GHD

REVIEWED
By Mike Buchanan at 4:00 pm, Jul 29, 2024

2023 Groundwater Monitoring and Remediation Report

Line NM 1-1
Lea County, New Mexico

Phillips 66 Company

March 27, 2024

Review of the 2023 Groundwater Monitoring Report for Line NM 1-1: content satisfactory
1. Continue removal of LNAPL by NET system as technique has been shown to be effective at the site.
2. Continue to conduct semi-annual groundwater monitoring at the site.
3. Continue to conduct monthly O&M for the system as prescribed monthly.
4. Submit the 2024 annual report to OCD by April 1, 2025.

→ The Power of Commitment

Executive Summary

GHD conducted semiannual groundwater monitoring in March and September 2023 at the Phillips 66 Line NM 1-1 in Hobbs, New Mexico (site). Groundwater levels were measured in all site monitor wells using an oil/water interface probe prior to purging and sampling. Crude oil was detected in MW-1, MW-14 through MW-17, MW-19, MW-20, MW-23, through MW-27, MW-35, MW-36, extraction wells EW-1, EW-2 and recovery wells RW-1 through RW-4 during the March and September 2023 event.

Thirteen groundwater samples were collected during both the March and September 2023 monitoring event. Groundwater samples were submitted under chain of custody documentation to Pace Analytical Laboratories (Pace) of Lenexa, Kansas. The samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), total petroleum hydrocarbons (TPH)–gasoline range organics (GRO), and TPH–diesel range organics (DRO).

The groundwater samples collected during the 2023 semiannual monitoring events were reported by the laboratory to be at concentrations below the New Mexico Water Quality Control Commission's (NMWQCC) groundwater quality standards effective at the time of the April 20, 2000 Stage 2 Abatement Plan AP-10 was approved.

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1. Introduction

GHD Services Inc. (GHD) prepared this 2023 Annual Groundwater Monitoring and Remediation Report on behalf of Phillips 66 Company (Phillips 66). This report summarizes groundwater monitoring, sampling, and routine operation and maintenance (O&M) activities at Line NM 1-1 (site) in 2023. The report presents the following:

– Site Description and History
– Regulatory Framework
– Groundwater Monitoring and Sampling
– Groundwater Remedial Activities
– Summary and Recommendations

2. Site Description and History

The site is located approximately 1 mile south of the City of Hobbs in Lea County, New Mexico (Unit N, Section 9, Township 19S, Range 38E; Figure 1). The area around the release is largely undeveloped arid land primarily used for cattle grazing. Two crude oil production wells are located near the pipeline release. Regional geology consists of unconsolidated alluvium overlaying the Ogallala Formation.

Site remedial activities commenced on October 27, 1998, when Phillips 66 personnel discovered a release of crude oil associated with a local well field gathering pipeline. Approximately 1,500 cubic yards of petroleum impacted soil were excavated around and below the release location. MW-1 was installed approximately 10 feet north of the excavation to determine the vertical extent of soil impacts, and to determine if groundwater had been impacted. Approximately 13 feet of crude oil was detected on the water table. Phillips 66 initiated product recovery in MW-1 on December 12, 1998 using a bailer. During the week of March 22, 1999, Abanaki Corporation installed a PetroXtractor recovery system in MW-1.

Assessment and remediation activities have been conducted at the site by Higgins and Associates, LLC of Centennial, Colorado to define and address the crude oil impacts including the installation of a comprehensive soil and groundwater remediation system. The remediation system installation consists of a crude oil recovery system, a groundwater extraction, treatment, and re-injection system, and an enhanced bioremediation system consisting of bio venting and nutrient injection.

Beginning on December 1, 2010, four new crude oil recovery wells (RW-1 through RW-4) were installed at the site under the direction of Tetra Tech. The wells were drilled, completed, and developed by Straub Corporation of Stanton, Texas. Alliance Maintenance and Services of Houston, Texas performed the installation of the recovery pumps, controller, wiring trenching and plumbing. The wells were set using 6-inch diameter Schedule 40 polyvinyl chloride (PVC) casing with 30 feet of 0.020-inch screen extending to the bottom of each well, and blank PVC casing extending from the top of the screened interval to approximately 3 feet above ground surface. Crude oil recovery pumps, consisting of Xitech Model ADJ1015H 4-inch diameter pneumatic High Performance Smart Skimmers with adjustable extended travel floats were installed in each well. The four new recovery well pumps and the seven existing recovery well pumps were connected to a Xitech Model 5500E 16 station programmable pneumatic pump controller, allowing for individual control of each of the pumps. 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.

On behalf of Phillips 66, GHD assumed semi-annual groundwater and remedial oversight duties of the site in August 2011.

In April 2015, GHD collected Light Non-Aqueous Phase Liquid (LNAPL) samples to be analyzed for paraffins, isoparaffins, aromatics, naphthenes and olefins (PIANO) distribution. Based on the PIANO results, GHD conducted two 8-hour mobile dual phase extraction (MDPE) events in April and July 2015.

GHD conducted three additional MDPE events consisting of two 8-hour events each in February, April and July 2017. A total of 6,019 gallons of fluid consisting of approximately 730 gallons of crude oil were removed during the three events.

GHD installed eight replacement monitor wells in September 2017 due to a majority of the site wells being gauged dry.

GHD installed 12 monitor wells in January 2018 to replace dry wells MW-2 through MW-13; remediation wells SV-1, SV-2, MP-1, MP-2, SVE-1, SVE-3, and SVE-5; and injection wells IW-1 through IW-7, that were plugged and abandoned in March of that year.

GHD completed a LNAPL recovery test in March 2018 to evaluate the LNAPL recharge rate in existing recovery wells. Based on the results of the pilot test, GHD began transitioning from the Xitech skimmer pumps to the LNAPL Extraction Tool (NET) systems for LNAPL recovery.

The NET system installation began in the third quarter 2018 at recovery wells RW-1, RW-2, and RW-3. Power for the NET systems was installed in January 2019 and the systems began full operation in February 2019.

Four additional monitor wells (MW-34 through MW-37) were installed in June 2019 to further delineate the LNAPL impacts. During the fourth quarter of 2019, GHD used one additional NET to remove LNAPL in all wells with measurable free product. A total of 60 gallons of LNAPL were removed while also testing the potential recovery rate of LNAPL using the NET system.

The NET systems were shut down in November 2019 after a Phillips 66 audit identified deficiencies related to electrical classification. The motors and associated electrical equipment were upgraded between June 15 and 23, 2020. The NET systems were restarted following the upgrades. Current operation consists of daily recovery at RW-1, RW-2 and RW-3, and intermittent operation of two trailer mounted NET systems at monitor and recovery wells with measurable product.

Between June 1 and 3, 2020, White Drilling, with oversight from GHD, installed two new monitor wells, MW-38 and MW-39, to delineate LNAPL to the east. LNAPL has not been encountered in these wells and groundwater analytical results were reported below the laboratory detection limits.

Current site activities include monthly O&M activities associated with LNAPL recovery and semi-annual groundwater sampling events.

3. Regulatory Framework

The New Mexico Oil Conservation Division (NMOCD) is the regulatory agency overseeing the cleanup of petroleum hydrocarbon impacts associated with the site. The site has adopted New Mexico Water Quality Control Commission Standards contained in Title 20, Chapter 6, Part 2, Section 3103 (20.6.2.3103) effective November 15, 1996 and are presented as Appendix A. These standards were in effect at the time the April 20, 2000 Stage 2 Abatement Plan for Groundwater Abatement (AP-10) for the Line NM 1-1 site in Hobbs, New Mexico was approved.

Per Title 19, Chapter 15, Part 30, Section 10 of the New Mexico Administrative Code (19.15.30.10 NMAC) Modification of Abatement Standards: *If applicable abatement standards are modified after the division approves the abatement measures, the abatement standards that are in effect at the time that the division of the abatement measures shall be the abatement standards for the duration of the abatement action, unless the director determines that compliance with those standards may with reasonable probability create a present of future health to public health or the environment.*

The 1996 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.

Constituent Of Concern	1996 NMWQCC Standards (mg/L)
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75

Constituent Of Concern	1996 NMWQCC Standards (mg/L)
Xylenes	0.62
TPH-DRO – Total Petroleum Hydrocarbons Diesel Range Organics	NA
TPH-GRO – Total Petroleum Hydrocarbons Gasoline Range Organics	NA
Chloride	250

4. Groundwater Monitoring and Sampling

4.1 Groundwater Monitoring – March 2023

GHD personnel gauged 33 on-site monitor wells on March 28 and 29, 2023 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 LNAPL in each of the monitor wells. Groundwater measurements proceeded from historically non impacted 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 3552.70 feet above mean sea level (ft amsl) at MW-29 to 3557.58 ft amsl at MW-22. Regional groundwater flows to the south/southeast at an approximate gradient of 0.0049 feet per foot (ft/ft), which is consistent with historical data.

Table 1 presents the Groundwater Elevation Data. Figure 3 presents Groundwater Gradient Map – March 2023. Figure 4 presents the Light Non-Aqueous Phase Liquid Thickness Contour Map – March 2023.

4.2 Groundwater Sampling – March 2023

GHD personnel collected samples for the first semiannual groundwater sampling event from 13 on-site monitor wells on March 29 and 30, 2023. Groundwater samples were collected from MW-18, MW-21, MW-22, MW-28 through MW-34, and MW-37 through MW-39. Due to the presence of LNAPL, 20 monitor and recovery wells were not sampled.

Samples were collected via the 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 Laboratories (Pace) under chain of custody protocol. Groundwater purged from each well prior to sampling was stored on-site in the above ground storage tank for eventual off-site disposal.

Pace analyzed the groundwater samples for:

– BTEX by Environmental Protection Agency (EPA) Method 8260B;
– TPH GRO by EPA Method 8015; and
– TPH DRO by EPA Method 8015.

4.3 Groundwater Analytical Results – March 2023

Sample results for the March 2023 semiannual groundwater monitoring event are summarized below.

– Benzene was not detected above the groundwater remedial objective of 0.01 milligrams per liter (mg/l) in groundwater samples collected during the March 2023 sampling event.
– Toluene was not detected above the groundwater remedial objective of 1.00 mg/l in groundwater samples collected during the March 2023 sampling event.
– Ethylbenzene was not detected above the groundwater remedial objective of 0.70 mg/l in groundwater samples collected during the March 2023 sampling event.

- Total xylenes were not detected above the groundwater remedial objective of 0.62 mg/l in groundwater samples collected during the March 2023 sampling event.
- TPH GRO was detected above the laboratory reporting limit in groundwater samples collected during the March 2023 sampling event at MW-29 and MW-30. Concentration ranged from 0.53 at MW-38 to 0.54 mg/L at MW-30. Groundwater remedial objectives for TPH GRO have not been established for the site.
- TPH DRO was detected above the laboratory reporting limit in groundwater samples collected from MW-30 at a concentration of 0.47 mg/L. Groundwater remedial objectives for TPH DRO have not been established for the site.

Table 2 presents Groundwater Analytical Data BTEX, TPH GRO and TPH DRO; Table 3 presents Historical Groundwater Analytical Data – Chloride, Total Hardness, Iron and Manganese; Table 4 presents Historical Groundwater Analytical Data – Metals and Polyaromatic Hydrocarbons. Figure 5 presents Groundwater Analytical Results – March 2023. The Pace Analytical report is presented as Appendix B.

4.4 Groundwater Monitoring – September 2023

GHD personnel gauged 31 on-site monitor wells on September 20 and 21, 2023 to measure groundwater elevation. Monitoring wells MW-35 and MW-36 were not listed on the sampling form at the time of the September sampling event and were not monitored by field staff. 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 LNAPL in each of the monitor wells. Groundwater measurements proceeded from historically non impacted 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 3552.34 ft amsl at MW-29 to 3557.01 ft amsl at MW-22. Regional groundwater flows to the south/southeast at an approximate gradient of 0.0046 ft/ft.

Table 1 presents the Groundwater Elevation Data. Figure 6 presents Groundwater Gradient Map – September 2023. Figure 7 presents the Light Non-Aqueous Phase Liquid Thickness Contour Map – September 2023.

4.5 Groundwater Sampling – September 2023

GHD personnel collected samples for the second semiannual groundwater sampling event from 13 on-site monitor wells on September 20 and 21, 2023. Groundwater samples were collected from MW-18, MW-21, MW-22, MW-28 through MW-34, and MW-37 through MW-39. Due to the presence of LNAPL, 18 monitoring and recovery wells were not sampled.

Samples were collected via 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 under chain of custody protocol. Groundwater not used for sampling was stored on-site in the above ground storage tank for eventual off-site disposal.

Pace analyzed the groundwater samples for:

- BTEX by EPA Method 8260B;
- TPH GRO by EPA Method 8015; and
- TPH DRO by EPA Method 8015.

4.6 Groundwater Analytical Results – September 2023

Sample results for the September 2023 semiannual groundwater monitoring event are summarized below.

- Benzene was not detected above the remedial objective of 0.01 mg/L in the samples collected during the September 2023 sampling event.

- Toluene was not detected above remedial objective of 1.00 mg/L in the samples collected during the September 2023 sampling event.
- Ethylbenzene was not detected above remedial objective of 0.70 mg/L in the samples collected during the September 2023 sampling event.
- Total xylenes were not detected above remedial objective of 0.62 mg/L in the samples collected during the September 2023 sampling event.
- TPH-GRO was not detected above the laboratory detection limit in groundwater samples collected during the September 2022 event. Groundwater remedial objectives for TPH GRO have not been established for the site.
- TPH-DRO was detected above the laboratory reporting limit in groundwater samples MW-29, MW-37, MW-38, and MW-39. The concentrations ranged from 0.50 mg/L at MW-29 to 0.84 mg/L at MW-37, respectively. Groundwater remedial objectives for TPH DRO have not been established for the site.

Table 2 presents Groundwater Analytical Data BTEX, TPH-GRO, and TPH-DRO; Table 3 presents Historical Groundwater Analytical Data – Chloride, Total Hardness, Iron and Manganese; Table 4 presents Historical Groundwater Analytical Data – Metals and Polyaromatic Hydrocarbons. Figure 8 presents Groundwater Analytical Results – September 2023. Appendix A presents the September 2023 Pace analytical report.

5. Groundwater Remedial Activities

GHD completed monthly operation and maintenance activities in 2023 and for most of the year operated three fixed NET systems located at RW-1, RW-2, RW-3. In December 2023, GHD began utilizing two solar power stations to supply power to the trailer mounted NET systems. The trailer systems are currently supplying power to NETs installed at MW-15 and MW-25. The purpose of the mobile NET systems is to recover outside the initial release footprint, and reduce the size of the overall LNAPL plume.

Between January and December 2023, a total of 129.8 gallons, or an average of 0.36 gallons per day, of LNAPL was recovered by the NET systems. GHD planned to operate the mobile the NET systems on a continuous basis in 2023, however continual operation of the systems has not been as successful as expected.

The trailer mounted mobile NET systems were utilized and rotated between wells MW-15, MW-16, MW-23, MW-26, and RW-4. Recovered LNAPL is pumped through a flow totalizer to measure the amount of LNAPL recovered from the systems.

5.1 Enhanced Vapor Recovery

Between April 25 and 27, 2023, AcuVac Remediation, LLC (AcuVac), with oversight from GHD, performed an Enhanced Vapor Recovery (EVR) pilot test at wells RW-1, RW-2, and RW-3. The EVR pilot test consisted of soil vapor extraction, with air sparging to improve vapor phase recovery while eliminating liquid phase recovery.

Throughout the operation, AcuVac monitored vapor concentrations of TPH. These measurements indicated that EVR is an effective remediation process. Notably, the TPH vapor trends exhibited distinct behavior across the three wells. RW-1 and RW-3 resulted in a gradual decline in TPH vapor concentrations, while RW-2 demonstrated a slight increase in TPH vapor concentrations.

The EVR system pilot test recovered a total of 557.59 pounds of vapor phase hydrocarbons, at an average rate of 23.23 pounds/hour. RW-2 and RW-3 had the highest vapor recovery rates ranging between 25.31 to 25.38 pounds/hour, respectively. The NAPL thickness at wells RW-1 and RW-2, which had less than 0.5 ft of NAPL at the start of each event, was reduced to non-detect and 0.01 ft, respectively, at the end of each event.

In 2024, GHD is evaluating a cost vs mass removed analysis of the enhanced vapor recovery event and plans to target contaminated mass more aggressively. The full AcuVac Remediation Report is presented as Appendix C.

6. Summary and Recommendations

Removal of LNAPL and dissolved-phase hydrocarbons remain the remedial objective for this site. GHD will continue conducting semiannual groundwater monitoring and annual reporting for the site, as directed by the NMOCD. The NET systems have proven to be effective at recovering LNAPL and will continue with monthly O&M site visits to optimize the recovery rate and overall effectiveness of the systems through 2024.

GHD also plans to target contaminated mass at the site more aggressively with quarterly enhanced fluid recovery (EFR) events where a vacuum truck will be used to recover LNAPL and soil vapor, which will be recycled. An oil/water interface probe will be used to measure groundwater depths and check for the presence of LNAPL, then a vacuum truck will be used to remove LNAPL above the groundwater. An eyeglass connected to the hose entering the vac truck will be used to monitor discoloring of the EFR fluids of visibly identifiable LNAPL and water clarity. The recovery wells will be excluded from the EFR events and continue to be maintained during monthly O&M activities.

