboratory Detection Limit < Analyte Result < Laboratory Reporting Limit

Table 4

Historical Groundwater Anaytical 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-2	07/29/09	**15.0**	**2.0**	0.640	**1.54**	62.0	10.0
MW-2	10/28/09	**9.80**	**0.82**	0.420	**0.93**	36.0	2.6
MW-2	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
MW-3	04/24/08	**13.0**	0.540	0.660	**1.44**	120	13
MW-3	07/25/08	**10.0**	0.130	0.460	**0.85**	59	22
MW-3	10/22/08	**15.0**	0.270	0.490	**1.10**	NA	2.3
MW-3	07/29/09	**9.20**	0.080	0.330	**0.70**	33	3.7
MW-3	10/28/09	**6.40**	0.026	0.270	0.59	22	3.9
MW-3	01/27/10	**7.70**	0.022	0.310	0.38	48	2.6
MW-3	04/28/10	**6.30**	0.053	0.350	**0.71**	26	8.0
MW-3	05/31/12	**2.54**	<0.025	0.158	0.307	13	18.1
MW-3	03/12/15	**0.247**	<0.001	0.129	0.0299	2.2	66.2
MW-3 Duplicate	03/12/15	**0.331**	0.0011	0.142	0.0539	3.1	57.0
MW-3	07/29/15	**0.431**	0.217	<0.005	0.243	6.9	20.9
MW-3 Duplicate	07/29/15	**0.525**	0.28	<0.005	0.403	10.1	3.0
MW-3	03/22/16	**0.161**	0.182	<0.005	0.0795	2.9	5.5
MW-4	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.002	<0.002
MW-4	04/06/00	**0.019**	0.001	0.001	0.003	<0.001	<0.001
MW-4	08/02/00	0.002	<0.5	<0.5	<0.002	<0.98	<0.98
MW-4	11/15/00	**0.024**	0.001	0.001	<0.002	0.52	<0.50
MW-4	03/06/01	**0.110**	0.002	0.009	0.016	1.7	<0.55
MW-4	06/25/01	**0.066**	0.001	0.001	<0.002	0.83	<0.59
MW-4	09/26/01	**0.080**	0.001	0.004	0.006	0.55	<0.50
MW-4	12/12/01	**0.039**	0.002	<0.0010	<0.0010	0.369	<0.101
MW-4	05/21/02	**0.078**	0.008	0.002	0.006	0.567	<0.103
MW-4	10/16/02	**0.045**	<0.001	0.003	0.005	0.177	<0.102
MW-4	01/23/03	**0.268**	0.160	0.008	0.089	1.58	0.141
MW-4	04/25/03	**0.589**	0.372	0.016	0.114	2.4	0.159
MW-4	07/14/03	**0.055**	0.046	0.005	0.011	0.405	<0.10
MW-4	10/17/03	0.007	0.003	<0.001	<0.003	<0.10	0.59
MW-4	01/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-4	04/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-4	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-4	10/28/04	0.002	<0.001	<0.001	<0.003	<0.10	0.19
MW-4	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.19
MW-4	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-4	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.31
MW-4	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.093
MW-4	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.23
MW-4	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
MW-4	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.34
MW-4	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
MW-4	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
MW-4	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.058
MW-4	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.26
MW-4	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.051
MW-4	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-4	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-4	07/24/08	<0.001	0.001	<0.001	<0.001	<0.10	<0.10
MW-4	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-4	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.062
MW-4	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.17
MW-4	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.072
MW-4	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-4	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-4	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-4	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-4	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-4	09/22/16	<0.001	<0.001	<0.001	<0.003	0.024J	0.46

Table 4

Historical Groundwater Anaytical 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-5	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.0020	<0.0020
MW-5	04/06/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-5	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.99	<0.99
MW-5	11/15/00	0.001	0.001	<0.5	<0.002	0.26	0.92
MW-5	03/06/01	0.008	0.007	0.001	<0.002	0.66	<0.54
MW-5	06/25/01	**0.019**	0.026	0.002	<0.002	0.87	<0.53
MW-5	09/26/01	**0.085**	0.046	0.003	0.018	0.76	<0.50
MW-5	12/12/01	**0.164**	0.106	0.007	0.050	1.42	<0.101
MW-5	05/21/02	**0.146**	0.119	0.011	0.032	1.23	<0.101
MW-5	10/16/02	**0.273**	0.179	<0.010	0.042	1.60	0.188
MW-5	01/23/03	**1.98**	**1.48**	0.068	0.594	10	0.548
MW-5	04/25/03	**1.19**	**0.863**	0.058	0.318	6.37	0.256
MW-5	07/14/03	**0.119**	0.123	0.013	0.042	0.842	<0.10
MW-5	10/17/03	**0.022**	0.022	0.003	0.010	<0.10	0.99
MW-5	01/22/04	**0.032**	0.012	0.001	<0.003	0.16	<0.048
MW-5	04/22/04	**0.020**	0.023	0.002	0.004	0.32	<0.20
MW-5 Duplicate	04/22/04	**0.021**	0.027	0.002	0.006	0.37	<0.20
MW-5	07/23/04	**0.011**	0.010	0.001	<0.003	0.13	<0.048
MW-5	10/28/04	**0.028**	0.029	0.002	0.008	0.20	0.077
MW-5	01/26/05	0.009	0.009	0.002	0.005	<0.10	0.069
MW-5 Duplicate	01/26/05	0.009	0.009	0.002	0.005	<0.10	0.098
MW-5	04/20/05	**0.079**	0.036	<0.001	0.043	0.42	0.064
MW-5	07/20/05	0.005	0.004	<0.001	<0.003	<0.10	0.083
MW-5	10/19/05	**0.014**	0.010	<0.001	0.011	<0.10	0.089
MW-5	01/25/06	0.002	0.003	<0.001	<0.003	<0.10	0.53
MW-5	04/26/06	<0.001	0.001	<0.001	<0.003	<0.10	0.11
MW-5	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.19
MW-5	10/25/06	<0.001	0.001	<0.001	<0.003	<0.10	0.08
MW-5	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
MW-5	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.23
MW-5	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.34
MW-5	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
MW-5	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
MW-5	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-5	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-5	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	2.4
MW-5	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-5	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-5	07/29/09	0.007	0.006	<0.001	0.049	0.29	0.34
MW-5	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.065
MW-5	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.15
MW-5	04/27/10	<0.001	0.001	<0.001	<0.001	<0.10	0.078
MW-5	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-5	10/26/10	<0.001	<0.001	<0.001	0.004	<0.10	<0.05
MW-5	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-5	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-5	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-5	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-5	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-5 Duplicate	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50

Table 4

Historical Groundwater Anaytical 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-6	01/13/00	**3.30**	**2.00**	0.240	0.580	<0.002	<0.002
MW-6	04/06/00	**3.90**	**1.10**	0.270	0.540	<0.001	<0.001
MW-6	07/20/05	**2.00**	**0.92**	0.340	**0.870**	12	3.0
MW-6	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
MW-6	07/27/06	**1.90**	0.25	0.28	0.38	11	22
MW-6	10/26/06	**1.60**	**0.81**	0.36	**0.69**	14	15
MW-6	01/26/07	**1.10**	0.75	0.28	0.50	14	29
MW-6	04/26/07	**1.50**	**1.20**	0.31	**0.66**	15	6.7
MW-6	07/25/07	**0.69**	0.36	0.17	0.25	6.6	4.6
MW-6	10/25/07	**0.55**	0.39	0.15	0.18	4.5	4.4
MW-6 Duplicate	10/25/07	**0.93**	**0.84**	0.22	0.38	8.5	21.0
MW-6	01/31/08	**1.20**	**1.20**	0.31	0.52	11	8.9
MW-6 Duplicate	01/31/08	**1.20**	**1.10**	0.30	0.55	12	9.1
MW-6	04/24/08	**1.50**	**1.50**	0.41	**0.84**	20	13
MW-6	07/25/08	**0.72**	0.69	0.25	0.41	8.4	17
MW-6	10/22/08	**0.55**	0.30	0.24	0.261	NA	0.56
MW-6	01/21/09	**0.35**	0.27	0.20	0.247	4.2	4.1
MW-6	04/22/09	**0.34**	0.28	0.18	0.275	11	5.8
MW-6	07/29/09	**0.18**	0.21	0.18	0.247	4.2	2.2
MW-6	10/28/09	**0.20**	0.13	0.29	0.31	6.9	5.1
MW-6	01/27/10	**0.098**	0.050	0.18	0.164	4.2	3
MW-6	04/28/10	**0.047**	0.017	0.12	0.071	2.7	0.72
MW-6	07/28/10	**0.040**	0.014	0.18	0.102	3.1	2.9
MW-6	10/27/10	**0.020**	0.003	0.13	0.022	2.8	1.0
MW-6	01/26/11	**0.027**	0.003	0.13	0.009	2.4	12
MW-6	10/13/11	0.003	<0.001	0.039	<0.003	<0.5	1.4
MW-6	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.5	1.5
MW-6	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	0.76
MW-6	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	3.5
MW-6	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	1.2
MW-6	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-6	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	4.0
MW-6	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	2.2
MW-6	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.71
MW-6	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.54
MW-7	05/31/12	**9.75**	<0.1	0.635	**1.64**	988.0	37.8
MW-7	02/28/13	**6.49**	<0.10	0.333	0.326	24.6	21.4
MW-7	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
MW-8	04/06/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-8	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.94	<0.94
MW-8	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.001	0.86
MW-8	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.001	<0.54
MW-8	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
MW-8	12/12/01	**0.593**	0.018	0.009	0.048	1.56	0.107
MW-8	05/21/02	**0.912**	0.057	0.050	0.092	2.90	<0.101
MW-8	10/16/02	NA	NA	NA	NA	NA	0.269
MW-8	01/22/03	**2.52**	0.406	0.252	0.398	10.5	1.73
MW-8	01/31/08	**2.30**	0.270	0.340	**0.890**	30	130
MW-8	05/31/12	**4.61**	<0.1	0.152	<0.3	7	165
MW-8	02/28/13	**1.92**	0.0227	0.0746	0.0819	8.7	8
MW-8	07/29/13	**1.30**	<0.01	0.0609	<0.03	5.5	9.6
MW-8	03/26/14	**1.88**	<0.01	0.0612	<0.03	8.9	<0.50
MW-8	07/30/14	**0.955**	0.0514	<0.01	<0.03	2.7	<0.50
MW-8	03/11/15	**0.0249**	<0.001	0.0066	<0.003	2.4	2.3
MW-8 Duplicate	03/11/15	**0.0179**	<0.001	0.0050	<0.003	1.9	9.8
MW-8	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	1.5
MW-8	03/22/16	<0.001	<0.001	<0.001	<0.003	0.57	7.0
MW-8	09/22/16	0.000074J	<0.001	0.00019J	<0.003	0.25J	2.6
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
MW-10	04/06/00	**0.40**	0.053	0.066	0.098	<0.001	<0.001
MW-10	08/02/00	**0.22**	0.012	0.027	0.055	<1.10	<1.10
MW-10	05/31/12	**7.43**	<0.1	<0.1	<0.3	<50	20
MW-10	02/28/13	**3.18**	<0.05	<0.05	<0.15	8.6	3.1
MW-10	07/29/13	**3.63**	<0.02	0.0385	0.0601	11.6	2.0
MW-10	03/12/15	**7.57**	<0.020	0.128	<0.060	21.1	2.0
MW-10	03/22/16	**4.160**	<0.050	<0.050	<0.150	14.4 J	4.8
MW-10	09/22/16	0.00078J	<0.001	0.00019J	<0.003	0.20J	1.1

Table 4

Historical Groundwater Anaytical 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-11	04/06/00	**4.10**	**2.40**	0.29	0.420	1.60	1.60
MW-11	08/02/00	**3.90**	**2.10**	0.26	0.510	2.50	2.50
MW-11	11/15/00	**4.80**	**2.50**	0.22	0.350	30	<0.53
MW-11	03/06/01	**5.30**	**3.40**	0.34	0.580	41	0.59
MW-11	06/25/01	**5.10**	**3.70**	0.34	<0.040	49	0.87
MW-11	04/24/08	**7.40**	0.360	0.68	**1.80**	34	28
MW-11	07/25/08	**7.60**	0.460	**0.99**	**2.45**	36	20
MW-11	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
MW-11	07/29/09	**5.90**	0.080	**0.77**	**2.02**	39	7.1
MW-11	10/28/09	**5.20**	0.043	**0.88**	**2.41**	29	8.6
MW-11	01/27/10	**5.60**	0.076	**0.97**	**2.48**	67	10
MW-11	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
MW-12	08/02/00	**2.90**	0.022	0.097	0.160	<0.97	<0.97
MW-12	11/15/00	**4.10**	0.087	0.170	0.220	21	1.40
MW-12	03/06/01	**4.30**	0.120	0.210	0.290	24	<0.56
MW-12	06/25/01	**4.10**	0.120	0.220	<0.040	30	1.10
MW-12	09/26/01	**3.30**	0.120	0.150	0.200	19	0.85
MW-12	12/12/01	**3.52**	0.290	0.258	0.376	18.5	0.285
MW-12	05/21/02	**4.04**	0.265	0.195	0.284	16.4	0.104
MW-12	10/16/02	NA	NA	NA	NA	NA	0.351
MW-12	01/23/03	**3.61**	0.346	0.261	0.437	20.1	0.442
MW-12	04/25/03	**3.51**	0.202	0.078	0.437	13.2	0.594
MW-12	07/14/03	**3.90**	0.316	0.357	0.575	17.1	0.598
MW-12	10/20/03	**1.90**	0.030	0.130	0.220	6.40	0.23
MW-12	01/21/04	**2.70**	0.130	0.300	0.450	12	0.25
MW-12	04/21/04	**2.90**	<0.010	0.095	0.150	11	<0.20
MW-12	07/23/04	**3.20**	<0.010	0.066	0.160	12	0.33
MW-12 Duplicate	07/23/04	**3.30**	<0.010	0.071	0.160	12	0.33
MW-12	10/28/04	**3.20**	0.016	0.046	0.140	14	0.52
MW-12	01/27/05	**4.00**	<0.020	0.066	0.130	15	1.20
MW-12 Duplicate	01/27/05	**3.90**	<0.020	0.067	0.130	15	1.30
MW-12	04/21/05	**2.70**	0.041	0.120	0.140	12	1.20
MW-12 Duplicate	04/21/05	**2.60**	0.038	0.110	0.140	12	1.00
MW-12	07/21/05	**3.00**	0.051	0.160	0.170	13	0.85
MW-12 Duplicate	07/21/05	**2.80**	0.054	0.150	0.160	13	0.73
MW-12	10/20/05	**2.30**	<0.001	0.095	0.170	15	1.0
MW-12 Duplicate	10/20/05	**2.10**	0.021	0.100	0.160	13	0.95
MW-12	01/26/06	**2.80**	<0.001	0.059	0.140	14	0.89
MW-12 Duplicate	01/26/06	**2.90**	0.013	0.160	0.150	14	0.43
MW-12	04/27/06	**2.70**	<0.001	0.130	0.120	12	0.84
MW-12 Duplicate	04/27/06	**2.90**	<0.001	0.120	0.130	13	1.00
MW-12	07/27/06	**3.60**	<0.001	0.150	0.160	15	1.00
MW-12 Duplicate	07/27/06	**3.70**	<0.001	0.150	0.160	15	1.30
MW-12	10/26/06	**3.40**	<0.001	0.120	0.170	13	0.64
MW-12 Duplicate	10/26/06	**3.40**	<0.001	0.190	0.180	14	0.92
MW-12	01/26/07	**3.00**	<0.001	0.160	0.160	14	1.00
MW-12 Duplicate	01/26/07	**3.20**	<0.001	0.150	0.170	15	1.30
MW-12	04/26/07	**3.20**	<0.001	0.230	0.200	14	0.58
MW-12 Duplicate	04/26/07	**3.10**	<0.001	0.200	0.200	14	0.60
MW-12	07/25/07	**3.00**	<0.001	0.110	0.140	14	0.86
MW-12 Duplicate	07/25/07	**3.50**	0.004	0.210	0.220	15	1.7
MW-12	10/25/07	**2.70**	<0.001	0.096	0.140	12	0.60
MW-12 Duplicate	10/25/07	**2.90**	<0.001	0.180	0.180	14	0.95
MW-12	01/31/08	**2.80**	<0.001	0.200	0.180	12	0.63
MW-12 Duplicate	01/31/08	**3.10**	<0.001	0.280	0.255	13	0.67
MW-12	04/24/08	**3.40**	<0.010	0.240	0.225	15	<0.10
MW-12 Duplicate	04/24/08	**2.90**	<0.010	0.220	0.201	13	0.75
MW-12	07/25/08	**2.70**	<0.0025	0.130	0.100	8.9	0.53
MW-12 Duplicate	07/25/08	**2.50**	<0.0025	0.120	0.090	8.7	0.47
MW-12	10/22/08	**5.00**	0.007	0.350	0.300	NA	0.52
MW-12 Duplicate	10/22/08	**4.60**	0.007	0.340	0.287	NA	0.41
MW-12	01/21/09	**3.50**	<0.010	0.220	0.193	14	0.48
MW-12 Duplicate	01/21/09	**3.00**	<0.0020	0.240	0.180	14	0.47
MW-12	04/22/09	**3.60**	0.002	0.190	0.181	11	0.15
MW-12 Duplicate	04/22/09	**3.90**	0.001	0.230	0.221	14	0.28
MW-12	07/29/09	**4.10**	0.002	0.180	0.206	16	0.37
MW-12 Duplicate	07/29/09	**4.30**	0.002	0.200	0.220	17	0.28
MW-12	10/28/09	**4.50**	0.002	0.180	0.209	17	0.42
MW-12 Duplicate	10/28/09	**4.30**	0.003	0.210	0.260	18	0.47
MW-12	01/27/10	**4.50**	0.002	0.170	0.174	18	0.45
MW-12 Duplicate	01/27/10	**4.20**	0.002	0.140	0.176	16	0.46
MW-12	04/28/10	**4.40**	<0.010	0.140	0.190	15	0.47
MW-12 Duplicate	04/28/10	**4.40**	<0.010	0.150	0.200	15	0.46
MW-12	07/28/10	**5.50**	<0.005	0.120	0.180	19	0.56
MW-12 Duplicate	07/28/10	**5.50**	<0.025	0.140	0.190	20	0.52
MW-12	10/27/10	**5.30**	<0.010	0.140	0.190	16	0.48
MW-12 Duplicate	10/27/10	**4.90**	<0.010	0.150	0.210	15	0.56
MW-12	01/26/11	**4.00**	<0.010	0.140	0.160	14	1.0
MW-12 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
MW-12	05/31/12	**9.48**	<0.1	0.149	0.365	15	0.56
MW-12	02/28/13	**9.10**	<0.10	<0.10	<0.30	33.0	0.58
MW-12	07/29/13	**4.51**	<0.01	0.010	0.163	18.0	<0.50
MW-12	03/26/14	**3.67**	<0.025	<0.025	<0.075	14.0	<0.50
MW-12	07/30/14	**2.6**	<0.025	<0.025	<0.075	6.7	0.54
MW-12	03/11/15	**1.24**	<0.025	<0.025	<0.075	5.3	1.1
MW-12	07/29/15	**0.229**	<0.005	<0.005	<0.015	1.2	0.83
MW-12	03/22/16	0.004	<0.001	<0.001	<0.003	0.56	<0.45
MW-12	09/22/16	0.0017	<0.001	<0.001	<0.003	0.29J	0.82J

Table 4

Historical Groundwater Anaytical 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-13	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-13	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.99	<0.99
MW-13	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	1.10
MW-13	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	0.50
MW-13	06/25/01	**0.480**	0.001	<0.5	<0.002	2	<0.53
MW-13	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.51
MW-13	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
MW-13	10/16/02	NA	NA	NA	NA	NA	<0.102
MW-13	01/22/03	<1	<1	<1	<1	<0.10	<0.105
MW-13	04/24/03	<1	<1	<1	<1	<0.10	<0.105
MW-13	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.112
MW-13	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.26
MW-13	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-13	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
MW-13	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
MW-13	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.077
MW-13	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.120
MW-13	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-13	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.096
MW-13	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.086
MW-13	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-13	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-13	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-13	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-13	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.05
MW-13	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
MW-13	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-13	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-13	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13 Duplicate	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-13	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-13	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.30J
MW-14	06/02/00	**0.370**	0.005	0.002	0.011	<0.001	<0.001
MW-14	08/02/00	**0.760**	0.002	0.003	0.013	<0.001	<0.001
MW-14	11/15/00	**0.840**	0.001	<0.5	0.011	2.6	1.5
MW-14	03/06/01	**0.730**	<0.0025	<0.0025	0.011	2.8	<0.56
MW-14	06/25/01	**0.340**	0.001	<0.5	<0.002	1.4	NS
MW-14	09/26/01	**0.370**	<0.001	<0.001	<4.0	0.96	<0.50
MW-14	12/12/01	**0.393**	<0.010	<0.010	<0.010	0.89	0.148
MW-14	05/21/02	**0.042**	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-14	10/16/02	**0.228**	<0.0010	<0.0010	<0.0010	0.629	0.206
MW-14	01/23/03	**0.130**	<0.0010	<0.0010	<0.0010	0.375	0.108
MW-14	04/25/03	**0.025**	<0.0010	<0.0010	<0.0010	0.10	0.104
MW-14	07/14/03	**0.057**	<0.001	<0.001	<0.001	0.264	0.215
MW-14	10/20/03	<0.001	<0.001	<0.001	<0.003	0.11	0.14
MW-14	01/21/04	**0.034**	<0.001	<0.001	<0.003	0.18	0.12
MW-14	04/21/04	0.005	<0.001	<0.001	<0.003	<0.10	<0.20
MW-14	07/22/04	0.004	<0.001	<0.001	<0.003	<0.10	0.059
MW-14	10/28/04	0.002	<0.001	<0.001	<0.003	<0.10	<0.048
MW-14	01/26/05	0.006	<0.001	<0.001	<0.003	<0.10	<0.048
MW-14	04/20/05	0.004	<0.001	<0.001	<0.003	<0.10	0.086
MW-14	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.058
MW-14	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
MW-14	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
MW-14	04/27/06	<0.001	<0.001	0.001	<0.003	<0.10	0.055
MW-14	07/27/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.077
MW-14	10/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-14	01/25/07	<0.001	<0.001	<0.001	<0.003	0.11	0.18
MW-14	04/26/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.13
MW-14	07/25/07	<0.001	<0.001	<0.001	<0.003	0.10	0.20
MW-14	10/25/07	<0.001	<0.001	<0.001	<0.003	0.12	0.098
MW-14	01/30/08	<0.001	<0.001	<0.001	<0.003	0.11	0.12
MW-14	04/23/08	0.001	<0.001	<0.001	<0.001	0.10	0.64
MW-14	07/24/08	0.001	<0.001	<0.001	<0.001	<0.10	0.11
MW-14	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.1
MW-14	01/21/09	0.001	<0.001	<0.001	<0.001	<0.10	0.086
MW-14	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
MW-14	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.075
MW-14	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.068
MW-14	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.14
MW-14	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.13
MW-14	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.076
MW-14	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-14	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-14	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-14	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-14	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-14	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-14	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.25J

Table 4

Historical Groundwater Anaytical 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-15	06/02/00	**0.83**	**0.77**	0.130	0.170	2.1	2.1
MW-15	08/02/00	**0.33**	0.25	0.042	0.052	2.8	2.8
MW-15	11/15/00	**2.00**	**2.00**	0.470	**0.650**	29	3.0
MW-15	07/20/05	**0.014**	<0.001	0.008	<0.003	1.1	15
MW-15	10/19/05	0.003	<0.001	0.005	<0.003	0.70	7.8
MW-15	01/25/06	0.005	0.010	<0.001	<0.003	0.89	23
MW-15	04/26/06	0.004	0.010	0.006	<0.003	0.87	30
MW-15	07/26/06	<0.001	<0.001	0.003	<0.003	0.45	9.3
MW-15	10/25/06	<0.001	<0.001	4.7 F	<0.003	0.43	8.0
MW-15	01/25/07	<0.001	<0.001	<0.001	<0.003	0.32	7.0
MW-15	04/25/07	<0.001	<0.001	0.004	<0.003	0.43	3.6
MW-15	07/24/07	0.005	<0.001	0.005	<0.003	0.22	3.3
MW-15	10/24/07	<0.001	<0.001	0.003	<0.003	0.26	3.9
MW-15	01/30/08	0.002	<0.001	<0.001	<0.003	0.55	5.7
MW-15	04/23/08	0.001	<0.001	<0.001	0.001	0.43	11,000
MW-15	07/24/08	<0.010	<0.010	<0.010	<0.010	<0.001	0.37
MW-15	10/21/08	<0.001	0.002	<0.001	0.004	NA	2.6
MW-15	01/21/09	<0.001	<0.001	<0.001	0.001	0.38	14
MW-15	04/21/09	<0.001	<0.001	<0.001	0.001	0.20	27
MW-15	07/28/09	<0.001	<0.001	<0.001	<0.001	0.30	7.3
MW-15	10/27/09	<0.001	<0.001	<0.001	<0.001	0.16	8.5
MW-15	01/26/10	<0.001	<0.001	<0.001	<0.001	0.15	3
MW-15	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	4.3
MW-15	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	1.9
MW-15	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.48
MW-15	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	3.5
MW-15	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-15	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
MW-16	08/02/00	<0.5	<0.5	0.013	<0.002	<0.001	<0.001
MW-16	11/15/00	<0.5	0.001	0.004	<0.002	0.20	<0.50
MW-16	03/06/01	<0.5	0.001	0.008	<0.002	0.31	<0.56
MW-16	06/25/01	<0.5	<0.5	<0.5	<0.002	0.30	<0.56
MW-16	09/26/01	<0.5	0.001	<0.5	<0.002	0.19	<0.50
MW-16	12/12/01	0.002	<0.0010	<0.0010	<0.0010	0.132	0.248
MW-16	05/21/02	0.001	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-16	10/15/02	NA	NA	NA	NA	NA	NA
MW-16	01/22/03	0.001	<1	<1	<1	<0.10	0.124
MW-16	04/24/03	<1	<1	<1	<1	<0.10	0.124
MW-16	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.276
MW-16	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.98
MW-16	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-16	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
MW-16	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.08
MW-16	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
MW-16	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.050
MW-16	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.084
MW-16	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.063
MW-16	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.12
MW-16	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.12
MW-16	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-16	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-16	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-16	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
MW-16	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-16	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.25
MW-16	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-16	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-16	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-16	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.072
MW-16	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.055
MW-16	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.25
MW-16	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-16	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
MW-16	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-16	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-16	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-16	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-16	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-16	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

Table 4

Historical Groundwater Anaytical 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-17	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-17	08/02/00	0.006	<0.5	0.009	<0.002	<0.97	<0.97
MW-17	11/15/00	0.004	0.002	0.005	0.002	0.65	5.6
MW-17	03/06/01	0.007	0.002	0.039	0.014	0.98	<0.54
MW-17	06/25/01	0.001	<0.5	0.001	<0.002	0.44	NS
MW-17	09/26/01	0.001	0.002	0.001	<0.002	0.49	<0.50
MW-17	12/12/01	0.008	<0.0010	0.050	0.040	1.12	1.82
MW-17	05/21/02	0.004	<0.0010	0.002	<0.0010	0.423	0.834
MW-17	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	0.105	NA
MW-17	01/22/03	<1	<1	<1	<1	<0.001	0.124
MW-17	04/24/03	<1	<1	<1	<1	<0.001	0.124
MW-17	07/14/03	<0.0010	<1	<1	<1	<0.001	0.126
MW-17	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-17	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-17	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.072
MW-17	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
MW-17	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.068
MW-17	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.056
MW-17	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
MW-17	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.480
MW-17	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.230
MW-17	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
MW-17	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.08
MW-17	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
MW-17	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.25
MW-17	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.31
MW-17	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.33
MW-17	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
MW-18	08/02/00	**0.78**	<0.5	0.150	0.046	<0.99	<0.99
MW-18	11/15/00	**0.85**	0.001	0.093	0.050	4.60	1.10
MW-18	03/06/01	**0.84**	<0.0025	0.160	0.065	8.70	<0.55
MW-18	06/25/01	**0.66**	0.003	0.150	<0.002	1.0	0.59
MW-18	09/26/01	**0.50**	<0.005	0.093	0.039	4.4	<0.51
MW-18	12/12/01	**0.529**	<0.010	0.127	0.054	4.05	0.261
MW-18	05/21/02	**0.483**	<0.0010	0.105	0.052	4.48	<0.101
MW-18	10/16/02	NA	NA	NA	NA	NA	0.174
MW-18	01/23/03	**0.121**	<1	0.011	0.016	1.86	<0.10
MW-18	04/25/03	**0.591**	<1	0.135	0.061	4.08	0.183
MW-18	07/14/03	**0.589**	<0.010	0.219	0.101	6.39	0.438
MW-18	10/20/03	**0.30**	0.002	<0.001	<0.003	1.90	0.13
MW-18	01/21/04	**0.26**	<0.001	0.130	0.073	4.30	0.11
MW-18	04/21/04	**0.36**	<0.001	0.069	0.055	3.0	<0.20
MW-18	07/22/04	**0.52**	<0.001	0.110	0.070	4.0	0.15
MW-18	10/28/04	**0.30**	<0.001	0.009	0.019	1.6	0.12
MW-18	01/26/05	**0.31**	<0.001	0.014	0.024	1.8	0.15
MW-18	04/20/05	**0.55**	<0.001	0.049	0.031	2.7	0.15
MW-18	07/21/05	<0.001	<0.001	<0.001	<0.003	3.5	0.11
MW-18	10/20/05	**0.82**	0.008	0.049	0.037	3.7	0.18
MW-18	01/26/06	**0.89**	0.033	0.037	0.046	3.9	0.12
MW-18	04/27/06	**1.60**	0.054	0.071	0.083	6.1	0.14
MW-18	07/27/06	**2.40**	0.140	0.086	0.110	8.7	0.54
MW-18	10/26/06	**2.60**	0.100	0.200	0.400	8.9	0.19
MW-18	01/26/07	**2.70**	<0.001	0.110	0.096	9.3	0.27
MW-18	04/26/07	**3.00**	<0.001	0.230	0.200	9.2	0.30
MW-18	07/25/07	**2.70**	<0.001	0.096	0.087	9.6	0.42
MW-18	10/25/07	**2.60**	<0.001	0.081	0.083	7.9	0.29
MW-18	01/30/08	**3.50**	<0.001	0.078	0.051	7	0.29
MW-18	04/24/08	**3.10**	<0.010	0.080	0.059	8.6	0.31
MW-18	07/24/08	**4.80**	<0.005	0.058	0.039	10	0.22
MW-18	10/22/08	**5.20**	0.002	0.140	0.108	NA	0.25
MW-18	01/21/09	**3.90**	<0.025	0.100	0.064	11	0.24
MW-18	04/22/09	**4.40**	<0.001	0.120	0.118	12	0.19
MW-18	07/29/09	**5.00**	<0.001	0.140	0.142	15	0.26
MW-18	10/28/09	**4.50**	<0.001	0.120	0.125	12	0.29
MW-18	01/27/10	**5.00**	<0.001	0.130	0.152	15	0.3
MW-18	04/28/10	**4.30**	<0.010	0.170	0.209	13	0.37
MW-18	07/28/10	**5.60**	<0.020	0.130	0.203	17	0.54
MW-18	10/27/10	**5.90**	<0.005	0.180	0.210	15	0.39
MW-18	01/26/11	**4.10**	<0.05	0.110	0.154	13	0.73
MW-18	10/13/11	**6.07**	<0.05	0.117	0.198	24	<0.5
MW-18	05/31/12	**5.32**	<0.05	<0.05	0.150	7	0.54
MW-18	02/28/13	**2.47**	<0.05	<0.05	<0.15	6.9	<0.50
MW-18	07/29/13	**1.01**	<0.001	<0.001	<0.003	2.7	<0.50
MW-18	03/26/14	**0.68**	<0.001	<0.001	<0.003	2.2	0.59
MW-18	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	0.69
MW-18	07/29/15	<0.001	<0.001	<0.001	<0.003	0.53	0.75
MW-18	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.050	0.52
MW-18	09/22/16	0.0003J	<0.001	<0.001	<0.003	0.24J	0.35J
MW-18 Duplicate	09/22/16	0.00029J	<0.001	<0.001	<0.003	.25J	0.51

Table 4

Historical Groundwater Anaytical 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-19	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-19	08/02/00	0.002	0.006	<0.5	0.011	<0.001	<0.001
MW-19	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	<0.51
MW-19	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.55
MW-19	06/25/01	<0.5	0.001	<0.5	<0.002	<0.10	<0.56
MW-19	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.54
MW-19	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-19	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	0.106	<0.101
MW-19	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-19	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-19	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-19	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	<0.10
MW-19	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.17
MW-19	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-19	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-19	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.048
MW-19	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.084
MW-19	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	07/27/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
MW-19	10/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.059
MW-19	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.061
MW-19	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-19	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-19	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-19	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-19	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-19	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-19	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.098
MW-19	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.067
MW-19	01/26/11	<0.001	<0.001	<.1.0	<0.001	<0.10	<0.22
MW-19	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-19	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-19	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-19	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
MW-20	08/02/00	0.004	0.004	0.004	0.013	<0.001	<0.001
MW-20	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	1.20
MW-20	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	0.55
MW-20	06/25/01	<0.5	0.001	<0.5	<0.002	<0.10	<0.56
MW-20	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.52
MW-20	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-20	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-20	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	NA
MW-20	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-20	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-20	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.10
MW-20	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.63
MW-20	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-20	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	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
MW-20	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.067
MW-20	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.061
MW-20	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.075
MW-20	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-20	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-20	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-20	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-20	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.19
MW-20	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-20	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.067
MW-20	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.092
MW-20	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.07
MW-20	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.056
MW-20	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.074
MW-20	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
MW-20	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-20	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-20	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-20	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-20	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-20	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-20	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50

Table 4

Historical Groundwater Anaytical 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-21	06/13/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-21	10/15/02	NA	NA	NA	NA	NA	<0.105
MW-21	01/22/03	<1	<1	<1	<1	<0.10	<0.116
MW-21	04/24/03	<1	<1	<1	<1	<0.10	<0.116
MW-21	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.14
MW-21	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.75
MW-21	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-21	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-21	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-21	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	0.090
MW-21	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-21	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.25
MW-21	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-21	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
MW-21	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-21	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.074
MW-21	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-21	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
MW-21	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.18
MW-21	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-21	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
MW-21	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-21	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-21	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-21	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-21	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.14
MW-21	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
MW-21	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-21	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-21	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-21	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-21	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-21	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
MW-22	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
MW-22	10/15/02	<0.001	<0.001	<0.001	<0.001	<0.10	<0.102
MW-22	01/22/03	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
MW-22	04/24/03	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
MW-22	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	<0.10
MW-22	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.35
MW-22	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-22	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	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
MW-22	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.094
MW-22	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
MW-22	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.081
MW-22	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.068
MW-22	04/26/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
MW-22	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.13
MW-22	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-22	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-22	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-22	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-22	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-22	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.061
MW-22	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-22	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-22	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-22	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-22	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-22	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22 Duplicate	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

Table 4

Historical Groundwater Anaytical 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-23	06/13/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-23	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	0.353
MW-23	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-23	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-23	07/14/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-23	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
MW-23	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-23	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	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
MW-23	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.089
MW-23	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
MW-23	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.099
MW-23	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.055
MW-23	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.097
MW-23	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.052
MW-23	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.098
MW-23	10/24/07	0.002	<0.001	0.001	<0.003	<0.10	<0.050
MW-23	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-23	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-23	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-23	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-23	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.24
MW-23	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
MW-23	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-23	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-23	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-23	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-23	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-23	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-23	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	07/22/04	**0.400**	0.036	0.037	0.035	2.2	0.45
MW-24	10/27/04	**0.048**	0.005	0.011	<0.003	0.65	0.33
MW-24	01/26/05	**0.080**	<0.001	0.017	0.012	0.65	0.32
MW-24	04/20/05	**0.150**	<0.001	0.038	0.014	2.2	0.53
MW-24	07/20/05	**0.065**	0.004	0.023	0.005	0.55	0.51
MW-24	10/19/05	**0.140**	<0.001	0.060	0.021	1.9	0.38
MW-24 Duplicate	10/19/05	**0.110**	<0.001	0.031	0.011	1.2	0.43
MW-24	01/25/06	**0.093**	0.002	0.035	0.011	1.3	0.54
MW-24 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
MW-24 Duplicate	04/26/06	**0.200**	0.024	0.065	0.024	2.6	0.42
MW-24	07/26/06	**0.100**	0.039	0.068	0.026	1.4	0.58
MW-24 Duplicate	07/26/06	**0.110**	0.043	0.072	0.027	1.4	0.55
MW-24	10/25/06	**0.045**	0.019	0.041	0.017	1.2	0.22
MW-24 Duplicate	10/25/06	**0.046**	0.020	0.040	0.017	1.2	0.26
MW-24	01/25/07	**0.019**	0.007	0.034	0.012	0.68	0.34
MW-24 Duplicate	01/25/07	**0.021**	0.008	0.035	0.012	0.92	0.34
MW-24	04/25/07	0.006	0.002	0.016	0.003	0.22	0.35
MW-24 Duplicate	04/25/07	0.002	<0.001	0.007	<0.003	0.19	0.30
MW-24	07/24/07	0.006	0.002	0.017	0.003	8.0	0.26
MW-24 Duplicate	07/24/07	0.005	0.001	0.015	0.003	0.34	0.21
MW-24	10/24/07	<0.001	<0.001	0.003	<0.003	0.26	3.9
MW-24	01/30/08	0.002	<0.001	0.007	0.001	0.21	0.16
MW-24	04/23/08	0.001	<0.001	0.008	0.001	0.21	0.27
MW-24 Duplicate	04/23/08	0.003	0.003	0.033	0.007	0.63	0.26
MW-24	07/24/08	0.003	0.003	0.019	0.005	0.29	0.32
MW-24 Duplicate	07/24/08	0.005	0.005	0.036	0.009	0.54	0.27
MW-24	10/21/08	<0.001	0.001	0.002	<0.001	NA	0.26
MW-24 Duplicate	10/21/08	0.004	0.013	0.038	0.010	NA	0.34
MW-24	01/21/09	0.002	0.007	0.016	0.006	0.79	0.48
MW-24 Duplicate	01/21/09	<0.001	0.002	0.003	0.002	1.1	0.45
MW-24	04/21/09	0.002	0.015	0.036	0.016	1.3	0.38
MW-24 Duplicate	04/21/09	0.002	0.004	0.016	0.005	0.46	0.34
MW-24	07/28/09	<0.001	0.004	0.007	0.003	0.86	0.44
MW-24 Duplicate	07/28/09	0.001	0.004	0.015	0.004	0.86	0.52
MW-24	10/28/09	<0.001	<0.001	0.007	0.002	0.81	0.53
MW-24 Duplicate	10/28/09	<0.001	<0.001	0.014	0.002	0.76	0.47
MW-24	01/26/10	0.001	<0.001	0.008	<0.001	0.73	0.42
MW-24 Duplicate	01/26/10	0.001	<0.001	0.008	<0.001	0.67	0.4
MW-24	04/27/10	0.003	<0.001	0.006	<0.001	0.51	0.44
MW-24 Duplicate	04/27/10	0.004	<0.001	0.006	<0.001	0.52	0.75
MW-24	07/27/10	0.003	<0.001	0.008	<0.001	0.37	0.30
MW-24 Duplicate	07/27/10	0.001	<0.001	0.001	<0.001	0.26	0.33
MW-24	10/26/10	0.002	<0.001	0.004	<0.001	0.22	0.20
MW-24 Duplicate	10/26/10	0.002	<0.001	0.005	<0.001	0.21	0.24
MW-24	01/25/11	<0.001	<0.001	<0.001	<0.001	0.15	0.41
MW-24 Duplicate	01/25/11	0.002	<0.001	0.005	<0.001	0.19	0.31
MW-24	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
MW-24	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	1.1
MW-24	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-24	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	0.50
MW-24	07/30/14	<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
MW-24	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-24	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

Table 4

Historical Groundwater Anaytical 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-25	07/22/04	0.006	<0.001	0.028	0.025	0.71	0.094
MW-25	10/27/04	0.007	<0.001	0.036	0.010	0.63	0.35
MW-25	01/26/05	0.003	<0.001	0.025	0.009	0.28	0.29
MW-25	04/20/05	0.007	0.004	0.055	0.016	0.60	0.23
MW-25	07/19/05	0.004	0.002	0.030	0.010	0.48	0.25
MW-25	10/19/05	0.002	<0.001	0.014	0.003	0.28	0.68
MW-25	01/25/06	0.003	<0.001	0.019	0.004	0.34	0.70
MW-25	04/26/06	0.004	<0.001	0.027	0.003	0.42	0.85
MW-25	07/26/06	0.003	<0.001	0.012	<0.003	0.21	1.20
MW-25	10/25/06	<0.001	<0.001	0.002	<0.003	0.13	0.40
MW-25	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.52
MW-25	04/25/07	<0.001	<0.001	0.001	<0.003	<0.10	0.43
MW-25	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.36
MW-25	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.39
MW-25	01/30/08	<0.001	<0.001	<0.001	<0.003	0.12	0.39
MW-25	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.41
MW-25	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.20
MW-25	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	0.14
MW-25	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
MW-25	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.079
MW-25	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
MW-25	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.34
MW-25	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
MW-25	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.34
MW-25	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-25	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.11
MW-25	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
MW-25	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-25	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-25	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-25	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-25	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-25	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-25	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-25	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-25	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-25	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.27J
MW-25 Duplicate	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-26	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
MW-26	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.066
MW-26	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
MW-26	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.35
MW-26	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.30
MW-26	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.98
MW-26	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.65
MW-26	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.092
MW-26	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.89
MW-26	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.39
MW-26	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
MW-26	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-26	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.29
MW-26	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.053
MW-26	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.71
MW-26	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.051
MW-26	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.078
MW-26	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-26	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-26	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-26	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26 Duplicate	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26 Duplicate	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

Table 4

Historical Groundwater Anaytical 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-27	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.095
MW-27	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-27 Duplicate	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-27	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-27	01/25/06	0.007	<0.001	<0.001	<0.003	<0.10	0.16
MW-27 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
MW-27	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-27	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.47
MW-27	01/25/07	0.001	<0.001	<0.001	<0.003	<0.10	0.12
MW-27	04/25/07	**0.030**	0.003	0.002	<0.003	<0.10	0.62
MW-27	07/25/07	0.002	<0.001	<0.001	<0.003	<0.10	0.94
MW-27	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.22
MW-27	01/30/08	0.006	<0.001	<0.001	<0.003	<0.10	<0.10
MW-27	04/23/08	**0.037**	0.008	0.002	0.002	0.14	<0.10
MW-27	07/24/08	**0.140**	0.033	0.006	0.011	0.57	0.20
MW-27	10/22/08	**0.013**	0.001	<0.001	<0.001	NA	0.07
MW-27	01/21/09	**0.170**	0.009	0.002	0.008	0.48	<0.05
MW-27	04/22/09	**0.120**	0.007	0.003	0.007	0.40	<0.05
MW-27	07/29/09	**0.027**	0.003	<0.001	<0.001	0.13	<0.05
MW-27	10/28/09	**0.019**	0.001	<0.001	<0.001	<0.10	<0.05
MW-27	01/27/10	0.005	<0.001	<0.001	<0.001	<0.10	<0.05
MW-27	04/28/10	**0.046**	0.001	<0.001	0.002	0.15	0.057
MW-27	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-27	10/27/10	0.005	<0.001	<0.001	<0.001	<0.10	<0.05
MW-27	01/26/11	0.008	<0.001	<0.001	<0.001	<0.10	<0.21
MW-27	10/13/11	**0.057**	0.010	0.004	0.008	<0.5	<0.5
MW-27	05/31/12	**0.061**	0.008	0.006	0.009	0.12	<0.5
MW-27	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27 Duplicate	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27	07/29/13	<0.001	<0.001	<0.001	<0.003	0.83	<0.50
MW-27	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27 Duplicate	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45

Table 4

Historical Groundwater Anaytical 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
SVE-10	01/23/03	**1.120**	0.136	0.188	0.331	8.89	0.961
SVE-10	04/25/03	**0.367**	0.560	0.069	0.296	5.18	1.30
SVE-10	07/14/03	**0.189**	0.030	0.027	0.086	1.74	0.991
SVE-10	10/20/03	<0.001	<0.001	<0.001	<0.003	0.42	0.46
SVE-10	01/22/04	0.002	0.001	0.002	<0.003	<0.10	0.42
SVE-10	04/22/04	**0.110**	<0.001	0.011	<0.003	0.41	0.35
SVE-10	07/23/04	**0.077**	<0.001	0.014	<0.003	0.46	0.48
SVE-10	10/28/04	**0.024**	0.002	0.010	0.008	0.40	1.2
SVE-10	01/27/05	**0.012**	<0.001	0.012	<0.003	0.19	0.68
SVE-10	04/20/05	<0.001	<0.001	0.014	<0.003	0.12	0.35
SVE-10	07/21/05	**0.023**	0.001	0.027	<0.003	0.26	0.47
SVE-10	10/20/05	**0.022**	0.001	0.025	<0.003	0.27	0.29
SVE-10	01/26/06	0.002	<0.001	0.020	<0.003	0.29	0.52
SVE-10	04/27/06	<0.001	<0.001	0.010	<0.003	0.21	0.30
SVE-10	07/27/06	<0.001	<0.001	0.004	<0.003	0.17	0.28
SVE-10	10/26/06	<0.001	<0.001	<0.001	<0.003	0.16	0.17
SVE-10	01/26/07	0.004	<0.001	0.005	<0.003	0.42	0.42
SVE-10	04/26/07	0.002	<0.001	0.012	<0.003	0.56	0.41
SVE-10	07/25/07	0.003	<0.001	0.008	<0.003	0.52	0.42
SVE-10	10/25/07	<0.001	<0.001	0.003	<0.003	0.39	0.30
SVE-10	01/31/08	**0.021**	<0.001	0.022	<0.003	0.43	0.21
SVE-10	04/24/08	**0.014**	<0.001	0.026	<0.001	0.56	0.26
SVE-10	07/25/08	**0.180**	<0.001	0.016	0.012	0.68	0.28
SVE-10	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.2
SVE-10	01/21/09	0.001	<0.001	<0.001	<0.001	0.18	0.18
SVE-10	04/22/09	0.003	<0.001	<0.001	<0.001	0.11	0.32
SVE-10	07/29/09	<0.001	<0.001	<0.001	<0.001	0.12	0.17
SVE-10	10/28/09	<0.001	<0.001	<0.001	<0.001	0.56	0.34
SVE-10	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.1
SVE-10	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.089
SVE-10	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-10	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-10	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
SVE-10	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:
mg/L = milligrams per liter
ne = not established
< = Analyte was detected below the laboratory detection limit
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-GRO = Total Petroleum Hydrocarbons - Diesel Range Organics
NMWQCC = New Mexico Water Quality Control Commission
Shaded/bolded values exceed their respective NMWQCC Standard for Groundwater.
J Value = Laboratory Detection Limit < Analyte Result < Laboratory Reporting Limit

Table 5

2016 Groundwater Analytical Data - Inorganics
Phillips 66 Company
East Hobbs Junction
Hobbs, Lea County, New Mexico

Well ID	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
NMWQCC Groundwater Quality Standards		***250***	***ne***	***1,000***	***200***
MW-3	03/22/16	38.9	--	--	--
MW-4	09/22/16	152	--	--	--
MW-6	03/22/16	172			
MW-6	09/22/16	147	--	--	--
MW-8	03/22/16	142			
MW-8	09/22/16	150	--	--	--
MW-10	03/22/16	132			
MW-10	09/22/16	156	--	--	--
MW-12	03/22/16	132	--	--	--
MW-12	09/22/16	151	--	--	--
MW-13	03/22/16	80.4	--	--	--
MW-13	09/22/16	80.7	--	--	--
MW-14	03/22/16	212	--	--	--
MW-14	09/22/16	223	--	--	--
			--	--	--
MW-16	09/22/16	138	--	--	--
MW-18	03/22/16	170	--	--	--
MW-18	09/22/16	179	--	--	--
MW-18 Duplicate	09/22/16	181	--	--	--
			--	--	--
MW-22	03/22/16	97.4	--	--	--
MW-22 Duplicate	03/22/16	97.1			
MW-22	09/22/16	100	--	--	--
MW-23	03/22/16	62.3	--	--	--
MW-23	09/22/16	63.7	--	--	--
MW-24	03/22/16	157	--	--	--
MW-24	09/22/16	173	--	--	--
MW-25	03/22/16	120	--	--	--
MW-25	09/22/16	125	--	--	--
MW-25 Duplicate	09/22/16	124	--	--	--
MW-26	03/22/16	111	--	--	--
MW-26 Duplicate	03/22/16	112	--	--	--
MW-26	09/22/16	113	--	--	--
MW-27	03/22/16	137	--	--	--
MW-27	09/22/16	138	--	--	--

Notes:
mg/L = milligrams per liter
µg/L = micrograms per liter
NMWQCC = New Mexico Water Quality Control Commission
ne - indicates not established
-- indicates not analyzed
Shaded/bolded values exceed their respective NMWQCC Standard for Groundwater.