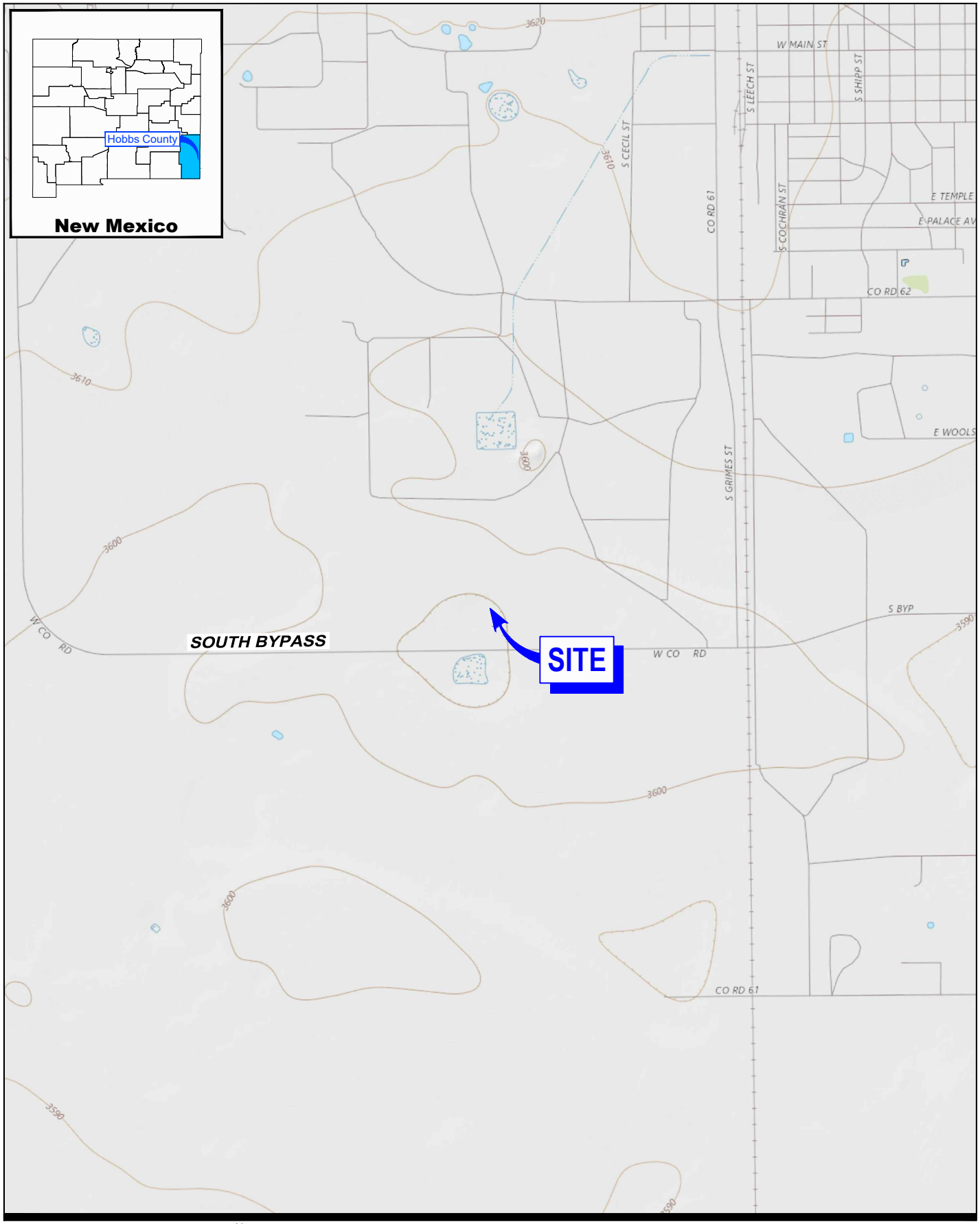
All of which is Respectfully Submitted,

GHD

Erin Sullivan
Project Manager

David Bonga, PE
Project Director

Figures



0 1000 2000 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

Project No. **12599846**
Date **April 2023**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Golden\Projects\562\12599846\Digital_Design\ACAD\Figures\GWR2023\12599846-GHD-00-00-RPT-EN-D101_DL-2023.dwg
Plotted: [illegible]

Data Source: USGS 7.5 Minute Quad "Hobbs West and Hobbs East, New Mexico"
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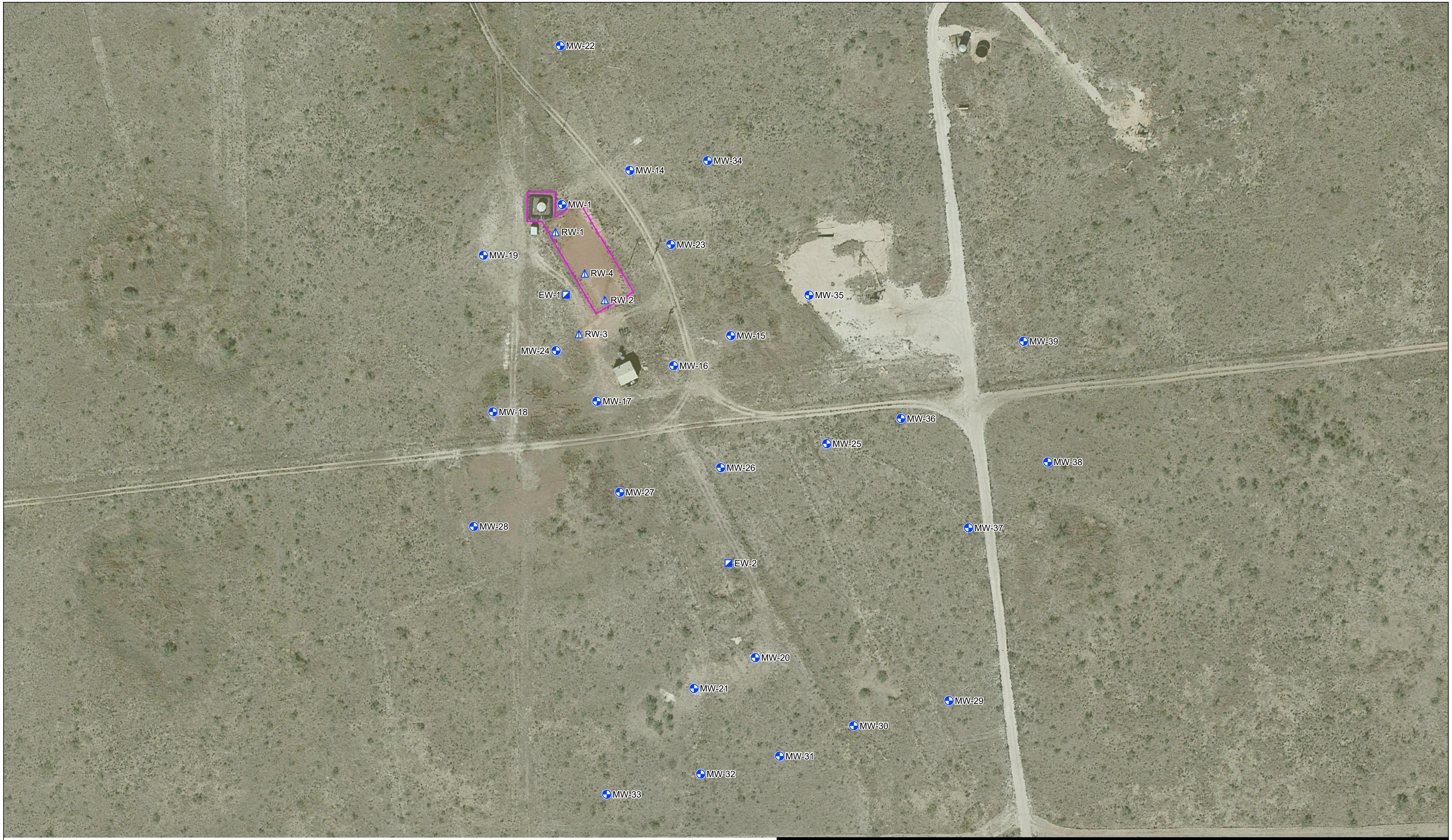

LEGEND

- EXISTING MONITOR WELL LOCATION & DESIGNATION
- EXTRACTION LOCATION & DESIGNATION
- PRODUCT RECOVERY WELL LOCATION & DESIGNATION
- FENCE LINE

0 60 120 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

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PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

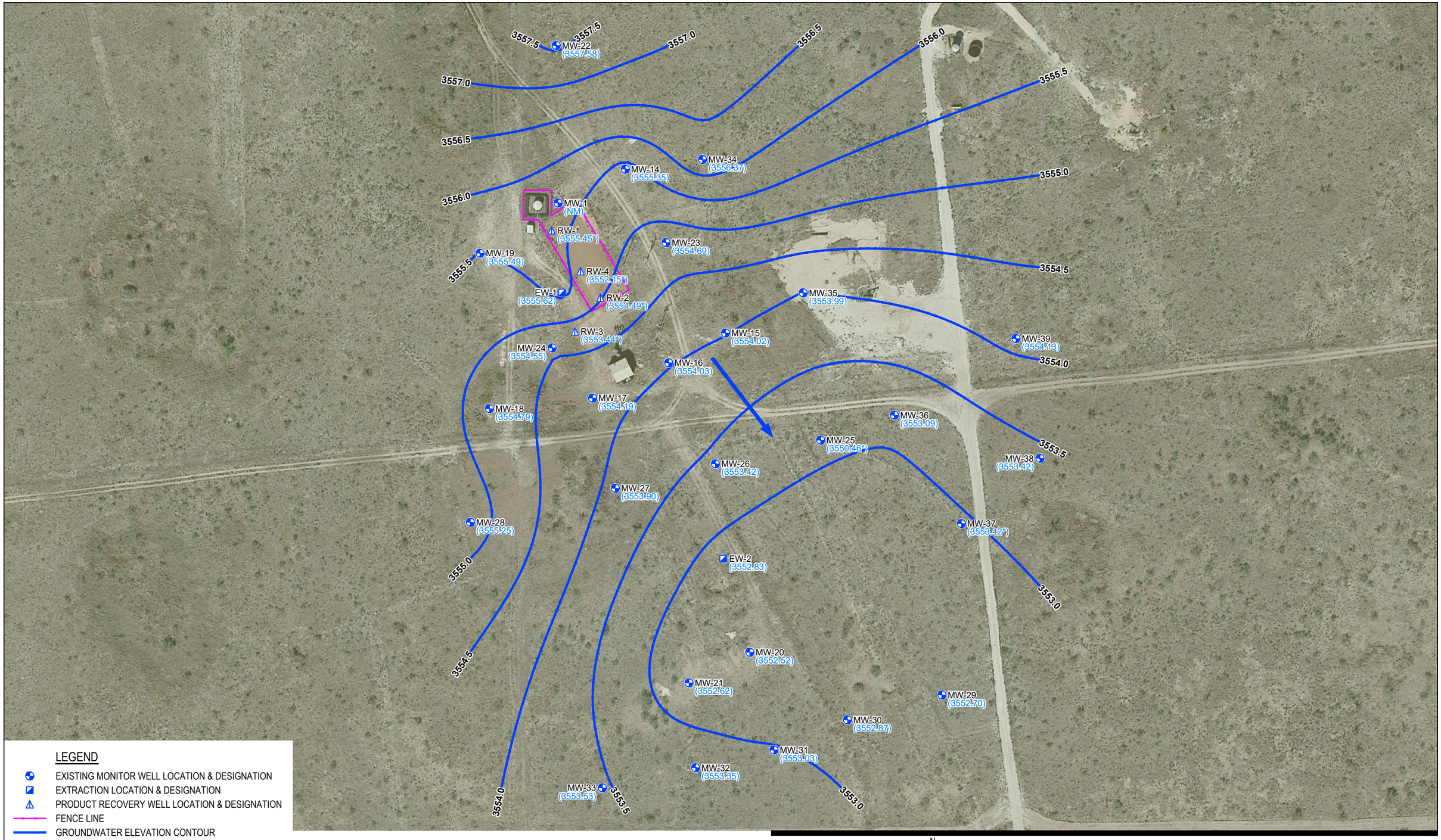
SITE PLAN

Project No. 12599846
Date April 2023

FIGURE 2

Filename: \\ghdnet\ghd\US\Golden\Projects\562\12599846\Digital_Design\ACAD\Figures\GWR2023\12599846-GHD-00-00-RPT-EN-D101_DL-2023.dwg

Data Source: Image © 2018 Google - Imagery Date: November 2, 2017
Lat/Long: 32.669285° North, 103.156255° West



LEGEND

- EXISTING MONITOR WELL LOCATION & DESIGNATION
- EXTRACTION LOCATION & DESIGNATION
- PRODUCT RECOVERY WELL LOCATION & DESIGNATION
- FENCE LINE
- GROUNDWATER ELEVATION CONTOUR (INTERVAL = 0.5 FT)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- (3553.53) ELEVATION OF GROUNDWATER (FT)
- DIRECTION OF GROUNDWATER FLOW
- NM NOT MEASURED
- * NOT USED IN CONTOUR

NOTE:

1. GROUNDWATER ELEVATIONS INDICATED ARE FROM MEASUREMENTS OBTAINED ON MARCH 29 AND 30, 2023.
2. THE APPARENT GROUNDWATER GRADIENT AND DIRECTION OF FLOW WERE DETERMINED TO BE APPROXIMATELY 0.0053 FT/FT TO THE SOUTH-SOUTHEAST.

0 60 120 ft

Coordinate System: NAD 1983 (2011) StatePlane- New Mexico East (US Feet)

N

GHD

PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

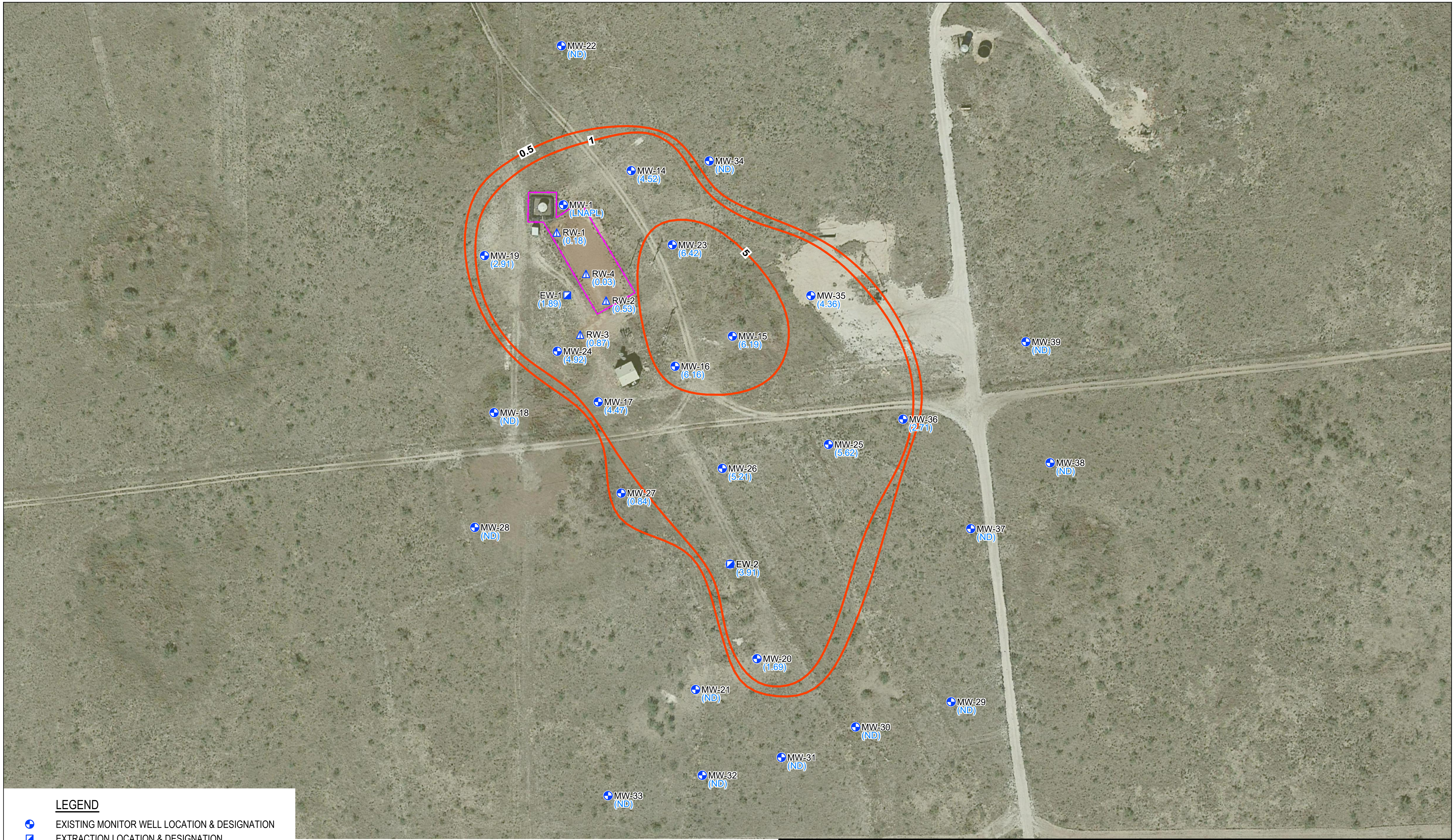
GROUNDWATER GRADIENT MAP - MARCH 2023

Project No. **12599846**
Date **April 2023**

FIGURE 3

Filename: \\phdnasfghd\US\Golden\Projects\562\12599846\Digital_Design\ACAD\Figures\GWR2023\12599846-GHD-00-00-RPT-EN-D101_DL-2023.dwg

Data Source: Image © 2018 Google - Imagery Date: November 2, 2017
Lat/Long: 32.669285° North, 103.156255° West



LEGEND

- EXISTING MONITOR WELL LOCATION & DESIGNATION
- EXTRACTION LOCATION & DESIGNATION
- PRODUCT RECOVERY WELL LOCATION & DESIGNATION
- FENCE LINE
- 5 — INFERRED LNAPL THICKNESS CONTOUR (FT)
- (0.84) LNAPL THICKNESS
- (ND) NOT DETECTED
- (NM) NOT MEASURED

NOTE:

1. LNAPL THICKNESS INDICATED ARE FROM MEASUREMENTS OBTAINED ON MARCH 29 AND 30, 2023.
2. RW-1, RW-2, RW-3, AND RW-4 ARE NOT INCLUDED IN CONTOURING.