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-2	07/29/09	66.1	--	--	--
MW-2	10/28/09	89.1	--	--	--
MW-2	01/27/10	67.2	--	--	--
MW-3	01/23/03	176	--	--	--
MW-3	04/24/08	47.9	--	--	--
MW-3	07/25/08	44.7	--	--	--
MW-3	10/22/08	32.9	--	--	--
MW-3	07/29/09	36.8	--	--	--
MW-3	10/28/09	43.2	--	--	--
MW-3	01/27/10	38.2	--	--	--
MW-3	04/28/10	35.4	--	--	--
MW-3	05/31/12	39.7	--	--	--
MW-3	03/12/15	50.5	--	--	--
MW-3	03/12/15	49.5	--	--	--
MW-3	07/29/15	36.4	--	--	--
MW-3 Duplicate	07/29/15	36.4	--	--	--
MW-3	03/22/16	38.9	--	--	--
MW-4	01/13/00	210	--	--	--
MW-4	04/06/00	180	--	--	--
MW-4	08/02/00	140	--	--	--
MW-4	11/15/00	180	--	--	--
MW-4	03/06/01	180	--	--	--
MW-4	06/25/01	200	--	--	--
MW-4	09/26/01	180	--	--	--
MW-4	12/12/01	158	--	--	--
MW-4	05/21/02	144	569	**1,330**	51
MW-4	10/16/02	81	--	--	--
MW-4	01/23/03	173	--	--	--
MW-4	04/25/03	159	--	--	--
MW-4	07/14/03	166	--	--	--
MW-4	10/17/03	190	--	--	--
MW-4	01/22/04	176	--	--	--
MW-4	04/22/04	180	--	--	--
MW-4	07/22/04	192	--	--	--
MW-4	10/28/04	186	--	--	--
MW-4	01/26/05	173	--	--	--
MW-4	04/20/05	128	--	--	--
MW-4	07/20/05	51.5	--	--	--
MW-4	10/19/05	37.7	--	--	--
MW-4	01/25/06	39.4	--	--	--
MW-4	04/26/06	58.0	--	--	--
MW-4	07/26/06	48.1	--	--	--
MW-4	10/25/06	113.0	--	--	--
MW-4	01/25/07	52.1	--	--	--
MW-4	04/25/07	68.8	--	--	--
MW-4	07/25/07	51.6	--	--	--
MW-4	10/24/07	38.5	--	--	--
MW-4	01/30/08	36.8	--	--	--
MW-4	04/23/08	34.5	--	--	--
MW-4	07/24/08	41.7	--	--	--
MW-4	10/22/08	32.9	--	--	--
MW-4	01/21/09	34.4	--	--	--
MW-4	04/22/09	33.7	--	--	--
MW-4	07/29/09	42.7	--	--	--
MW-4	10/28/09	62.2	--	--	--
MW-4	01/26/10	52.6	--	--	--
MW-4	04/27/10	68.2	--	--	--
MW-4	07/27/10	63.1	--	--	--
MW-4	10/26/10	61.9	--	--	--
MW-4	01/25/11	73.3	--	--	--
MW-4	10/13/11	93.1	--	--	--
MW-4	05/31/12	145	--	--	--
MW-4	02/28/13	122	--	--	--
MW-4	07/29/13	77.4	--	--	--
MW-4	09/22/16	152	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-5	01/13/00	130	--	--	--
MW-5	04/06/00	130	--	--	--
MW-5	08/02/00	130	--	--	--
MW-5	11/15/00	180	--	--	--
MW-5	03/06/01	210	--	--	--
MW-5	06/25/01	240	--	--	--
MW-5	09/26/01	**260**	--	--	--
MW-5	12/12/01	216	--	--	--
MW-5	05/21/02	180	619	698	29
MW-5	10/16/02	51	--	--	--
MW-5	01/23/03	187	--	--	--
MW-5	04/25/03	173	--	--	--
MW-5	07/14/03	184	--	--	--
MW-5	10/17/03	192	--	--	--
MW-5	01/22/04	179	--	--	--
MW-5	04/22/04	188	--	--	--
MW-5 Duplicate	04/22/04	189	--	--	--
MW-5	07/23/04	197	--	--	--
MW-5	10/28/04	196	--	--	--
MW-5	01/26/05	190	--	--	--
MW-5 Duplicate	01/26/05	188	--	--	--
MW-5	04/20/05	184	--	--	--
MW-5	07/20/05	196	--	--	--
MW-5	10/19/05	187	--	--	--
MW-5	01/25/06	200	--	--	--
MW-5	04/26/06	196	--	--	--
MW-5	07/26/06	177	--	--	--
MW-5	10/25/06	133	--	--	--
MW-5	01/25/07	71.0	--	--	--
MW-5	04/25/07	48.7	--	--	--
MW-5	07/25/07	44.8	--	--	--
MW-5	10/24/07	32.9	--	--	--
MW-5	01/30/08	38.6	--	--	--
MW-5	04/23/08	36.1	--	--	--
MW-5	07/24/08	21.4	--	--	--
MW-5	10/22/08	19.5	--	--	--
MW-5	01/21/09	24.5	--	--	--
MW-5	04/22/09	22.1	--	--	--
MW-5	07/29/09	22.6	--	--	--
MW-5	10/28/09	40.9	--	--	--
MW-5	01/26/10	40.5	--	--	--
MW-5	04/27/10	64.6	--	--	--
MW-5	07/27/10	64.1	--	--	--
MW-5	10/26/10	67.2	--	--	--
MW-5	01/25/11	90.1	--	--	--
MW-5	10/13/11	98.8	--	--	--
MW-5	05/31/12	74.3	--	--	--
MW-5	02/28/13	66	--	--	--
MW-5	07/29/13	107	--	--	--
MW-5 Duplicate	07/29/13	68	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		*250*	*ne*	*1,000*	*200*
MW-6	01/13/00	230	--	--	--
MW-6	04/06/00	200	--	--	--
MW-6	07/20/05	106	--	--	--
MW-6	10/20/05	99.2	--	--	--
MW-6	01/26/06	161	--	--	--
MW-6	07/27/06	90.1	--	--	--
MW-6	10/26/06	60.6	--	--	--
MW-6	01/26/07	62.5	--	--	--
MW-6	04/26/07	85.4	--	--	--
MW-6	07/25/07	126	--	--	--
MW-6	10/25/07	170	--	--	--
MW-6 Duplicate	10/25/07	155	--	--	--
MW-6	01/31/08	147	--	--	--
MW-6 Duplicate	01/31/08	146	--	--	--
MW-6	04/24/08	121	--	--	--
MW-6	07/25/08	101	--	--	--
MW-6	10/22/08	97.9	--	--	--
MW-6	01/21/09	111	--	--	--
MW-6	04/22/09	107	--	--	--
MW-6	07/29/09	124	--	--	--
MW-6	10/28/09	163	--	--	--
MW-6	01/27/10	112	--	--	--
MW-6	04/28/10	92.6	--	--	--
MW-6	07/28/10	111	--	--	--
MW-6	10/27/10	102	--	--	--
MW-6	01/26/11	85.4	--	--	--
MW-6	10/13/11	75.1	--	--	--
MW-6	05/31/12	63.6	--	--	--
MW-6	02/28/13	92.4	--	--	--
MW-6	07/29/13	119	--	--	--
MW-6	03/26/14	171	--	--	--
MW-6	07/30/14	169	--	--	--
MW-6	03/12/15	180	--	--	--
MW-6	07/29/15	174	--	--	--
MW-6	03/22/16	172			
MW-6	09/22/16	147	--	--	--
MW-7	05/31/12	90.8	--	--	--
MW-7	02/28/13	84.3	--	--	--
MW-7	07/29/13	86.7	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-8	01/13/00	160	--	--	--
MW-8	04/06/00	90	--	--	--
MW-8	08/02/00	84	--	--	--
MW-8	11/15/00	100	--	--	--
MW-8	03/06/01	87	--	--	--
MW-8	06/25/01	75	--	--	--
MW-8	09/26/01	72	--	--	--
MW-8	12/12/01	85	--	--	--
MW-8	05/21/02	104	546	638	76
MW-8	10/16/02	42.4	--	--	--
MW-8	01/22/03	106	--	--	--
MW-8	01/31/08	107	--	--	--
MW-8	05/31/12	129	--	--	--
MW-8	02/28/13	124	--	--	--
MW-8	07/29/13	140	--	--	--
MW-8	03/26/14	147	--	--	--
MW-8	07/30/14	165	--	--	--
MW-8	03/11/15	142	--	--	--
MW-8	03/11/15	143	--	--	--
MW-8	07/29/15	142	--	--	--
MW-8	03/22/16	142			
MW-8	09/22/16	150	--	--	--
MW-9	04/24/08	55.1	--	--	--
MW-10	01/13/00	180	--	--	--
MW-10	04/06/00	180	--	--	--
MW-10	08/02/00	140	--	--	--
MW-10	05/31/12	141	--	--	--
MW-10	02/28/13	113	--	--	--
MW-10	07/29/13	136	--	--	--
MW-10	03/12/15	133	--	--	--
MW-10	03/22/16	132			
MW-10	09/22/16	156	--	--	--
MW-11	04/06/00	**310**	--	--	--
MW-11	08/02/00	**270**	--	--	--
MW-11	11/15/00	**300**	--	--	--
MW-11	03/06/01	**280**	--	--	--
MW-11	06/25/01	**290**	--	--	--
MW-11	04/24/08	238	--	--	--
MW-11	07/25/08	**271**	--	--	--
MW-11	10/22/08	185	--	--	--
MW-11	01/21/09	206	--	--	--
MW-11	07/29/09	228	--	--	--
MW-11	10/28/09	**303**	--	--	--
MW-11	01/27/10	232	--	--	--
MW-11	07/28/10	250	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-12	04/06/00	190	--	--	--
MW-12	08/02/00	150	--	--	--
MW-12	11/15/00	190	--	--	--
MW-12	03/06/01	180	--	--	--
MW-12	06/25/01	190	--	--	--
MW-12	09/26/01	180	--	--	--
MW-12	12/12/01	169	--	--	--
MW-12	05/21/02	180	864	**2,050**	**478**
MW-12	10/16/02	69.5	--	--	--
MW-12	01/23/03	180	--	--	--
MW-12	04/25/03	179	--	--	--
MW-12	07/14/03	204	--	--	--
MW-12	10/20/03	197	--	--	--
MW-12	01/21/04	183	--	--	--
MW-12	04/21/04	188	--	--	--
MW-12	07/23/04	195	--	--	--
MW-12 Duplicate	07/23/04	196	--	--	--
MW-12	10/28/04	196	--	--	--
MW-12	01/27/05	187	--	--	--
MW-12 Duplicate	01/27/05	193	--	--	--
MW-12	04/20/05	151	--	--	--
MW-12 Duplicate	04/20/05	154	--	--	--
MW-12	07/21/05	180	--	--	--
MW-12 Duplicate	07/21/05	179	--	--	--
MW-12	10/20/05	149	--	--	--
MW-12 Duplicate	10/20/05	158	--	--	--
MW-12	01/26/06	168	--	--	--
MW-12 Duplicate	01/26/06	183	--	--	--
MW-12	04/27/06	169	--	--	--
MW-12 Duplicate	04/27/06	178	--	--	--
MW-12	07/27/06	162	--	--	--
MW-12 Duplicate	07/27/06	136	--	--	--
MW-12	10/26/06	172	--	--	--
MW-12 Duplicate	10/26/06	170	--	--	--
MW-12	01/26/07	174	--	--	--
MW-12 Duplicate	01/26/07	164	--	--	--
MW-12	04/25/07	175	--	--	--
MW-12 Duplicate	04/25/07	166	--	--	--
MW-12	07/25/07	177	--	--	--
MW-12 Duplicate	07/25/07	192	--	--	--
MW-12	10/25/07	211	--	--	--
MW-12 Duplicate	10/25/07	187	--	--	--
MW-12	01/31/08	181	--	--	--
MW-12 Duplicate	01/31/08	177	--	--	--
MW-12	04/24/08	185	--	--	--
MW-12 Duplicate	04/24/08	183	--	--	--
MW-12	07/25/08	182	--	--	--
MW-12 Duplicate	07/25/08	180	--	--	--
MW-12	10/22/08	138	--	--	--
MW-12 Duplicate	10/22/08	134	--	--	--
MW-12	01/21/09	165	--	--	--
MW-12 Duplicate	01/21/09	156	--	--	--
MW-12	04/22/09	193	--	--	--
MW-12 Duplicate	04/22/09	185	--	--	--
MW-12	07/29/09	190	--	--	--
MW-12 Duplicate	07/29/09	197	--	--	--
MW-12	10/28/09	235	--	--	--
MW-12 Duplicate	10/28/09	233	--	--	--
MW-12	01/27/10	192	--	--	--
MW-12 Duplicate	01/27/10	198	--	--	--
MW-12	04/28/10	171	--	--	--
MW-12 Duplicate	04/28/10	173	--	--	--
MW-12	07/28/10	190	--	--	--
MW-12 Duplicate	07/28/10	194	--	--	--
MW-12	10/27/10	201	--	--	--
MW-12 Duplicate	10/27/10	191	--	--	--
MW-12	01/26/11	186	--	--	--
MW-12 Duplicate	01/26/11	186	--	--	--
MW-12	10/13/11	191	--	--	--
MW-12	05/31/12	174	--	--	--
MW-12	02/28/13	166	--	--	--
MW-12	07/29/13	165	--	--	--
MW-12	03/26/14	165	--	--	--
MW-12	07/30/14	82.3	--	--	--
MW-12	03/11/15	143	--	--	--
MW-12	07/29/15	145	--	--	--
MW-12	03/22/16	132	--	--	--
MW-12	09/22/16	151	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-13	06/02/00	91	--	--	--
MW-13	08/02/00	61	--	--	--
MW-13	11/15/00	63	--	--	--
MW-13	03/06/01	66	--	--	--
MW-13	06/25/01	200	--	--	--
MW-13	09/26/01	66	--	--	--
MW-13	12/12/01	69.5	--	--	--
MW-13	05/21/02	58.5	617	563	23
MW-13	10/16/02	71.5	--	--	--
MW-13	01/22/03	72.6	--	--	--
MW-13	04/24/03	67.0	--	--	--
MW-13	07/14/03	72.2	--	--	--
MW-13	10/17/03	67.6	--	--	--
MW-13	01/21/04	68.8	--	--	--
MW-13	04/21/04	62.2	--	--	--
MW-13	07/22/04	64.6	--	--	--
MW-13	10/27/04	59.7	--	--	--
MW-13	01/26/05	66.9	--	--	--
MW-13	04/20/05	69.0	--	--	--
MW-13	07/21/05	64.9	--	--	--
MW-13	10/20/05	63.9	--	--	--
MW-13	01/25/06	68.1	--	--	--
MW-13	04/26/06	65.8	--	--	--
MW-13	07/26/06	71.5	--	--	--
MW-13	10/25/06	91.4	--	--	--
MW-13	01/25/07	65.0	--	--	--
MW-13	04/25/07	69.8	--	--	--
MW-13	07/25/07	71.2	--	--	--
MW-13	10/24/07	61.9	--	--	--
MW-13	01/30/08	71.2	--	--	--
MW-13	04/23/08	71.5	--	--	--
MW-13	07/24/08	74.0	--	--	--
MW-13	10/22/08	59.9	--	--	--
MW-13	01/21/09	65.4	--	--	--
MW-13	04/22/09	67.2	--	--	--
MW-13	07/29/09	68.5	--	--	--
MW-13	10/28/09	80.7	--	--	--
MW-13	01/27/10	69.5	--	--	--
MW-13	04/28/10	76.7	--	--	--
MW-13	07/28/10	70.9	--	--	--
MW-13	10/27/10	69.9	--	--	--
MW-13	01/26/11	74.9	--	--	--
MW-13	10/13/11	78.5	--	--	--
MW-13	05/31/12	76.8	--	--	--
MW-13	02/28/13	76.7	--	--	--
MW-13	07/29/13	77.9	--	--	--
MW-13 Duplicate	07/29/13	78	--	--	--
MW-13	03/26/14	84	--	--	--
MW-13	07/30/14	181	--	--	--
MW-13	03/11/15	83.9	--	--	--
MW-13	07/29/15	78.0	--	--	--
MW-13	03/22/16	80.4	--	--	--
MW-13	09/22/16	80.7	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		*250*	*ne*	*1,000*	*200*
MW-14	06/02/00	180	--	--	--
MW-14	08/02/00	170	--	--	--
MW-14	11/15/00	190	--	--	--
MW-14	03/06/01	190	--	--	--
MW-14	06/25/01	200	--	--	--
MW-14	09/26/01	200	--	--	--
MW-14	12/12/01	197	--	--	--
MW-14	05/21/02	162	745	**3,290**	**342**
MW-14	10/16/02	67	--	--	--
MW-14	01/23/03	228	--	--	--
MW-14	04/25/03	194	--	--	--
MW-14	07/14/03	242	--	--	--
MW-14	10/17/03	214	--	--	--
MW-14	01/21/04	200	--	--	--
MW-14	04/21/04	201	--	--	--
MW-14	07/22/04	203	--	--	--
MW-14	10/28/04	91.7	--	--	--
MW-14	01/26/05	87.7	--	--	--
MW-14	04/20/05	141	--	--	--
MW-14	07/21/05	107	--	--	--
MW-14	10/20/05	234	--	--	--
MW-14	01/26/06	166	--	--	--
MW-14	04/27/06	183	--	--	--
MW-14	07/27/06	164	--	--	--
MW-14	10/26/06	189	--	--	--
MW-14	01/25/07	178	--	--	--
MW-14	04/26/07	192	--	--	--
MW-14	07/25/07	188	--	--	--
MW-14	10/25/07	209	--	--	--
MW-14	01/30/08	194	--	--	--
MW-14	04/23/08	171	--	--	--
MW-14	07/24/08	196	--	--	--
MW-14	10/22/08	131	--	--	--
MW-14	01/21/09	189	--	--	--
MW-14	04/22/09	156	--	--	--
MW-14	07/29/09	237	--	--	--
MW-14	10/28/09	**256**	--	--	--
MW-14	01/27/10	202	--	--	--
MW-14	04/28/10	190	--	--	--
MW-14	07/28/10	221	--	--	--
MW-14	10/27/10	231	--	--	--
MW-14	01/26/11	216	--	--	--
MW-14	10/13/11	198	--	--	--
MW-14	05/31/12	191	--	--	--
MW-14	07/29/13	185	--	--	--
MW-14	03/11/15	212	--	--	--
MW-14	03/22/16	212	--	--	--
MW-14	09/22/16	223	--	--	--
			--	--	--
MW-15	06/02/00	170	--	--	--
MW-15	08/02/00	160	--	--	--
MW-15	11/15/00	170	--	--	--
MW-15	07/20/05	143	--	--	--
MW-15	10/19/05	137	--	--	--
MW-15	01/25/06	180	--	--	--
MW-15	04/26/06	**301**	--	--	--
MW-15	07/26/06	**327**	--	--	--
MW-15	10/25/06	**321**	--	--	--
MW-15	01/25/07	**321**	--	--	--
MW-15	04/25/07	**290**	--	--	--
MW-15	07/24/07	**251**	--	--	--
MW-15	10/24/07	**287**	--	--	--
MW-15	01/30/08	**289**	--	--	--
MW-15	04/23/08	**297**	--	--	--
MW-15	07/24/08	**372**	--	--	--
MW-15	10/21/08	200	--	--	--
MW-15	01/21/09	**285**	--	--	--
MW-15	04/21/09	**252**	--	--	--
MW-15	07/28/09	172	--	--	--
MW-15	10/27/09	218	--	--	--
MW-15	01/26/10	188	--	--	--
MW-15	04/27/10	167	--	--	--
MW-15	07/27/10	190	--	--	--
MW-15	10/26/10	183	--	--	--
MW-15	01/25/11	185	--	--	--
MW-15	10/13/11	224	--	--	--
MW-15	05/31/12	173	--	--	--
MW-15	02/27/13	152	--	--	--
MW-16	06/02/00	220	--	--	--
MW-16	08/02/00	210	--	--	--
MW-16	11/15/00	210	--	--	--
MW-16	03/06/01	240	--	--	--
MW-16	06/25/01	240	--	--	--
MW-16	09/26/01	67	--	--	--
MW-16	12/12/01	172	--	--	--
MW-16	05/21/02	159	540	**2,940**	83
MW-16	10/15/02	194	--	--	--
MW-16	01/22/03	206	--	--	--
MW-16	04/24/03	176	--	--	--
MW-16	07/14/03	190	--	--	--
MW-16	10/17/03	200	--	--	--
MW-16	01/21/04	182	--	--	--
MW-16	04/21/04	184	--	--	--
MW-16	07/21/04	185	--	--	--
MW-16	10/26/04	188	--	--	--
MW-16	01/26/05	178	--	--	--
MW-16	04/20/05	193	--	--	--
MW-16	07/19/05	189	--	--	--
MW-16	10/19/05	178	--	--	--
MW-16	01/25/06	174	--	--	--
MW-16	04/26/06	179	--	--	--
MW-16	07/26/06	141	--	--	--
MW-16	10/25/06	175	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-16	01/25/07	156	--	--	--
MW-16	04/25/07	156	--	--	--
MW-16	07/24/07	168	--	--	--
MW-16	10/24/07	175	--	--	--
MW-16	01/30/08	173	--	--	--
MW-16	04/23/08	160	--	--	--
MW-16	07/23/08	168	--	--	--
MW-16	10/21/08	142	--	--	--
MW-16	01/20/09	151	--	--	--
MW-16	04/21/09	131	--	--	--
MW-16	07/28/09	140	--	--	--
MW-16	10/27/09	175	--	--	--
MW-16	01/26/10	148	--	--	--
MW-16	04/27/10	150	--	--	--
MW-16	07/27/10	140	--	--	--
MW-16	10/26/10	134	--	--	--
MW-16	01/25/11	145	--	--	--
MW-16	10/12/11	132	--	--	--
MW-16	05/31/12	125	--	--	--
MW-16	02/27/13	123	--	--	--
MW-16	07/24/13	124	--	--	--
MW-16	03/11/15	138	--	--	--
MW-16	09/22/16	138	--	--	--
MW-17	06/02/00	140	--	--	--
MW-17	08/02/00	110	--	--	--
MW-17	11/15/00	130	--	--	--
MW-17	03/06/01	130	--	--	--
MW-17	06/25/01	140	--	--	--
MW-17	09/26/01	130	--	--	--
MW-17	12/12/01	147	--	--	--
MW-17	05/21/02	132	575	**1,040**	**202**
MW-17	10/15/02	149	--	--	--
MW-17	01/22/03	76.7	--	--	--
MW-17	04/24/03	84.3	--	--	--
MW-17	07/14/03	143	--	--	--
MW-17	01/26/05	146	--	--	--
MW-17	04/20/05	126	--	--	--
MW-17	07/19/05	127	--	--	--
MW-17	10/19/05	123	--	--	--
MW-17	01/25/06	145	--	--	--
MW-17	04/26/06	142	--	--	--
MW-17	07/26/06	134	--	--	--
MW-17	10/25/06	127	--	--	--
MW-17	01/25/07	138	--	--	--
MW-17	04/25/07	189	--	--	--
MW-17	07/24/07	**266**	--	--	--
MW-17	10/24/07	248	--	--	--
MW-17	01/30/08	**255**	--	--	--
MW-17	04/23/08	245	--	--	--
MW-17	07/23/08	**284**	--	--	--
MW-17	10/21/08	188	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-18	06/02/00	190	--	--	--
MW-18	08/02/00	160	--	--	--
MW-18	11/15/00	210	--	--	--
MW-18	03/06/01	190	--	--	--
MW-18	06/25/01	210	--	--	--
MW-18	09/26/01	190	--	--	--
MW-18	12/12/01	182	--	--	--
MW-18	05/21/02	184	1,070	**2,930**	**374**
MW-18	10/16/02	102	--	--	--
MW-18	01/23/03	218	--	--	--
MW-18	04/25/03	195	--	--	--
MW-18	07/14/03	193	--	--	--
MW-18	10/20/03	207	--	--	--
MW-18	01/21/04	193	--	--	--
MW-18	04/21/04	195	--	--	--
MW-18	07/22/04	205	--	--	--
MW-18	10/28/04	205	--	--	--
MW-18	01/26/05	206	--	--	--
MW-18	04/20/05	193	--	--	--
MW-18	07/21/05	206	--	--	--
MW-18	10/20/05	176	--	--	--
MW-18	01/26/06	198	--	--	--
MW-18	04/27/06	199	--	--	--
MW-18	07/27/06	184	--	--	--
MW-18	10/26/06	191	--	--	--
MW-18	01/26/07	191	--	--	--
MW-18	04/26/07	203	--	--	--
MW-18	07/25/07	196	--	--	--
MW-18	10/25/07	219	--	--	--
MW-18	01/30/08	205	--	--	--
MW-18	04/24/08	201	--	--	--
MW-18	07/24/08	208	--	--	--
MW-18	10/22/08	148	--	--	--
MW-18	01/21/09	197	--	--	--
MW-18	04/22/09	220	--	--	--
MW-18	07/29/09	218	--	--	--
MW-18	10/28/09	**261**	--	--	--
MW-18	01/27/10	195	--	--	--
MW-18	04/28/10	170	--	--	--
MW-18	07/28/10	201	--	--	--
MW-18	10/27/10	184	--	--	--
MW-18	01/26/11	200	--	--	--
MW-18	10/13/11	197	--	--	--
MW-18	05/31/12	188	--	--	--
MW-18	02/28/13	188	--	--	--
MW-18	07/29/13	176	--	--	--
MW-18	03/26/14	178	--	--	--
MW-18	03/26/14	178	--	--	--
MW-18	03/11/15	169	--	--	--
MW-18	07/29/15	164	--	--	--
MW-18	03/22/16	170	--	--	--
MW-18	09/22/16	179	--	--	--
MW-18 Duplicate	09/22/16	181	--	--	--
			--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		*250*	*ne*	*1,000*	*200*
MW-19	06/02/00	140	--	--	--
MW-19	08/02/00	110	--	--	--
MW-19	11/15/00	130	--	--	--
MW-19	03/06/01	130	--	--	--
MW-19	06/25/01	150	--	--	--
MW-19	09/26/01	140	--	--	--
MW-19	12/12/01	144	--	--	--
MW-19	05/21/02	150	--	--	--
MW-19	10/15/02	180	--	--	--
MW-19	01/22/03	177	--	--	--
MW-19	04/24/03	161	--	--	--
MW-19	07/14/03	20.3	--	--	--
MW-19	10/17/03	117	--	--	--
MW-19	01/21/04	169	--	--	--
MW-19	04/21/04	173	--	--	--
MW-19	07/22/04	177	--	--	--
MW-19	10/27/04	171	--	--	--
MW-19	01/26/05	187	--	--	--
MW-19	04/20/05	156	--	--	--
MW-19	07/21/05	177	--	--	--
MW-19	10/20/05	161	--	--	--
MW-19	01/26/05	137	--	--	--
MW-19	04/28/10	157	--	--	--
MW-19	07/28/10	186	--	--	--
MW-19	10/27/10	172	--	--	--
MW-19	01/26/11	174	--	--	--
MW-19	04/26/06	123	--	--	--
MW-19	07/27/06	99.8	--	--	--
MW-19	10/26/06	116.0	--	--	--
MW-19	01/25/07	93.7	--	--	--
MW-19	04/25/07	92.6	--	--	--
MW-19	07/25/07	97.7	--	--	--
MW-19	10/24/07	110	--	--	--
MW-19	01/30/08	101	--	--	--
MW-19	04/23/08	96.1	--	--	--
MW-19	07/24/08	96.5	--	--	--
MW-19	10/22/08	101	--	--	--
MW-19	01/21/09	111	--	--	--
MW-19	04/22/09	125	--	--	--
MW-19	07/29/09	146	--	--	--
MW-19	10/28/09	202	--	--	--
MW-19	01/27/10	176	--	--	--
MW-19	10/13/11	174	--	--	--
MW-19	05/31/12	177	--	--	--
MW-19	02/28/13	174	--	--	--
MW-19	07/29/13	171	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-20	06/02/00	83	--	--	--
MW-20	08/02/00	66	--	--	--
MW-20	11/15/00	66	--	--	--
MW-20	03/06/01	62	--	--	--
MW-20	06/25/01	71	--	--	--
MW-20	09/26/01	210	--	--	--
MW-20	12/12/01	69	--	--	--
MW-20	05/21/02	72	638	**1,840**	26
MW-20	10/15/02	85	--	--	--
MW-20	01/22/03	83.6	--	--	--
MW-20	04/24/03	77.0	--	--	--
MW-20	07/14/03	85.8	--	--	--
MW-20	10/17/03	76.8	--	--	--
MW-20	01/21/04	74.6	--	--	--
MW-20	04/21/04	69.3	--	--	--
MW-20	07/21/04	69.4	--	--	--
MW-20	10/26/04	68.5	--	--	--
MW-20	01/26/05	76.0	--	--	--
MW-20	04/20/05	73.7	--	--	--
MW-20	07/19/05	69.9	--	--	--
MW-20	10/19/05	72.0	--	--	--
MW-20	01/25/06	72.9	--	--	--
MW-20	04/26/06	70.0	--	--	--
MW-20	07/26/06	68.0	--	--	--
MW-20	10/25/06	92.6	--	--	--
MW-20	02/26/07	70.5	--	--	--
MW-20	04/25/07	67.8	--	--	--
MW-20	07/24/07	44.5	--	--	--
MW-20	10/24/07	142	--	--	--
MW-20	01/30/08	85	--	--	--
MW-20	04/23/08	93.5	--	--	--
MW-20	07/23/08	98.1	--	--	--
MW-20	10/21/08	103	--	--	--
MW-20	01/20/09	109	--	--	--
MW-20	04/21/09	118	--	--	--
MW-20	07/28/09	159	--	--	--
MW-20	10/27/09	194	--	--	--
MW-20	01/26/10	156	--	--	--
MW-20	04/27/10	161	--	--	--
MW-20	07/27/10	150	--	--	--
MW-20	10/26/10	130	--	--	--
MW-20	01/25/11	125	--	--	--
MW-20	10/12/11	100	--	--	--
MW-20	05/31/12	92	--	--	--
MW-20	02/27/13	96	--	--	--
MW-20	07/24/13	107	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-21	06/13/02	**832**	--	--	--
MW-21	10/15/02	**857**	--	--	--
MW-21	01/22/03	**806**	--	--	--
MW-21	04/24/03	**414**	--	--	--
MW-21	07/14/03	**853**	--	--	--
MW-21	10/17/03	**886**	--	--	--
MW-21	01/21/04	**782**	--	--	--
MW-21	04/21/04	**684**	--	--	--
MW-21	07/21/04	**613**	--	--	--
MW-21	10/26/04	**907**	--	--	--
MW-21	01/26/05	**659**	--	--	--
MW-21	04/20/05	**555**	--	--	--
MW-21	07/19/05	**527**	--	--	--
MW-21	10/19/05	**483**	--	--	--
MW-21	01/25/06	**509**	--	--	--
MW-21	04/26/06	**552**	--	--	--
MW-21	07/26/06	**466**	--	--	--
MW-21	10/25/06	**499**	--	--	--
MW-21	02/26/07	**300**	--	--	--
MW-21	04/25/07	**572**	--	--	--
MW-21	07/24/07	**1,010**	--	--	--
MW-21	10/24/07	**825**	--	--	--
MW-21	01/30/08	**1,110**	--	--	--
MW-21	04/23/08	**984**	--	--	--
MW-21	07/23/08	**694**	--	--	--
MW-21	10/21/08	**855**	--	--	--
MW-21	01/20/09	**1,060**	--	--	--
MW-21	04/21/09	**1,090**	--	--	--
MW-21	07/28/09	**1,040**	--	--	--
MW-21	10/27/09	**1,390**	--	--	--
MW-21	01/26/10	**1,090**	--	--	--
MW-21	04/27/10	**1,320**	--	--	--
MW-21	07/27/10	**1,020**	--	--	--
MW-21	10/26/10	**944**	--	--	--
MW-21	01/25/11	**926**	--	--	--
MW-21	10/12/11	249	--	--	--
MW-21	05/31/12	**358**	--	--	--
MW-21	02/27/13	**326**	--	--	--
MW-21	07/24/13	**407**	--	--	--
MW-21	03/11/15	**354**	--	--	--
MW-22	06/13/02	76.5	--	--	--
MW-22	10/15/02	86.5	--	--	--
MW-22	01/22/03	85.7	--	--	--
MW-22	04/24/03	77.0	--	--	--
MW-22	07/14/03	82.0	--	--	--
MW-22	10/17/03	82.8	--	--	--
MW-22	01/21/04	79.4	--	--	--
MW-22	04/21/04	75.3	--	--	--
MW-22	07/22/04	78.3	--	--	--
MW-22	10/27/04	77.5	--	--	--
MW-22	01/26/05	88.3	--	--	--
MW-22	04/20/05	81.1	--	--	--
MW-22	07/21/05	79.3	--	--	--
MW-22	10/20/05	77.5	--	--	--
MW-22	01/25/06	101	--	--	--
MW-22	04/26/06	74.3	--	--	--
MW-22	07/26/06	81.5	--	--	--
MW-22	10/25/06	101.0	--	--	--
MW-22	01/25/07	80.3	--	--	--
MW-22	04/26/07	79.8	--	--	--
MW-22	07/25/07	83.4	--	--	--
MW-22	10/24/07	75.3	--	--	--
MW-22	01/30/08	85.4	--	--	--
MW-22	04/23/08	84.6	--	--	--
MW-22	07/24/08	82.1	--	--	--
MW-22	10/22/08	64.2	--	--	--
MW-22	01/21/09	76.2	--	--	--
MW-22	04/22/09	79.4	--	--	--
MW-22	07/29/09	75.3	--	--	--
MW-22	10/28/09	97.1	--	--	--
MW-22	01/27/10	78.7	--	--	--
MW-22	04/28/10	90.9	--	--	--
MW-22	07/28/10	86.2	--	--	--
MW-22	10/27/10	83.3	--	--	--
MW-22	01/26/11	87.6	--	--	--
MW-22	10/13/11	87.7	--	--	--
MW-22	07/29/13	91.1	--	--	--
MW-22	03/26/14	97.9	--	--	--
MW-22	07/30/14	96.1	--	--	--
MW-22	03/11/15	103	--	--	--
MW-22	07/29/15	103	--	--	--
MW-22	03/22/16	97.4	--	--	--
MW-22 Duplicate	03/22/16	97.1	--	--	--
MW-22	09/22/16	100	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-23	06/13/02	63	--	--	--
MW-23	10/15/02	36.2	--	--	--
MW-23	01/22/03	58.5	--	--	--
MW-23	04/24/03	130	--	--	--
MW-23	07/14/03	64.6	--	--	--
MW-23	10/17/03	59.2	--	--	--
MW-23	01/21/04	61.3	--	--	--
MW-23	04/21/04	54.8	--	--	--
MW-23	07/22/04	59.0	--	--	--
MW-23	10/27/04	55.5	--	--	--
MW-23	01/26/05	64.8	--	--	--
MW-23	04/20/05	77.6	--	--	--
MW-23	07/21/05	65.0	--	--	--
MW-23	10/19/05	66.5	--	--	--
MW-23	01/25/06	67.7	--	--	--
MW-23	04/26/06	63.4	--	--	--
MW-23	07/26/06	67.2	--	--	--
MW-23	10/25/06	86.5	--	--	--
MW-23	01/25/07	63.6	--	--	--
MW-23	04/25/07	66.8	--	--	--
MW-23	07/25/07	63.7	--	--	--
MW-23	10/24/07	61.6	--	--	--
MW-23	01/30/08	67.9	--	--	--
MW-23	04/23/08	65.7	--	--	--
MW-23	07/24/08	59.5	--	--	--
MW-23	10/22/08	52.2	--	--	--
MW-23	01/21/09	55	--	--	--
MW-23	04/22/09	59.4	--	--	--
MW-23	07/29/09	55.7	--	--	--
MW-23	10/28/09	71.6	--	--	--
MW-23	01/27/10	55.3	--	--	--
MW-23	04/28/10	68.6	--	--	--
MW-23	07/28/10	56.6	--	--	--
MW-23	10/27/10	58.8	--	--	--
MW-23	01/26/11	63.2	--	--	--
MW-23	10/13/11	64.1	--	--	--
MW-23	05/31/12	61.1	--	--	--
MW-23	02/28/13	58.5	--	--	--
MW-23	07/29/13	58.9	--	--	--
MW-23	03/26/14	61.1	--	--	--
MW-23	03/11/15	63.8	--	--	--
MW-23	07/29/15	64.2	--	--	--
MW-23	03/22/16	62.3	--	--	--
MW-23	09/22/16	63.7	--	--	--
MW-24	07/22/04	165	--	--	--
MW-24	10/27/04	151	--	--	--
MW-24	01/26/05	182	--	--	--
MW-24	04/20/05	166	--	--	--
MW-24	07/20/05	169	--	--	--
MW-24	10/19/05	177	--	--	--
MW-24 Duplicate	10/19/05	176	--	--	--
MW-24	01/25/06	191	--	--	--
MW-24 Duplicate	01/25/06	187	--	--	--
MW-24	04/26/06	172	--	--	--
MW-24 Duplicate	04/26/06	134	--	--	--
MW-24	07/26/06	176	--	--	--
MW-24 Duplicate	07/26/06	177	--	--	--
MW-24	10/25/06	209	--	--	--
MW-24 Duplicate	10/25/06	208	--	--	--
MW-24	01/25/07	209	--	--	--
MW-24 Duplicate	01/25/07	217	--	--	--
MW-24	04/25/07	192	--	--	--
MW-24 Duplicate	04/25/07	181	--	--	--
MW-24	07/24/07	174	--	--	--
MW-24 Duplicate	07/24/07	192	--	--	--
MW-24	10/24/07	190	--	--	--
MW-24	01/30/08	185	--	--	--
MW-24	04/23/08	182	--	--	--
MW-24 Duplicate	04/23/08	185	--	--	--
MW-24	07/24/08	217	--	--	--
MW-24 Duplicate	07/24/08	216	--	--	--
MW-24	10/21/08	189	--	--	--
MW-24 Duplicate	10/21/08	200	--	--	--
MW-24	01/21/09	**269**	--	--	--
MW-24 Duplicate	01/21/09	**294**	--	--	--
MW-24	04/21/09	**278**	--	--	--
MW-24 Duplicate	04/21/09	**323**	--	--	--
MW-24	07/28/09	**275**	--	--	--
MW-24 Duplicate	07/28/09	**287**	--	--	--
MW-24	10/28/09	**400**	--	--	--
MW-24 Duplicate	10/28/09	**400**	--	--	--
MW-24	01/26/10	**285**	--	--	--
MW-24 Duplicate	01/26/10	**287**	--	--	--
MW-24	04/27/10	232	--	--	--
MW-24 Duplicate	04/27/10	**253**	--	--	--
MW-24	07/27/10	**257**	--	--	--
MW-24 Duplicate	07/27/10	**255**	--	--	--
MW-24	10/26/10	221	--	--	--
MW-24 Duplicate	10/26/10	214	--	--	--
MW-24	01/25/11	218	--	--	--
MW-24 Duplicate	01/25/11	217	--	--	--
MW-24	10/12/11	197	--	--	--
MW-24	05/31/12	215	--	--	--
MW-24	02/27/13	225	--	--	--
MW-24	07/24/13	199	--	--	--
MW-24	08/22/13	205	--	--	--
MW-24	03/26/14	180	--	--	--
MW-24	07/30/14	130	--	--	--
MW-24	03/12/15	169	--	--	--
MW-24	07/29/15	139	--	--	--
MW-24	03/22/16	157	--	--	--
MW-24	09/22/16	173	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-25	07/22/04	116	--	--	--
MW-25	10/27/04	129	--	--	--
MW-25	01/26/05	143	--	--	--
MW-25	04/20/05	123	--	--	--
MW-25	07/19/05	152	--	--	--
MW-25	10/19/05	**453**	--	--	--
MW-25	01/25/06	**480**	--	--	--
MW-25	04/26/06	**461**	--	--	--
MW-25	07/26/06	**388**	--	--	--
MW-25	10/25/06	241	--	--	--
MW-25	01/25/07	119	--	--	--
MW-25	04/25/07	192	--	--	--
MW-25	07/24/07	177	--	--	--
MW-25	10/24/07	**376**	--	--	--
MW-25	01/30/08	**461**	--	--	--
MW-25	04/23/08	**269**	--	--	--
MW-25	07/24/08	**256**	--	--	--
MW-25	10/21/08	149	--	--	--
MW-25	01/20/09	138	--	--	--
MW-25	04/21/09	159	--	--	--
MW-25	07/28/09	151	--	--	--
MW-25	10/27/09	203	--	--	--
MW-25	01/26/10	171	--	--	--
MW-25	04/27/10	177	--	--	--
MW-25	07/27/10	126	--	--	--
MW-25	10/26/10	118	--	--	--
MW-25	01/25/11	132	--	--	--
MW-25	10/12/11	124	--	--	--
MW-25	05/31/12	128	--	--	--
MW-25	02/27/13	126	--	--	--
MW-25	07/24/13	124	--	--	--
MW-25	03/26/14	135	--	--	--
MW-25	07/30/14	128	--	--	--
MW-25	03/12/15	126	--	--	--
MW-25	07/29/15	120	--	--	--
MW-25	03/22/16	120	--	--	--
MW-25	09/22/16	125	--	--	--
MW-25 Duplicate	09/22/16	124	--	--	--
MW-26	04/20/05	82.5	--	--	--
MW-26	07/20/05	77.2	--	--	--
MW-26	10/19/05	77.8	--	--	--
MW-26	01/25/06	78.3	--	--	--
MW-26	04/26/06	74.0	--	--	--
MW-26	07/26/06	77.9	--	--	--
MW-26	10/25/06	99.1	--	--	--
MW-26	01/25/07	66.6	--	--	--
MW-26	04/25/07	81.4	--	--	--
MW-26	07/25/07	83.7	--	--	--
MW-26	10/24/07	73.3	--	--	--
MW-26	01/30/08	86.8	--	--	--
MW-26	04/23/08	90.4	--	--	--
MW-26	07/24/08	92.6	--	--	--
MW-26	10/22/08	83.1	--	--	--
MW-26	01/21/09	99.8	--	--	--
MW-26	04/22/09	95.3	--	--	--
MW-26	07/29/09	114	--	--	--
MW-26	10/28/09	147	--	--	--
MW-26	01/26/10	128	--	--	--
MW-26	04/27/10	123	--	--	--
MW-26	07/28/10	136	--	--	--
MW-26	10/27/10	131	--	--	--
MW-26	01/26/11	146	--	--	--
MW-26	10/13/11	154	--	--	--
MW-26	05/31/12	150	--	--	--
MW-26	02/28/13	142	--	--	--
MW-26 Duplicate	02/28/13	141	--	--	--
MW-26	07/29/13	135	--	--	--
MW-26	03/26/14	135	--	--	--
MW-26	07/30/14	123	--	--	--
MW-26	03/11/15	120	--	--	--
MW-26	07/29/15	116	--	--	--
MW-26	03/22/16	111	--	--	--
MW-26 Duplicate	03/22/16	112	--	--	--
MW-26	09/22/16	113	--	--	--