0 60 120 ft

Coordinate System:
NAD 1983 (2011) StatePlane-New Mexico East (US Feet)

N

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PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS CONTOUR MAP - MARCH 2023

Project No. 12599846
Date July 2023

FIGURE 4

Data Source: Image © 2018 Google - Imagery Date: November 2, 2017
Lat/Long: 32.669285° North, 103.156255° West

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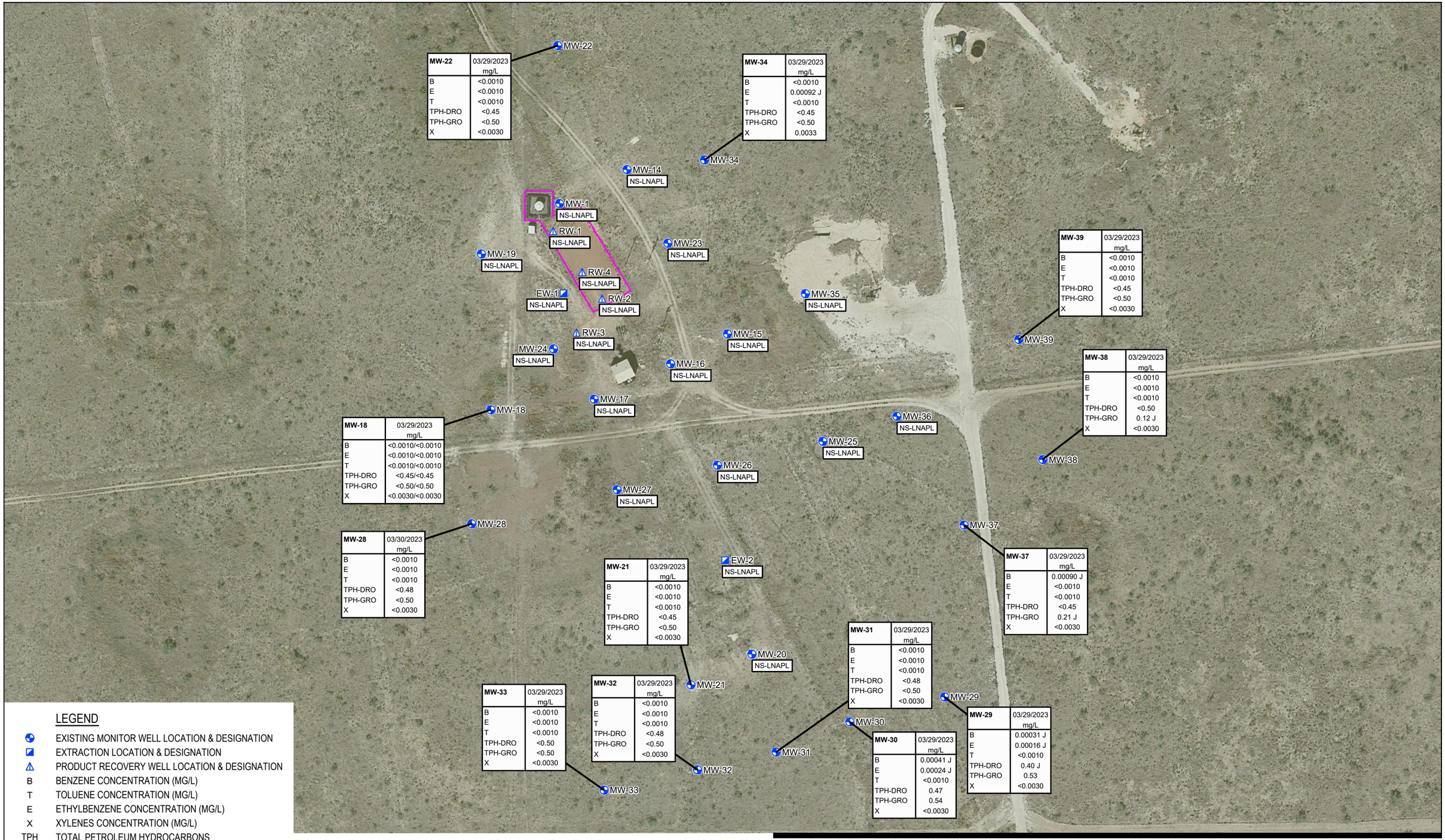


MW-22	03/29/2023 mg/L
B	<0.0010
E	<0.0010
T	<0.0010
TPH-DRO	<0.45
TPH-GRO	<0.50
X	<0.0030

MW-34	03/29/2023 mg/L
B	<0.0010
E	0.00092 J
T	<0.0010
TPH-DRO	<0.45
TPH-GRO	<0.50
X	0.0033

MW-39	03/29/2023 mg/L
B	<0.0010
E	<0.0010
T	<0.0010
TPH-DRO	<0.45
TPH-GRO	<0.50
X	<0.0030

MW-38	03/29/2023 mg/L
B	<0.0010
E	<0.0010
T	<0.0010
TPH-DRO	<0.50
TPH-GRO	0.12 J
X	<0.0030

MW-18	03/29/2023 mg/L
B	<0.0010/<0.0010
E	<0.0010/<0.0010
T	<0.0010/<0.0010
TPH-DRO	<0.45/<0.45
TPH-GRO	<0.50/<0.50
X	<0.0030/<0.0030

MW-28	03/30/2023 mg/L
B	<0.0010
E	<0.0010
T	<0.0010
TPH-DRO	<0.48
TPH-GRO	<0.50
X	<0.0030

MW-21	03/29/2023 mg/L
B	<0.0010
E	<0.0010
T	<0.0010
TPH-DRO	<0.45
TPH-GRO	<0.50
X	<0.0030

MW-37	03/29/2023 mg/L
B	0.00090 J
E	<0.0010
T	<0.0010
TPH-DRO	<0.45
TPH-GRO	0.21 J
X	<0.0030

MW-31	03/29/2023 mg/L
B	<0.0010
E	<0.0010
T	<0.0010
TPH-DRO	<0.48
TPH-GRO	<0.50
X	<0.0030

MW-29	03/29/2023 mg/L
B	0.00031 J
E	0.00016 J
T	<0.0010
TPH-DRO	0.40 J
TPH-GRO	0.53
X	<0.0030

MW-30	03/29/2023 mg/L
B	0.00041 J
E	0.00024 J
T	<0.0010
TPH-DRO	0.47
TPH-GRO	0.54
X	<0.0030

MW-33	03/29/2023 mg/L
B	<0.0010
E	<0.0010
T	<0.0010
TPH-DRO	<0.50
TPH-GRO	<0.50
X	<0.0030

MW-32	03/29/2023 mg/L
B	<0.0010
E	<0.0010
T	<0.0010
TPH-DRO	<0.48
TPH-GRO	<0.50
X	<0.0030

LEGEND

◓	EXISTING MONITOR WELL LOCATION & DESIGNATION
◪	EXTRACTION LOCATION & DESIGNATION
⚠	PRODUCT RECOVERY WELL LOCATION & DESIGNATION
B	BENZENE CONCENTRATION (MG/L)
T	TOLUENE CONCENTRATION (MG/L)
E	ETHYLBENZENE CONCENTRATION (MG/L)
X	XYLENES CONCENTRATION (MG/L)
TPH	TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/L)
DRO	TPH AS DIESEL RANGE ORGANICS
GRO	TPH AS GASOLINE RANGE ORGANICS
<0.50/<0.50	INDICATES DUPLICATE SAMPLE
NS-LNAPL	NOT SAMPLED DUE TO THE PRESENCE OF LIGHT NON-AQUEOUS PHASE LIQUIDS

NOTE:

1. GROUNDWATER CONCENTRATIONS INDICATED ARE FROM SAMPLES COLLECTED ON MARCH 29 & 30, 2023.
2. YELLOW SHADING INDICATES EXCEEDANCE OF NMWQCC GROUNDWATER QUALITY STANDARDS.

0 60 120 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

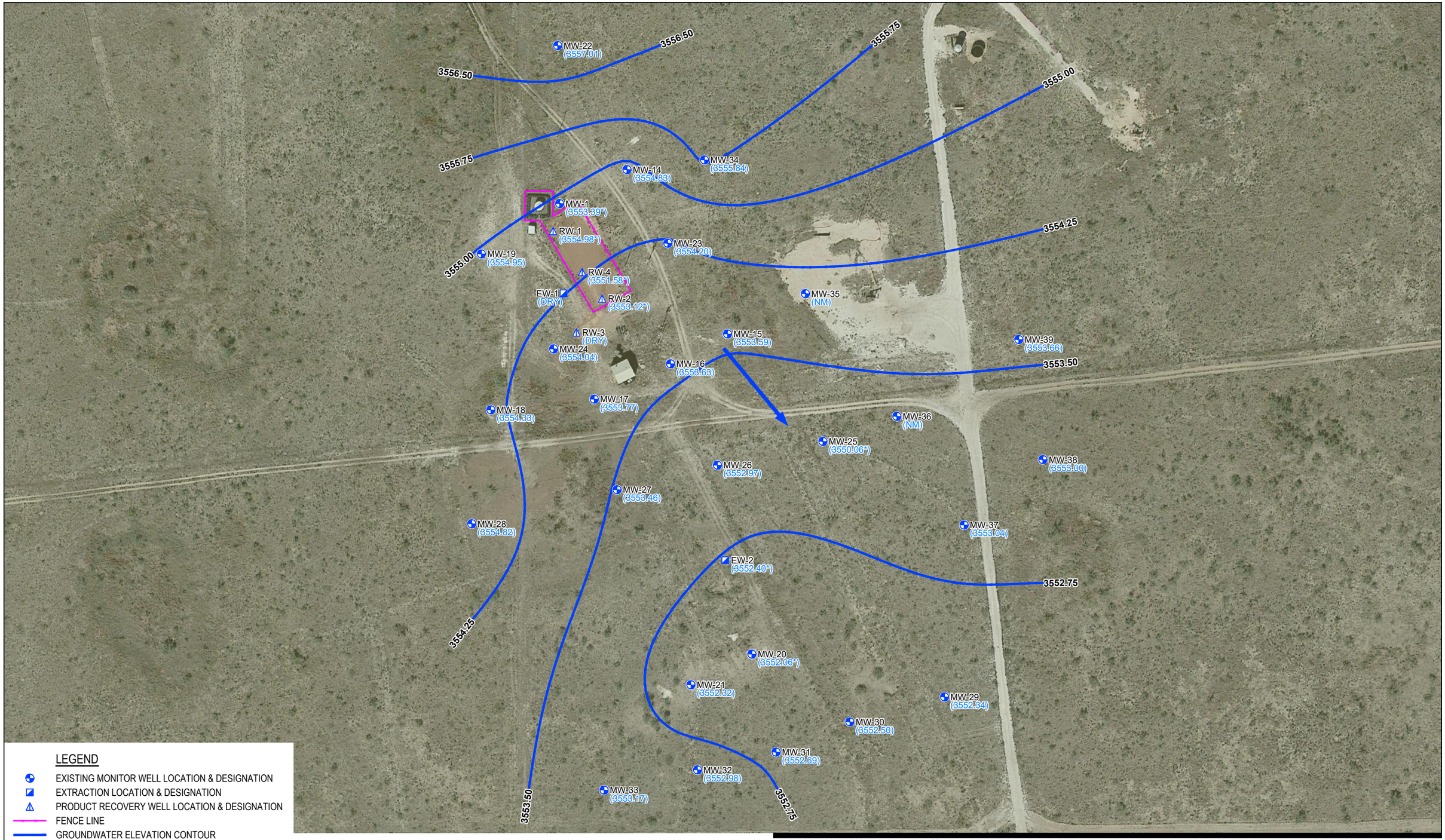
GROUNDWATER ANALYTICAL RESULTS - MARCH 2023

Project No. **12599846**
Date **April 2023**

FIGURE 5

Filename: \\ghdnetjhb1\US\Golden\Projects\562\12599846\Digital_Design\ACAD\Figures\GWR2023\12599846-GHD-00-00-RPT-EN-D101_DL-2023.dwg

Data Source: Image © 2018 Google - Imagery Date: November 2, 2017
Lat/Long: 32.669285° North, 103.156255° West



LEGEND

- EXISTING MONITOR WELL LOCATION & DESIGNATION
- EXTRACTION LOCATION & DESIGNATION
- PRODUCT RECOVERY WELL LOCATION & DESIGNATION
- FENCE LINE
- GROUNDWATER ELEVATION CONTOUR (INTERVAL = 0.75 FT)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- (3554.82) ELEVATION OF GROUNDWATER (FT)
- DIRECTION OF GROUNDWATER FLOW
- NM NOT MEASURED
- * NOT USED IN CONTOUR

NOTES:

1. GROUNDWATER ELEVATIONS INDICATED ARE FROM MEASUREMENTS OBTAINED ON SEPTEMBER 20 AND 21, 2023.
2. THE APPARENT GROUNDWATER GRADIENT AND DIRECTION OF FLOW WERE DETERMINED TO BE APPROXIMATELY 0.0053 FT/FT TO THE SOUTH-SOUTHEAST.

0 60 120 ft

Coordinate System: NAD 1983 (2011) StatePlane- New Mexico East (US Feet)

N

GHD

PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

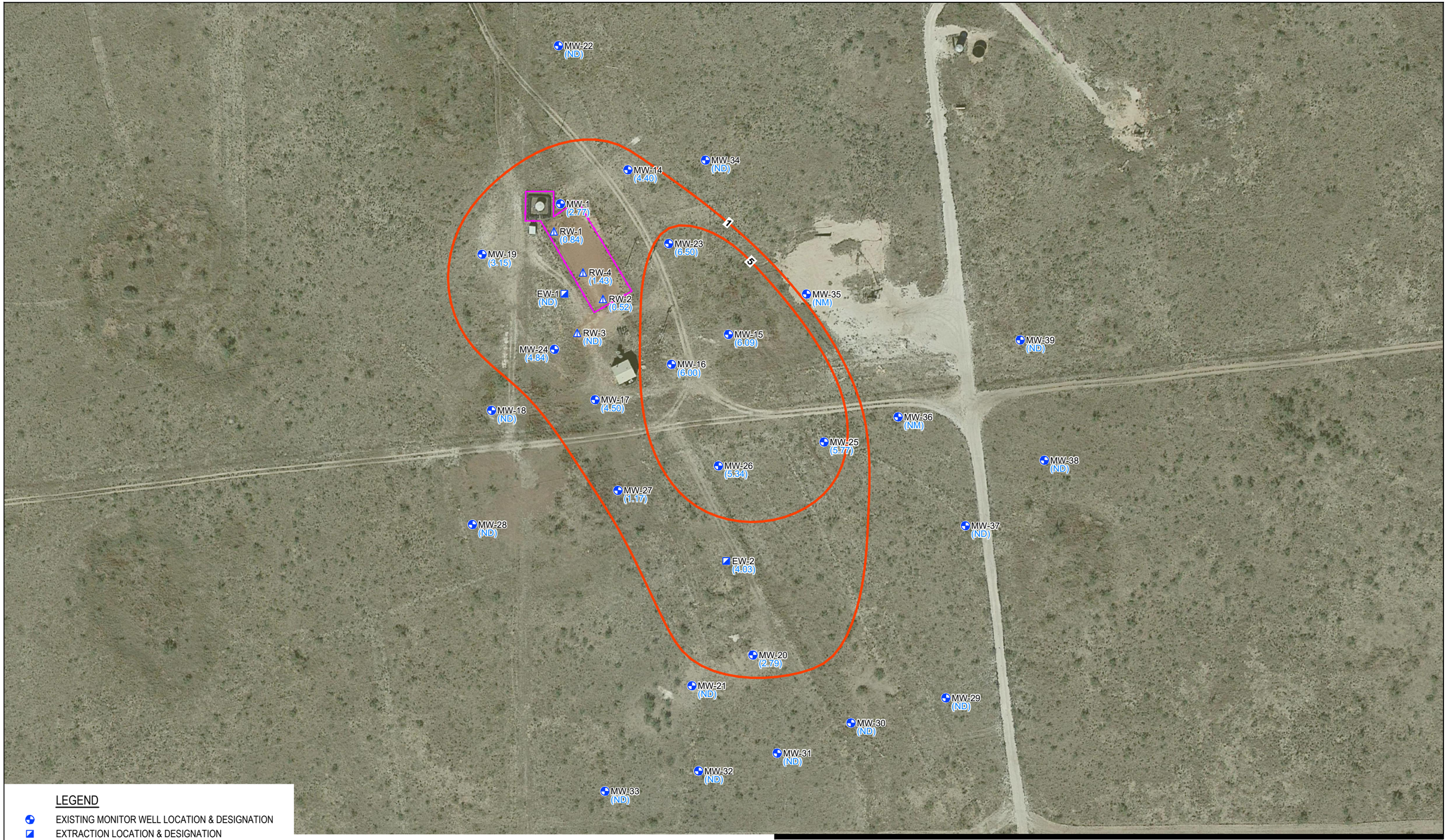
GROUNDWATER GRADIENT MAP - SEPTEMBER 2023

Project No. **12599846**
Date **November 2023**

FIGURE 6

Filename: \\phdnasfph01\US\Golden\Projects\562\12599846\Digital_Design\ACAD\Figures\GWR2023\12599846-GHD-00-00-RPT-EN-D102_DL-2023.dwg

Data Source: Image © 2018 Google - Imagery Date: November 2, 2017
Lat/Long: 32.669285° North, 103.156255° West



LEGEND

- EXISTING MONITOR WELL LOCATION & DESIGNATION
- EXTRACTION LOCATION & DESIGNATION
- PRODUCT RECOVERY WELL LOCATION & DESIGNATION
- FENCE LINE
- 5 — INFERRED LNAPL THICKNESS CONTOUR (FT)
- (1.59) — LNAPL THICKNESS
- (ND) — NOT DETECTED
- (NM) — NOT MEASURED

NOTES:

1. LNAPL THICKNESS INDICATED ARE FROM MEASUREMENTS OBTAINED ON SEPTEMBER 20 AND 21, 2023.
2. RW-1, RW-2, RW-3, AND RW-4 ARE NOT INCLUDED IN CONTOURING.

0 60 120 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

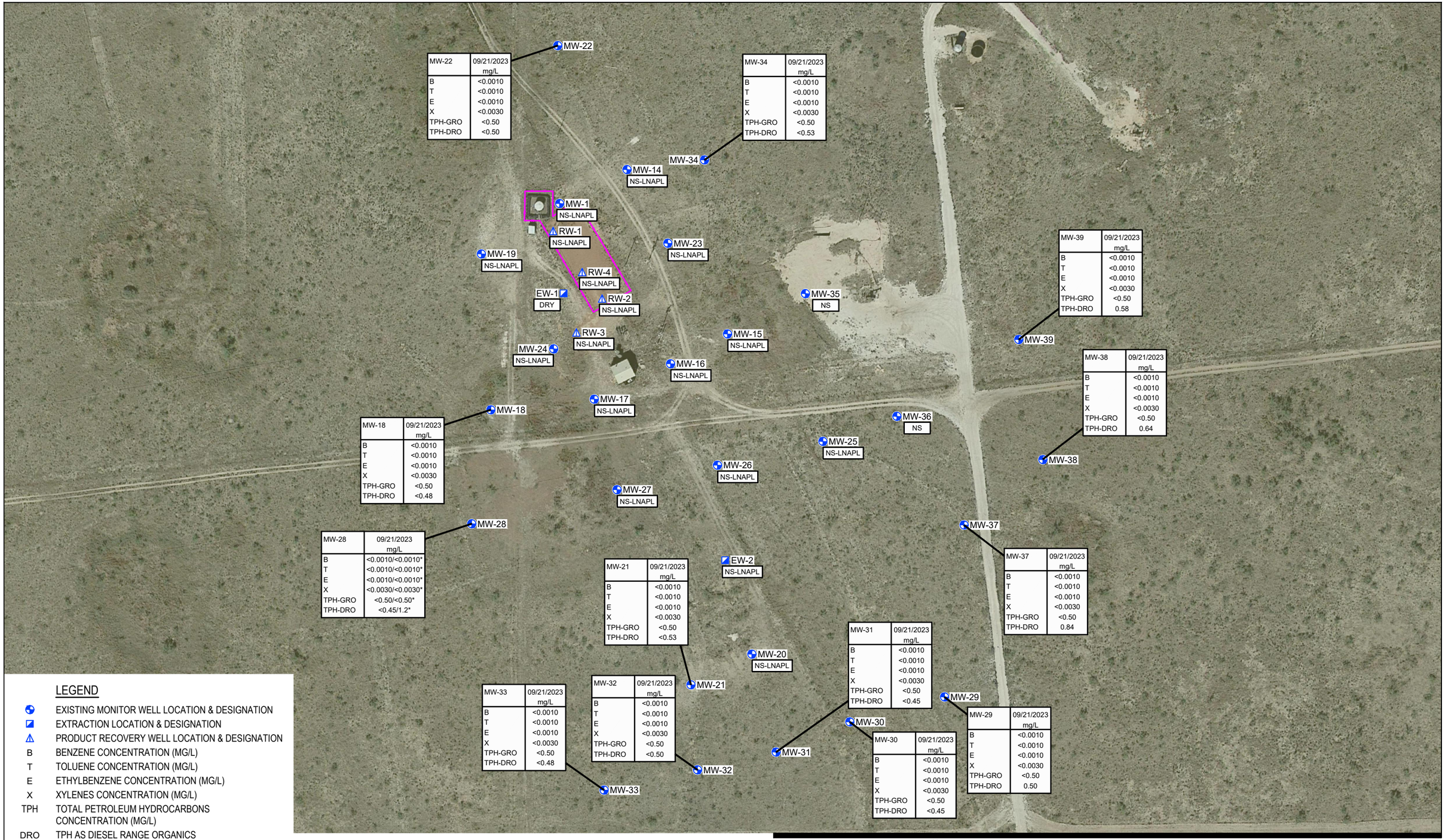
LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS CONTOUR MAP - SEPTEMBER 2023

Project No. **12599846**
Date **November 2023**

FIGURE 7

Filename: \\phdnasfph01\US\Golden\Projects\562\12599846\Digital_Design\ACAD\Figures\GWR2023\12599846-GHD-00-00-RPT-EN-D102_DL-2023.dwg

Data Source: Image © 2018 Google - Imagery Date: November 2, 2017
Lat/Long: 32.669285° North, 103.156255° West



MW-22	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	<0.50

MW-34	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	<0.53

MW-39	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	0.58

MW-38	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	0.64

MW-18	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	<0.48

MW-28	09/21/2023 mg/L
B	<0.0010/<0.0010*
T	<0.0010/<0.0010*
E	<0.0010/<0.0010*
X	<0.0030/<0.0030*
TPH-GRO	<0.50/<0.50*
TPH-DRO	<0.45/1.2*

MW-21	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	<0.53

MW-37	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	0.84

MW-31	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	<0.45

MW-33	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	<0.48

MW-32	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	<0.50

MW-30	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	<0.45

MW-29	09/21/2023 mg/L
B	<0.0010
T	<0.0010
E	<0.0010
X	<0.0030
TPH-GRO	<0.50
TPH-DRO	0.50

LEGEND

	EXISTING MONITOR WELL LOCATION & DESIGNATION
	EXTRACTION LOCATION & DESIGNATION
	PRODUCT RECOVERY WELL LOCATION & DESIGNATION
B	BENZENE CONCENTRATION (MG/L)
T	TOLUENE CONCENTRATION (MG/L)
E	ETHYLBENZENE CONCENTRATION (MG/L)
X	XYLENES CONCENTRATION (MG/L)
TPH	TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/L)
DRO	TPH AS DIESEL RANGE ORGANICS
GRO	TPH AS GASOLINE RANGE ORGANICS
*	INDICATES DUPLICATE SAMPLE
NS-LNAPL	NOT SAMPLED DUE TO THE PRESENCE OF LIGHT NON-AQUEOUS PHASE LIQUIDS
NS	NOT SAMPLED
DRY	DRY UPON GAUGING OR INSUFFICIENT WATER

NOTE:

1. GROUNDWATER CONCENTRATIONS INDICATED ARE FROM SAMPLES COLLECTED ON SEPTEMBER 21, 2023.

0 60 120 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

GROUNDWATER ANALYTICAL RESULTS - SEPTEMBER 2023

Project No. **12599846**
Date **November 2023**

FIGURE 8

Filename: \\ghdnet\ghd\US\Golden\Projects\562\12599846\Digital_Design\ACAD\Figures\GWR2023\12599846-GHD-00-00-RPT-EN-D102_DL-2023.dwg

Data Source: Image © 2018 Google - Imagery Date: November 2, 2017
Lat/Long: 32.669285° North, 103.156255° West

Tables

Table 1

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	09/20/23	3603.30	47.14	49.91	2.77	3553.39
MW-1	03/29/23	3603.30	46.72	NM	NM	NM
MW-1	09/12/22	3603.30	46.47	--	2.83	--
MW-1	04/06/22	3603.30	46.02	49.51	3.49	3556.58
MW-1	09/07/21	3603.30	46.02	NM	NM	NM
MW-1	03/31/21	3603.30	45.58	NM	NM	NM
MW-1	09/15/20	3603.30	44.74	49.10	4.36	3557.69
MW-1	09/01/20	3603.30	44.68	49.10	4.42	3557.74
MW-1	03/16/20	3603.30	44.34	49.15	4.81	3558.00
MW-1	09/16/19	3603.30	44.10	49.58	5.48	3558.10
MW-1	03/20/19	3603.30	43.58	49.11	5.53	3558.61
MW-1	09/17/18	3603.30	43.45	48.77	5.32	3558.79
MW-1	06/04/18	3603.30	43.40	46.97	3.57	3559.19
MW-1	03/20/18	3603.30	43.04	46.40	3.36	3559.59
MW-1	11/15/17	3603.30	42.75	45.48	2.73	3560.00
MW-1	10/19/17	3603.30	42.94	45.17	2.23	3559.91
MW-1	09/19/17	3603.30	43.07	45.46	2.39	3559.75
MW-1	03/22/17	3603.30	42.42	45.25	2.83	3560.31
MW-1	12/15/16	3603.30	42.82	45.51	2.69	3559.94
MW-1	10/20/16	3603.30	42.71	46.41	3.70	3559.85
MW-1	09/19/16	3603.30	43.12	45.31	2.19	3559.74
MW-1	09/15/16	3603.30	43.12	45.31	2.19	3559.74
MW-1	07/28/16	3603.30	43.11	45.28	2.17	3559.76
MW-1	07/27/16	3603.30	43.11	45.28	2.17	3559.76
MW-1	06/16/16	3603.30	42.90	45.31	2.41	3559.92
MW-1	05/19/16	3603.30	42.17	45.09	2.92	3560.55
MW-1	04/14/16	3603.30	42.55	45.20	2.65	3560.22
MW-1	03/23/16	3603.30	42.59	45.20	2.61	3560.19
MW-1	03/03/16	3603.30	42.32	45.08	2.76	3560.43
MW-1	02/04/16	3603.30	42.17	45.40	3.23	3560.48
MW-1	11/20/15	3603.30	42.28	46.72	4.44	3560.13
MW-1	09/29/15	3603.30	42.38	46.92	4.54	3560.01
MW-1	08/18/15	3603.30	42.52	46.53	4.01	3559.98
MW-1	07/29/15	3603.30	42.75	45.60	2.85	3559.98
MW-1	07/08/15	3603.30	43.00	44.34	1.34	3560.03
MW-1	07/07/15	3603.30	42.84	45.28	2.44	3559.97
MW-1	06/24/15	3603.30	42.89	45.36	2.47	3559.92
MW-1	06/08/15	3603.30	43.19	43.83	0.64	3559.98
MW-1	05/27/15	3603.30	43.00	45.56	2.56	3559.79
MW-1	05/13/15	3603.30	43.25	44.04	0.79	3559.89
MW-1	04/24/15	3603.30	43.10	44.31	1.21	3559.96
MW-1	04/22/15	3603.30	42.49	47.70	5.21	3559.77
MW-1	03/09/15	3603.30	42.35	47.38	5.03	3559.94
MW-1	01/08/15	3603.30	42.18	47.30	5.12	3560.10
MW-1	11/24/14	3603.30	42.36	47.69	5.33	3559.87
MW-1	10/01/14	3603.30	42.94	46.43	3.49	3559.66
MW-1	08/19/14	3603.30	43.29	43.67	0.38	3559.93
MW-1	07/28/14	3603.30	43.02	44.51	1.49	3559.98
MW-1	06/09/14	3603.30	43.01	43.32	0.31	3560.23
MW-1	04/28/14	3603.30	42.54	44.87	2.33	3560.29
MW-1	03/24/14	3603.30	42.40	44.97	2.57	3560.39
MW-1	03/10/14	3603.30	42.46	44.43	1.97	3560.45
MW-1	02/13/14	3603.30	42.55	43.45	0.90	3560.57
MW-1	01/21/14	3603.30	42.53	42.94	0.41	3560.69
MW-1	11/27/13	3603.30	42.47	42.58	0.11	3560.81
MW-1	10/03/13	3603.30	42.37	42.59	0.22	3560.89
MW-1	09/19/13	3603.30	42.36	42.46	0.10	3560.92
MW-1	08/22/13	3603.30	42.30	42.55	0.25	3560.95
MW-1	07/22/13	3603.30	41.75	45.47	3.72	3560.81
MW-1	07/02/13	3603.30	41.35	46.04	4.69	3561.01

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	06/07/13	3603.30	41.37	45.71	4.34	3561.06
MW-1	05/09/13	3603.30	41.38	45.29	3.91	3561.14
MW-1	04/10/13	3603.30	41.27	44.47	3.20	3561.39
MW-1	03/14/13	3603.30	41.27	44.08	2.81	3561.47
MW-1	03/07/13	3603.30	41.09	45.16	4.07	3561.40
MW-1	02/26/13	3603.30	41.13	45.64	4.51	3561.27
MW-1	12/20/12	3603.30	40.95	45.35	4.40	3561.47
MW-1	11/29/12	3603.30	41.03	44.35	3.32	3561.61
MW-1	11/15/12	3603.30	40.69	46.23	5.54	3561.50
MW-1	09/20/12	3603.30	40.45	46.10	5.65	3561.72
MW-1	06/07/12	3603.30	40.40	45.55	5.15	3561.87
MW-1	05/29/12	3603.30	40.37	45.53	5.16	3561.90
MW-1	04/19/12	3603.30	40.19	42.58	2.39	3562.63
MW-1	03/29/12	3603.30	40.16	44.98	4.82	3562.18
MW-1	02/23/12	3603.30	39.92	45.41	5.49	3562.28
MW-1	01/26/12	3603.30	39.81	45.23	5.42	3562.41
MW-1	01/06/12	3603.30	39.75	45.14	5.39	3562.47
MW-1	11/18/11	3603.30	39.56	44.96	5.40	3562.66
MW-1	10/10/11	3603.30	39.45	44.66	5.21	3562.81
MW-1	09/14/11	3603.30	39.33	44.56	5.23	3562.92
MW-1	08/16/11	3603.30	39.16	44.56	5.40	3563.06
MW-1	08/11/11	3603.30	39.15	44.51	5.36	3563.08
MW-1	08/04/11	3603.30	39.11	44.45	5.34	3563.12
MW-1	07/29/11	3603.30	39.16	44.28	5.12	3563.12
MW-1	03/28/11	3603.30	38.75	43.33	4.58	3563.63
MW-1	03/21/11	3603.30	38.39	42.80	4.41	3564.03
MW-1	03/07/11	3603.30	38.73	42.40	3.67	3563.84
MW-1	03/01/11	3603.30	38.81	41.66	2.85	3563.92
MW-1	02/15/11	3603.30	38.86	40.87	2.01	3564.04
MW-1	02/07/11	3603.30	38.80	40.30	1.50	3564.20
MW-1	01/31/11	3603.30	38.78	40.28	1.50	3564.22
MW-1	01/29/11	3603.30	38.41	43.10	4.69	3563.95
MW-1	01/17/11	3603.30	38.72	39.80	1.08	3564.36
MW-1	01/03/11	3603.30	38.18	42.12	3.94	3564.33
MW-1	12/06/10	3603.30	38.55	38.68	0.13	3564.72
MW-1	11/22/10	3603.30	37.99	41.40	3.41	3564.63
MW-1	11/09/10	3603.30	37.89	41.00	3.11	3564.79
MW-1	11/01/10	3603.30	37.87	41.40	3.53	3564.72
MW-1	10/25/10	3603.30	37.76	40.61	2.85	3564.97
MW-1	10/19/10	3603.30	37.81	40.50	2.69	3564.95
MW-1	10/12/10	3603.30	38.13	38.20	0.07	3565.16
MW-1	10/04/10	3603.30	37.75	40.50	2.75	3565.00
MW-1	09/27/10	3603.30	37.75	40.11	2.36	3565.08
MW-1	09/20/10	3603.30	37.76	39.98	2.22	3565.10
MW-1	09/13/10	3603.30	38.07	38.13	0.06	3565.22
MW-1	09/08/10	3603.30	38.21	38.70	0.49	3564.99
MW-1	08/30/10	3603.30	37.85	40.28	2.43	3564.96
MW-1	08/16/10	3603.30	37.95	40.60	2.65	3564.82
MW-1	08/09/10	3603.30	38.02	41.00	2.98	3564.68
MW-1	07/28/10	3603.30	38.04	41.63	3.59	3564.54
MW-1	07/27/10	3603.30	38.16	41.58	3.42	3564.46
MW-1	07/26/10	3603.30	38.20	41.68	3.48	3564.40
MW-1	07/19/10	3603.30	38.38	41.80	3.42	3564.24
MW-1	07/13/10	3603.30	38.45	42.48	4.03	3564.04
MW-1	07/06/10	3603.30	38.83	43.08	4.25	3563.62
MW-1	06/28/10	3603.30	39.50	39.60	0.10	3563.78
MW-1	06/15/10	3603.30	38.82	43.25	4.43	3563.59
MW-1	06/07/10	3603.30	39.45	39.51	0.06	3563.84
MW-1	06/01/10	3603.30	38.93	42.30	3.37	3563.70
MW-1	05/27/10	3603.30	38.76	43.00	4.24	3563.69

Table 1

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	05/20/10	3603.30	39.39	39.46	0.07	3563.90
MW-1	05/14/10	3603.30	38.60	39.73	1.13	3564.47
MW-1	05/03/10	3603.30	39.37	39.42	0.05	3563.92
MW-1	04/26/10	3603.30	38.75	42.54	3.79	3563.79
MW-1	04/19/10	3603.30	39.33	39.35	0.02	3563.97
MW-1	04/13/10	3603.30	38.69	42.83	4.14	3563.78
MW-1	04/05/10	3603.30	39.27	39.33	0.06	3564.02
MW-1	03/29/10	3603.30	38.74	42.25	3.51	3563.86
MW-1	03/22/10	3603.30	38.58	43.00	4.42	3563.84
MW-1	03/08/10	3603.30	39.25	39.29	0.04	3564.04
MW-1	03/01/10	3603.30	38.70	42.27	3.57	3563.89
MW-1	02/22/10	3603.30	39.24	39.30	0.06	3564.05
MW-1	02/08/10	3603.30	38.65	42.27	3.62	3563.93
MW-1	02/01/10	3603.30	39.23	39.30	0.07	3564.06
MW-1	01/25/10	3603.30	38.61	42.20	3.59	3563.97
MW-1	01/18/10	3603.30	39.15	39.17	0.02	3564.15
MW-1	01/11/10	3603.30	38.54	42.30	3.76	3564.01
MW-1	01/04/10	3603.30	38.88	40.25	1.37	3564.15
MW-1	12/22/09	3603.30	38.38	42.70	4.32	3564.06
MW-1	12/07/09	3603.30	38.95	39.01	0.06	3564.34
MW-1	11/30/09	3603.30	38.43	41.89	3.46	3564.18
MW-1	11/23/09	3603.30	38.95	39.00	0.05	3564.34
MW-1	11/10/09	3603.30	38.35	41.88	3.53	3564.24
MW-1	11/03/09	3603.30	38.90	39.00	0.10	3564.38
MW-1	10/26/09	3603.30	38.18	42.56	4.38	3564.24
MW-1	10/12/09	3603.30	38.26	41.75	3.49	3564.34
MW-1	10/05/09	3603.30	38.90	39.10	0.20	3564.36
MW-1	09/28/09	3603.30	38.71	38.82	0.11	3564.57
MW-1	09/16/09	3603.30	38.08	42.60	4.52	3564.32
MW-1	09/08/09	3603.30	38.79	39.00	0.21	3564.47
MW-1	08/31/09	3603.30	38.15	41.80	3.65	3564.42
MW-1	08/24/09	3603.30	38.91	38.96	0.05	3564.38
MW-1	08/12/09	3603.30	38.24	42.05	3.81	3564.30
MW-1	08/04/09	3603.30	38.90	38.89	0.01	3564.40
MW-1	08/03/09	3603.30	38.93	39.10	0.17	3564.34
MW-1	07/27/09	3603.30	38.20	41.77	3.57	3564.39
MW-1	07/20/09	3603.30	38.91	38.90	0.01	3564.39
MW-1	07/14/09	3603.30	38.05	43.17	5.12	3564.23
MW-1	07/06/09	3603.30	38.15	43.25	5.10	3564.13
MW-1	06/29/09	3603.30	38.13	42.92	4.79	3564.21
MW-1	06/15/09	3603.30	38.18	42.50	4.32	3564.26
MW-1	06/09/09	3603.30	38.27	41.75	3.48	3564.33
MW-1	06/02/09	3603.30	38.56	40.04	1.48	3564.44
MW-1	06/01/09	3603.30	38.20	42.00	3.80	3564.34
MW-1	05/26/09	3603.30	38.34	41.07	2.73	3564.41
MW-1	05/11/09	3603.30	38.69	38.76	0.07	3564.60
MW-1	04/28/09	3603.30	38.70	38.75	0.05	3564.59
MW-1	04/20/09	3603.30	37.94	40.78	2.84	3564.79
MW-1	04/14/09	3603.30	38.64	38.70	0.06	3564.65
MW-1	04/06/09	3603.30	38.35	41.18	2.83	3564.38
MW-1	03/30/09	3603.30	38.14	41.00	2.86	3564.59
MW-1	03/24/09	3603.30	38.55	38.60	0.05	3564.74
MW-1	03/16/09	3603.30	38.10	41.10	3.00	3564.60
MW-1	03/09/09	3603.30	38.48	38.56	0.08	3564.80
MW-1	03/02/09	3603.30	37.85	42.22	4.37	3564.58
MW-1	02/26/09	3603.30	37.85	42.15	4.30	3564.59
MW-1	02/10/09	3603.30	37.86	41.81	3.95	3564.65
MW-1	01/26/09	3603.30	38.17	40.34	2.17	3564.70
MW-1	01/19/09	3603.30	37.85	41.10	3.25	3564.80
MW-1	01/06/09	3603.30	38.30	38.32	0.02	3565.00