Table 6

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

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-27	04/20/05	129	--	--	--
MW-27 Duplicate	04/20/05	132	--	--	--
MW-27	07/20/05	129	--	--	--
MW-27 Duplicate	07/20/05	129	--	--	--
MW-27	10/19/05	132	--	--	--
MW-27	01/25/06	136	--	--	--
MW-27 Duplicate	01/25/06	138	--	--	--
MW-27	04/26/06	112	--	--	--
MW-27	07/26/06	115	--	--	--
MW-27	10/25/06	151	--	--	--
MW-27	01/25/07	119	--	--	--
MW-27	04/25/07	117	--	--	--
MW-27	07/25/07	130	--	--	--
MW-27	10/24/07	119	--	--	--
MW-27	01/30/08	115	--	--	--
MW-27	04/23/08	102	--	--	--
MW-27	07/24/08	104	--	--	--
MW-27	10/22/08	107	--	--	--
MW-27	01/21/09	103	--	--	--
MW-27	04/22/09	97.8	--	--	--
MW-27	07/29/09	111	--	--	--
MW-27	10/28/09	160	--	--	--
MW-27	01/27/10	119	--	--	--
MW-27	04/28/10	116	--	--	--
MW-27	07/28/10	130	--	--	--
MW-27	10/27/10	124	--	--	--
MW-27	01/26/11	127	--	--	--
MW-27	10/13/11	99.3	--	--	--
MW-27	05/31/12	93.6	--	--	--
MW-27	02/28/13	110	--	--	--
MW-27 Duplicate	02/28/13	110	--	--	--
MW-27	07/29/13	101	--	--	--
MW-27	03/26/14	112	--	--	--
MW-27 Duplicate	03/26/14	112	--	--	--
MW-27	07/30/14	108	--	--	--
MW-27	03/11/15	132	--	--	--
MW-27	07/29/15	126	--	--	--
MW-27	03/22/16	137	--	--	--
MW-27	09/22/16	138	--	--	--
SVE-10	01/23/03	**282**	--	--	--
SVE-10	04/25/03	241	--	--	--
SVE-10	07/14/03	**270**	--	--	--
SVE-10	10/20/03	**255**	--	--	--
SVE-10	01/22/04	**265**	--	--	--
SVE-10	04/22/04	236	--	--	--
SVE-10	07/23/04	250	--	--	--
SVE-10	10/28/04	243	--	--	--
SVE-10	01/27/05	**251**	--	--	--
SVE-10	04/20/05	204	--	--	--
SVE-10	07/21/05	236	--	--	--
SVE-10	10/20/05	183	--	--	--
SVE-10	01/26/06	243	--	--	--
SVE-10	04/27/06	234	--	--	--
SVE-10	07/27/06	230	--	--	--
SVE-10	10/26/06	244	--	--	--
SVE-10	01/26/07	234	--	--	--
SVE-10	04/26/07	**256**	--	--	--
SVE-10	07/25/07	247	--	--	--
SVE-10	10/25/07	227	--	--	--
SVE-10	01/31/08	234	--	--	--
SVE-10	04/24/08	226	--	--	--
SVE-10	07/25/08	**253**	--	--	--
SVE-10	10/22/08	173	--	--	--
SVE-10	01/21/09	205	--	--	--
SVE-10	04/22/09	231	--	--	--
SVE-10	07/29/09	**252**	--	--	--
SVE-10	10/28/09	**340**	--	--	--
SVE-10	01/27/10	223	--	--	--
SVE-10	04/28/10	221	--	--	--
SVE-10	07/28/10	244	--	--	--
SVE-10	10/27/10	224	--	--	--
SVE-10	01/26/11	240	--	--	--
SVE-10	10/13/11	238	--	--	--
SP-1	06/02/00	180	--	--	--

Notes:
mg/L = milligrams per liter
µg/L = micrograms per liter
NMWQCC = New Mexico Water Quality Control Commission
ne - indicates not established
-- indicates not analyzed
Shaded/bolded values exceed their respective NMWQCC Standard for Groundwater.

Table 7A

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

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
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
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

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

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
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
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

Table 7A

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

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
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
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

Table 7A

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

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
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
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

Table 7A

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

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
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
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

Table 7A

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

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
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
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

Table 7A

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

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
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
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 m^3/35.31 cf)*(1 lb/454 g)*(Q (scfm)*1440 min/day)

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

Q = flow rate of effluent air (scfm) 24.05 = gas law constant

Table 7A

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

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*

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

Table 6B

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

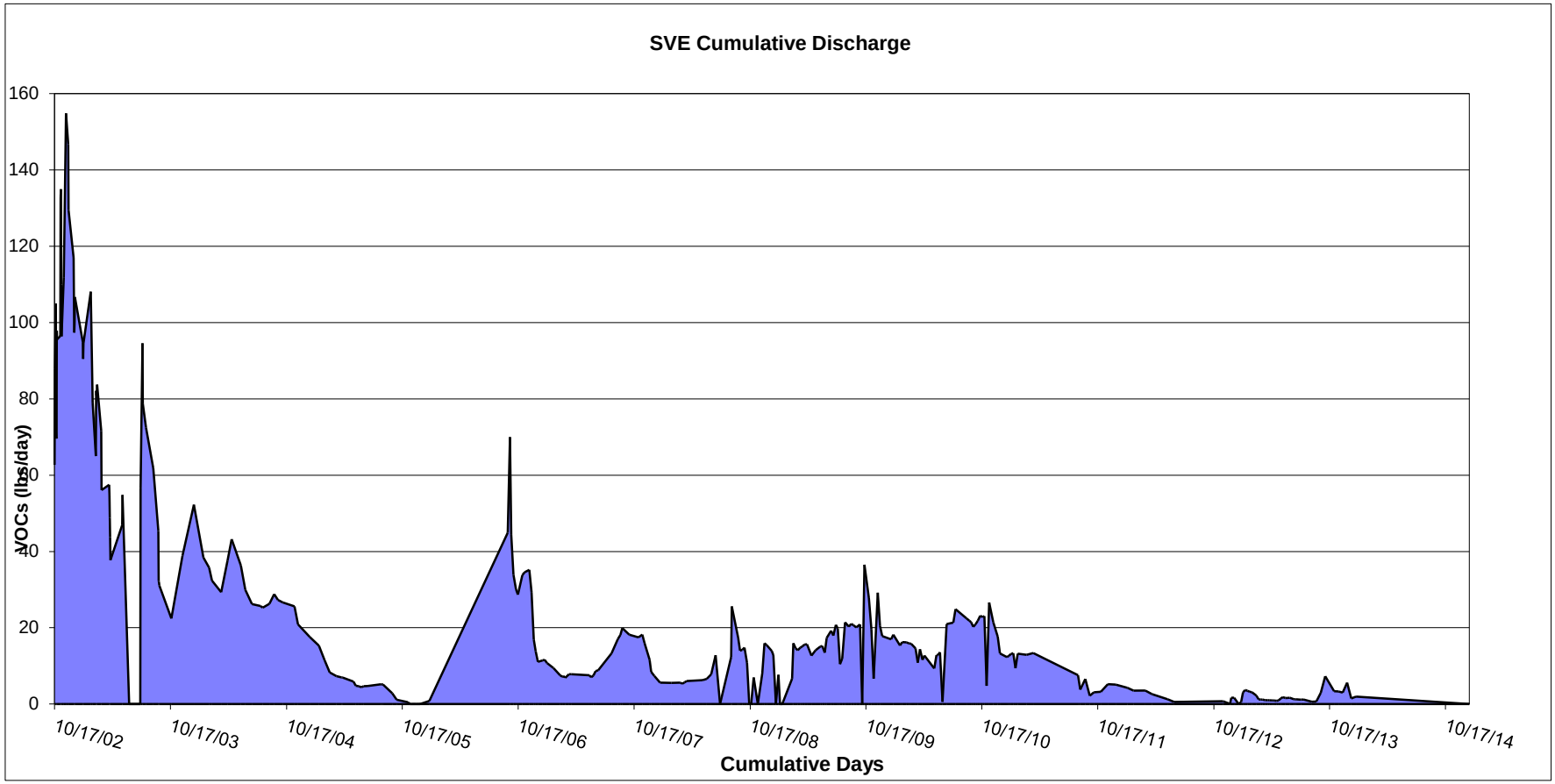
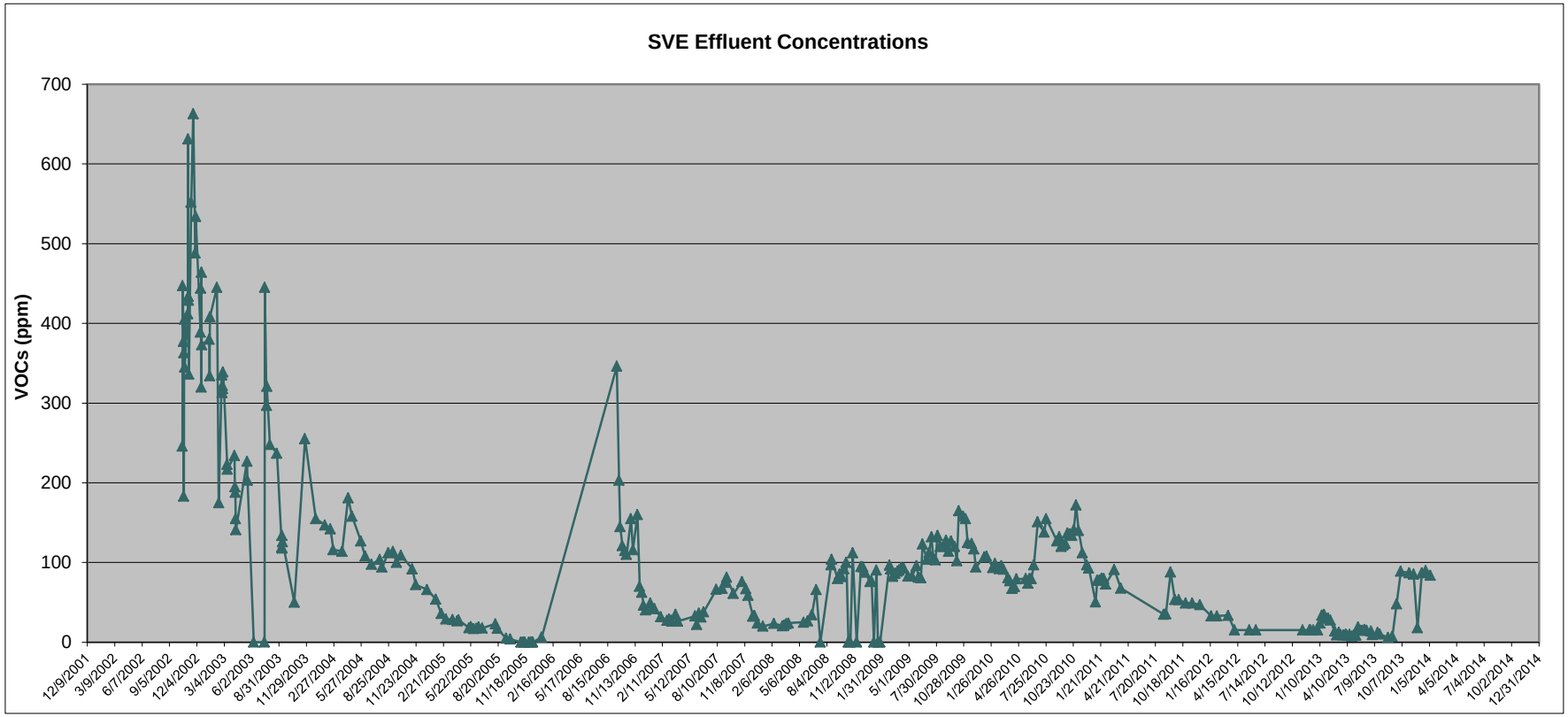


Table 6B

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



Soil Vapor Extraction (SVE) system has been inoperable since 2014 due to a faulty compressor.