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	12/29/08	3603.30	37.97	39.78	1.81	3564.97
MW-1	12/24/08	3603.30	38.26	38.36	0.10	3565.02
MW-1	12/08/08	3603.30	38.06	38.71	0.65	3565.11
MW-1	12/01/08	3603.30	37.61	40.62	3.01	3565.09
MW-1	11/24/08	3603.30	38.16	38.21	0.05	3565.13
MW-1	11/10/08	3603.30	37.57	40.75	3.18	3565.09
MW-1	10/27/08	3603.30	38.13	38.17	0.04	3565.16
MW-1	10/20/08	3603.30	37.50	39.63	2.13	3565.37
MW-1	10/14/08	3603.30	38.14	38.16	0.02	3565.16
MW-1	10/07/08	3603.30	37.76	40.30	2.54	3565.03
MW-1	09/29/08	3603.30	38.17	38.20	0.03	3565.12
MW-1	09/22/08	3603.30	37.85	40.16	2.31	3564.99
MW-1	09/15/08	3603.30	38.18	38.22	0.04	3565.11
MW-1	09/09/08	3603.30	38.16	38.62	0.46	3565.05
MW-1	08/18/08	3603.30	37.85	39.57	1.72	3565.11
MW-1	08/06/08	3603.30	37.95	38.68	0.73	3565.20
MW-1	07/21/08	3603.30	37.36	39.49	2.13	3565.51
MW-1	07/14/08	3603.30	37.80	38.93	1.13	3565.27
MW-1	06/30/08	3603.30	37.79	38.70	0.91	3565.33
MW-1	06/16/08	3603.30	37.40	39.62	2.22	3565.46
MW-1	06/09/08	3603.30	37.65	37.97	0.32	3565.59
MW-1	06/02/08	3603.30	37.17	40.10	2.93	3565.54
MW-1	05/20/08	3603.30	37.65	37.81	0.16	3565.62
MW-1	04/28/08	3603.30	37.25	38.66	1.41	3565.77
MW-1	04/21/08	3603.30	36.76	38.96	2.20	3566.10
MW-1	04/14/08	3603.30	37.24	38.20	0.96	3565.87
MW-1	03/31/08	3603.30	37.28	37.55	0.27	3565.97
MW-1	03/24/08	3603.30	36.67	40.22	3.55	3565.92
MW-1	03/17/08	3603.30	36.80	39.46	2.66	3565.97
MW-1	03/11/08	3603.30	36.60	39.98	3.38	3566.02
MW-1	02/26/08	3603.30	36.49	40.14	3.65	3566.08
MW-1	02/12/08	3603.30	36.38	40.12	3.74	3566.17
MW-1	01/28/08	3603.30	36.02	39.55	3.53	3566.57
MW-1	01/07/08	3603.30	36.08	39.20	3.12	3566.60
MW-1	12/20/07	3603.30	36.06	38.55	2.49	3566.74
MW-1	12/10/07	3603.30	36.00	38.40	2.40	3566.82
MW-1	12/05/07	3603.30	35.88	38.31	2.43	3566.93
MW-1	11/19/07	3603.30	35.82	37.98	2.16	3567.05
MW-1	11/12/07	3603.30	35.85	37.97	2.12	3567.03
MW-1	10/31/07	3603.30	36.10	36.73	0.63	3567.07
MW-1	10/22/07	3603.30	35.69	38.02	2.33	3567.14
MW-1	10/11/07	3603.30	35.87	38.37	2.50	3566.93
MW-1	10/02/07	3603.30	35.89	38.78	2.89	3566.83
MW-1	09/25/07	3603.30	35.99	39.11	3.12	3566.69
MW-1	09/10/07	3603.30	36.15	39.48	3.33	3566.48
MW-1	09/04/07	3603.30	36.18	39.39	3.21	3566.48
MW-1	08/27/07	3603.30	36.12	39.44	3.32	3566.52
MW-1	08/20/07	3603.30	36.11	39.32	3.21	3566.55
MW-1	08/08/07	3603.30	36.03	39.24	3.21	3566.63
MW-1	07/30/07	3603.30	35.99	39.18	3.19	3566.67
MW-1	07/23/07	3603.30	35.94	39.17	3.23	3566.71
MW-1	07/17/07	3603.30	36.00	39.20	3.20	3566.66
MW-1	07/09/07	3603.30	36.00	39.18	3.18	3566.66
MW-1	06/26/07	3603.30	35.92	39.20	3.28	3566.72
MW-1	06/18/07	3603.30	36.03	39.22	3.19	3566.63
MW-1	06/11/07	3603.30	36.04	39.20	3.16	3566.63
MW-1	06/04/07	3603.30	36.06	39.20	3.14	3566.61
MW-1	05/29/07	3603.30	36.07	39.24	3.17	3566.60
MW-1	05/01/07	3603.30	36.11	39.21	3.10	3566.57
MW-1	04/23/07	3603.30	35.93	39.09	3.16	3566.74

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	04/02/07	3603.30	36.05	38.76	2.71	3566.71
MW-1	03/26/07	3603.30	36.05	36.05	0.00	3567.25
MW-1	03/19/07	3603.30	36.35	36.46	0.11	3566.93
MW-1	03/13/07	3603.30	36.22	36.91	0.69	3566.94
MW-1	03/05/07	3603.30	36.27	36.36	0.09	3567.01
MW-1	02/26/07	3603.30	36.17	36.68	0.51	3567.03
MW-1	02/05/07	3603.30	36.03	36.14	0.11	3567.25
MW-1	01/23/07	3603.30	35.47	37.26	1.79	3567.47
MW-1	01/08/07	3603.30	35.36	35.83	0.47	3567.85
MW-1	01/02/07	3603.30	35.72	35.83	0.11	3567.56
MW-1	12/18/06	3603.30	35.56	35.61	0.05	3567.73
MW-1	12/11/06	3603.30	35.49	35.54	0.05	3567.80
MW-1	12/05/06	3603.30	35.36	36.05	0.69	3567.80
MW-1	11/28/06	3603.30	35.42	35.50	0.08	3567.86
MW-1	11/21/06	3603.30	35.40	35.46	0.06	3567.89
MW-1	11/06/06	3603.30	35.38	35.45	0.07	3567.91
MW-1	10/30/06	3603.30	35.45	35.54	0.09	3567.83
MW-1	10/23/06	3603.30	35.17	36.41	1.24	3567.88
MW-1	10/16/06	3603.30	35.41	35.97	0.56	3567.78
MW-1	10/10/06	3603.30	35.42	36.52	1.10	3567.66
MW-1	10/02/06	3603.30	35.49	36.70	1.21	3567.57
MW-1	09/25/06	3603.30	35.52	37.40	1.88	3567.40
MW-1	09/21/06	3603.30	35.55	37.62	2.07	3567.34
MW-1	09/14/06	3603.30	35.64	37.95	2.31	3567.20
MW-1	08/28/06	3603.30	35.99	38.83	2.84	3566.74
MW-1	08/14/06	3603.30	36.01	38.81	2.80	3566.73
MW-1	08/08/06	3603.30	35.93	38.56	2.63	3566.84
MW-1	07/24/06	3603.30	35.88	38.26	2.38	3566.94
MW-1	07/17/06	3603.30	35.96	37.97	2.01	3566.94
MW-1	07/10/06	3603.30	36.06	37.04	0.98	3567.04
MW-1	07/05/06	3603.30	35.94	37.51	1.57	3567.05
MW-1	06/26/06	3603.30	35.92	37.02	1.10	3567.16
MW-1	06/12/06	3603.30	36.02	36.13	0.11	3567.26
MW-1	06/09/06	3603.30	35.91	36.25	0.34	3567.32
MW-1	05/31/06	3603.30	35.93	36.02	0.09	3567.35
MW-1	05/03/06	3603.30	35.75	35.96	0.21	3567.51
MW-1	04/24/06	3603.30	35.33	37.23	1.90	3567.59
MW-1	04/17/06	3603.30	35.46	35.71	0.25	3567.79
MW-1	04/11/06	3603.30	35.52	35.88	0.36	3567.71
MW-1	04/04/06	3603.30	35.52	35.61	0.09	3567.76
MW-1	03/29/06	3603.30	35.49	35.56	0.07	3567.80
MW-1	03/06/06	3603.30	35.26	35.42	0.16	3568.01
MW-1	02/16/06	3603.30	35.08	35.25	0.17	3568.19
MW-1	02/01/06	3603.30	34.98	35.21	0.23	3568.27
MW-1	01/23/06	3603.30	34.79	36.51	1.72	3568.17
MW-1	01/16/06	3603.30	34.92	34.99	0.07	3568.37
MW-1	01/11/06	3603.30	34.49	36.91	2.42	3568.33
MW-1	01/04/06	3603.30	34.52	36.91	2.39	3568.30
MW-1	12/28/05	3603.30	34.44	36.75	2.31	3568.40
MW-1	12/21/05	3603.30	34.31	36.82	2.51	3568.49
MW-1	12/12/05	3603.30	34.35	36.31	1.96	3568.56
MW-1	11/29/05	3603.30	34.28	35.95	1.67	3568.69
MW-1	11/16/05	3603.30	34.19	35.78	1.59	3568.79
MW-1	10/17/05	3603.30	34.10	35.90	1.80	3568.84
MW-1	08/19/05	3603.30	34.43	37.13	2.70	3568.33
MW-1	07/18/05	3603.30	34.08	36.48	2.40	3568.74
MW-1	04/18/05	3603.30	33.32	35.54	2.22	3569.54
MW-1	01/24/05	3603.30	32.92	33.36	0.44	3570.29
MW-1	10/25/04	3603.30	34.78	35.26	0.48	3568.42
MW-1	07/20/04	3603.30	37.03	40.91	3.88	3565.49

Table 1

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	04/19/04	3603.30	37.29	42.07	4.78	3565.05
MW-1	01/19/04	3603.30	37.06	42.39	5.33	3565.17
MW-1	11/05/03	3603.30	36.50	41.83	5.33	3565.73
MW-1	06/23/03	3603.30	36.29	41.89	5.60	3565.89
MW-1	04/21/03	3603.30	36.33	41.52	5.19	3565.93
MW-1	11/05/02	3603.30	35.76	41.32	5.56	3566.43
MW-1	12/11/01	3603.30	34.96	40.72	5.76	3567.19
MW-1	09/25/01	3603.30	34.64	40.28	5.64	3567.53
MW-1	06/25/01	3603.30	34.92	35.23	0.31	3568.32
MW-1	02/27/01	3603.30	30.13	36.20	6.07	3571.96
MW-2 (NIW-1)	03/06/18	PLUGGED AND ABANDONED				
MW-2 (NIW-1)	09/19/17	3601.57	--	40.92	--	3560.65
MW-2 (NIW-1)	03/22/17	3601.57	--	40.35	--	3561.22
MW-2 (NIW-1)	05/20/02	3601.57	--	33.75	--	3567.82
MW-2 (NIW-1)	12/11/01	3601.57	--	33.51	--	3568.06
MW-2 (NIW-1)	09/25/01	3601.57	--	33.12	--	3568.45
MW-2 (NIW-1)	06/25/01	3601.57	--	32.60	--	3568.97
MW-2 (NIW-1)	02/27/01	3601.57	--	32.16	--	3569.41
MW-3	03/06/18	PLUGGED AND ABANDONED				
MW-3	11/15/17	3602.77	DRY	DRY	DRY	DRY
MW-3	10/19/17	3602.77	DRY	DRY	DRY	DRY
MW-3	09/19/17	3602.77	DRY	DRY	DRY	DRY
MW-3	03/22/17	3602.77	DRY	DRY	DRY	DRY
MW-3	12/15/16	3602.77	DRY	DRY	DRY	DRY
MW-3	10/20/16	3602.77	DRY	DRY	DRY	DRY
MW-3	09/19/16	3602.77	DRY	DRY	DRY	DRY
MW-3	09/15/16	3602.77	DRY	DRY	DRY	DRY
MW-3	07/27/16	3602.77	DRY	DRY	DRY	DRY
MW-3	06/16/16	3602.77	DRY	DRY	DRY	DRY
MW-3	05/19/16	3602.77	DRY	DRY	DRY	DRY
MW-3	04/14/16	3602.77	DRY	DRY	DRY	DRY
MW-3	03/23/16	3602.77	DRY	DRY	DRY	DRY
MW-3	03/03/16	3602.77	DRY	DRY	DRY	DRY
MW-3	02/04/16	3602.77	DRY	DRY	DRY	DRY
MW-3	11/20/15	3602.77	DRY	DRY	DRY	DRY
MW-3	09/29/15	3602.77	DRY	DRY	DRY	DRY
MW-3	08/18/15	3602.77	DRY	DRY	DRY	DRY
MW-3	07/29/15	3602.77	DRY	DRY	DRY	DRY
MW-3	07/08/15	3602.77	DRY	DRY	DRY	DRY
MW-3	07/07/15	3602.77	--	43.10	--	3559.67
MW-3	06/08/15	3602.77	DRY	DRY	DRY	DRY
MW-3	05/13/15	3602.77	DRY	DRY	DRY	DRY
MW-3	04/24/15	3602.77	DRY	DRY	DRY	DRY
MW-3	04/22/15	3602.77	DRY	DRY	DRY	DRY
MW-3	03/09/15	3602.77	DRY	DRY	DRY	DRY
MW-3	01/08/15	3602.77	DRY	DRY	DRY	DRY
MW-3	11/24/14	3602.77	DRY	DRY	DRY	DRY
MW-3	10/01/14	3602.77	DRY	DRY	DRY	DRY
MW-3	08/19/14	3602.77	DRY	DRY	DRY	DRY
MW-3	07/28/14	3602.77	DRY	DRY	DRY	DRY
MW-3	06/09/14	3602.77	DRY	DRY	DRY	DRY
MW-3	04/28/14	3602.77	DRY	DRY	DRY	DRY
MW-3	03/24/14	3602.77	DRY	DRY	DRY	DRY
MW-3	03/10/14	3602.77	DRY	DRY	DRY	DRY
MW-3	02/13/14	3602.77	DRY	DRY	DRY	DRY
MW-3	01/21/14	3602.77	NM	NM	NM	NM
MW-3	11/27/13	3602.77	--	42.88	--	3559.89
MW-3	10/03/13	3602.77	DRY	DRY	DRY	DRY

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	09/19/13	3602.77	42.83	43.00	0.17	3559.91
MW-3	08/22/13	3602.77	DRY	DRY	DRY	DRY
MW-3	07/22/13	3602.77	42.75	43.00	0.25	3559.97
MW-3	07/02/13	3602.77	42.60	43.03	0.43	3560.08
MW-3	06/07/13	3602.77	42.62	43.02	0.40	3560.07
MW-3	05/09/13	3602.77	42.51	42.99	0.48	3560.16
MW-3	03/14/13	3602.77	42.37	43.03	0.66	3560.27
MW-3	02/26/13	3602.77	42.35	42.98	0.63	3560.29
MW-3	12/20/12	3602.77	42.54	42.99	0.45	3560.14
MW-3	11/29/12	3602.77	42.46	43.00	0.54	3560.20
MW-3	11/15/12	3602.77	42.42	42.99	0.57	3560.24
MW-3	09/20/12	3602.77	42.25	42.51	0.26	3560.47
MW-3	06/07/12	3602.77	41.90	42.04	0.14	3560.84
MW-3	05/29/12	3602.77	41.95	42.86	0.91	3560.64
MW-3	04/19/12	3602.77	41.58	42.90	1.32	3560.93
MW-3	03/29/12	3602.77	41.66	42.84	1.18	3560.87
MW-3	02/23/12	3602.77	41.69	42.19	0.50	3560.98
MW-3	01/26/12	3602.77	41.60	41.92	0.32	3561.11
MW-3	01/06/12	3602.77	41.52	41.89	0.37	3561.18
MW-3	11/18/11	3602.77	40.36	42.32	1.96	3562.02
MW-3	10/10/11	3602.77	40.75	42.83	2.08	3561.60
MW-3	09/14/11	3602.77	40.67	42.83	2.16	3561.67
MW-3	08/16/11	3602.77	40.76	42.95	2.19	3561.57
MW-3	08/11/11	3602.77	40.62	42.80	2.18	3561.71
MW-3	08/04/11	3602.77	39.86	41.63	1.77	3562.56
MW-3	07/29/11	3602.77	40.73	42.22	1.49	3561.74
MW-3	03/28/11	3602.77	40.31	40.63	0.32	3562.40
MW-3	03/21/11	3602.77	40.24	40.56	0.32	3562.47
MW-3	03/07/11	3602.77	40.17	40.38	0.21	3562.56
MW-3	03/01/11	3602.77	40.11	40.31	0.20	3562.62
MW-3	02/15/11	3602.77	40.02	40.26	0.24	3562.70
MW-3	02/07/11	3602.77	39.90	40.08	0.18	3562.83
MW-3	01/31/11	3602.77	39.91	40.06	0.15	3562.83
MW-3	01/29/11	3602.77	39.80	40.30	0.50	3562.87
MW-3	01/10/11	3602.77	39.80	39.90	0.10	3562.95
MW-3	01/03/11	3602.77	39.49	40.82	1.33	3563.01
MW-3	12/06/10	3602.77	--	39.51	--	3563.26
MW-3	11/22/10	3602.77	39.20	40.04	0.84	3563.40
MW-3	11/09/10	3602.77	39.22	39.35	0.13	3563.52
MW-3	11/01/10	3602.77	39.17	39.30	0.13	3563.57
MW-3	10/25/10	3602.77	38.99	39.63	0.64	3563.65
MW-3	10/19/10	3602.77	38.97	39.50	0.53	3563.69
MW-3	10/12/10	3602.77	38.99	39.14	0.15	3563.75
MW-3	10/04/10	3602.77	38.95	39.20	0.25	3563.77
MW-3	09/27/10	3602.77	38.83	39.24	0.41	3563.86
MW-3	09/20/10	3602.77	38.83	39.09	0.26	3563.89
MW-3	09/13/10	3602.77	38.85	39.09	0.24	3563.87
MW-3	09/08/10	3602.77	38.91	39.07	0.16	3563.83
MW-3	08/30/10	3602.77	38.89	39.30	0.41	3563.80
MW-3	08/16/10	3602.77	39.09	39.30	0.21	3563.64
MW-3	08/09/10	3602.77	39.08	39.93	0.85	3563.52
MW-3	07/28/10	3602.77	39.40	39.75	0.35	3563.30
MW-3	07/27/10	3602.77	39.45	39.56	0.11	3563.30
MW-3	07/26/10	3602.77	39.38	40.29	0.91	3563.21
MW-3	07/19/10	3602.77	--	39.81	--	3562.96
MW-3	07/13/10	3602.77	39.79	40.81	1.02	3562.78
MW-3	07/06/10	3602.77	40.26	41.21	0.95	3562.32
MW-3	06/28/10	3602.77	40.40	40.65	0.25	3562.32
MW-3	06/15/10	3602.77	40.35	40.65	0.30	3562.36
MW-3	06/07/10	3602.77	40.34	40.58	0.24	3562.38

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	06/01/10	3602.77	40.23	40.91	0.68	3562.40
MW-3	05/27/10	3602.77	40.30	40.50	0.20	3562.43
MW-3	05/20/10	3602.77	40.27	40.54	0.27	3562.45
MW-3	05/14/10	3602.77	40.14	41.16	1.02	3562.43
MW-3	05/03/10	3602.77	40.28	40.45	0.17	3562.46
MW-3	04/26/10	3602.77	40.15	40.91	0.76	3562.47
MW-3	04/19/10	3602.77	40.14	40.81	0.67	3562.50
MW-3	04/13/10	3602.77	40.25	40.35	0.10	3562.50
MW-3	04/05/10	3602.77	40.08	40.87	0.79	3562.53
MW-3	03/29/10	3602.77	41.18	41.27	0.09	3561.57
MW-3	03/22/10	3602.77	40.00	41.30	1.30	3562.51
MW-3	03/08/10	3602.77	40.11	40.26	0.15	3562.63
MW-3	03/01/10	3602.77	40.06	40.85	0.79	3562.55
MW-3	02/22/10	3602.77	40.16	40.26	0.10	3562.59
MW-3	02/08/10	3602.77	40.04	40.71	0.67	3562.60
MW-3	02/01/10	3602.77	39.23	39.30	0.07	3563.53
MW-3	01/25/10	3602.77	39.96	40.69	0.73	3562.66
MW-3	01/18/10	3602.77	39.93	40.66	0.73	3562.69
MW-3	01/11/10	3602.77	40.05	40.08	0.03	3562.71
MW-3	01/04/10	3602.77	39.99	40.06	0.07	3562.77
MW-3	12/22/09	3602.77	39.77	41.05	1.28	3562.74
MW-3	12/07/09	3602.77	39.88	40.03	0.15	3562.86
MW-3	11/30/09	3602.77	39.76	40.56	0.80	3562.85
MW-3	11/23/09	3602.77	39.87	39.96	0.09	3562.88
MW-3	11/10/09	3602.77	38.68	38.53	0.15	3564.12
MW-3	11/03/09	3602.77	39.84	39.88	0.04	3562.92
MW-3	10/26/09	3602.77	39.49	41.33	1.84	3562.91
MW-3	10/12/09	3602.77	39.79	39.78	0.01	3562.98
MW-3	10/05/09	3602.77	39.43	40.98	1.55	3563.03
MW-3	09/28/09	3602.77	39.65	39.73	0.08	3563.10
MW-3	09/16/09	3602.77	38.08	42.60	4.52	3563.79
MW-3	09/08/09	3602.77	39.60	39.85	0.25	3563.12
MW-3	08/31/09	3602.77	39.33	41.05	1.72	3563.10
MW-3	08/24/09	3602.77	39.72	39.71	0.01	3563.05
MW-3	08/12/09	3602.77	39.51	40.95	1.44	3562.97
MW-3	08/04/09	3602.77	39.81	39.86	0.05	3562.95
MW-3	08/03/09	3602.77	39.78	39.88	0.10	3562.97
MW-3	07/27/09	3602.77	39.49	40.88	1.39	3563.00
MW-3	07/20/09	3602.77	38.91	38.90	0.01	3563.86
MW-3	07/14/09	3602.77	38.05	43.17	5.12	3563.70
MW-3	07/06/09	3602.77	38.15	43.25	5.10	3563.60
MW-3	06/29/09	3602.77	39.42	42.00	2.58	3562.83
MW-3	06/15/09	3602.77	39.38	41.75	2.37	3562.92
MW-3	06/09/09	3602.77	39.42	41.70	2.28	3562.89
MW-3	06/02/09	3602.77	39.18	41.10	1.92	3563.21
MW-3	06/01/09	3602.77	39.47	41.05	1.58	3562.98
MW-3	05/26/09	3602.77	39.58	40.28	0.70	3563.05
MW-3	05/11/09	3602.77	39.65	39.85	0.20	3563.08
MW-3	04/28/09	3602.77	39.61	39.84	0.23	3563.11
MW-3	04/20/09	3602.77	39.15	40.29	1.14	3563.39
MW-3	04/14/09	3602.77	39.57	39.73	0.16	3563.17
MW-3	03/30/09	3602.77	39.38	40.63	1.25	3563.14
MW-3	03/24/09	3602.77	39.30	40.67	1.37	3563.20
MW-3	03/16/09	3602.77	39.50	39.67	0.17	3563.24
MW-3	03/09/09	3602.77	39.29	40.53	1.24	3563.23
MW-3	03/02/09	3602.77	39.43	39.57	0.14	3563.31
MW-3	02/26/09	3602.77	39.44	39.56	0.12	3563.31
MW-3	02/10/09	3602.77	39.08	41.08	2.00	3563.29
MW-3	01/26/09	3602.77	39.36	39.42	0.06	3563.40
MW-3	01/19/09	3602.77	39.09	40.23	1.14	3563.45

Table 1

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	01/06/09	3602.77	38.98	40.62	1.64	3563.46
MW-3	12/29/08	3602.77	38.18	38.22	0.04	3564.58
MW-3	12/24/08	3602.77	38.74	41.38	2.64	3563.50
MW-3	12/08/08	3602.77	39.02	39.03	0.01	3563.75
MW-3	12/01/08	3602.77	38.65	40.84	2.19	3563.68
MW-3	11/24/08	3602.77	39.01	39.03	0.02	3563.76
MW-3	11/10/08	3602.77	38.56	41.20	2.64	3563.68
MW-3	10/27/08	3602.77	39.05	39.06	0.01	3563.72
MW-3	10/20/08	3602.77	38.44	40.42	1.98	3563.93
MW-3	10/14/08	3602.77	38.80	40.77	1.97	3563.58
MW-3	10/07/08	3602.77	38.97	39.71	0.74	3563.65
MW-3	09/29/08	3602.77	38.89	40.23	1.34	3563.61
MW-3	09/22/08	3602.77	39.14	39.15	0.01	3563.63
MW-3	09/15/08	3602.77	38.97	40.05	1.08	3563.58
MW-3	09/09/08	3602.77	39.12	39.18	0.06	3563.64
MW-3	08/18/08	3602.77	38.80	40.41	1.61	3563.65
MW-3	08/06/08	3602.77	38.99	39.04	0.05	3563.77
MW-3	07/21/08	3602.77	38.49	39.65	1.16	3564.05
MW-3	07/14/08	3602.77	38.80	39.46	0.66	3563.84
MW-3	06/30/08	3602.77	38.64	39.89	1.25	3563.88
MW-3	06/16/08	3602.77	38.56	39.55	0.99	3564.01
MW-3	06/09/08	3602.77	38.72	38.72	0.00	3564.05
MW-3	06/02/08	3602.77	38.43	39.55	1.12	3564.12
MW-3	05/20/08	3602.77	38.55	38.55	0.00	3564.22
MW-3	04/28/08	3602.77	38.12	39.76	1.64	3564.32
MW-3	04/21/08	3602.77	37.85	39.35	1.50	3564.62
MW-3	04/14/08	3602.77	38.07	39.48	1.41	3564.42
MW-3	03/31/08	3602.77	38.00	39.19	1.19	3564.53
MW-3	03/24/08	3602.77	38.00	39.07	1.07	3564.56
MW-3	03/17/08	3602.77	37.95	38.86	0.91	3564.64
MW-3	03/11/08	3602.77	37.94	38.76	0.82	3564.67
MW-3	02/26/08	3602.77	37.89	38.42	0.53	3564.77
MW-3	02/12/08	3602.77	37.76	38.22	0.46	3564.92
MW-3	01/28/08	3602.77	37.49	37.95	0.46	3565.19
MW-3	01/07/08	3602.77	37.50	37.77	0.27	3565.22
MW-3	01/02/08	3602.77	37.49	37.81	0.32	3565.22
MW-3	12/20/07	3602.77	37.30	37.61	0.31	3565.41
MW-3	12/10/07	3602.77	37.20	37.40	0.20	3565.53
MW-3	12/05/07	3602.77	37.13	37.30	0.17	3565.61
MW-3	11/19/07	3602.77	37.01	37.16	0.15	3565.73
MW-3	11/12/07	3602.77	36.97	37.07	0.10	3565.78
MW-3	10/31/07	3602.77	36.94	37.02	0.08	3565.81
MW-3	10/22/07	3602.77	36.86	37.01	0.15	3565.88
MW-3	10/11/07	3602.77	37.06	37.14	0.08	3565.69
MW-3	10/02/07	3602.77	37.20	37.30	0.10	3565.55
MW-3	09/25/07	3602.77	37.29	37.55	0.26	3565.43
MW-3	09/10/07	3602.77	37.71	37.77	0.06	3565.05
MW-3	09/04/07	3602.77	37.68	37.91	0.23	3565.04
MW-3	08/27/07	3602.77	37.48	38.11	0.63	3565.16
MW-3	08/20/07	3602.77	37.46	38.01	0.55	3565.20
MW-3	08/08/07	3602.77	37.38	37.85	0.47	3565.30
MW-3	07/30/07	3602.77	37.37	37.73	0.36	3565.33
MW-3	07/23/07	3602.77	37.32	37.81	0.49	3565.35
MW-3	07/17/07	3602.77	37.37	37.69	0.32	3565.34
MW-3	07/09/07	3602.77	37.32	38.00	0.68	3565.31
MW-3	06/26/07	3602.77	37.32	37.82	0.50	3565.35
MW-3	06/18/07	3602.77	37.41	37.72	0.31	3565.30
MW-3	06/11/07	3602.77	37.37	37.73	0.36	3565.33
MW-3	06/04/07	3602.77	37.34	37.98	0.64	3565.30
MW-3	05/29/07	3602.77	37.36	38.11	0.75	3565.26

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	05/01/07	3602.77	37.46	37.96	0.50	3565.21
MW-3	04/23/07	3602.77	37.31	37.79	0.48	3565.36
MW-3	04/02/07	3602.77	37.39	37.59	0.20	3565.34
MW-3	03/26/07	3602.77	37.40	37.42	0.02	3565.37
MW-3	03/19/07	3602.77	37.26	37.59	0.33	3565.44
MW-3	03/13/07	3602.77	37.24	37.51	0.27	3565.48
MW-3	03/05/07	3602.77	37.17	37.40	0.23	3565.55
MW-3	02/26/07	3602.77	37.11	37.27	0.16	3565.63
MW-3	02/05/07	3602.77	36.94	37.02	0.08	3565.81
MW-3	01/23/07	3602.77	36.70	36.73	0.03	3566.06
MW-3	01/08/07	3602.77	36.68	36.69	0.01	3566.09
MW-3	01/02/07	3602.77	36.63	36.65	0.02	3566.14
MW-3	12/18/06	3602.77	36.45	36.47	0.02	3566.32
MW-3	12/11/06	3602.77	36.38	36.39	0.01	3566.39
MW-3	12/05/06	3602.77	36.34	36.35	0.01	3566.43
MW-3	11/28/06	3602.77	36.29	36.30	0.01	3566.48
MW-3	11/21/06	3602.77	36.29	36.30	0.01	3566.48
MW-3	11/06/06	3602.77	36.26	36.27	0.01	3566.51
MW-3	10/30/06	3602.77	36.31	36.30	0.01	3566.46
MW-3	10/23/06	3602.77	36.26	36.25	0.01	3566.51
MW-3	10/16/06	3602.77	36.39	36.40	0.01	3566.38
MW-3	10/10/06	3602.77	36.44	36.43	0.01	3566.33
MW-3	10/02/06	3602.77	35.51	35.50	0.01	3567.26
MW-3	09/25/06	3602.77	35.51	35.56	0.05	3567.25
MW-3	09/21/06	3602.77	36.70	36.74	0.04	3566.06
MW-3	09/14/06	3602.77	36.82	37.10	0.28	3565.89
MW-3	08/28/06	3602.77	37.29	37.68	0.39	3565.40
MW-3	08/14/06	3602.77	37.42	37.50	0.08	3565.33
MW-3	08/08/06	3602.77	37.30	37.58	0.28	3565.41
MW-3	07/24/06	3602.77	37.15	37.71	0.56	3565.51
MW-3	07/17/06	3602.77	37.14	38.14	1.00	3565.43
MW-3	07/10/06	3602.77	37.09	38.08	0.99	3565.48
MW-3	07/05/06	3602.77	37.08	38.04	0.96	3565.50
MW-3	06/26/06	3602.77	37.03	37.91	0.88	3565.56
MW-3	06/12/06	3602.77	37.06	37.21	0.15	3565.68
MW-3	06/09/06	3602.77	36.90	37.70	0.80	3565.71
MW-3	05/31/06	3602.77	36.86	37.54	0.68	3565.77
MW-3	05/03/06	3602.77	36.72	36.91	0.19	3566.01
MW-3	04/24/06	3602.77	36.54	37.06	0.52	3566.13
MW-3	04/17/06	3602.77	36.57	36.89	0.32	3566.14
MW-3	04/11/06	3602.77	36.55	36.88	0.33	3566.15
MW-3	04/04/06	3602.77	36.51	36.76	0.25	3566.21
MW-3	03/29/06	3602.77	36.48	36.70	0.22	3566.25
MW-3	03/06/06	3602.77	36.29	36.49	0.20	3566.44
MW-3	02/16/06	3602.77	36.12	36.27	0.15	3566.62
MW-3	02/01/06	3602.77	36.00	36.10	0.10	3566.75
MW-3	01/23/06	3602.77	35.81	36.37	0.56	3566.85
MW-3	01/16/06	3602.77	35.81	36.24	0.43	3566.87
MW-3	01/11/06	3602.77	35.76	36.03	0.27	3566.96
MW-3	01/04/06	3602.77	35.75	36.13	0.38	3566.94
MW-3	12/28/05	3602.77	35.72	35.87	0.15	3567.02
MW-3	11/29/05	3602.77	35.40	35.85	0.45	3567.28
MW-3	11/22/05	3602.77	35.23	35.82	0.59	3567.42
MW-3	11/16/05	3602.77	35.29	35.83	0.54	3567.37
MW-3	11/03/05	3602.77	35.16	35.68	0.52	3567.51
MW-3	10/17/05	3602.77	35.17	35.86	0.69	3567.46
MW-3	10/11/05	3602.77	35.26	35.86	0.60	3567.39
MW-3	09/29/05	3602.77	35.40	35.65	0.25	3567.32
MW-3	09/15/05	3602.77	35.30	37.05	1.75	3567.12
MW-3	08/19/05	3602.77	35.43	37.93	2.50	3566.84

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	07/18/05	3602.77	35.15	37.30	2.15	3567.19
MW-3	04/18/05	3602.77	34.21	36.20	1.99	3568.16
MW-3	01/24/05	3602.77	33.51	35.22	1.71	3568.92
MW-3	10/25/04	3602.77	--	35.38	--	3567.39
MW-3	07/20/04	3602.77	38.01	41.09	3.08	3564.14
MW-3	04/19/04	3602.77	38.31	42.08	3.77	3563.71
MW-3	01/19/04	3602.77	38.36	42.68	4.32	3563.55
MW-3	11/05/03	3602.77	38.01	42.31	4.30	3563.90
MW-3	06/23/03	3602.77	36.77	37.93	1.16	3565.77
MW-3	04/21/03	3602.77	37.14	41.52	4.38	3564.75
MW-3	11/05/02	3602.77	36.82	41.26	4.44	3565.06
MW-3	12/11/01	3602.77	36.12	40.83	4.71	3565.71
MW-3	09/25/01	3602.77	35.79	40.41	4.62	3566.06
MW-3	06/25/01	3602.77	35.23	39.44	4.21	3566.70
MW-3	02/27/01	3602.77	33.88	38.93	5.05	3567.88
MW-4	03/06/18	PLUGGED AND ABANDONED				
MW-4	11/15/17	3601.70	41.92	42.51	0.59	3559.80
MW-4	10/19/17	3601.70	42.06	42.54	0.48	3559.80
MW-4	09/19/17	3601.70	42.19	42.55	0.36	3559.80
MW-4	03/22/17	3601.70	40.21	40.95	0.74	3561.34
MW-4	12/15/16	3601.70	--	42.21	--	3559.37
MW-4	10/20/16	3601.70	--	42.12	--	3559.37
MW-4	09/19/16	3601.70	--	42.33	--	3559.37
MW-4	09/15/16	3601.70	--	42.33	--	3559.37
MW-4	07/27/16	3601.70	--	42.30	--	3559.40
MW-4	06/16/16	3601.70	--	42.11	--	3559.59
MW-4	05/19/16	3601.70	--	41.97	--	3559.73
MW-4	04/14/16	3601.70	--	41.82	--	3559.88
MW-4	03/23/16	3601.70	--	41.90	--	3559.80
MW-4	03/03/16	3601.70	--	41.60	--	3560.10
MW-4	02/04/16	3601.70	--	41.55	--	3560.15
MW-4	11/20/15	3601.70	--	41.86	--	3559.84
MW-4	09/29/15	3601.70	--	41.89	--	3559.81
MW-4	08/18/15	3601.70	--	42.00	--	3559.70
MW-4	07/29/15	3601.70	--	42.11	--	3559.59
MW-4	07/08/15	3601.70	--	42.05	--	3559.65
MW-4	07/07/15	3601.70	42.05	42.06	0.01	3559.65
MW-4	06/08/15	3601.70	--	42.16	--	3559.54
MW-4	05/13/15	3601.70	--	42.17	--	3559.53
MW-4	04/24/15	3601.70	--	42.13	--	3559.57
MW-4	04/22/15	3601.70	--	42.02	--	3559.68
MW-4	03/10/15	3601.70	--	41.92	--	3559.78
MW-4	01/08/15	3601.70	--	41.87	--	3559.83
MW-4	11/24/14	3601.70	--	41.97	--	3559.73
MW-4	10/01/14	3601.70	--	42.24	--	3559.46
MW-4	08/19/14	3601.70	--	42.11	--	3559.59
MW-4	07/28/14	3601.70	--	42.02	--	3559.68
MW-4	06/09/14	3601.70	--	41.84	--	3559.86
MW-4	04/28/14	3601.70	--	41.68	--	3560.02
MW-4	03/24/14	3601.70	--	41.81	--	3559.89
MW-4	03/10/14	3601.70	--	41.73	--	3559.97
MW-4	02/13/14	3601.70	--	41.48	--	3560.22
MW-4	01/21/14	3601.70	--	41.41	--	3560.29
MW-4	11/27/13	3601.70	--	41.33	--	3560.37
MW-4	10/03/13	3601.70	--	41.20	--	3560.50
MW-4	09/19/13	3601.70	--	41.21	--	3560.49
MW-4	08/22/13	3601.70	--	41.16	--	3560.54
MW-4	07/22/13	3601.70	--	41.19	--	3560.51
MW-4	07/02/13	3601.70	40.84	41.75	0.91	3560.68