Table 7C

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

Monitoring Point - *Measurements = inches of water at wellhead vacuum (-); pressure (+)*

Date	***Time***	***PID*** *(ppm)*	***MW-4*** ***SVE-1***	***MW-5*** ***SVE-2***	***MW-6*** ***SVE-3***	***MW-7*** ***SVE-4***	***MW-8*** ***SVE-5***	***MW-9*** ***SVE-6***	***MW-10*** ***SVE-7***	***MW-11*** ***SVE-8***	***MW-12*** ***SVE-9***	***SVE-10***	***MW-14*** ***SVE-11***	***MW-15*** ***SVE-12***	***MW-18*** ***SVE-13***	***Comments***
08/05/08	9:30 AM															Start Bioventing, Set Timers, Repair Leaks
08/06/08	7:30 AM		-3.1	-9.9	-9.9	-13.1	-13.0		-12.0	-2.6	-2.7	-9.9	-9.9	-0.3	-10.1	
08/18/08	9:00 AM	96.8														Shut System Down for Repairs
08/20/08	8:30 AM	104.0														Complete Repairs, Restart System
09/05/08	9:00 AM	85.3	-10.5	-10.8	-10.8	-10.6	-10.5		-10.5	-4.3	-2.4	-10.5	-10.3	-0.8	-10.5	
09/09/08	8:30 AM	79.6	-8.0	-10.2	-10.4	-10.5	-10.3		-10.5	-4.5	-3.0	-10.4	-10.0	-1.2	-10.5	
09/22/08	9:05 AM	82.2	-10.5	-10.5	-10.8	-11.1	-11.0		-11.0	-4.6	-2.5	-10.9	-10.4	-0.2	-10.9	
09/29/08	9:00 AM	92.3	-10.2	-10.4	-10.5	-11.3	-11.3		-11.2	-4.8	-2.8	-10.8	-10.6	-0.1	-11.0	
10/07/08	8:52 AM	100.0	-10.2	-10.2	-10.2	-10.8	-10.9		-10.8	-4.5	-2.5	-10.3	-10.3	-0.5	-10.6	SVE Down on False Alarm, Restart
10/28/08	8:45 AM	112.0	-10.0	-10.0	-10.0	-10.5	-10.4		-10.4	-5.0	-2.0	-10.1	-10.0	-1.2	-10.3	AC Down, Restart
11/10/08	10:40 AM	119.0	-11.2	-11.2	-11.3	-10.8	-10.8		-11.0	-5.8	-3.7	-11.3	-10.8	-0.5	-11.2	System Down, Reset Timer, Restart
11/24/08	10:05 AM	94.8	-11.0	-11.0	-11.0	-10.8	-10.9		-10.7	-7.5	-3.1	-11.0	-10.5	-1.0	-10.7	
12/01/08	9:14 AM	94.6	-10.8	-10.8	-10.8	-10.6	-10.5		-10.7	-6.3	-3.0	-8.4	-10.6	-1.7	-10.4	
12/08/08	9:15 AM	87.8	-10.7	-10.8	-10.8	-10.8	-10.9		-10.8	-6.8	-3.0	-7.5	-10.6		-10.8	
12/24/08	10:05 AM	75.8	-11.0	-11.0	-11.0	-10.2	-10.2		-10.2	-4.1	-2.0	-6.5	-10.0		-10.0	
12/29/08	8:50 AM	77.0	-9.4	-9.4	-9.8	-10.1	-10.3		-10.1	-2.2	-1.3	-5.6	-7.5		-8.5	

Table 7C

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

Monitoring Point **-** *Measurements = inches of water at wellhead vacuum (-); pressure (+)*

Date	***Time***	***PID*** *(ppm)*	***MW-4*** ***SVE-1***	***MW-5*** ***SVE-2***	***MW-6*** ***SVE-3***	***MW-7*** ***SVE-4***	***MW-8*** ***SVE-5***	***MW-9*** ***SVE-6***	***MW-10*** ***SVE-7***	***MW-11*** ***SVE-8***	***MW-12*** ***SVE-9***	***SVE-10***	***MW-14*** ***SVE-11***	***MW-15*** ***SVE-12***	***MW-18*** ***SVE-13***	***Comments***
01/06/09	10:10 AM	136.0	-14.8	-14.8	-15.0	-15.0	-15.0		-15.0	-3.0	-2.9	-11.0	-10.0		-14.8	Belt Off SVE, Replace & Restart, Adj Bleed
01/14/09	10:45 AM	90.5	-15.3	-15.5	-16.0	-15.3	-15.6		-15.3	-2.3	-3.3	-10.3	-14.6		-15.0	
01/26/09	9:10 AM		-13.0	-13.0	-14.0	-13.2	-13.3		-13.2	-1.7	-2.0	-8.5	-9.0		-13.0	
02/10/09	9:00 AM		-12.0	-11.3	-14.0	-14.0	-14.0		-13.8	-1.8	-2.8	-6.5	-10.1		-13.8	
02/26/09	7:40 AM	96.6	-15.5	-14.0	-20.0	-21.0	-21.3		-20.8	-1.7	-5.0	-12.0	-11.0		-20.0	
03/02/09	9:20 AM	91.9	-21.0	-14.4	-21.0	-21.2	-22.0		-18.0	-2.3	-4.1	-20.5	-16.2		-20.5	
03/09/09	9:20 AM	82.6	-20.4	-13.5	-20.7	-20.5	-21.3		-20.4	-2.1	-4.4	-20.3	-19.0		-20.2	
03/16/09	9:11 AM	86.3	-20.0	-10.5	-21.7	-21.5	-21.9		-20.5	-1.4	-3.8	-20.0	-17.0		-20.5	
03/24/09	9:13 AM	89.0	-21.0	-12.1	-21.3	-21.3	-21.8		-20.4	-1.6	-4.3	-17.6	-16.2		-12.7	
03/30/09	9:13 AM	90.6	-20.3	-10.3	-21.1	-20.0	-21.5		-16.5	-0.7	-4.2	-20.4	-17.3		-8.5	
04/06/09	9:08 AM	93.4	-18.0	-11.6	-23.8	-21.0	-22.4		-18.2	-0.8	-4.5	-22.0	-18.2		-10.3	
04/14/09	8:55 AM	92.8	-13.7	-11.0	-22.5	-22.0	-24.0		-23.1	-1.8	-3.7	-22.8	-18.8		-9.2	AC Down, Restart
04/20/09	9:30 AM		-12.5	-10.3	-21.5	-22.1	-24.3		-23.2	-1.9	-2.4	-18.5	-21.3		-9.4	
04/28/09	9:20 AM	82.9	-14.1	-12.6	-23.0	-23.2	-24.6		-22.4	-1.1	-2.2	-20.2	-17.4		-10.1	AC Down, Restart
05/11/09	9:45 AM	83.0	-10.0	-9.9	-23.0	-23.0	-23.9		-22.5	-1.2	-4.0	-14.5	-17.8		-9.3	
05/26/09	9:01 AM	96.0	-10.3	-9.6	-22.9	-25.0	-22.8		-22.2	-0.8	-4.9	-18.2	-20.5		-7.9	
06/01/09	10:00 AM	81.3	-8.0	-10.5	-22.1	-22.4	-22.8		-22.8	-0.9	-4.6	-21.0	-20.8		-8.4	
06/09/09	8:00 AM	80.7	-7.5	-9.8	-22.0	-22.0	-21.6		-21.6	-0.8	-5.8	-18.8	-20.7		-8.8	
06/15/09	8:30 AM	123	-1.5	-10.2	-20.5	-21.3	-20.9		-21.3	-0.3	-4.9	-18.9	-19.2		-7.2	
06/29/09	9:15 AM	104	-6.0	-14.6	-20.4	-20.2	-20.5		-20.4	-0.3	-3.7	-20.4	-19.7		-7.1	
07/06/09	8:30 AM	112														AC Down, Restart
07/14/09	9:00 AM	132	-7.2	-19.8	-20.1	-20.0	-20.1		-19.7	-0.3	-5.8	-19.7	-19.3		-7.0	AC Down, Restart
07/20/09	8:30 AM	105	-5.9	-19.9	-20.4	-22.2	-20.0		-19.8	-0.2	-4.5	-20.0	-19.6		-6.1	
07/27/09	10:00 AM	103	-6.9	-19.9	-19.6	-19.9	-19.8		-20.2	-0.6	-6.2	-20.2	-18.9		-5.9	
08/03/09	9:00 AM	134	-7.1	-19.7	-20.3	-20.2	-20.1		-20.1	-0.4	-6.1	-20.5	-19.1		-6.8	System Down, Restart
08/12/09	8:40 AM	120	-18.4	-19.5	-19.5	-19.6	-19.9		-19.5	-0.4	-8.5	-19.7	-18.5		-6.6	
08/24/09	8:30 AM	120	-18.7	-18.5	-18.9	-18.7	-18.9		-18.9	-0.4	-18.3	-18.8	-17.6		-5.8	AC Down, Restart
08/31/09	8:45 AM	128	-19.1	-18.9	-19.0	-19.0	-19.2		-18.6	-0.1	-18.4	-18.8	-17.9		-6.5	AC Down, Restart
09/08/09	10:30 AM	114	-18.7	-18.5	-18.7	-18.7	-18.7		-18.4	-0.2	-18.1	-18.4	-17.7		-4.9	AC Down, Restart
09/16/09	8:30 AM	127	-19.1	-18.8	-19.0	-18.8	-19.2		-19.4	-0.1	-18.3	-18.7	-17.9		-6.2	
09/28/09	8:30 AM	120	-19.6	-19.2	-19.1	-19.1	-19.2		-19.0	-0.1	-18.5	-18.9	-17.8		-9.6	AC Not Pressuring Up, Shut Down
10/05/09	9:45 AM	102	-18.7	-18.3	-18.9	-18.7	-18.8		-18.4	-0.3	-18.0	-18.6	-17.6		-8.1	AC Repairs, Restart
10/12/09	8:45 AM	165	-19.6	-19.2	-19.4	-19.3	-19.4		-19.2	-0.2	-18.7	-19.5	-18.3		-10.5	SVE Down, Restart
10/26/09	12:35 PM	158	-19.9	-19.4	-19.7	-19.1	-19.1		-19.0	-0.1	-18.6	-19.5	-18.3		-9.7	
11/03/09	9:00 AM	155	-19.9	-19.6	-19.9	-19.6	-20.0		-19.4	-0.2	-18.7	-19.5	-18.5		-10.4	
11/10/09	8:45 AM	125	-20.1	-19.8	-20.0	-20.1	-19.5		-19.5	-0.1	-19.2	-19.7	-18.8		-10.2	
11/23/09	8:45 AM	124	-21.0	-18.0	-20.5	-20.3	-20.8		-20.5	-0.1	-20.0	-20.4	-19.0		-14.6	
11/30/09	9:00 AM	117	-21.2	-16.6	-21.5	-20.7	-21.2		-20.4	-0.1	-20.3	-18.4	-19.6		-13.4	
12/07/09	9:00 AM	94.3	-22.6	-12.6	-21.5	-20.8	-21.5		-20.7	-0.1	-20.4	-17.2	-16.9		-14.6	
12/22/09	9:00 AM		-18.9	-12.1	-20.7	-20.9	-21.2		-20.3	-0.1	-19.4	-17.7	-18.8		-19.0	AC Down, Restart

Table 7C

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

Monitoring Point **-** *Measurements = inches of water at wellhead vacuum (-); pressure (+)*

Date	Time	PID (ppm)	MW-4 SVE-1	MW-5 SVE-2	MW-6 SVE-3	MW-7 SVE-4	MW-8 SVE-5	MW-9 SVE-6	MW-10 SVE-7	MW-11 SVE-8	MW-12 SVE-9	SVE-10	MW-14 SVE-11	MW-15 SVE-12	MW-18 SVE-13	Comments
01/04/10	9:30 AM	107	-20.7	-12.6	-21.8	-21.5	-22.0		-21.0	-0.1	-13.7	-20.4	-11.5		-21.5	
01/11/10	9:20 AM	108	-20.6	-12.0	-22.3	-22.8	-21.6		-15.6	-0.1	-12.2	-0.1	-10.8		-20.8	
01/18/10	9:40 AM		-19.0	-10.6	-16.7	-21.6	-22.9		-19.5	-0.1	-12.0	-0.1	-14.7		-20.4	
02/01/10	9:40 AM	93.5	-19.8	-11.8	-16.1	-23.0	-21.6		-20.8	-0.1	-15.8	-0.1	-14.6		-11.0	
02/08/10	9:30 AM	98.7														Too Wet to Check
02/22/10	9:00 AM	92.2	-9.6	-10.2	-11.4	-20.2	-24.0		-19.5	0.0	-13.3	-0.2	-17.6		-7.8	
03/01/10	9:15 AM	95.9	-10.1	-10.0	-8.9	-16.4	-24.7		-21.3	0.0	-17.9	-0.1	-12.8		-8.0	
03/08/10	8:45 AM	91.6	-10.2	-7.8	-11.4	-17.8	-25.0		-17.8	0.0	-15.4	0.0	-14.4		-6.9	
03/22/10	9:40 AM	80.8	-9.2	-7.8	-11.4	-10.3	-23.0		-22.1	0.0	-15.1	-0.1	-19.9		-8.1	
03/29/10	9:40 AM	77.0	-9.5	-6.3	-9.4	-12.4	-24.6		-21.0	-0.1	-19.5	0.0	-16.0		-8.8	
04/05/10	9:00 AM	67.4	-8.4	-7.4	-9.8	-10.9	-23.5		-22.0	0.0	-21.0	0.0	-19.3		-7.7	
04/13/10	9:00 AM	69.7	-6.9	-7.0	-10.0	-7.1	-23.1		-20.2	0.0	-18.3	0.0	-16.3		-6.8	
04/19/10	10:00 AM	79.3	-7.7	-7.2	-9.3	-6.7	-24.1		-20.3	0.0	-19.2	0.0	-15.4		-4.9	
04/26/10	12:15 PM		-9.4	-7.5	-8.7	-9.1	-23.9		-22.3	0.0	-20.7	0.0	-19.1		-5.4	
05/03/10	9:00 AM		-8.0	-7.3	-6.8	-7.0	-22.6		-21.3	0.0	-17.9	0.0	-14.8		-5.2	
05/14/10	11:00 AM		-8.4	-5.8	-7.8	-7.6	-20.6		-21.6	0.0	-21.0	0.0	-19.3		-4.4	
05/20/10	10:30 AM	79.6	-6.0	-6.7	-6.2	-5.6	-20.0		-22.9	0.0	-17.0	0.0	-15.4		-6.5	
05/27/10	9:20 AM	74.0	-6.5	-6.8	-6.4	-8.1	-20.3		-21.7	0.0	-20.6	0.0	-19.2		-5.7	
06/01/10	8:20 AM	79.6	-8.0	-7.8	-5.0	-5.4	-19.9		-21.6	0.0	-20.9	0.0	-20.0		-6.1	
06/07/10	9:00 AM	79.9	-10.9	-6.7	-5.4	-7.8	-18.9		-21.0	0.0	-21.0	0.0	-19.9		-4.7	
06/15/10	8:45 AM	97.0	-5.8	-5.7	-4.7	-5.8	-17.0		-23.0	0.0	-21.0	0.0	-19.4		-6.1	
06/28/10	8:45 AM	151.0	-6.3	-4.7	-4.5	-13.3	-20.6		-20.2	0.0	-19.5	0.0	-18.9		-5.8	
07/19/10	8:55 AM	138.0	-6.5	-4.2	-6.6	-19.9	-20.6		-19.4	0.0	-19.8	0.0	-19.0		-3.4	
07/26/10	9:55 AM	155.0	-5.6	-5.7	-6.7	-20.6	-20.4		-20.1	0.0	-19.7	0.0	-18.0		-5.4	
08/09/10	9:22 AM		-5.2	-6.6	-7.0	-20.7	-20.4		-20.0	0.0	-19.2	0.0	-17.7		-6.0	
08/16/10	9:00 AM		-4.5	-9.0	-5.0	-20.6	-20.5		-20.6	0.0	-19.7	0.0	-18.8		-5.6	
08/30/10	8:30 AM	127.0	-5.1	-20.0	-6.5	-19.8	-20.0		-20.0	0.0		0.0	-19.1		-4.4	
09/07/10	9:00 AM	132.0	-5.9	-19.5	-5.5	-20.2	-20.0		-20.1	0.0	-19.7	0.0	-19.2		-6.0	
09/13/10	9:55 AM	120.0	-5.3	-19.7	-6.7	-20.1	-19.9		-20.1	0.0	-19.4	0.0	-19.1		-5.2	
09/20/10	9:10 AM	122.0	-5.7	-19.9	-7.1	-20.5	-20.0		-19.9	0.0	-19.8	0.0	-18.9		-6.9	
09/27/10	9:30 AM	124.0	-4.8	-20.0	-6.8	-20.2	-19.9		-20.0	0.0	-19.5	0.0	-19.0		-5.8	
10/04/10	8:40 AM	137.0	-6.0	-20.7	-9.2	-20.4	-20.8		-20.9	0.0	-20.1	0.0	-19.1		-7.1	
10/12/10	9:00 AM	136.0	-5.2	-20.4	-10.3	-20.8	-20.2		-21.0	0.0	-20.0	0.0	-19.4		-7.4	
10/19/10	9:30 AM	134.0	-4.9	-20.3	-13.3	-20.5	-20.1		-20.3	0.0	-20.3	0.0	-19.0		-5.6	
10/25/10	8:40 AM	141.0	-6.2	-19.6	-16.2	-20.0	-20.0		-19.9	0.0	-19.3	0.0	-18.4		-7.4	
11/01/10	8:55 AM	172.0	-6.7	-20.2	-17.4	-20.3	-20.3		-20.2	0.0	-20.1	0.0	-19.1		-6.4	
11/09/10	9:00 AM	140.0	-6.8	-19.7	-19.4	-20.1	-20.2		-20.1	0.0	-19.4	0.0	-18.7		-6.7	
11/22/10	10:29 AM	112.0	-5.0	-19.7	-16.8	-21.2	-21.0		-21.0	0.0	-20.2	0.0	-19.3		-5.5	
12/06/10	10:00 AM	97.0	-5.8	-14.8	-12.4	-22.7	-22.8		-22.0	0.0	-21.2	0.0	-19.3		-6.0	
12/13/10	11:00 AM	93.0	-6.2	-13.9	-17.0	-22.0	-22.9		-21.4	0.0	-20.9	0.0	-19.4		-5.4	

Table 7C

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

Monitoring Point - *Measurements = inches of water at wellhead vacuum (-); pressure (+)*

Date	***Time***	***PID*** *(ppm)*	***MW-4*** ***SVE-1***	***MW-5*** ***SVE-2***	***MW-6*** ***SVE-3***	***MW-7*** ***SVE-4***	***MW-8*** ***SVE-5***	***MW-9*** ***SVE-6***	***MW-10*** ***SVE-7***	***MW-11*** ***SVE-8***	***MW-12*** ***SVE-9***	***SVE-10***	***MW-14*** ***SVE-11***	***MW-15*** ***SVE-12***	***MW-18*** ***SVE-13***	***Comments***
01/04/11	11:25 AM	50.6														AC/SVE Off, Restart
01/10/11	10:23 AM	77.7	-5.3	-11.4	-12.6	-22.2	-23.2		-21.8	0.0	-18.1	0.0	-15.3		-5.1	
01/17/11	10:00 AM	77.7	-5.6	-12.1	-17.3	-22.8	-22.6		-22.2	0.0	-15.6	0.0	-12.8		-3.3	
01/24/11	9:10 AM	80.2	-5.8	-11.7	-13.5	-22.5	-22.5		-21.5	0.0	-14.9	0.0	-14.1		-4.4	
01/31/11	8:30 AM	79.9	-7.8	-11.0	-15.3	-21.7	-22.6		-21.6	0.0	-3.8	0.0	-13.2		-5.5	
02/07/11	10:30 AM	73.0	-5.5	-12.7	-18.0	-23.0	-23.0		-20.9	0.0	-0.9	0.0	-13.5		-5.3	
02/14/11	11:00 AM		-7.7	-12.0	-17.0	-24.1	-23.9		-23.0	0.0	-0.2	0.0	-18.1		-4.4	
03/07/11	10:50 AM	91.1	-5.2	-8.2	-16.4	-23.8	-24.0		-20.2	0.0	-0.2	0.0	-14.9		-4.0	
03/21/11	10:15 AM		-8.0	-9.5	-9.8	-23.1	-23.1		-23.0	0.0	0.0	0.0	-19.3		-5.3	
03/07/11	10:50 AM	91.1	-5.2	-8.2	-16.4	-23.8	-24.0		-20.2	0.0	-0.2	0.0	-14.9		-4.0	
03/21/11	10:15 AM		-8.0	-9.5	-9.8	-23.1	-23.1		-23.0	0.0	0.0	0.0	-19.3		-5.3	
03/28/11	10:10 AM	67.7	-6.8	-9.2	-10.1	-23.0	-23.0		-23.1	0.0	0.0	0.0	-19.0		-4.7	
04/04/11	12:45 PM	77.9	-19.0	-8.8	-8.4	-23.5	-22.3		-22.5	0.0	0.0	0.0	-19.1		-6.0	
04/11/11	8:30 AM	64.0	-19.1	-7.9	-6.8	-23.6	-21.3		-20.9	0.0	0.0	0.0	-19.1		-4.9	
05/02/11	9:00 AM		-0.1	-6.4	-24.1	-21.8	-17.8		-23.1	0.0	0.0	0.0	-16.2		-2.7	
05/09/11	8:45 AM		-0.1	-4.5	-23.0	-23.3	-18.2		-22.4	0.0	0.0	0.0	-16.5		-2.0	
05/31/11	8:45 AM	62.0	0.0	-4.0	-22.5	-22.7	-19.0		-22.8	0.0	0.0	0.0	-21.2		-2.7	
06/06/11	8:40 AM	62.5	0.0	-3.8	-23.1	-22.9	-17.0		-22.9	0.0	0.0	0.0	-21.4		-2.7	
06/20/11	10:00 AM		0.0	-2.4	-22.0	-22.2	-23.3		-21.5	0.0	0.0	0.0	-20.8		-2.2	
06/27/11	8:30 AM	55.5	0.0	-4.7	-22.6	-22.4	-22.7		-22.7	0.0	0.0	0.0	-20.4		-2.1	
07/05/11	10:15 AM	57.7	0.0	-3.8	-22.4	-22.3	-22.5		-22.7	0.0	0.0	0.0	-20.4		-1.0	
08/16/11	1:30 PM	35.0	0.0	-16.4	-21.4	-21.9	-22.0		-21.6	0.0	0.0		-19.9		-1.4	
08/23/11	12:00 PM	35.6	-0.1	-20.8	-21.1	-21.3	-21.9		-20.9	-0.1	0.0		-19.3		-2.1	
09/08/11	10:02 AM	87.9	0.0	-22.3	-22.5	-22.4	-22.4		-22.2	0.0	0.0		-20.7		-0.6	
09/22/11	10:23 AM	53.7	0.0	-23.0	-22.9	-22.8	-22.8		-22.6	0.0	0.0		-21.0		-0.8	
10/05/11	11:26 AM	53.1	-0.1	-22.5	-22.7	-22.4	-22.4		-22.7	-0.1	0.0		-20.7		-0.2	
10/27/11	2:00 PM	49.0	0.0	-23.8	-23.9	-24.1	-24.4		-23.9	0.0	0.0		-22.2		-0.9	
12/13/11	1:30 PM	47.0	0.0	-23.2	-23.5	-24.0	-24.0		-23.9	0.0	0.0		-22.1		-0.3	AC off, restart

Table 7C

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

Monitoring Point **-** *Measurements = inches of water at wellhead vacuum (-); pressure (+)*

Date	*Time*	*PID (ppm)*	*MW-4 SVE-1*	*MW-5 SVE-2*	*MW-6 SVE-3*	*MW-7 SVE-4*	*MW-8 SVE-5*	*MW-9 SVE-6*	*MW-10 SVE-7*	*MW-11 SVE-8*	*MW-12 SVE-9*	*SVE-10*	*MW-14 SVE-11*	*MW-15 SVE-12*	*MW-18 SVE-13*	*Comments*
01/19/12	1:25 PM	33.0	0.0	-13.2	-17.3	-24.7	-25.7		-24.7	0.0	-0.1		-19.3		-0.1	
02/07/12	12:00 PM	33.0	-0.3	-15.6	-15.3	-25.7	-28.1		-25.6	-0.1	-0.1		-20.2		-0.1	
03/15/12	1:00 PM	33.6	-0.1	-12.2	-11.3	-19.5	-19.1		-26.3	0.0	-0.1		-19.5		-0.1	
04/05/12	1:00 PM	15.3	-0.1	-10.5	-10.6	-15.9	-20.8		-19.0	0.0	0.0		-19.4		-0.1	
04/26/12	1:15 PM	15.5	0.0	-7.5	-8.0	-15.9	-19.0		-20.5	0.0	-0.1		-19.2		-0.1	
05/24/12	1:30 PM	25.9	-0.1	-4.0	-5.9	-13.8	-15.2		-23.7	0.0	0.0		-19.5		-0.1	
06/14/12	2:05 PM	19.2	0.0	-3.9	-5.0	-16.3	0.0		22.0	-12.3	-0.1		-19.0		0.0	
11/15/12	4:14 PM		-0.1	-2.8	-2.8	-25.8	-23.9		-24.0	-0.1	0.0		-21.6		0.0	
11/29/12	1:20 PM	33.7	0.0	-3.1	-0.3	-23.1	-24.2		-22.8	-0.1	0.0		-21.1		0.0	
12/07/12	3:56 PM	30.2	0.0	-3.6	0.0	-23.8	-22.9		-23.6	0.0	0.0		-21.4		0.0	
12/11/12	1:10 PM	31.2	0.0	-2.2	-3.2	-25.3	-22.9		-25.1	0.0	0.0		-22.4		0.0	
12/20/12	11:40 AM		0.0	-2.9	-3.0	-26.5	-27.1		-25.8	0.0	0.0		-22.8		0.0	

Table 7C

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

Monitoring Point - *Measurements = inches of water at wellhead vacuum (-); pressure (+)*

Date	Time	PID (ppm)	MW-4 SVE-1	MW-5 SVE-2	MW-6 SVE-3	MW-7 SVE-4	MW-8 SVE-5	MW-9 SVE-6	MW-10 SVE-7	MW-11 SVE-8	MW-12 SVE-9	SVE-10	MW-14 SVE-11	MW-15 SVE-12	MW-18 SVE-13	Comments
01/03/13	12:00 PM		0.0	-2.6	-0.3	-29.0	-29.2		-28.3	0.0	0.0		-24.8		0.0	
01/11/13	3:21 PM	24.0														SWA
01/17/13	2:34 PM	34.0	0.0	-2.6	-1.7	-29.3	-27.5		-28.3	0.0	0.0		-23.6		0.0	
01/24/13	2:37 PM	35.0	0.0	-1.8	-0.8	-29.7	-26.8		-26.1	0.0	0.0		-23.6		0.0	
01/31/13	1:18 PM	30.0	-0.1	-3.0	-1.3	-29.3	-28.3		-27.6	0.0	0.0		-22.0		0.0	
02/07/13	3:01 PM	30.0	-0.1	-3.8	-1.0	-28.3	-29.0		-27.6	0.0	0.0		-22.2		0.0	
02/14/13	12:35 PM	27.6	-1.0	-4.0	-0.3	-29.4	-28.7		-28.8	-0.1	0.0		21.7		-0.1	
02/28/13	11:48AM	14.0	0.0	-1.4	-0.3	-0.5	-26.4		-28.9	0.0	0.0		-23.9		0.0	
03/07/13	2:59 PM	9.0	0.0	-2.9	-0.6	-0.5	-20.2		-28.4	0.0	0.0		-21.6		0.0	
03/14/13	12:25 PM	12.6	-0.1	-2.5	-0.2	-0.2	-25.1		-27.6	0.0	0.0		-21.9		-0.1	
03/19/13	1:30 PM	9.5	-0.2	-3.8	-0.4	-0.4	-23.6		-28.0	0.0	-0.1		-21.9		-0.2	
03/28/13	12:15 PM	9.0	-0.1	-2.1	-0.3	-0.5	-20.1		-22.7	-0.1	-0.1		-21.7		-0.2	
04/05/13	1:27 PM	10.0	-0.1	-1.1	-0.1	-0.4	-15.2		-21.7	0.0	-0.4		-17.4		0.0	
04/10/13	1:45 PM	8.3	-0.1	-3.6	-0.3	-0.3	-19.3		-28.9	0.0	-0.2		-21.4		-0.2	
04/18/13	9:45 AM	9.7	-0.1	-4.1	-0.1	-0.4	-18.6		-29.7	0.0	0.0		-22.7		-0.1	
04/25/13	12:00 PM	7.5	-0.1	-2.6	-0.4	-0.1	-18.6		-28.1	-0.2	0.0		-21.9		0.0	
05/02/13	9:30 AM	8.7	-0.2	-4.3	-0.2	-0.5	-20.3		-30.6	-0.1	-0.1		-24.1		-0.4	
05/09/13	11:45 AM		-0.2	-2.0	0.0	0.0	-4.0		-26.5	0.0	0.0		21.5		0.0	
05/16/13	12:25 PM	19.0	-0.2	-2.9	-0.4	0.0	-11.4		-25.6	0.0	0.0		20.5		0.0	
05/23/13	12:41 PM	15.0	0.0	-0.5	0.0	0.0	-15.6		-28.9	0.0	0.0		21.9		0.0	
05/30/13	12:51 PM		-0.1	-2.4	-0.2	-0.2	-13.6		-27.3	0.0	0.0		21.7		0.0	
06/06/13	10:47 PM	16.0	-0.1	-2.8	-0.1	-0.2			-28.1	0.0	0.0		23.8		0.0	
06/13/13	5:17 PM	15.0	0.0	-2.7	0.0	0.0	-14.7		-25.9	0.0	0.0		-22.5		0.0	
06/27/13	10:45 AM	14.0	0.0	-3.2	-0.1	-0.1	-13.8		-26.9	0.0	0.0		-23.1		0.0	
07/02/13	12:15 PM	9.3	0.0	-2.9	0.0	0.0	-13.3		-27.2	0.0	-0.1		-22.7		-0.1	
07/19/13	12:44 PM	12.2														SWA (Too Muddy)
07/26/13	3:25 PM	10.0	0.0	-3.4	0.0	-0.1	-15.9		-26.2	0.0	0.0		-23.0		0.0	
08/22/13	12:10 PM	6.0	0.0	-2.4	0.0	0.0	-21.7		-25.9	0.0	0.0		-22.9		0.0	
09/05/13	1:26 PM	7.5	0.0	-2.2	0.0	0.0	-19.2		-28.0	0.0	0.0		-23.1		-0.2	
09/19/13	2:40 PM		0.0	-4.5	0.0	0.0	-28.3		-25.6	0.0	0.0		-22.6		0.0	
10/03/13	3:02 PM	88.9	-0.1	-6.4	0.0	-0.1	-25.5		-26.2	0.0	0.0		-22.2		-0.1	
10/31/13	1:25 PM		-0.1	-5.0	0.0	0.0	-27.7		-27.0	-0.1	0.0		-24.8		0.0	
11/14/13	1:40 PM	85.3	-0.1	-7.6	-0.1	-0.1	-26.3		-26.2	-0.1	-0.1		-22.8		-0.1	
11/27/13	10:45 AM	18.1	0.0	-8.2	0.0	0.0	-29.6		-30.6	0.0	0.0		-24.8		0.0	
12/14/13	2:35 PM	86.9	0.0	6.7	0.0	0.0	-27.3		-29.2	0.0	0.0		-23.7		0.0	
12/24/13	10:40 AM	89.7	0.0	7.3	0.0	0.0	-26.2		-27.9	0.0	0.0		-22.6		0.0	
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

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

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

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

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

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

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

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

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.