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	06/07/13	3601.70	40.82	41.80	0.98	3560.68
MW-4	05/09/13	3601.70	40.72	41.64	0.92	3560.80
MW-4	04/10/13	3601.70	40.50	41.49	0.99	3561.00
MW-4	03/14/13	3601.70	40.52	41.32	0.80	3561.02
MW-4	03/07/13	3601.70	40.52	41.35	0.83	3561.01
MW-4	02/26/13	3601.70	40.42	41.48	1.06	3561.07
MW-4	12/20/12	3601.70	40.23	41.64	1.41	3561.19
MW-4	11/29/12	3601.70	40.15	41.62	1.47	3561.26
MW-4	11/15/12	3601.70	40.10	41.57	1.47	3561.31
MW-4	09/20/12	3601.70	39.92	41.36	1.44	3561.49
MW-4	06/07/12	3601.70	39.78	41.21	1.43	3561.63
MW-4	05/29/12	3601.70	39.84	41.28	1.44	3561.57
MW-4	04/19/12	3601.70	39.59	41.39	1.80	3561.75
MW-4	03/29/12	3601.70	39.47	41.48	2.01	3561.83
MW-4	02/23/12	3601.70	39.23	41.41	2.18	3562.03
MW-4	01/26/12	3601.70	39.14	41.25	2.11	3562.14
MW-4	01/06/12	3601.70	39.10	40.88	1.78	3562.24
MW-4	11/18/11	3601.70	39.02	40.90	1.88	3562.30
MW-4	10/10/11	3601.70	38.97	39.44	0.47	3562.64
MW-4	09/14/11	3601.70	38.88	38.94	0.06	3562.81
MW-4	08/16/11	3601.70	38.79	38.80	0.01	3562.91
MW-4	08/11/11	3601.70	38.72	38.77	0.05	3562.97
MW-4	08/04/11	3601.70	38.70	38.80	0.10	3562.98
MW-4	07/29/11	3601.70	38.66	38.70	0.04	3563.03
MW-4	03/28/11	3601.70	38.16	38.31	0.15	3563.51
MW-4	03/21/11	3601.70	38.12	38.20	0.08	3563.56
MW-4	03/07/11	3601.70	38.03	38.11	0.08	3563.65
MW-4	03/01/11	3601.70	37.98	38.07	0.09	3563.70
MW-4	02/15/11	3601.70	37.80	38.57	0.77	3563.75
MW-4	02/07/11	3601.70	37.73	38.54	0.81	3563.81
MW-4	01/31/11	3601.70	37.68	38.53	0.85	3563.85
MW-4	01/29/11	3601.70	37.62	38.47	0.85	3563.91
MW-4	01/17/11	3601.70	37.56	38.40	0.84	3563.97
MW-4	01/03/11	3601.70	37.50	38.09	0.59	3564.08
MW-4	12/06/10	3601.70	--	37.35	--	3564.35
MW-4	11/22/10	3601.70	--	37.25	--	3564.45
MW-4	11/09/10	3601.70	--	37.05	--	3564.65
MW-4	11/01/10	3601.70	--	37.11	--	3564.59
MW-4	10/25/10	3601.70	--	37.02	--	3564.68
MW-4	10/19/10	3601.70	--	37.03	--	3564.67
MW-4	10/12/10	3601.70	--	36.99	--	3564.71
MW-4	10/04/10	3601.70	--	36.96	--	3564.74
MW-4	09/27/10	3601.70	--	36.95	--	3564.75
MW-4	09/20/10	3601.70	--	36.98	--	3564.72
MW-4	09/13/10	3601.70	36.99	36.98	0.01	3564.71
MW-4	09/08/10	3601.70	--	37.02	--	3564.68
MW-4	08/30/10	3601.70	--	37.08	--	3564.62
MW-4	08/16/10	3601.70	37.28	37.27	0.01	3564.42
MW-4	08/09/10	3601.70	--	37.32	--	3564.38
MW-4	07/28/10	3601.70	37.49	37.59	0.10	3564.19
MW-4	07/27/10	3601.70	37.50	37.60	0.10	3564.18
MW-4	07/26/10	3601.70	37.54	37.63	0.09	3564.14
MW-4	07/19/10	3601.70	37.68	37.67	0.01	3564.02
MW-4	07/13/10	3601.70	37.66	38.45	0.79	3563.88
MW-4	07/06/10	3601.70	38.16	38.50	0.34	3563.47
MW-4	06/28/10	3601.70	38.22	38.45	0.23	3563.43
MW-4	06/15/10	3601.70	38.17	38.45	0.28	3563.47
MW-4	06/07/10	3601.70	38.16	38.40	0.24	3563.49
MW-4	06/01/10	3601.70	38.14	38.35	0.21	3563.52
MW-4	05/27/10	3601.70	38.11	38.45	0.34	3563.52

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	05/20/10	3601.70	38.10	38.39	0.29	3563.54
MW-4	05/14/10	3601.70	38.10	38.37	0.27	3563.55
MW-4	05/03/10	3601.70	38.08	38.25	0.17	3563.59
MW-4	04/26/10	3601.70	38.04	38.40	0.36	3563.59
MW-4	04/19/10	3601.70	38.03	38.34	0.31	3563.61
MW-4	04/13/10	3601.70	38.05	38.14	0.09	3563.63
MW-4	04/05/10	3601.70	37.97	38.34	0.37	3563.66
MW-4	03/29/10	3601.70	37.99	38.13	0.14	3563.68
MW-4	03/22/10	3601.70	37.93	38.34	0.41	3563.69
MW-4	03/08/10	3601.70	37.95	38.05	0.10	3563.73
MW-4	03/01/10	3601.70	37.91	38.29	0.38	3563.71
MW-4	02/22/10	3601.70	37.94	38.01	0.07	3563.75
MW-4	02/08/10	3601.70	37.86	38.30	0.44	3563.75
MW-4	02/01/10	3601.70	37.90	37.91	0.01	3563.80
MW-4	01/25/10	3601.70	37.80	38.37	0.57	3563.79
MW-4	01/18/10	3601.70	37.84	37.88	0.04	3563.85
MW-4	01/11/10	3601.70	37.72	38.38	0.66	3563.85
MW-4	01/04/10	3601.70	37.69	38.42	0.73	3563.86
MW-4	12/22/09	3601.70	37.75	37.82	0.07	3563.94
MW-4	12/07/09	3601.70	37.70	37.79	0.09	3563.98
MW-4	11/30/09	3601.70	37.56	38.36	0.80	3563.98
MW-4	11/23/09	3601.70	37.67	37.77	0.10	3564.01
MW-4	11/10/09	3601.70	37.50	38.37	0.87	3564.03
MW-4	11/03/09	3601.70	37.60	37.72	0.12	3564.08
MW-4	10/26/09	3601.70	37.42	38.45	1.03	3564.07
MW-4	10/12/09	3601.70	37.55	37.70	0.15	3564.12
MW-4	10/05/09	3601.70	37.36	38.34	0.98	3564.14
MW-4	09/28/09	3601.70	37.49	37.58	0.09	3564.19
MW-4	09/16/09	3601.70	37.28	38.38	1.10	3564.20
MW-4	09/08/09	3601.70	37.43	37.73	0.30	3564.21
MW-4	08/31/09	3601.70	37.48	37.65	0.17	3564.19
MW-4	08/24/09	3601.70	37.37	38.42	1.05	3564.12
MW-4	08/12/09	3601.70	37.55	37.75	0.20	3564.11
MW-4	08/04/09	3601.70	37.58	37.85	0.27	3564.07
MW-4	08/03/09	3601.70	37.57	37.81	0.24	3564.08
MW-4	07/27/09	3601.70	37.39	38.06	0.67	3564.18
MW-4	07/20/09	3601.70	37.57	37.83	0.26	3564.08
MW-4	07/14/09	3601.70	37.54	37.84	0.30	3564.10
MW-4	07/06/09	3601.70	37.54	37.76	0.22	3564.12
MW-4	06/29/09	3601.70	37.40	38.40	1.00	3564.10
MW-4	06/15/09	3601.70	37.47	37.63	0.16	3564.20
MW-4	06/09/09	3601.70	37.46	37.69	0.23	3564.19
MW-4	06/02/09	3601.70	37.30	39.60	2.30	3563.94
MW-4	06/01/09	3601.70	37.30	38.66	1.36	3564.13
MW-4	05/26/09	3601.70	37.27	38.60	1.33	3564.16
MW-4	05/11/09	3601.70	37.25	38.37	1.12	3564.23
MW-4	04/28/09	3601.70	37.30	37.94	0.64	3564.27
MW-4	04/20/09	3601.70	37.03	37.48	0.45	3564.58
MW-4	04/14/09	3601.70	37.31	37.60	0.29	3564.33
MW-4	04/06/09	3601.70	37.30	37.45	0.15	3564.37
MW-4	03/30/09	3601.70	37.30	37.39	0.09	3564.38
MW-4	03/24/09	3601.70	37.26	37.31	0.05	3564.43
MW-4	03/16/09	3601.70	--	37.30	--	3564.40
MW-4	03/09/09	3601.70	37.09	38.25	1.16	3564.38
MW-4	03/02/09	3601.70	37.08	38.09	1.01	3564.42
MW-4	02/26/09	3601.70	37.07	38.03	0.96	3564.44
MW-4	02/10/09	3601.70	37.03	37.95	0.92	3564.49
MW-4	01/26/09	3601.70	37.03	37.85	0.82	3564.51
MW-4	01/19/09	3601.70	36.96	37.44	0.48	3564.64
MW-4	01/06/09	3601.70	36.96	37.46	0.50	3564.64

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	12/29/08	3601.70	36.92	37.37	0.45	3564.69
MW-4	12/24/08	3601.70	36.90	37.29	0.39	3564.72
MW-4	12/08/08	3601.70	36.81	37.17	0.36	3564.82
MW-4	12/01/08	3601.70	36.80	37.11	0.31	3564.84
MW-4	11/24/08	3601.70	36.79	37.00	0.21	3564.87
MW-4	11/10/08	3601.70	36.80	37.02	0.22	3564.86
MW-4	10/27/08	3601.70	36.86	37.13	0.27	3564.79
MW-4	10/20/08	3601.70	36.50	36.82	0.32	3565.14
MW-4	10/14/08	3601.70	36.89	37.08	0.19	3564.77
MW-4	10/07/08	3601.70	36.87	37.10	0.23	3564.78
MW-4	09/29/08	3601.70	36.90	37.10	0.20	3564.76
MW-4	09/22/08	3601.70	36.89	37.10	0.21	3564.77
MW-4	09/15/08	3601.70	36.87	37.06	0.19	3564.79
MW-4	09/09/08	3601.70	36.86	37.04	0.18	3564.80
MW-4	08/18/08	3601.70	36.78	36.93	0.15	3564.89
MW-4	08/06/08	3601.70	36.71	36.89	0.18	3564.95
MW-4	07/21/08	3601.70	36.37	36.58	0.21	3565.29
MW-4	07/14/08	3601.70	36.59	36.77	0.18	3565.07
MW-4	06/30/08	3601.70	36.56	36.67	0.11	3565.12
MW-4	06/16/08	3601.70	36.41	36.62	0.21	3565.25
MW-4	06/09/08	3601.70	36.38	36.57	0.19	3565.28
MW-4	06/02/08	3601.70	36.30	36.55	0.25	3565.35
MW-4	05/20/08	3601.70	36.21	36.44	0.23	3565.44
MW-4	04/28/08	3601.70	36.10	36.38	0.28	3565.54
MW-4	04/21/08	3601.70	35.80	36.09	0.29	3565.84
MW-4	04/14/08	3601.70	35.99	36.29	0.30	3565.65
MW-4	03/31/08	3601.70	35.42	36.17	0.75	3566.13
MW-4	03/24/08	3601.70	35.88	36.13	0.25	3565.77
MW-4	03/17/08	3601.70	35.85	36.08	0.23	3565.80
MW-4	03/11/08	3601.70	35.80	36.06	0.26	3565.85
MW-4	02/26/08	3601.70	35.71	35.96	0.25	3565.94
MW-4	02/12/08	3601.70	35.63	35.87	0.24	3566.02
MW-4	01/28/08	3601.70	35.34	35.60	0.26	3566.31
MW-4	01/07/08	3601.70	35.40	35.60	0.20	3566.26
MW-4	01/02/08	3601.70	35.38	35.56	0.18	3566.28
MW-4	12/20/07	3601.70	35.24	35.46	0.22	3566.42
MW-4	12/10/07	3601.70	35.12	35.33	0.21	3566.54
MW-4	12/05/07	3601.70	35.09	35.26	0.17	3566.58
MW-4	11/19/07	3601.70	35.02	35.04	0.02	3566.68
MW-4	11/12/07	3601.70	--	35.01	--	3566.69
MW-4	10/31/07	3601.70	34.99	35.31	0.32	3566.65
MW-4	10/22/07	3601.70	34.89	35.29	0.40	3566.73
MW-4	10/11/07	3601.70	35.10	35.46	0.36	3566.53
MW-4	10/02/07	3601.70	35.19	35.46	0.27	3566.46
MW-4	09/25/07	3601.70	35.28	35.56	0.28	3566.36
MW-4	09/10/07	3601.70	35.40	35.70	0.30	3566.24
MW-4	09/04/07	3601.70	35.41	35.70	0.29	3566.23
MW-4	08/27/07	3601.70	35.37	35.66	0.29	3566.27
MW-4	08/20/07	3601.70	35.35	35.60	0.25	3566.30
MW-4	08/08/07	3601.70	35.28	35.52	0.24	3566.37
MW-4	07/30/07	3601.70	35.27	35.45	0.18	3566.39
MW-4	07/23/07	3601.70	35.26	35.44	0.18	3566.40
MW-4	07/17/07	3601.70	35.28	35.41	0.13	3566.39
MW-4	07/09/07	3601.70	35.27	35.41	0.14	3566.40
MW-4	06/26/07	3601.70	35.23	35.31	0.08	3566.45
MW-4	06/18/07	3601.70	35.34	35.39	0.05	3566.35
MW-4	06/11/07	3601.70	35.34	35.37	0.03	3566.35
MW-4	06/04/07	3601.70	35.35	35.36	0.01	3566.35
MW-4	05/29/07	3601.70	35.33	35.46	0.13	3566.34
MW-4	05/01/07	3601.70	35.32	35.35	0.03	3566.37

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	04/23/07	3601.70	35.17	35.19	0.02	3566.53
MW-4	04/02/07	3601.70	35.21	35.40	0.19	3566.45
MW-4	03/26/07	3601.70	35.14	35.57	0.43	3566.47
MW-4	03/19/07	3601.70	35.08	35.58	0.50	3566.52
MW-4	03/13/07	3601.70	35.05	35.50	0.45	3566.56
MW-4	03/05/07	3601.70	35.06	35.43	0.37	3566.57
MW-4	02/26/07	3601.70	34.95	35.32	0.37	3566.68
MW-4	02/05/07	3601.70	34.81	34.97	0.16	3566.86
MW-4	01/23/07	3601.70	34.55	34.70	0.15	3567.12
MW-4	01/08/07	3601.70	34.59	34.69	0.10	3567.09
MW-4	01/02/07	3601.70	34.55	34.65	0.10	3567.13
MW-4	12/18/06	3601.70	34.44	34.52	0.08	3567.24
MW-4	12/11/06	3601.70	34.40	34.44	0.04	3567.29
MW-4	12/05/06	3601.70	34.36	34.40	0.04	3567.33
MW-4	11/28/06	3601.70	34.33	34.37	0.04	3567.36
MW-4	11/21/06	3601.70	34.33	34.36	0.03	3567.36
MW-4	11/06/06	3601.70	34.36	34.39	0.03	3567.33
MW-4	10/30/06	3601.70	34.38	34.41	0.03	3567.31
MW-4	10/23/06	3601.70	34.30	34.43	0.13	3567.37
MW-4	10/16/06	3601.70	34.44	34.48	0.04	3567.25
MW-4	10/10/06	3601.70	34.50	34.53	0.03	3567.19
MW-4	10/02/06	3601.70	34.58	34.59	0.01	3567.12
MW-4	09/25/06	3601.70	34.67	34.68	0.01	3567.03
MW-4	09/21/06	3601.70	34.71	34.72	0.01	3566.99
MW-4	09/14/06	3601.70	34.83	34.84	0.01	3566.87
MW-4	08/28/06	3601.70	35.18	35.19	0.01	3566.52
MW-4	08/14/06	3601.70	35.15	35.33	0.18	3566.51
MW-4	08/08/06	3601.70	35.02	35.58	0.56	3566.57
MW-4	07/24/06	3601.70	34.89	35.51	0.62	3566.69
MW-4	07/17/06	3601.70	34.94	35.53	0.59	3566.64
MW-4	07/10/06	3601.70	34.90	35.45	0.55	3566.69
MW-4	07/05/06	3601.70	34.88	35.41	0.53	3566.71
MW-4	06/26/06	3601.70	34.82	35.37	0.55	3566.77
MW-4	06/12/06	3601.70	34.72	35.24	0.52	3566.88
MW-4	06/09/06	3601.70	34.68	35.25	0.57	3566.91
MW-4	05/31/06	3601.70	34.63	35.18	0.55	3566.96
MW-4	05/03/06	3601.70	34.44	34.86	0.42	3567.18
MW-4	04/24/06	3601.70	34.33	34.73	0.40	3567.29
MW-4	04/17/06	3601.70	34.34	34.69	0.35	3567.29
MW-4	04/11/06	3601.70	34.31	34.64	0.33	3567.32
MW-4	04/04/06	3601.70	34.25	34.56	0.31	3567.39
MW-4	03/29/06	3601.70	34.23	34.51	0.28	3567.41
MW-4	03/06/06	3601.70	34.04	34.33	0.29	3567.60
MW-4	02/16/06	3601.70	33.91	34.14	0.23	3567.74
MW-4	02/01/06	3601.70	33.80	34.05	0.25	3567.85
MW-4	01/23/06	3601.70	33.69	33.96	0.27	3567.96
MW-4	01/16/06	3601.70	33.64	34.18	0.54	3567.95
MW-4	01/11/06	3601.70	33.61	34.03	0.42	3568.01
MW-4	01/10/06	3601.70	33.62	34.03	0.41	3568.00
MW-4	01/04/06	3601.70	33.62	34.17	0.55	3567.97
MW-4	12/28/05	3601.70	33.54	33.98	0.44	3568.07
MW-4	12/21/05	3601.70	33.50	33.88	0.38	3568.12
MW-4	12/12/05	3601.70	33.43	33.74	0.31	3568.21
MW-4	12/06/05	3601.70	33.38	33.64	0.26	3568.27
MW-4	11/29/05	3601.70	33.37	33.63	0.26	3568.28
MW-4	11/22/05	3601.70	33.31	33.43	0.12	3568.37
MW-4	11/16/05	3601.70	33.32	33.46	0.14	3568.35
MW-4	11/03/05	3601.70	33.24	33.45	0.21	3568.42
MW-4	10/17/05	3601.70	33.21	33.61	0.40	3568.41
MW-4	10/11/05	3601.70	33.25	33.67	0.42	3568.37