Table 8

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

Date	*Time*	*Water Level (ft BTOT)*	*Tank Height (feet)*	*Water Thickness (feet)*	*LPH Level (ft BTOT)*	*LPH Thickness (feet)*	*LPH Volume (gallons)*	*Water Volume (gallons)*	*LPH Volume (barrels)*	*Water Volume (barrels)*
Jan-June'02	- approximately 100 barrels removed from site reported by ConocoPhillips						4,200		100	
20-Aug-02	1:15 PM	4.06	10.2	6.14	0.81	3.25	1,909	3,607	45	86
	1:25 PM	0.00	10.2		0.00	0.00	0	0		
22-Nov-02	1:15 PM	3.50	10.2	6.7	0.00	3.50	2,056	3,936	49	94
	1:25 PM	0.00	10.2		0.00	0.00	0	0		
17-Dec-02	11:15 AM	2.87	10.2	7.33	2.25	0.62	364	4,306	9	103
	1:15 PM	0.00	10.2		0.00	0.00	0	0		
13-Mar-03	1:15 PM	4.47	10.2	5.73	3.50	0.97	570	3,366	14	80
	3:15 PM	0.00	10.2		0.00	0.00	0	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	3,448	6	82
4-Feb-04	19:00	0.77	10.2	9.43	0.05	0.72	423	5,540	10	132
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	0	0	0
25-Mar-04	14:30	5.63	10.2	4.57	5.03	0.60	352	2,685	8	64
19-Apr-04	14:45	4.93	10.2	5.27	4.30	0.63	370	3,096	9	74
	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	0	0	0
10-May-04	15:30	6.57	10.2	3.63	6.18	0.39	229	2,133	5	51
26-May-04	14:00	6.10	10.2	4.10	5.66	0.44	258	2,409	6	57
9-Jun-04	12:15	6.06	10.41	4.35	5.66	0.40	235	2,556	6	61
	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	206	2	5
30-Jun-04	16:30	10.05	10.41	0.36	9.89	0.16	94	211	2	5
20-Jul-04	16:00	8.78	10.41	1.63	8.56	0.22	129	958	3	23
11-Aug-04	13:30	7.56	10.41	2.85	7.22	0.34	200	1,674	5	40
17-Aug-04	12:45	7.28	10.41	3.13	6.89	0.39	229	1,839	5	44
24-Aug-04	12:30	5.22	10.41	5.19	4.79	0.43	253	3,049	6	73
31-Aug-04	11:00	3.55	10.41	6.86	3.07	0.48	282	4,030	7	96
8-Sep-04	11:00	2.42	10.41	7.99	1.67	0.75	441	4,694	10	112

Table 8

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

Date	*Time*	*Water Level (ft BTOT)*	*Tank Height (feet)*	*Water Thickness (feet)*	*LPH Level (ft BTOT)*	*LPH Thickness (feet)*	*LPH Volume (gallons)*	*Water Volume (gallons)*	*LPH Volume (barrels)*	*Water Volume (barrels)*
	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	1,369	5	33
25-Oct-04	16:30	7.76	10.41	2.65	7.41	0.35	206	1,557	5	37
10-Jan-05	13:00	5.72	10.41	4.69	5.36	0.36	211	2,755	5	66
24-Aug-05	13:15	4.76	10.41	5.65	4.45	0.31	182	3,319	4	79
15-Sep-05	10:40	4.76	10.41	5.65	4.46	0.30	176	3,319	4	79
22-Nov-05	9:30	4.81	10.41	5.60	4.50	0.31	182	3,290	4	78
29-Nov-05	11:10	1.00	10.41	9.41	0.77	0.23	135	5,528	3	132
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	47	1	1
12-Dec-05	11:00	10.32	10.41	0.09	10.28	0.04	23	53	1	1
23-Jan-06	9:45	10.38	10.41	0.03	10.33	0.05	29	18	1	0
22-Mar-06	10:50	10.39	10.41	0.02	10.33	0.06	35	12	1	0
4-Apr-06	11:15	10.38	10.41	0.03	10.33	0.05	29	18	0.7	0.4
11-Apr-06	10:45	10.38	10.41	0.03	10.34	0.04	23	18	0.6	0.4
17-Apr-06	10:45	10.39	10.41	0.02	10.35	0.04	23	12	0.6	0.3
3-May-06	11:00	10.39	10.41	0.02	10.33	0.06	35	12	0.8	0.3
19-May-06	10:30	10.39	10.41	0.02	10.34	0.05	29	12	0.7	0.3
31-May-06	10:30	10.39	10.41	0.02	10.35	0.04	23	12	0.6	0.3
9-Jun-06	11:35	10.39	10.41	0.02	10.35	0.04	23	12	0.6	0.3
12-Jun-06	9:16	10.41	10.41	0.00	10.36	0.05	29	0	0.7	0.0
26-Jun-06	8:50	10.41	10.41	0.00	10.36	0.05	29	0	0.7	0.0
5-Jul-06	10:35	10.40	10.41	0.01	10.35	0.05	29	6	0.7	0.1
10-Jul-06	9:05	10.42	10.41	-0.01	10.36	0.06	35	-6	0.8	-0.1
17-Jul-06	11:10	10.40	10.41	0.01	10.36	0.04	23	6	0.6	0.1
2-Aug-06	10:40	10.43	10.41	-0.02	10.39	0.04	23	-12	0.6	-0.3
14-Aug-06	9:55	10.41	10.41	0.00	10.38	0.03	18	0	0.4	0.0
21-Sep-06	10:00	10.36	10.41	0.05	10.32	0.04	23	29	0.6	0.7

Table 8

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

Date	*Time*	*Water Level (ft BTOT)*	*Tank Height (feet)*	*Water Thickness (feet)*	*LPH Level (ft BTOT)*	*LPH Thickness (feet)*	*LPH Volume (gallons)*	*Water Volume (gallons)*	*LPH Volume (barrels)*	*Water Volume (barrels)*
25-Sep-06	9:15	10.36	10.41	0.05	10.32	0.04	23	29	0.6	1
2-Oct-06		8.73	10.41	1.68	8.70	0.03	18	987	0.4	23
10-Oct-06	12:20	7.31	10.41	3.10	7.28	0.03	18	1,821	0.4	43
23-Oct-06	10:00	7.11	10.41	3.30	7.07	0.04	23	1,939	0.6	46
30-Oct-06	10:15	7.22	10.41	3.19	7.19	0.03	18	1,874	0.4	45
6-Nov-06	10:45	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
21-Oct-06	8:30	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
28-Nov-06	9:40	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
5-Dec-06	10:20	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
11-Dec-06	9:30	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
18-Dec-06	10:20	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
2-Jan-07	10:55	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
8-Jan-07	10:42	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
16-Jan-07	10:45	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
25-Jan-07	11:30	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
5-Feb-07	10:45	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
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	311	0.1	7

		Crude Oil	Water	Recovery Rate (BPD)	
Total Volume Recovered (gallons)	=	11,887	38,938	Oil	Water
Total Volume Recovered (barrels)	=	283	927	0.000	0.00

Notes:
ft BTOT = feet below top of tank
bbl = barrels
BPD = barrels per day

Appendix A
Groundwater Laboratory Analytical Reports

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

October 05, 2016

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

RE: Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Dear Moshghan Mansoori:
Enclosed are the analytical results for sample(s) received by the laboratory on September 27, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC 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 Spiller

Alice Spiller
alice.spiller@pacelabs.com
Project Manager

Enclosures

cc: Christopher Knight, GHD Services

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219
WY STR Certification #: 2456.01
Arkansas Certification #: 15-016-0
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
Kansas Field Laboratory Accreditation: # E-92587

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60228601001	**MW-4-09222016**	Water	09/22/16 09:20	09/27/16 08:40
60228601002	**MW-6-09222016**	Water	09/22/16 10:20	09/27/16 08:40
60228601003	**MW-8-09222016**	Water	09/22/16 10:50	09/27/16 08:40
60228601004	**MW-10-09222016**	Water	09/22/16 11:20	09/27/16 08:40
60228601005	**MW-12-09222016**	Water	09/22/16 11:50	09/27/16 08:40
60228601006	**MW-13-09222016**	Water	09/22/16 12:10	09/27/16 08:40
60228601007	**MW-14-09222016**	Water	09/22/16 12:40	09/27/16 08:40
60228601008	**MW-16-09222016**	Water	09/22/16 13:10	09/27/16 08:40
60228601009	**MW-18-09222016**	Water	09/22/16 13:40	09/27/16 08:40
60228601010	**MW-22-09222016**	Water	09/22/16 14:05	09/27/16 08:40
60228601011	**MW-23-09222016**	Water	09/22/16 14:35	09/27/16 08:40
60228601012	**MW-24-09222016**	Water	09/22/16 15:00	09/27/16 08:40
60228601013	**MW-25**	Water	09/22/16 14:30	09/27/16 08:40
60228601014	**MW-26**	Water	09/22/16 16:00	09/27/16 08:40
60228601015	**MW-27**	Water	09/22/16 16:30	09/27/16 08:40
60228601016	**DUP-1**	Water	09/22/16 08:00	09/27/16 08:40
60228601017	**DUP-2**	Water	09/22/16 08:00	09/27/16 08:40
60228601018	**TRIP BLANK 1**	Water	09/22/16 08:00	09/27/16 08:40
60228601019	**TRIP BLANK 2**	Water	09/22/16 08:00	09/27/16 08:40

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60228601001	MW-4-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601002	MW-6-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601003	MW-8-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601004	MW-10-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601005	MW-12-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601006	MW-13-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601007	MW-14-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601008	MW-16-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601009	MW-18-09222016	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601010	MW-22-09222016	EPA 8015B	AJM	3	PASI-K

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601011	**MW-23-09222016**	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601012	**MW-24-09222016**	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601013	**MW-25**	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601014	**MW-26**	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601015	**MW-27**	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601016	**DUP-1**	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K
60228601017	**DUP-2**	EPA 8015B	AJM	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	EAG	8	PASI-K
		EPA 300.0	OL	1	PASI-K

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PROJECT NARRATIVE

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Method: **EPA 8015B**
Description: 8015B Diesel Range Organics
Client: GHD_Phillips 66 Texas
Date: October 05, 2016

General Information:
17 samples were analyzed for EPA 8015B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

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:

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PROJECT NARRATIVE

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Method: **EPA 5030B/8015B**
Description: Gasoline Range Organics
Client: GHD_Phillips 66 Texas
Date: October 05, 2016

General Information:
17 samples were analyzed for EPA 5030B/8015B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

QC Batch: 448775

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- DUP-1 (Lab ID: 60228601016)
  - TPH-GRO
- DUP-2 (Lab ID: 60228601017)
  - TPH-GRO
- MW-18-09222016 (Lab ID: 60228601009)
  - TPH-GRO
- MW-22-09222016 (Lab ID: 60228601010)
  - TPH-GRO
- MW-23-09222016 (Lab ID: 60228601011)
  - TPH-GRO
- MW-24-09222016 (Lab ID: 60228601012)
  - TPH-GRO
- MW-25 (Lab ID: 60228601013)
  - TPH-GRO
- MW-26 (Lab ID: 60228601014)
  - TPH-GRO
- MW-27 (Lab ID: 60228601015)
  - TPH-GRO

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.

QC Batch: 448775

B: Analyte was detected in the associated method blank.

- BLANK for HBN 448775 [GCV/5511 (Lab ID: 1836463)
  - TPH-GRO

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PROJECT NARRATIVE

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Method: **EPA 5030B/8015B**
Description: Gasoline Range Organics
Client: GHD_Phillips 66 Texas
Date: October 05, 2016

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: 448775

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

Additional Comments:

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PROJECT NARRATIVE

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Method: **EPA 8260**
Description: 8260 MSV UST, Water
Client: GHD_Phillips 66 Texas
Date: October 05, 2016

General Information:
17 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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: 448200

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

QC Batch: 448202

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

Additional Comments:

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PROJECT NARRATIVE

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Method: **EPA 300.0**
Description: 300.0 IC Anions 28 Days
Client: GHD_Phillips 66 Texas
Date: October 05, 2016

General Information:
17 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times 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.

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-4-09222016 **Lab ID: 60228601001** Collected: 09/22/16 09:20 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**0.46**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 01:38		
Surrogates									
p-Terphenyl (S)	90	%	18-135		1	09/28/16 00:00	09/29/16 01:38	92-94-4	
n-Tetracosane (S)	68	%	21-121		1	09/28/16 00:00	09/29/16 01:38	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	**0.024J**	mg/L	0.50	0.011	1		10/03/16 17:19		B
Surrogates									
4-Bromofluorobenzene (S)	109	%	82-114		1		10/03/16 17:19	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 17:19		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 00:36	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 00:36	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 00:36	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 00:36	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	80-120		1		09/28/16 00:36	2037-26-5	
4-Bromofluorobenzene (S)	101	%	77-130		1		09/28/16 00:36	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	81-127		1		09/28/16 00:36	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 00:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**152**	mg/L	20.0	10.0	20		10/04/16 10:14	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-6-09222016 **Lab ID: 60228601002** Collected: 09/22/16 10:20 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**0.54**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 01:46		
Surrogates									
p-Terphenyl (S)	92	%	18-135		1	09/28/16 00:00	09/29/16 01:46	92-94-4	
n-Tetracosane (S)	93	%	21-121		1	09/28/16 00:00	09/29/16 01:46	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 17:35		
Surrogates									
4-Bromofluorobenzene (S)	103	%	82-114		1		10/03/16 17:35	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 17:35		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 00:50	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 00:50	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 00:50	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 00:50	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 00:50	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130		1		09/28/16 00:50	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	81-127		1		09/28/16 00:50	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 00:50		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**147**	mg/L	20.0	10.0	20		10/04/16 10:56	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-8-09222016 **Lab ID: 60228601003** Collected: 09/22/16 10:50 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**2.6**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 01:53		
Surrogates									
p-Terphenyl (S)	108	%	18-135		1	09/28/16 00:00	09/29/16 01:53	92-94-4	
n-Tetracosane (S)	110	%	21-121		1	09/28/16 00:00	09/29/16 01:53	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	**0.25J**	mg/L	0.50	0.011	1		10/03/16 17:51		B
Surrogates									
4-Bromofluorobenzene (S)	99	%	82-114		1		10/03/16 17:51	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 17:51		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	**0.000074J**	mg/L	0.0010	0.000060	1		09/28/16 01:04	71-43-2	
Ethylbenzene	**0.00019J**	mg/L	0.0010	0.00018	1		09/28/16 01:04	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 01:04	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 01:04	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	80-120		1		09/28/16 01:04	2037-26-5	
4-Bromofluorobenzene (S)	101	%	77-130		1		09/28/16 01:04	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	81-127		1		09/28/16 01:04	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 01:04		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**150**	mg/L	20.0	10.0	20		10/04/16 11:53	16887-00-6	

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-10-09222016 **Lab ID: 60228601004** Collected: 09/22/16 11:20 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	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	0.23	1	09/28/16 00:00	09/29/16 02:15		
Surrogates									
p-Terphenyl (S)	99	%	18-135		1	09/28/16 00:00	09/29/16 02:15	92-94-4	
n-Tetracosane (S)	93	%	21-121		1	09/28/16 00:00	09/29/16 02:15	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	**0.20J**	mg/L	0.50	0.011	1		10/03/16 18:07		B
Surrogates									
4-Bromofluorobenzene (S)	98	%	82-114		1		10/03/16 18:07	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 18:07		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	**0.000078J**	mg/L	0.0010	0.000060	1		09/28/16 01:19	71-43-2	
Ethylbenzene	**0.00019J**	mg/L	0.0010	0.00018	1		09/28/16 01:19	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 01:19	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 01:19	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 01:19	2037-26-5	
4-Bromofluorobenzene (S)	100	%	77-130		1		09/28/16 01:19	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	81-127		1		09/28/16 01:19	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 01:19		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**156**	mg/L	20.0	10.0	20		10/04/16 12:07	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-12-09222016 **Lab ID: 60228601005** Collected: 09/22/16 11:50 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**0.82**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 02:23		
Surrogates									
p-Terphenyl (S)	94	%	18-135		1	09/28/16 00:00	09/29/16 02:23	92-94-4	
n-Tetracosane (S)	87	%	21-121		1	09/28/16 00:00	09/29/16 02:23	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	**0.29J**	mg/L	0.50	0.011	1		10/03/16 18:23		B
Surrogates									
4-Bromofluorobenzene (S)	99	%	82-114		1		10/03/16 18:23	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 18:23		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	**0.0017**	mg/L	0.0010	0.000060	1		09/28/16 02:15	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 02:15	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 02:15	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 02:15	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 02:15	2037-26-5	
4-Bromofluorobenzene (S)	101	%	77-130		1		09/28/16 02:15	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	81-127		1		09/28/16 02:15	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 02:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**151**	mg/L	20.0	10.0	20		10/04/16 12:21	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-13-09222016 **Lab ID: 60228601006** Collected: 09/22/16 12:10 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**0.30J**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 02:30		
Surrogates									
p-Terphenyl (S)	87	%	18-135		1	09/28/16 00:00	09/29/16 02:30	92-94-4	
n-Tetracosane (S)	66	%	21-121		1	09/28/16 00:00	09/29/16 02:30	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 18:39		
Surrogates									
4-Bromofluorobenzene (S)	95	%	82-114		1		10/03/16 18:39	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 18:39		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 02:29	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 02:29	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 02:29	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 02:29	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 02:29	2037-26-5	
4-Bromofluorobenzene (S)	101	%	77-130		1		09/28/16 02:29	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	81-127		1		09/28/16 02:29	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 02:29		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**80.7**	mg/L	20.0	10.0	20		10/04/16 12:35	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-14-09222016 **Lab ID: 60228601007** Collected: 09/22/16 12:40 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**0.25J**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 02:38		
Surrogates									
p-Terphenyl (S)	78	%	18-135		1	09/28/16 00:00	09/29/16 02:38	92-94-4	
n-Tetracosane (S)	54	%	21-121		1	09/28/16 00:00	09/29/16 02:38	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 18:54		
Surrogates									
4-Bromofluorobenzene (S)	97	%	82-114		1		10/03/16 18:54	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 18:54		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 02:43	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 02:43	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 02:43	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 02:43	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 02:43	2037-26-5	
4-Bromofluorobenzene (S)	100	%	77-130		1		09/28/16 02:43	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	81-127		1		09/28/16 02:43	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 02:43		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**223**	mg/L	20.0	10.0	20		10/04/16 12:49	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-16-09222016 **Lab ID: 60228601008** Collected: 09/22/16 13:10 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	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	0.23	1	09/28/16 00:00	09/29/16 02:45		
Surrogates									
p-Terphenyl (S)	76	%	18-135		1	09/28/16 00:00	09/29/16 02:45	92-94-4	
n-Tetracosane (S)	50	%	21-121		1	09/28/16 00:00	09/29/16 02:45	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 19:10		
Surrogates									
4-Bromofluorobenzene (S)	93	%	82-114		1		10/03/16 19:10	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 19:10		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 02:57	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 02:57	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 02:57	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 02:57	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	80-120		1		09/28/16 02:57	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130		1		09/28/16 02:57	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	81-127		1		09/28/16 02:57	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 02:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**138**	mg/L	20.0	10.0	20		10/04/16 13:04	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-18-09222016 **Lab ID: 60228601009** Collected: 09/22/16 13:40 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**0.35J**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 02:52		
Surrogates									
p-Terphenyl (S)	89	%	18-135		1	09/28/16 00:00	09/29/16 02:52	92-94-4	
n-Tetracosane (S)	88	%	21-121		1	09/28/16 00:00	09/29/16 02:52	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	**0.24J**	mg/L	0.50	0.011	1		10/03/16 19:57		B,CH
Surrogates									
4-Bromofluorobenzene (S)	96	%	82-114		1		10/03/16 19:57	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 19:57		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	**0.00030J**	mg/L	0.0010	0.000060	1		09/28/16 03:11	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 03:11	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 03:11	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 03:11	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	80-120		1		09/28/16 03:11	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130		1		09/28/16 03:11	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	81-127		1		09/28/16 03:11	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 03:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**179**	mg/L	20.0	10.0	20		10/04/16 13:18	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-22-09222016 **Lab ID: 60228601010** Collected: 09/22/16 14:05 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	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	0.23	1	09/28/16 00:00	09/29/16 03:00		
Surrogates									
p-Terphenyl (S)	85	%	18-135		1	09/28/16 00:00	09/29/16 03:00	92-94-4	
n-Tetracosane (S)	60	%	21-121		1	09/28/16 00:00	09/29/16 03:00	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 20:13		CH
Surrogates									
4-Bromofluorobenzene (S)	95	%	82-114		1		10/03/16 20:13	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 20:13		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 03:26	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 03:26	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 03:26	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 03:26	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 03:26	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130		1		09/28/16 03:26	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	81-127		1		09/28/16 03:26	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 03:26		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**100**	mg/L	20.0	10.0	20		10/04/16 13:32	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-23-09222016 **Lab ID: 60228601011** Collected: 09/22/16 14:35 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	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	0.23	1	09/28/16 00:00	09/29/16 03:07		
Surrogates									
p-Terphenyl (S)	85	%	18-135		1	09/28/16 00:00	09/29/16 03:07	92-94-4	
n-Tetracosane (S)	55	%	21-121		1	09/28/16 00:00	09/29/16 03:07	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 20:29		CH
Surrogates									
4-Bromofluorobenzene (S)	109	%	82-114		1		10/03/16 20:29	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 20:29		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 03:40	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 03:40	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 03:40	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 03:40	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	80-120		1		09/28/16 03:40	2037-26-5	
4-Bromofluorobenzene (S)	101	%	77-130		1		09/28/16 03:40	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	81-127		1		09/28/16 03:40	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 03:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**63.7**	mg/L	5.0	2.5	5		10/05/16 10:07	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-24-09222016 **Lab ID: 60228601012** Collected: 09/22/16 15:00 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	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	0.23	1	09/28/16 00:00	09/29/16 03:29		
Surrogates									
p-Terphenyl (S)	100	%	18-135		1	09/28/16 00:00	09/29/16 03:29	92-94-4	
n-Tetracosane (S)	95	%	21-121		1	09/28/16 00:00	09/29/16 03:29	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 20:44		CH
Surrogates									
4-Bromofluorobenzene (S)	99	%	82-114		1		10/03/16 20:44	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 20:44		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 03:54	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 03:54	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 03:54	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 03:54	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	80-120		1		09/28/16 03:54	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130		1		09/28/16 03:54	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	81-127		1		09/28/16 03:54	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 03:54		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**173**	mg/L	20.0	10.0	20		10/04/16 14:28	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-25 **Lab ID: 60228601013** Collected: 09/22/16 14:30 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**0.27J**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 03:36		
Surrogates									
p-Terphenyl (S)	92	%	18-135		1	09/28/16 00:00	09/29/16 03:36	92-94-4	
n-Tetracosane (S)	87	%	21-121		1	09/28/16 00:00	09/29/16 03:36	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 21:00		CH
Surrogates									
4-Bromofluorobenzene (S)	113	%	82-114		1		10/03/16 21:00	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 21:00		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 04:08	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 04:08	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 04:08	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 04:08	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 04:08	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130		1		09/28/16 04:08	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	81-127		1		09/28/16 04:08	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 04:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**125**	mg/L	20.0	10.0	20		10/04/16 14:43	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-26 **Lab ID: 60228601014** Collected: 09/22/16 16:00 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	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	0.23	1	09/28/16 00:00	09/29/16 03:44		
Surrogates									
p-Terphenyl (S)	86	%	18-135		1	09/28/16 00:00	09/29/16 03:44	92-94-4	
n-Tetracosane (S)	78	%	21-121		1	09/28/16 00:00	09/29/16 03:44	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 21:16		CH
Surrogates									
4-Bromofluorobenzene (S)	112	%	82-114		1		10/03/16 21:16	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 21:16		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 04:22	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 04:22	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 04:22	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 04:22	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	80-120		1		09/28/16 04:22	2037-26-5	
4-Bromofluorobenzene (S)	101	%	77-130		1		09/28/16 04:22	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	81-127		1		09/28/16 04:22	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 04:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**113**	mg/L	20.0	10.0	20		10/04/16 14:57	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: MW-27 **Lab ID: 60228601015** Collected: 09/22/16 16:30 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	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	0.23	1	09/28/16 00:00	09/29/16 03:51		
Surrogates									
p-Terphenyl (S)	87	%	18-135		1	09/28/16 00:00	09/29/16 03:51	92-94-4	
n-Tetracosane (S)	84	%	21-121		1	09/28/16 00:00	09/29/16 03:51	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 21:31		CH
Surrogates									
4-Bromofluorobenzene (S)	108	%	82-114		1		10/03/16 21:31	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 21:31		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 04:36	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 04:36	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 04:36	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 04:36	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 04:36	2037-26-5	
4-Bromofluorobenzene (S)	100	%	77-130		1		09/28/16 04:36	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	81-127		1		09/28/16 04:36	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 04:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**138**	mg/L	20.0	10.0	20		10/04/16 15:11	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: DUP-1 **Lab ID: 60228601016** Collected: 09/22/16 08:00 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO	**0.51**	mg/L	0.45	0.23	1	09/28/16 00:00	09/29/16 03:58		
Surrogates									
p-Terphenyl (S)	93	%	18-135		1	09/28/16 00:00	09/29/16 03:58	92-94-4	
n-Tetracosane (S)	87	%	21-121		1	09/28/16 00:00	09/29/16 03:58	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	**0.25J**	mg/L	0.50	0.011	1		10/03/16 21:47		B,CH
Surrogates									
4-Bromofluorobenzene (S)	113	%	82-114		1		10/03/16 21:47	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 21:47		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	**0.00029J**	mg/L	0.0010	0.000060	1		09/28/16 04:50	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 04:50	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 04:50	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 04:50	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 04:50	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130		1		09/28/16 04:50	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	81-127		1		09/28/16 04:50	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 04:50		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**181**	mg/L	20.0	10.0	20		10/04/16 15:25	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Sample: DUP-2 **Lab ID: 60228601017** Collected: 09/22/16 08:00 Received: 09/27/16 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	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	0.25	1	09/28/16 00:00	09/29/16 04:06		
Surrogates									
p-Terphenyl (S)	91	%	18-135		1	09/28/16 00:00	09/29/16 04:06	92-94-4	
n-Tetracosane (S)	83	%	21-121		1	09/28/16 00:00	09/29/16 04:06	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND	mg/L	0.50	0.011	1		10/03/16 22:03		CH
Surrogates									
4-Bromofluorobenzene (S)	110	%	82-114		1		10/03/16 22:03	460-00-4	
Preservation pH	**1.0**		0.10		1		10/03/16 22:03		
8260 MSV UST, Water	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.000060	1		09/28/16 05:05	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	0.00018	1		09/28/16 05:05	100-41-4	
Toluene	ND	mg/L	0.0010	0.00017	1		09/28/16 05:05	108-88-3	
Xylene (Total)	ND	mg/L	0.0030	0.00042	1		09/28/16 05:05	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	80-120		1		09/28/16 05:05	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130		1		09/28/16 05:05	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	81-127		1		09/28/16 05:05	17060-07-0	
Preservation pH	**1.0**		1.0	0.10	1		09/28/16 05:05		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**124**	mg/L	20.0	10.0	20		10/04/16 15:39	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(913)599-5665

QUALITY CONTROL DATA

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

QC Batch: 448775 Analysis Method: EPA 5030B/8015B
QC Batch Method: EPA 5030B/8015B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 60228601001, 60228601002, 60228601003, 60228601004, 60228601005, 60228601006, 60228601007, 60228601008, 60228601009, 60228601010, 60228601011, 60228601012, 60228601013, 60228601014, 60228601015, 60228601016, 60228601017

METHOD BLANK: 1836463 Matrix: Water
Associated Lab Samples: 60228601001, 60228601002, 60228601003, 60228601004, 60228601005, 60228601006, 60228601007, 60228601008, 60228601009, 60228601010, 60228601011, 60228601012, 60228601013, 60228601014, 60228601015, 60228601016, 60228601017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH-GRO	mg/L	0.032J	0.50	0.011	10/03/16 15:58	
4-Bromofluorobenzene (S)	%	100	82-114		10/03/16 15:58	

LABORATORY CONTROL SAMPLE: 1836464

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/L	1	1.0	102	68-110	
4-Bromofluorobenzene (S)	%			92	82-114	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

QC Batch: 448200 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60228601001, 60228601002, 60228601003, 60228601004

METHOD BLANK: 1833629 Matrix: Water
Associated Lab Samples: 60228601001, 60228601002, 60228601003, 60228601004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	mg/L	ND	0.0010	0.000060	09/27/16 20:35	
Ethylbenzene	mg/L	ND	0.0010	0.00018	09/27/16 20:35	
Toluene	mg/L	ND	0.0010	0.00017	09/27/16 20:35	
Xylene (Total)	mg/L	ND	0.0030	0.00042	09/27/16 20:35	
1,2-Dichloroethane-d4 (S)	%	96	81-127		09/27/16 20:35	
4-Bromofluorobenzene (S)	%	102	77-130		09/27/16 20:35	
Toluene-d8 (S)	%	100	80-120		09/27/16 20:35	

LABORATORY CONTROL SAMPLE: 1833630

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/L	.02	0.018	92	79-116	
Ethylbenzene	mg/L	.02	0.018	91	81-110	
Toluene	mg/L	.02	0.018	92	82-111	
Xylene (Total)	mg/L	.06	0.057	94	80-111	
1,2-Dichloroethane-d4 (S)	%			98	81-127	
4-Bromofluorobenzene (S)	%			101	77-130	
Toluene-d8 (S)	%			100	80-120	

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QUALITY CONTROL DATA

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

QC Batch: 448202 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60228601005, 60228601006, 60228601007, 60228601008, 60228601009, 60228601010, 60228601011, 60228601012, 60228601013, 60228601014, 60228601015, 60228601016, 60228601017

METHOD BLANK: 1833634 Matrix: Water
Associated Lab Samples: 60228601005, 60228601006, 60228601007, 60228601008, 60228601009, 60228601010, 60228601011, 60228601012, 60228601013, 60228601014, 60228601015, 60228601016, 60228601017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	mg/L	ND	0.0010	0.000060	09/28/16 02:01	
Ethylbenzene	mg/L	ND	0.0010	0.00018	09/28/16 02:01	
Toluene	mg/L	ND	0.0010	0.00017	09/28/16 02:01	
Xylene (Total)	mg/L	ND	0.0030	0.00042	09/28/16 02:01	
1,2-Dichloroethane-d4 (S)	%	96	81-127		09/28/16 02:01	
4-Bromofluorobenzene (S)	%	102	77-130		09/28/16 02:01	
Toluene-d8 (S)	%	99	80-120		09/28/16 02:01	

LABORATORY CONTROL SAMPLE: 1833635

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/L	.02	0.019	94	79-116	
Ethylbenzene	mg/L	.02	0.019	96	81-110	
Toluene	mg/L	.02	0.019	96	82-111	
Xylene (Total)	mg/L	.06	0.057	96	80-111	
1,2-Dichloroethane-d4 (S)	%			96	81-127	
4-Bromofluorobenzene (S)	%			102	77-130	
Toluene-d8 (S)	%			100	80-120	

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QUALITY CONTROL DATA

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

QC Batch: 448281 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510C Analysis Description: EPA 8015B
Associated Lab Samples: 60228601001, 60228601002, 60228601003, 60228601004, 60228601005, 60228601006, 60228601007, 60228601008, 60228601009, 60228601010, 60228601011, 60228601012, 60228601013, 60228601014, 60228601015, 60228601016, 60228601017

METHOD BLANK: 1833906 Matrix: Water
Associated Lab Samples: 60228601001, 60228601002, 60228601003, 60228601004, 60228601005, 60228601006, 60228601007, 60228601008, 60228601009, 60228601010, 60228601011, 60228601012, 60228601013, 60228601014, 60228601015, 60228601016, 60228601017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	0.25	09/29/16 01:01	
n-Tetracosane (S)	%	97	21-121		09/29/16 01:01	
p-Terphenyl (S)	%	97	18-135		09/29/16 01:01	

LABORATORY CONTROL SAMPLE: 1833907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	9.3	74	53-107	
n-Tetracosane (S)	%			88	21-121	
p-Terphenyl (S)	%			95	18-135	

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QUALITY CONTROL DATA

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

QC Batch: 448781 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60228601001, 60228601002, 60228601003, 60228601004, 60228601005, 60228601006, 60228601007, 60228601008, 60228601009, 60228601010, 60228601012, 60228601013, 60228601014, 60228601015, 60228601016, 60228601017

METHOD BLANK: 1836674 Matrix: Water
Associated Lab Samples: 60228601001, 60228601002, 60228601003, 60228601004, 60228601005, 60228601006, 60228601007, 60228601008, 60228601009, 60228601010, 60228601012, 60228601013, 60228601014, 60228601015, 60228601016, 60228601017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.50	10/04/16 09:03	

LABORATORY CONTROL SAMPLE: 1836675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.6	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1836676 1836677

Parameter	Units	60228601001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	152	100	100	249	247	97	95	80-120	1	15	

MATRIX SPIKE SAMPLE: 1836678

Parameter	Units	60228601002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	147	100	244	97	80-120	

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QUALITY CONTROL DATA

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

QC Batch: 449210
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60228601011

METHOD BLANK: 1838137
Matrix: Water
Associated Lab Samples: 60228601011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.50	10/05/16 08:56	

LABORATORY CONTROL SAMPLE: 1838138

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.6	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1838139 1838140

Parameter	Units	60228601011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	63.7	25	25	91.3	90.8	110	108	80-120	1	15	

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QUALIFIERS

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

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: 448200

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

Batch: 448202

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

Batch: 448775

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

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60228601001	**MW-4-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601002	**MW-6-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601003	**MW-8-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601004	**MW-10-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601005	**MW-12-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601006	**MW-13-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601007	**MW-14-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601008	**MW-16-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601009	**MW-18-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601010	**MW-22-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601011	**MW-23-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601012	**MW-24-09222016**	EPA 3510C	448281	EPA 8015B	448457
60228601013	**MW-25**	EPA 3510C	448281	EPA 8015B	448457
60228601014	**MW-26**	EPA 3510C	448281	EPA 8015B	448457
60228601015	**MW-27**	EPA 3510C	448281	EPA 8015B	448457
60228601016	**DUP-1**	EPA 3510C	448281	EPA 8015B	448457
60228601017	**DUP-2**	EPA 3510C	448281	EPA 8015B	448457
60228601001	**MW-4-09222016**	EPA 5030B/8015B	448775		
60228601002	**MW-6-09222016**	EPA 5030B/8015B	448775		
60228601003	**MW-8-09222016**	EPA 5030B/8015B	448775		
60228601004	**MW-10-09222016**	EPA 5030B/8015B	448775		
60228601005	**MW-12-09222016**	EPA 5030B/8015B	448775		
60228601006	**MW-13-09222016**	EPA 5030B/8015B	448775		
60228601007	**MW-14-09222016**	EPA 5030B/8015B	448775		
60228601008	**MW-16-09222016**	EPA 5030B/8015B	448775		
60228601009	**MW-18-09222016**	EPA 5030B/8015B	448775		
60228601010	**MW-22-09222016**	EPA 5030B/8015B	448775		
60228601011	**MW-23-09222016**	EPA 5030B/8015B	448775		
60228601012	**MW-24-09222016**	EPA 5030B/8015B	448775		
60228601013	**MW-25**	EPA 5030B/8015B	448775		
60228601014	**MW-26**	EPA 5030B/8015B	448775		
60228601015	**MW-27**	EPA 5030B/8015B	448775		
60228601016	**DUP-1**	EPA 5030B/8015B	448775		
60228601017	**DUP-2**	EPA 5030B/8015B	448775		
60228601001	**MW-4-09222016**	EPA 8260	448200		
60228601002	**MW-6-09222016**	EPA 8260	448200		
60228601003	**MW-8-09222016**	EPA 8260	448200		
60228601004	**MW-10-09222016**	EPA 8260	448200		
60228601005	**MW-12-09222016**	EPA 8260	448202		
60228601006	**MW-13-09222016**	EPA 8260	448202		
60228601007	**MW-14-09222016**	EPA 8260	448202		
60228601008	**MW-16-09222016**	EPA 8260	448202		
60228601009	**MW-18-09222016**	EPA 8260	448202		
60228601010	**MW-22-09222016**	EPA 8260	448202		
60228601011	**MW-23-09222016**	EPA 8260	448202		
60228601012	**MW-24-09222016**	EPA 8260	448202		
60228601013	**MW-25**	EPA 8260	448202		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075016 P66 E. HOBBS JUNCTION
Pace Project No.: 60228601

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60228601014	**MW-26**	EPA 8260	448202		
60228601015	**MW-27**	EPA 8260	448202		
60228601016	**DUP-1**	EPA 8260	448202		
60228601017	**DUP-2**	EPA 8260	448202		
60228601001	**MW-4-09222016**	EPA 300.0	448781		
60228601002	**MW-6-09222016**	EPA 300.0	448781		
60228601003	**MW-8-09222016**	EPA 300.0	448781		
60228601004	**MW-10-09222016**	EPA 300.0	448781		
60228601005	**MW-12-09222016**	EPA 300.0	448781		
60228601006	**MW-13-09222016**	EPA 300.0	448781		
60228601007	**MW-14-09222016**	EPA 300.0	448781		
60228601008	**MW-16-09222016**	EPA 300.0	448781		
60228601009	**MW-18-09222016**	EPA 300.0	448781		
60228601010	**MW-22-09222016**	EPA 300.0	448781		
60228601011	**MW-23-09222016**	EPA 300.0	449210		
60228601012	**MW-24-09222016**	EPA 300.0	448781		
60228601013	**MW-25**	EPA 300.0	448781		
60228601014	**MW-26**	EPA 300.0	448781		
60228601015	**MW-27**	EPA 300.0	448781		
60228601016	**DUP-1**	EPA 300.0	448781		
60228601017	**DUP-2**	EPA 300.0	448781		

Pace Analytical
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Sample Condition Upon Receipt
ESI Tech Spec Client

WO# : 60228601

60228601

Client Name: P66 GHD

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

Tracking #: 7044 6653 6460/6450/6449 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 +1.1 T-266 / CF +0.7 T-239 **Type of Ice:** Wet Blue None RB 9/27/16

Cooler Temperature (°C): **As-read** 3.1/4.2/1.7 **Corr. Factor** CF +1.1 CF +0.7 **Corrected** 2.0/3.1/4.2/5.3/2.8

Date and initials of person examining contents: BB 9/27/16

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☑Yes ☐No ☐N/A	8015C unpreserved volume goes out of hold 9/29/16
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☐Yes ☐No ☐N/A	– No volume rec'd for SVE-10
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	TB1 Travelled w/ 12, 18, 25, Dup1, 16, 14
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: WT	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO3, H2SO4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO)	☐Yes ☐No ☑N/A	TB2 Travelled w/ 8, 13, 22, 23, 26, 27
Cyanide water sample checks: ☑N/A Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☑Yes ☐No ☐N/A	2 TB SCAs
Headspace in VOA vials (>6mm):	☑Yes ☐No ☐N/A	Client OK to run samples w/ H.S.
Samples from USDA Regulated Area: State:	☐Yes ☐No ☑N/A	Samples put in walk in during login check in to preserve temp.
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☑N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 9/27/16

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

Start:	0940	Start:	
End:	1020	End:	
Temp:	3.7	Temp:	

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

Section A — Required Client Information:

Company:	GHD_Phillips 66 Texas
Address:	1755 Wittington Place
	Dallas, TX 75234
Email:	moshghan.mansoori@ghd.com
Phone:	972-331-8500 Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	Moshghan Mansoori
Copy To:	Christopher Knight
Purchase Order #:	
Project Name:	075016 P66 E Hobbs Junction
Project #:	075016

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	alice.spiller@pacelabs.com,
Pace Profile #:	9743, line 1

Regulatory Agency:

State / Location: NM

MATRIX CODES: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 BTEX	8015C DRO	8015GRO	Chloride by 300.0								Residual Chlorine (Y/N)	60228601
1	MW-4-09222016	W	G			9-22	0920		9				X						3	2	3	1								U	60228601 01
2	MW-6-09222016						1020																								02
3	MW-8-09222016						1050																								03
4	MW-10-09222016						1120																								04
5	MW-12-09222016						1150																								05
6	MW-13-09222016						1210																								06
7	MW-14-09222016						1240																								07
8	MW-16-09222016						1310																								08
9	MW-18-09222016						1340																								09
10	MW-22-09222016						1405																								010
11	MW-23-09222016						1425																								011
12	MW-24-09222016	↓	↓			↓	1500		↓											↓	↓	↓	↓							↓	012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
possible bubbles in vials. Reactivity → run test anyway		9/26	0700		9/27/16	0840	4.2
							5.3
							2.8

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

Section A
Required Client Information:

Company:	GHD_Phillips 66 Texas
Address:	1755 Wittington Place
Dallas, TX 75234	
Email:	moshghan.mansoori@ghd.com
Phone:	972-331-8500 Fax:
Requested Due Date:	

Section B
Required Project Information:

Report To:	Moshghan Mansoori
Copy To:	Christopher Knight
Purchase Order #:	
Project Name:	075016 P66 E Hobbs Junction
Project #:	075016

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	alice.spiller@pacelabs.com,
Pace Profile #:	9743, line 1

Regulatory Agency	
State / Location	NM

MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Start DATE	Start TIME	End DATE	End TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 BTEX	8015C DRO	8015GRO	Chloride by 300.0		Residual Chlorine (Y/N)	
1	MW-25	WT	G			9-22	1520		9				X						3	2	3	1	2A640		1830 60694 013
2	MW-26	↓	↓			↓	1600		↓										↓	↓	↓	↓			014
3	MW-27						1630																		015
4	SVE-10						1700																		RB 9/27
5	DUP-1						—																		016
6	DUP-2						—																↓		017
7																							2D694		TB1 018
8																							↓		TB2 019
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Possible bubbles in VOAs → Run test anyway.	[signature]/GHD	9/26	0700	[signature]	9/27/16	0840	4.2	Y	Y	Y
							5.3			
							2.8			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

April 06, 2016

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

RE: Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Dear Moshghan Mansoori:
Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2016. 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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219
WY STR Certification #: 2456.01
Arkansas Certification #: 15-016-0
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
Kansas Field Laboratory Accreditation: # E-92587

Pace Analytical Services, Inc.
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Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60215465001	**MW-25-032216**	Water	03/22/16 11:15	03/23/16 08:40
60215465002	**MW-24-032216**	Water	03/22/16 11:35	03/23/16 08:40
60215465003	**MW-6-032216**	Water	03/22/16 12:00	03/23/16 08:40
60215465004	**MW-3-032216**	Water	03/22/16 12:15	03/23/16 08:40
60215465005	**MW-8-032216**	Water	03/22/16 12:30	03/23/16 08:40
60215465006	**MW-27-032216**	Water	03/22/16 12:45	03/23/16 08:40
60215465007	**MW-22-032216**	Water	03/22/16 15:10	03/23/16 08:40
60215465008	**MW-23-032216**	Water	03/22/16 13:00	03/23/16 08:40
60215465009	**MW-26-032216**	Water	03/22/16 13:15	03/23/16 08:40
60215465010	**MW-10-032216**	Water	03/22/16 13:35	03/23/16 08:40
60215465011	**MW-12-032216**	Water	03/22/16 13:55	03/23/16 08:40
60215465012	**MW-18-032216**	Water	03/22/16 14:10	03/23/16 08:40
60215465013	**MW-14-032216**	Water	03/22/16 14:30	03/23/16 08:40
60215465014	**MW-13-032216**	Water	03/22/16 14:50	03/23/16 08:40
60215465015	**DUP-1-032216**	Water	03/22/16 08:00	03/23/16 08:40
60215465016	**DUP-2-032216**	Water	03/22/16 08:00	03/23/16 08:40
60215465017	**TRIP BLANK**	Water	03/22/16 08:00	03/23/16 08:40

Pace Analytical Services, Inc.
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Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60215465001	**MW-25-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JKL	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465002	**MW-24-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JKL	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465003	**MW-6-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JKL	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465004	**MW-3-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JKL	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465005	**MW-8-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JKL	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465006	**MW-27-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JKL	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465007	**MW-22-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465008	**MW-23-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465009	**MW-26-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465010	**MW-10-032216**	EPA 8015B	ACW	3	PASI-K

Pace Analytical Services, Inc.
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Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465011	**MW-12-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465012	**MW-18-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465013	**MW-14-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465014	**MW-13-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465015	**DUP-1-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465016	**DUP-2-032216**	EPA 8015B	ACW	3	PASI-K
		EPA 5030B/8015B	JTK	3	PASI-K
		EPA 8260	JDH	8	PASI-K
		EPA 300.0	RAB	1	PASI-K
60215465017	**TRIP BLANK**	EPA 8260	JDH	8	PASI-K

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-25-032216 **Lab ID: 60215465001** Collected: 03/22/16 11:15 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 12:47		
Surrogates								
p-Terphenyl (S)	75	%	18-135	1	03/28/16 00:00	03/29/16 12:47	92-94-4	
n-Tetracosane (S)	69	%	21-121	1	03/28/16 00:00	03/29/16 12:47	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/23/16 17:35		CH
Surrogates								
4-Bromofluorobenzene (S)	91	%	82-114	1		03/23/16 17:35	460-00-4	
Preservation pH	**1.0**		0.10	1		03/23/16 17:35		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 07:35	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 07:35	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 07:35	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 07:35	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/29/16 07:35	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130	1		03/29/16 07:35	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	81-127	1		03/29/16 07:35	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 07:35		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**120**	mg/L	10.0	10		03/24/16 10:54	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-24-032216 **Lab ID: 60215465002** Collected: 03/22/16 11:35 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 12:55		
Surrogates								
p-Terphenyl (S)	78	%	18-135	1	03/28/16 00:00	03/29/16 12:55	92-94-4	
n-Tetracosane (S)	76	%	21-121	1	03/28/16 00:00	03/29/16 12:55	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/23/16 17:52		CH
Surrogates								
4-Bromofluorobenzene (S)	91	%	82-114	1		03/23/16 17:52	460-00-4	
Preservation pH	**1.0**		0.10	1		03/23/16 17:52		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 07:50	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 07:50	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 07:50	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 07:50	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/29/16 07:50	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130	1		03/29/16 07:50	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	81-127	1		03/29/16 07:50	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 07:50		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**157**	mg/L	10.0	10		03/24/16 11:48	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-6-032216 **Lab ID: 60215465003** Collected: 03/22/16 12:00 Received: 03/23/16 08:40 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	**0.71**	mg/L	0.45	1	03/28/16 00:00	03/29/16 13:03		
Surrogates								
p-Terphenyl (S)	77	%	18-135	1	03/28/16 00:00	03/29/16 13:03	92-94-4	
n-Tetracosane (S)	78	%	21-121	1	03/28/16 00:00	03/29/16 13:03	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/23/16 18:08		CH
Surrogates								
4-Bromofluorobenzene (S)	85	%	82-114	1		03/23/16 18:08	460-00-4	
Preservation pH	**1.0**		0.10	1		03/23/16 18:08		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 08:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 08:05	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 08:05	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 08:05	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/29/16 08:05	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130	1		03/29/16 08:05	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	81-127	1		03/29/16 08:05	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 08:05		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**172**	mg/L	20.0	20		03/24/16 12:06	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-3-032216 **Lab ID: 60215465004** Collected: 03/22/16 12:15 Received: 03/23/16 08:40 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	**5.5**	mg/L	0.45	1	03/28/16 00:00	03/29/16 13:11		
Surrogates								
p-Terphenyl (S)	99	%	18-135	1	03/28/16 00:00	03/29/16 13:11	92-94-4	
n-Tetracosane (S)	102	%	21-121	1	03/28/16 00:00	03/29/16 13:11	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	**2.9**	mg/L	0.50	1		03/30/16 17:41		
Surrogates								
4-Bromofluorobenzene (S)	99	%	82-114	1		03/30/16 17:41	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 17:41		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**161**	ug/L	5.0	5		03/29/16 08:20	71-43-2	
Ethylbenzene	**182**	ug/L	5.0	5		03/29/16 08:20	100-41-4	
Toluene	ND	ug/L	5.0	5		03/29/16 08:20	108-88-3	
Xylene (Total)	**79.5**	ug/L	15.0	5		03/29/16 08:20	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	5		03/29/16 08:20	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130	5		03/29/16 08:20	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	81-127	5		03/29/16 08:20	17060-07-0	
Preservation pH	**1.0**		1.0	5		03/29/16 08:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**38.9**	mg/L	2.0	2		03/24/16 12:25	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(913)599-5665

ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-8-032216 **Lab ID: 60215465005** Collected: 03/22/16 12:30 Received: 03/23/16 08:40 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	**7.0**	mg/L	0.45	1	03/28/16 00:00	03/29/16 13:19		
Surrogates								
p-Terphenyl (S)	115	%	18-135	1	03/28/16 00:00	03/29/16 13:19	92-94-4	
n-Tetracosane (S)	119	%	21-121	1	03/28/16 00:00	03/29/16 13:19	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	**0.57**	mg/L	0.50	1		03/30/16 17:57		
Surrogates								
4-Bromofluorobenzene (S)	104	%	82-114	1		03/30/16 17:57	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 17:57		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 08:35	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 08:35	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 08:35	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 08:35	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		03/29/16 08:35	2037-26-5	
4-Bromofluorobenzene (S)	104	%	77-130	1		03/29/16 08:35	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	81-127	1		03/29/16 08:35	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 08:35		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**142**	mg/L	10.0	10		03/24/16 12:43	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-27-032216 **Lab ID: 60215465006** Collected: 03/22/16 12:45 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 13:27		
Surrogates								
p-Terphenyl (S)	79	%	18-135	1	03/28/16 00:00	03/29/16 13:27	92-94-4	
n-Tetracosane (S)	78	%	21-121	1	03/28/16 00:00	03/29/16 13:27	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 18:13		
Surrogates								
4-Bromofluorobenzene (S)	107	%	82-114	1		03/30/16 18:13	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 18:13		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 08:49	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 08:49	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 08:49	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 08:49	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1		03/29/16 08:49	2037-26-5	
4-Bromofluorobenzene (S)	105	%	77-130	1		03/29/16 08:49	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	81-127	1		03/29/16 08:49	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 08:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**137**	mg/L	10.0	10		03/24/16 13:01	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-22-032216 **Lab ID: 60215465007** Collected: 03/22/16 15:10 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 13:35		
Surrogates								
p-Terphenyl (S)	80	%	18-135	1	03/28/16 00:00	03/29/16 13:35	92-94-4	
n-Tetracosane (S)	72	%	21-121	1	03/28/16 00:00	03/29/16 13:35	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 18:29		
Surrogates								
4-Bromofluorobenzene (S)	104	%	82-114	1		03/30/16 18:29	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 18:29		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/30/16 18:10	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/30/16 18:10	100-41-4	
Toluene	ND	ug/L	1.0	1		03/30/16 18:10	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/30/16 18:10	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		03/30/16 18:10	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130	1		03/30/16 18:10	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	81-127	1		03/30/16 18:10	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/30/16 18:10		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**97.4**	mg/L	10.0	10		03/24/16 13:19	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-23-032216 **Lab ID: 60215465008** Collected: 03/22/16 13:00 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 13:43		
Surrogates								
p-Terphenyl (S)	77	%	18-135	1	03/28/16 00:00	03/29/16 13:43	92-94-4	
n-Tetracosane (S)	71	%	21-121	1	03/28/16 00:00	03/29/16 13:43	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 18:46		
Surrogates								
4-Bromofluorobenzene (S)	94	%	82-114	1		03/30/16 18:46	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 18:46		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 17:45	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 17:45	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 17:45	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 17:45	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/29/16 17:45	2037-26-5	
4-Bromofluorobenzene (S)	104	%	77-130	1		03/29/16 17:45	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	81-127	1		03/29/16 17:45	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 17:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**62.3**	mg/L	5.0	5		03/24/16 13:38	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-26-032216 **Lab ID: 60215465009** Collected: 03/22/16 13:15 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 14:06		
Surrogates								
p-Terphenyl (S)	84	%	18-135	1	03/28/16 00:00	03/29/16 14:06	92-94-4	
n-Tetracosane (S)	85	%	21-121	1	03/28/16 00:00	03/29/16 14:06	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 19:02		
Surrogates								
4-Bromofluorobenzene (S)	96	%	82-114	1		03/30/16 19:02	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 19:02		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 18:00	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 18:00	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 18:00	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 18:00	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/29/16 18:00	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130	1		03/29/16 18:00	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	81-127	1		03/29/16 18:00	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 18:00		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**111**	mg/L	10.0	10		03/24/16 13:56	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-10-032216 **Lab ID: 60215465010** Collected: 03/22/16 13:35 Received: 03/23/16 08:40 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	**4.8**	mg/L	0.45	1	03/28/16 00:00	03/29/16 14:14		
Surrogates								
p-Terphenyl (S)	102	%	18-135	1	03/28/16 00:00	03/29/16 14:14	92-94-4	
n-Tetracosane (S)	100	%	21-121	1	03/28/16 00:00	03/29/16 14:14	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	**14.4J**	mg/L	25.0	50		03/30/16 19:19		B
Surrogates								
4-Bromofluorobenzene (S)	107	%	82-114	50		03/30/16 19:19	460-00-4	D3
Preservation pH	**1.0**		0.10	50		03/30/16 19:19		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**4160**	ug/L	50.0	50		03/29/16 18:15	71-43-2	
Ethylbenzene	ND	ug/L	50.0	50		03/29/16 18:15	100-41-4	
Toluene	ND	ug/L	50.0	50		03/29/16 18:15	108-88-3	
Xylene (Total)	ND	ug/L	150	50		03/29/16 18:15	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	50		03/29/16 18:15	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130	50		03/29/16 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	81-127	50		03/29/16 18:15	17060-07-0	
Preservation pH	**1.0**		1.0	50		03/29/16 18:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**132**	mg/L	10.0	10		03/24/16 14:14	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-12-032216 **Lab ID: 60215465011** Collected: 03/22/16 13:55 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 14:22		
Surrogates								
p-Terphenyl (S)	71	%	18-135	1	03/28/16 00:00	03/29/16 14:22	92-94-4	
n-Tetracosane (S)	73	%	21-121	1	03/28/16 00:00	03/29/16 14:22	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	**0.56**	mg/L	0.50	1		03/30/16 19:35		
Surrogates								
4-Bromofluorobenzene (S)	99	%	82-114	1		03/30/16 19:35	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 19:35		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**4.0**	ug/L	1.0	1		03/30/16 18:25	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/30/16 18:25	100-41-4	
Toluene	ND	ug/L	1.0	1		03/30/16 18:25	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/30/16 18:25	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/30/16 18:25	2037-26-5	
4-Bromofluorobenzene (S)	99	%	77-130	1		03/30/16 18:25	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	81-127	1		03/30/16 18:25	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/30/16 18:25		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**144**	mg/L	10.0	10		03/24/16 14:32	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-18-032216 **Lab ID: 60215465012** Collected: 03/22/16 14:10 Received: 03/23/16 08:40 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	**0.52**	mg/L	0.45	1	03/28/16 00:00	03/29/16 14:30		
Surrogates								
p-Terphenyl (S)	73	%	18-135	1	03/28/16 00:00	03/29/16 14:30	92-94-4	
n-Tetracosane (S)	72	%	21-121	1	03/28/16 00:00	03/29/16 14:30	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 20:24		
Surrogates								
4-Bromofluorobenzene (S)	101	%	82-114	1		03/30/16 20:24	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 20:24		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 18:44	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 18:44	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 18:44	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 18:44	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		03/29/16 18:44	2037-26-5	
4-Bromofluorobenzene (S)	102	%	77-130	1		03/29/16 18:44	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	81-127	1		03/29/16 18:44	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 18:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**170**	mg/L	10.0	10		03/24/16 15:26	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-14-032216 **Lab ID: 60215465013** Collected: 03/22/16 14:30 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 14:38		
Surrogates								
p-Terphenyl (S)	66	%	18-135	1	03/28/16 00:00	03/29/16 14:38	92-94-4	
n-Tetracosane (S)	43	%	21-121	1	03/28/16 00:00	03/29/16 14:38	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 20:40		
Surrogates								
4-Bromofluorobenzene (S)	90	%	82-114	1		03/30/16 20:40	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 20:40		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 18:59	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 18:59	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 18:59	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 18:59	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/29/16 18:59	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130	1		03/29/16 18:59	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	81-127	1		03/29/16 18:59	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 18:59		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**171**	mg/L	20.0	20		03/24/16 17:16	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: MW-13-032216 **Lab ID: 60215465014** Collected: 03/22/16 14:50 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 14:46		
Surrogates								
p-Terphenyl (S)	78	%	18-135	1	03/28/16 00:00	03/29/16 14:46	92-94-4	
n-Tetracosane (S)	79	%	21-121	1	03/28/16 00:00	03/29/16 14:46	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 20:57		
Surrogates								
4-Bromofluorobenzene (S)	92	%	82-114	1		03/30/16 20:57	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 20:57		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/29/16 19:14	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/29/16 19:14	100-41-4	
Toluene	ND	ug/L	1.0	1		03/29/16 19:14	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/29/16 19:14	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		03/29/16 19:14	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130	1		03/29/16 19:14	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	81-127	1		03/29/16 19:14	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/29/16 19:14		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**80.4**	mg/L	5.0	5		03/24/16 16:02	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: DUP-1-032216 **Lab ID: 60215465015** Collected: 03/22/16 08:00 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 14:53		
Surrogates								
p-Terphenyl (S)	80	%	18-135	1	03/28/16 00:00	03/29/16 14:53	92-94-4	
n-Tetracosane (S)	81	%	21-121	1	03/28/16 00:00	03/29/16 14:53	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 21:13		
Surrogates								
4-Bromofluorobenzene (S)	98	%	82-114	1		03/30/16 21:13	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 21:13		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/30/16 18:40	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/30/16 18:40	100-41-4	
Toluene	ND	ug/L	1.0	1		03/30/16 18:40	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/30/16 18:40	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		03/30/16 18:40	2037-26-5	
4-Bromofluorobenzene (S)	104	%	77-130	1		03/30/16 18:40	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	81-127	1		03/30/16 18:40	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/30/16 18:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**112**	mg/L	10.0	10		03/24/16 16:39	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: DUP-2-032216 **Lab ID: 60215465016** Collected: 03/22/16 08:00 Received: 03/23/16 08:40 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	03/28/16 00:00	03/29/16 15:01		
Surrogates								
p-Terphenyl (S)	74	%	18-135	1	03/28/16 00:00	03/29/16 15:01	92-94-4	
n-Tetracosane (S)	60	%	21-121	1	03/28/16 00:00	03/29/16 15:01	646-31-1	
Gasoline Range Organics	Analytical Method: EPA 5030B/8015B							
TPH-GRO	ND	mg/L	0.50	1		03/30/16 21:30		
Surrogates								
4-Bromofluorobenzene (S)	92	%	82-114	1		03/30/16 21:30	460-00-4	
Preservation pH	**1.0**		0.10	1		03/30/16 21:30		
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/30/16 18:55	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/30/16 18:55	100-41-4	
Toluene	ND	ug/L	1.0	1		03/30/16 18:55	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/30/16 18:55	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		03/30/16 18:55	2037-26-5	
4-Bromofluorobenzene (S)	103	%	77-130	1		03/30/16 18:55	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	81-127	1		03/30/16 18:55	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/30/16 18:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**97.1**	mg/L	10.0	10		03/24/16 16:57	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Sample: TRIP BLANK **Lab ID: 60215465017** Collected: 03/22/16 08:00 Received: 03/23/16 08:40 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		03/30/16 05:27	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/30/16 05:27	100-41-4	
Toluene	ND	ug/L	1.0	1		03/30/16 05:27	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/30/16 05:27	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		03/30/16 05:27	2037-26-5	
4-Bromofluorobenzene (S)	105	%	77-130	1		03/30/16 05:27	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	81-127	1		03/30/16 05:27	17060-07-0	
Preservation pH	**1.0**		1.0	1		03/30/16 05:27		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

QC Batch: GCV/5356 Analysis Method: EPA 5030B/8015B
QC Batch Method: EPA 5030B/8015B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 60215465001, 60215465002, 60215465003

METHOD BLANK: 1729498 Matrix: Water
Associated Lab Samples: 60215465001, 60215465002, 60215465003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/L	ND	0.50	03/23/16 11:50	
4-Bromofluorobenzene (S)	%	83	82-114	03/23/16 11:50	

LABORATORY CONTROL SAMPLE: 1729499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/L	1	1.0	104	68-110	
4-Bromofluorobenzene (S)	%			88	82-114	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

QC Batch: GCV/5364 Analysis Method: EPA 5030B/8015B
QC Batch Method: EPA 5030B/8015B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 60215465004, 60215465005, 60215465006, 60215465007, 60215465008, 60215465009, 60215465010, 60215465011, 60215465012, 60215465013, 60215465014, 60215465015, 60215465016

METHOD BLANK: 1733385 Matrix: Water
Associated Lab Samples: 60215465004, 60215465005, 60215465006, 60215465007, 60215465008, 60215465009, 60215465010, 60215465011, 60215465012, 60215465013, 60215465014, 60215465015, 60215465016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/L	ND	0.50	03/30/16 14:55	
4-Bromofluorobenzene (S)	%	95	82-114	03/30/16 14:55	

LABORATORY CONTROL SAMPLE: 1733386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/L	1	1.1	108	68-110	
4-Bromofluorobenzene (S)	%			97	82-114	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

QC Batch: MSV/74909 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60215465001, 60215465002, 60215465003, 60215465004, 60215465005, 60215465006

METHOD BLANK: 1732027 Matrix: Water
Associated Lab Samples: 60215465001, 60215465002, 60215465003, 60215465004, 60215465005, 60215465006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/29/16 03:52	
Ethylbenzene	ug/L	ND	1.0	03/29/16 03:52	
Toluene	ug/L	ND	1.0	03/29/16 03:52	
Xylene (Total)	ug/L	ND	3.0	03/29/16 03:52	
1,2-Dichloroethane-d4 (S)	%	96	81-127	03/29/16 03:52	
4-Bromofluorobenzene (S)	%	106	77-130	03/29/16 03:52	
Toluene-d8 (S)	%	100	80-120	03/29/16 03:52	

LABORATORY CONTROL SAMPLE: 1732028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.8	104	79-116	
Ethylbenzene	ug/L	20	21.1	106	81-110	
Toluene	ug/L	20	21.1	105	82-111	
Xylene (Total)	ug/L	60	63.0	105	80-111	
1,2-Dichloroethane-d4 (S)	%			96	81-127	
4-Bromofluorobenzene (S)	%			101	77-130	
Toluene-d8 (S)	%			103	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

QC Batch: MSV/74935 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60215465008, 60215465009, 60215465010, 60215465012, 60215465013, 60215465014

METHOD BLANK: 1732595 Matrix: Water
Associated Lab Samples: 60215465008, 60215465009, 60215465010, 60215465012, 60215465013, 60215465014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/29/16 17:00	
Ethylbenzene	ug/L	ND	1.0	03/29/16 17:00	
Toluene	ug/L	ND	1.0	03/29/16 17:00	
Xylene (Total)	ug/L	ND	3.0	03/29/16 17:00	
1,2-Dichloroethane-d4 (S)	%	98	81-127	03/29/16 17:00	
4-Bromofluorobenzene (S)	%	102	77-130	03/29/16 17:00	
Toluene-d8 (S)	%	100	80-120	03/29/16 17:00	

LABORATORY CONTROL SAMPLE: 1732596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	21.0	105	79-116	
Ethylbenzene	ug/L	20	21.3	107	81-110	
Toluene	ug/L	20	20.7	104	82-111	
Xylene (Total)	ug/L	60	62.9	105	80-111	
1,2-Dichloroethane-d4 (S)	%			97	81-127	
4-Bromofluorobenzene (S)	%			100	77-130	
Toluene-d8 (S)	%			100	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

QC Batch: MSV/74939
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60215465017

METHOD BLANK: 1732619 Matrix: Water
Associated Lab Samples: 60215465017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/30/16 05:12	
Ethylbenzene	ug/L	ND	1.0	03/30/16 05:12	
Toluene	ug/L	ND	1.0	03/30/16 05:12	
Xylene (Total)	ug/L	ND	3.0	03/30/16 05:12	
1,2-Dichloroethane-d4 (S)	%	99	81-127	03/30/16 05:12	
4-Bromofluorobenzene (S)	%	104	77-130	03/30/16 05:12	
Toluene-d8 (S)	%	100	80-120	03/30/16 05:12	

LABORATORY CONTROL SAMPLE: 1732620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.8	99	79-116	
Ethylbenzene	ug/L	20	19.5	98	81-110	
Toluene	ug/L	20	19.6	98	82-111	
Xylene (Total)	ug/L	60	59.4	99	80-111	
1,2-Dichloroethane-d4 (S)	%			100	81-127	
4-Bromofluorobenzene (S)	%			100	77-130	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1732621 1732622

Parameter	Units	60215699006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	18.7	20	20	40.1	37.3	107	93	37-151	7	40	
Ethylbenzene	ug/L	10.2	20	20	30.1	27.8	99	88	29-151	8	45	
Toluene	ug/L	1.2	20	20	21.2	20.1	100	94	37-147	5	43	
Xylene (Total)	ug/L	28.5	60	60	85.1	79.0	94	84	27-156	7	46	
1,2-Dichloroethane-d4 (S)	%						97	99	81-127			
4-Bromofluorobenzene (S)	%						100	101	77-130			
Toluene-d8 (S)	%						100	101	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 P66 E HOBBS
Pace Project No.: 60215465

QC Batch: MSV/74958 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60215465007, 60215465011, 60215465015, 60215465016

METHOD BLANK: 1733186 Matrix: Water
Associated Lab Samples: 60215465007, 60215465011, 60215465015, 60215465016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/30/16 17:25	
Ethylbenzene	ug/L	ND	1.0	03/30/16 17:25	
Toluene	ug/L	ND	1.0	03/30/16 17:25	
Xylene (Total)	ug/L	ND	3.0	03/30/16 17:25	
1,2-Dichloroethane-d4 (S)	%	100	81-127	03/30/16 17:25	
4-Bromofluorobenzene (S)	%	102	77-130	03/30/16 17:25	
Toluene-d8 (S)	%	101	80-120	03/30/16 17:25	

LABORATORY CONTROL SAMPLE: 1733187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.0	100	79-116	
Ethylbenzene	ug/L	20	19.9	100	81-110	
Toluene	ug/L	20	19.8	99	82-111	
Xylene (Total)	ug/L	60	59.8	100	80-111	
1,2-Dichloroethane-d4 (S)	%			103	81-127	
4-Bromofluorobenzene (S)	%			101	77-130	
Toluene-d8 (S)	%			103	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

QC Batch: OEXT/53613 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510C Analysis Description: EPA 8015B
Associated Lab Samples: 60215465001, 60215465002, 60215465003, 60215465004, 60215465005, 60215465006, 60215465007, 60215465008, 60215465009, 60215465010, 60215465011, 60215465012, 60215465013, 60215465014, 60215465015, 60215465016

METHOD BLANK: 1731633 Matrix: Water
Associated Lab Samples: 60215465001, 60215465002, 60215465003, 60215465004, 60215465005, 60215465006, 60215465007, 60215465008, 60215465009, 60215465010, 60215465011, 60215465012, 60215465013, 60215465014, 60215465015, 60215465016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	03/29/16 08:59	
n-Tetracosane (S)	%	93	21-121	03/29/16 08:59	
p-Terphenyl (S)	%	88	18-135	03/29/16 08:59	

LABORATORY CONTROL SAMPLE: 1731634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	10.7	85	53-107	
n-Tetracosane (S)	%			94	21-121	
p-Terphenyl (S)	%			97	18-135	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

QC Batch: WETA/38679 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60215465001, 60215465002, 60215465003, 60215465004, 60215465005, 60215465006, 60215465007, 60215465008, 60215465009, 60215465010, 60215465011, 60215465012, 60215465013, 60215465014, 60215465015, 60215465016

METHOD BLANK: 1729606 Matrix: Water
Associated Lab Samples: 60215465001, 60215465002, 60215465003, 60215465004, 60215465005, 60215465006, 60215465007, 60215465008, 60215465009, 60215465010, 60215465011, 60215465012, 60215465013, 60215465014, 60215465015, 60215465016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	03/24/16 09:23	

LABORATORY CONTROL SAMPLE: 1729607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1729608 1729609

Parameter	Units	60215515001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1730	500	500	2160	2200	86	96	80-120	2	15	

MATRIX SPIKE SAMPLE: 1729610

Parameter	Units	60215465014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	80.4	25	101	82	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

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: GCV/5356

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

Batch: MSV/74909

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

Batch: MSV/74935

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

Batch: MSV/74958

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

Batch: GCV/5364

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

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60215465001	**MW-25-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465002	**MW-24-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465003	**MW-6-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465004	**MW-3-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465005	**MW-8-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465006	**MW-27-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465007	**MW-22-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465008	**MW-23-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465009	**MW-26-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465010	**MW-10-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465011	**MW-12-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465012	**MW-18-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465013	**MW-14-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465014	**MW-13-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465015	**DUP-1-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465016	**DUP-2-032216**	EPA 3510C	OEXT/53613	EPA 8015B	GCSV/20770
60215465001	**MW-25-032216**	EPA 5030B/8015B	GCV/5356		
60215465002	**MW-24-032216**	EPA 5030B/8015B	GCV/5356		
60215465003	**MW-6-032216**	EPA 5030B/8015B	GCV/5356		
60215465004	**MW-3-032216**	EPA 5030B/8015B	GCV/5364		
60215465005	**MW-8-032216**	EPA 5030B/8015B	GCV/5364		
60215465006	**MW-27-032216**	EPA 5030B/8015B	GCV/5364		
60215465007	**MW-22-032216**	EPA 5030B/8015B	GCV/5364		
60215465008	**MW-23-032216**	EPA 5030B/8015B	GCV/5364		
60215465009	**MW-26-032216**	EPA 5030B/8015B	GCV/5364		
60215465010	**MW-10-032216**	EPA 5030B/8015B	GCV/5364		
60215465011	**MW-12-032216**	EPA 5030B/8015B	GCV/5364		
60215465012	**MW-18-032216**	EPA 5030B/8015B	GCV/5364		
60215465013	**MW-14-032216**	EPA 5030B/8015B	GCV/5364		
60215465014	**MW-13-032216**	EPA 5030B/8015B	GCV/5364		
60215465015	**DUP-1-032216**	EPA 5030B/8015B	GCV/5364		
60215465016	**DUP-2-032216**	EPA 5030B/8015B	GCV/5364		
60215465001	**MW-25-032216**	EPA 8260	MSV/74909		
60215465002	**MW-24-032216**	EPA 8260	MSV/74909		
60215465003	**MW-6-032216**	EPA 8260	MSV/74909		
60215465004	**MW-3-032216**	EPA 8260	MSV/74909		
60215465005	**MW-8-032216**	EPA 8260	MSV/74909		
60215465006	**MW-27-032216**	EPA 8260	MSV/74909		
60215465007	**MW-22-032216**	EPA 8260	MSV/74958		
60215465008	**MW-23-032216**	EPA 8260	MSV/74935		
60215465009	**MW-26-032216**	EPA 8260	MSV/74935		
60215465010	**MW-10-032216**	EPA 8260	MSV/74935		
60215465011	**MW-12-032216**	EPA 8260	MSV/74958		
60215465012	**MW-18-032216**	EPA 8260	MSV/74935		
60215465013	**MW-14-032216**	EPA 8260	MSV/74935		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075016 P66 E HOBBS
Pace Project No.: 60215465

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60215465014	**MW-13-032216**	EPA 8260	MSV/74935		
60215465015	**DUP-1-032216**	EPA 8260	MSV/74958		
60215465016	**DUP-2-032216**	EPA 8260	MSV/74958		
60215465017	**TRIP BLANK**	EPA 8260	MSV/74939		
60215465001	**MW-25-032216**	EPA 300.0	WETA/38679		
60215465002	**MW-24-032216**	EPA 300.0	WETA/38679		
60215465003	**MW-6-032216**	EPA 300.0	WETA/38679		
60215465004	**MW-3-032216**	EPA 300.0	WETA/38679		
60215465005	**MW-8-032216**	EPA 300.0	WETA/38679		
60215465006	**MW-27-032216**	EPA 300.0	WETA/38679		
60215465007	**MW-22-032216**	EPA 300.0	WETA/38679		
60215465008	**MW-23-032216**	EPA 300.0	WETA/38679		
60215465009	**MW-26-032216**	EPA 300.0	WETA/38679		
60215465010	**MW-10-032216**	EPA 300.0	WETA/38679		
60215465011	**MW-12-032216**	EPA 300.0	WETA/38679		
60215465012	**MW-18-032216**	EPA 300.0	WETA/38679		
60215465013	**MW-14-032216**	EPA 300.0	WETA/38679		
60215465014	**MW-13-032216**	EPA 300.0	WETA/38679		
60215465015	**DUP-1-032216**	EPA 300.0	WETA/38679		
60215465016	**DUP-2-032216**	EPA 300.0	WETA/38679		

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Sample Condition Upon Receipt
ESI Tech Spec Client

WO# : 60215465

60215465

Client Name: D66 GHD

Optional
Proj Due Date:
Proj Name:

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

Tracking #: 6707 1640 2254, 2243 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 +1.0 T-239 / CF 0.0 T-262 **Type of Ice:** (Wet) Blue None ☐ Samples received on ice, cooling process has begun.
(circle one)

Cooler Temperature: 4.6 4.4

Date and initials of person examining contents: SB 3/21

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	
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: WT		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, O&G, WI-DRO (water)	☒Yes ☐No	Initial when completed / Lot # of added preservative
Trip Blank present:	☒Yes ☐No ☐N/A	
Pace Trip Blank lot # (if purchased): 3/15/16		15.
Headspace in VOA vials (>6mm):	☐Yes ☒No ☐N/A	16.
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: 1015	Start:
End: 1029	End:
Temp:	Temp:

Project Manager Review: AAF Date: 03/23/16

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 2

Section A — Required Client Information:

Company:	Phillips 66 GHD Services, Inc. TX
Address:	1755 Wittington Place
	Dallas, TX 75234
Email:	moshghan.mansoori@ghd.com
Phone:	972-331-8500 Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	Moshghan Mansoori
Copy To:	
Purchase Order #:	4522202845
Project Name:	075016 P66 E Hobbs
Project #:	

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	alice.flanagan@pacelabs.com,
Pace Profile #:	8657, 5

Regulatory Agency
State / Location
NM

Requested Analysis Filtered (Y/N)

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

60215465

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 BTEX	8015 GRO	8015C DRO	Chloride by 300.0		Residual Chlorine (Y/N)	
1	mw-25 -032216			3-22-16	11:15	[illegible]			9				X						X	X	X	X	DP3h		(2) AG4h (6) DG4H 001
2	mw-24- 032216				11:35																				002
3	mw-6- 032216				12:00																				003
4	mw-3- 032216				12:15																				004
5	mw-8- 032216				12:30																				005
6	mw-27- 032216				12:45																				006
7	mw- 22 -032216				15:10																				007
8	mw-23-032216				13:00																				008
9	mw-26-032216				13:15																				009
10	mw-10-0322-16				13:35																				010
11	mw-12-032216				1355																				011
12	mw-18- 032216				1410																				012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / GHD	3-22-16	18:00	[signature]	3/23	0840	4.6	Y	Y	Y
							4.4	Y	Y	Y
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Nixon

SIGNATURE of SAMPLER: [signature] DATE Signed: 3-22-16

CHAIN-OF-CUSTODY / Analytical Request Document

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

Pace Analytical

Page : 2 Of 2

Section A — Required Client Information:

- Company: Phillips 66 GHD Services, Inc. TX
- Address: 1755 Wittington Place
- Dallas, TX 75234
- Email: moshghan.mansoori@ghd.com
- Phone: 972-331-8500 Fax:
- Requested Due Date:

Section B — Required Project Information:

- Report To: Moshghan Mansoori
- Copy To:
- Purchase Order #: B 4522202845
- Project Name: 075016 P66 E Hobbs
- Project #:

Section C — Invoice Information:

- Attention:
- Company Name:
- Address:
- Pace Quote:
- Pace Project Manager: alice.flanagan@pacelabs.com,
- Pace Profile #: 8657, 5

Regulatory Agency:

State / Location: NM

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analyses Test Y/N	8260 BTEX	8015 GRO	8015C DRO	Chloride by 300.0	Residual Chlorine (Y/N)	
1	mw-14-032216			3-22-16	1430				9				X						X	X	X	X	BP 3u	(2) A644 (6) D64H 013
2	mw-13-032216				1450				9										X	X	X	X		014
3	Dup 1-032216				—				9										X	X	X	X		015
4	Dup-2-032216				—				9										X	X	X	X		016
5	Trip Blank 1				—				3										X					(3) D64H TB 017
6	~~[illegible]~~																							
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Temp Blank in each cooler	/ GHD	3-22-16	18:00	/ Pace	3/23	0840	4.6	Y	Y	Y
							4.4	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Nixon

SIGNATURE of SAMPLER:

DATE Signed: 3-22-16