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	09/29/05	3601.70	33.38	33.78	0.40	3568.24
MW-4	09/15/05	3601.70	33.51	33.98	0.47	3568.10
MW-4	08/18/05	3601.70	33.57	34.04	0.47	3568.04
MW-4	07/18/05	3601.70	33.28	33.64	0.36	3568.35
MW-4	04/18/05	3601.70	32.59	32.58	0.01	3569.11
MW-4	01/24/05	3601.70	32.24	32.25	0.01	3569.46
MW-4	10/25/04	3601.70	34.25	34.26	0.01	3567.45
MW-4	07/20/04	3601.70	36.14	37.59	1.45	3565.27
MW-4	04/19/04	3601.70	36.36	38.90	2.54	3564.83
MW-4	01/19/04	3601.70	36.32	38.99	2.67	3564.85
MW-4	11/05/03	3601.70	35.96	38.86	2.90	3565.16
MW-4	06/23/03	3601.70	35.34	38.73	3.39	3565.68
MW-4	04/21/03	3601.70	35.22	38.78	3.56	3565.77
MW-4	11/05/02	3601.70	34.82	38.51	3.69	3566.14
MW-4	12/11/01	3601.70	34.03	37.59	3.56	3566.96
MW-4	09/25/01	3601.70	33.63	37.38	3.75	3567.32
MW-4	06/25/01	3601.70	33.17	36.90	3.73	3567.78
MW-4	02/27/01	3601.70	32.41	36.13	3.72	3568.55
MW-5	03/06/18	PLUGGED AND ABANDONED				
MW-5	11/15/17	3601.54	DRY	DRY	DRY	DRY
MW-5	10/19/17	3601.54	DRY	DRY	DRY	DRY
MW-5	09/19/17	3601.54	DRY	DRY	DRY	DRY
MW-5	03/22/17	3601.54	DRY	DRY	DRY	DRY
MW-5	12/15/16	3601.54	DRY	DRY	DRY	DRY
MW-5	10/20/16	3601.54	DRY	DRY	DRY	DRY
MW-5	09/19/16	3601.54	DRY	DRY	DRY	DRY
MW-5	09/15/16	3601.54	DRY	DRY	DRY	DRY
MW-5	07/27/16	3601.54	DRY	DRY	DRY	DRY
MW-5	06/16/16	3601.54	DRY	DRY	DRY	DRY
MW-5	05/19/16	3601.54	DRY	DRY	DRY	DRY
MW-5	04/14/16	3601.54	DRY	DRY	DRY	DRY
MW-5	03/23/16	3601.54	DRY	DRY	DRY	DRY
MW-5	03/03/16	3601.54	DRY	DRY	DRY	DRY
MW-5	02/04/16	3601.54	DRY	DRY	DRY	DRY
MW-5	11/20/15	3601.54	DRY	DRY	DRY	DRY
MW-5	09/29/15	3601.54	DRY	DRY	DRY	DRY
MW-5	08/18/15	3601.54	DRY	DRY	DRY	DRY
MW-5	07/29/15	3601.54	DRY	DRY	DRY	DRY
MW-5	06/08/15	3601.54	DRY	DRY	DRY	DRY
MW-5	05/13/15	3601.54	DRY	DRY	DRY	DRY
MW-5	04/24/15	3601.54	DRY	DRY	DRY	DRY
MW-5	03/09/15	3601.54	DRY	DRY	DRY	DRY
MW-5	01/08/15	3601.54	DRY	DRY	DRY	DRY
MW-5	11/24/14	3601.54	DRY	DRY	DRY	DRY
MW-5	10/01/14	3601.54	DRY	DRY	DRY	DRY
MW-5	08/19/14	3601.54	DRY	DRY	DRY	DRY
MW-5	07/28/14	3601.54	DRY	DRY	DRY	DRY
MW-5	06/09/14	3601.54	DRY	DRY	DRY	DRY
MW-5	04/28/14	3601.54	DRY	DRY	DRY	DRY
MW-5	03/24/14	3601.54	DRY	DRY	DRY	DRY
MW-5	03/10/14	3601.54	DRY	DRY	DRY	DRY
MW-5	02/13/14	3601.54	DRY	DRY	DRY	DRY
MW-5	01/21/14	3601.54	NM	NM	NM	NM
MW-5	11/27/13	3601.54	DRY	DRY	DRY	DRY
MW-5	10/03/13	3601.54	DRY	DRY	DRY	DRY
MW-5	09/19/13	3601.54	DRY	DRY	DRY	DRY
MW-5	08/22/13	3601.54	DRY	DRY	DRY	DRY
MW-5	07/22/13	3601.54	DRY	DRY	DRY	DRY
MW-5	07/02/13	3601.54	DRY	DRY	DRY	DRY

Groundwater Elevation Data
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Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	06/07/13	3601.54	DRY	DRY	DRY	DRY
MW-5	05/09/13	3601.54	DRY	DRY	DRY	DRY
MW-5	03/14/13	3601.54	DRY	DRY	DRY	DRY
MW-5	02/26/13	3601.54	DRY	DRY	DRY	DRY
MW-5	11/29/12	3601.54	40.46	40.58	0.12	3561.06
MW-5	09/20/12	3601.54	40.29	40.54	0.25	3561.20
MW-5	06/07/12	3601.54	40.28	40.44	0.16	3561.23
MW-5	05/29/12	3601.54	40.02	40.46	0.44	3561.43
MW-5	04/19/12	3601.54	39.88	39.92	0.04	3561.65
MW-5	03/29/12	3601.54	39.18	39.45	0.27	3562.31
MW-5	02/23/12	3601.54	39.96	40.38	0.42	3561.50
MW-5	01/26/12	3601.54	39.90	40.36	0.46	3561.55
MW-5	01/06/12	3601.54	39.80	40.38	0.58	3561.62
MW-5	11/18/11	3601.54	39.42	40.37	0.95	3561.93
MW-5	10/10/11	3601.54	39.23	40.38	1.15	3562.08
MW-5	09/14/11	3601.54	39.65	40.48	0.83	3561.72
MW-5	08/11/11	3601.54	39.41	40.13	0.72	3561.99
MW-5	08/04/11	3601.54	38.97	40.35	1.38	3562.29
MW-5	07/29/11	3601.54	39.00	40.32	1.32	3562.28
MW-5	03/28/11	3601.54	39.20	39.71	0.51	3562.24
MW-5	03/21/11	3601.54	39.14	39.56	0.42	3562.32
MW-5	03/07/11	3601.54	38.48	40.45	1.97	3562.67
MW-5	03/01/11	3601.54	38.45	40.47	2.02	3562.69
MW-5	02/15/11	3601.54	38.33	40.42	2.09	3562.79
MW-5	02/07/11	3601.54	38.19	39.70	1.51	3563.05
MW-5	01/31/11	3601.54	38.29	40.40	2.11	3562.83
MW-5	01/29/11	3601.54	38.23	40.45	2.22	3562.87
MW-5	01/17/11	3601.54	38.25	40.44	2.19	3562.85
MW-5	01/10/11	3601.54	38.21	40.45	2.24	3562.88
MW-5	01/03/11	3601.54	38.14	40.40	2.26	3562.95
MW-5	12/06/10	3601.54	38.22	39.45	1.23	3563.07
MW-5	11/22/10	3601.54	38.68	39.12	0.44	3562.77
MW-5	11/09/10	3601.54	37.82	40.40	2.58	3563.20
MW-5	11/01/10	3601.54	37.82	40.17	2.35	3563.25
MW-5	10/25/10	3601.54	37.75	40.00	2.25	3563.34
MW-5	10/19/10	3601.54	38.39	38.80	0.41	3563.07
MW-5	10/12/10	3601.54	37.73	39.82	2.09	3563.39
MW-5	10/04/10	3601.54	38.32	38.60	0.28	3563.16
MW-5	09/27/10	3601.54	38.28	38.70	0.42	3563.18
MW-5	09/20/10	3601.54	37.70	39.80	2.10	3563.42
MW-5	09/13/10	3601.54	37.74	39.57	1.83	3563.43
MW-5	09/08/10	3601.54	38.60	38.65	0.05	3562.93
MW-5	08/30/10	3601.54	37.80	40.05	2.25	3563.29
MW-5	08/16/10	3601.54	39.89	40.05	0.16	3561.62
MW-5	08/09/10	3601.54	38.58	39.03	0.45	3562.87
MW-5	07/28/10	3601.54	37.50	40.06	2.56	3563.53
MW-5	07/27/10	3601.54	38.45	38.98	0.53	3562.98
MW-5	07/26/10	3601.54	38.09	40.39	2.30	3562.99
MW-5	07/19/10	3601.54	38.90	39.26	0.36	3562.57
MW-5	07/13/10	3601.54	38.26	40.42	2.16	3562.85
MW-5	07/06/10	3601.54	38.66	40.40	1.74	3562.53
MW-5	06/28/10	3601.54	39.38	39.44	0.06	3562.15
MW-5	06/15/10	3601.54	38.67	40.44	1.77	3562.52
MW-5	06/07/10	3601.54	39.30	39.38	0.08	3562.22
MW-5	06/01/10	3601.54	38.62	40.38	1.76	3562.57
MW-5	05/27/10	3601.54	39.25	39.30	0.05	3562.28
MW-5	05/20/10	3601.54	39.56	40.10	0.54	3561.87
MW-5	05/14/10	3601.54	38.34	40.40	2.06	3562.79
MW-5	05/03/10	3601.54	39.21	39.26	0.05	3562.32
MW-5	04/26/10	3601.54	38.51	40.38	1.87	3562.66

Groundwater Elevation Data
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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	04/20/10	3601.54	39.51	39.80	0.29	3561.97
MW-5	04/19/10	3601.54	38.50	40.40	1.90	3562.66
MW-5	04/13/10	3601.54	38.50	40.42	1.92	3562.66
MW-5	04/05/10	3601.54	38.46	40.38	1.92	3562.70
MW-5	03/29/10	3601.54	38.47	40.39	1.92	3562.69
MW-5	03/22/10	3601.54	39.04	39.11	0.07	3562.49
MW-5	03/08/10	3601.54	38.92	38.93	0.01	3562.62
MW-5	03/01/10	3601.54	38.40	40.42	2.02	3562.74
MW-5	02/22/10	3601.54	38.39	40.42	2.03	3562.74
MW-5	02/08/10	3601.54	38.36	40.42	2.06	3562.77
MW-5	02/01/10	3601.54	38.33	40.41	2.08	3562.79
MW-5	01/25/10	3601.54	38.29	40.40	2.11	3562.83
MW-5	01/18/10	3601.54	38.28	40.40	2.12	3562.84
MW-5	01/11/10	3601.54	38.26	40.38	2.12	3562.86
MW-5	01/04/10	3601.54	38.22	40.40	2.18	3562.88
MW-5	12/22/09	3601.54	38.38	40.19	1.81	3562.80
MW-5	12/07/09	3601.54	38.07	40.40	2.33	3563.00
MW-5	11/30/09	3601.54	38.69	38.71	0.02	3562.85
MW-5	11/23/09	3601.54	38.10	40.38	2.28	3562.98
MW-5	11/10/09	3601.54	38.92	38.93	0.01	3562.62
MW-5	11/03/09	3601.54	38.07	40.39	2.32	3563.01
MW-5	10/26/09	3601.54	38.05	40.40	2.35	3563.02
MW-5	10/12/09	3601.54	38.00	40.40	2.40	3563.06
MW-5	10/05/09	3601.54	38.85	38.86	0.01	3562.69
MW-5	09/28/09	3601.54	38.60	38.67	0.07	3562.93
MW-5	09/16/09	3601.54	39.91	40.40	0.49	3561.53
MW-5	09/08/09	3601.54	39.10	39.25	0.15	3562.41
MW-5	08/31/09	3601.54	38.95	40.45	1.50	3562.29
MW-5	08/24/09	3601.54	38.74	38.75	0.01	3562.80
MW-5	08/12/09	3601.54	38.03	40.05	2.02	3563.11
MW-5	08/04/09	3601.54	38.78	38.79	0.01	3562.76
MW-5	08/03/09	3601.54	38.98	39.04	0.06	3562.55
MW-5	07/27/09	3601.54	37.94	40.33	2.39	3563.12
MW-5	07/20/09	3601.54	38.87	38.88	0.01	3562.67
MW-5	07/14/09	3601.54	38.06	40.49	2.43	3562.99
MW-5	07/06/09	3601.54	38.65	38.66	0.01	3562.89
MW-5	06/29/09	3601.54	38.02	40.50	2.48	3563.02
MW-5	06/15/09	3601.54	38.58	38.85	0.27	3562.91
MW-5	06/09/09	3601.54	38.00	40.57	2.57	3563.03
MW-5	06/02/09	3601.54	38.74	38.80	0.06	3562.79
MW-5	06/01/09	3601.54	38.54	38.61	0.07	3562.99
MW-5	05/26/09	3601.54	38.51	38.70	0.19	3562.99
MW-5	05/11/09	3601.54	38.50	38.60	0.10	3563.02
MW-5	04/28/09	3601.54	38.48	38.58	0.10	3563.04
MW-5	04/20/09	3601.54	37.59	40.37	2.78	3563.39
MW-5	04/14/09	3601.54	37.88	40.68	2.80	3563.10
MW-5	04/06/09	3601.54	38.41	38.46	0.05	3563.12
MW-5	03/30/09	3601.54	39.82	40.72	0.90	3561.54
MW-5	03/24/09	3601.54	38.36	38.41	0.05	3563.17
MW-5	03/16/09	3601.54	37.85	40.75	2.90	3563.11
MW-5	03/09/09	3601.54	38.31	38.34	0.03	3563.22
MW-5	03/02/09	3601.54	37.80	40.71	2.91	3563.16
MW-5	02/26/09	3601.54	38.26	38.29	0.03	3563.27
MW-5	02/10/09	3601.54	37.72	40.85	3.13	3563.19
MW-5	01/26/09	3601.54	38.26	38.31	0.05	3563.27
MW-5	01/19/09	3601.54	37.64	40.72	3.08	3563.28
MW-5	01/06/09	3601.54	37.38	40.75	3.37	3563.49
MW-5	12/29/08	3601.54	38.12	38.14	0.02	3563.42
MW-5	12/24/08	3601.54	37.56	40.72	3.16	3563.35
MW-5	12/08/08	3601.54	38.00	38.01	0.01	3563.54

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	12/01/08	3601.54	37.43	40.63	3.20	3563.47
MW-5	11/24/08	3601.54	37.98	37.99	0.01	3563.56
MW-5	11/10/08	3601.54	37.40	40.68	3.28	3563.48
MW-5	10/27/08	3601.54	37.98	37.99	0.01	3563.56
MW-5	10/20/08	3601.54	37.18	40.30	3.12	3563.74
MW-5	10/14/08	3601.54	38.00	38.01	0.01	3563.54
MW-5	10/07/08	3601.54	37.49	40.69	3.20	3563.41
MW-5	09/29/08	3601.54	38.02	38.04	0.02	3563.52
MW-5	09/22/08	3601.54	37.56	40.67	3.11	3563.36
MW-5	09/15/08	3601.54	38.30	38.36	0.06	3563.23
MW-5	09/09/08	3601.54	37.52	40.66	3.14	3563.39
MW-5	08/18/08	3601.54	38.22	38.37	0.15	3563.29
MW-5	08/06/08	3601.54	38.03	38.92	0.89	3563.33
MW-5	07/21/08	3601.54	37.05	40.27	3.22	3563.85
MW-5	07/14/08	3601.54	37.30	40.43	3.13	3563.61
MW-5	06/30/08	3601.54	37.97	38.25	0.28	3563.51
MW-5	06/16/08	3601.54	37.20	39.77	2.57	3563.83
MW-5	06/09/08	3601.54	37.87	38.10	0.23	3563.62
MW-5	06/02/08	3601.54	37.10	39.46	2.36	3563.97
MW-5	05/20/08	3601.54	36.89	39.92	3.03	3564.04
MW-5	04/28/08	3601.54	36.98	38.65	1.67	3564.23
MW-5	04/21/08	3601.54	36.55	39.15	2.60	3564.47
MW-5	04/14/08	3601.54	36.75	39.44	2.69	3564.25
MW-5	03/31/08	3601.54	37.00	37.23	0.23	3564.49
MW-5	03/24/08	3601.54	36.67	38.99	2.32	3564.41
MW-5	03/17/08	3601.54	36.92	39.13	2.21	3564.18
MW-5	03/11/08	3601.54	36.59	39.12	2.53	3564.44
MW-5	02/26/08	3601.54	36.81	36.97	0.16	3564.70
MW-5	02/12/08	3601.54	36.40	38.92	2.52	3564.64
MW-5	01/28/08	3601.54	36.10	38.50	2.40	3564.96
MW-5	01/07/08	3601.54	36.47	36.61	0.14	3565.04
MW-5	12/20/07	3601.54	36.06	37.91	1.85	3565.11
MW-5	12/10/07	3601.54	36.21	36.31	0.10	3565.31
MW-5	12/05/07	3601.54	35.94	37.68	1.74	3565.25
MW-5	11/19/07	3601.54	36.07	36.14	0.07	3565.46
MW-5	11/12/07	3601.54	35.88	37.28	1.40	3565.38
MW-5	10/31/07	3601.54	36.04	36.12	0.08	3565.48
MW-5	10/22/07	3601.54	35.77	37.20	1.43	3565.48
MW-5	10/11/07	3601.54	35.96	37.46	1.50	3565.28
MW-5	10/02/07	3601.54	36.26	36.36	0.10	3565.26
MW-5	09/25/07	3601.54	36.11	37.71	1.60	3565.11
MW-5	09/10/07	3601.54	36.47	36.64	0.17	3565.04
MW-5	09/04/07	3601.54	36.47	36.66	0.19	3565.03
MW-5	08/27/07	3601.54	36.23	38.00	1.77	3564.96
MW-5	08/20/07	3601.54	36.42	36.62	0.20	3565.08
MW-5	08/08/07	3601.54	36.33	36.62	0.29	3565.15
MW-5	07/30/07	3601.54	36.33	36.50	0.17	3565.18
MW-5	07/23/07	3601.54	36.11	37.68	1.57	3565.12
MW-5	07/17/07	3601.54	36.29	36.82	0.53	3565.14
MW-5	07/09/07	3601.54	36.31	36.50	0.19	3565.19
MW-5	06/26/07	3601.54	36.25	36.79	0.54	3565.18
MW-5	06/18/07	3601.54	36.16	37.70	1.54	3565.07
MW-5	06/11/07	3601.54	36.30	36.81	0.51	3565.14
MW-5	06/04/07	3601.54	36.31	36.82	0.51	3565.13
MW-5	05/29/07	3601.54	36.42	36.99	0.57	3565.01
MW-5	05/01/07	3601.54	36.33	37.17	0.84	3565.04
MW-5	04/23/07	3601.54	36.12	37.58	1.46	3565.13
MW-5	04/02/07	3601.54	36.60	36.99	0.39	3564.86
MW-5	03/26/07	3601.54	36.53	36.87	0.34	3564.94
MW-5	03/19/07	3601.54	36.20	36.27	0.07	3565.33

Table 1

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	03/13/07	3601.54	36.10	36.62	0.52	3565.34
MW-5	03/05/07	3601.54	35.92	37.32	1.40	3565.34
MW-5	02/26/07	3601.54	36.08	36.16	0.08	3565.44
MW-5	02/05/07	3601.54	35.76	37.06	1.30	3565.52
MW-5	01/23/07	3601.54	35.51	36.56	1.05	3565.82
MW-5	01/08/07	3601.54	35.66	35.68	0.02	3565.88
MW-5	01/02/07	3601.54	35.56	36.38	0.82	3565.82
MW-5	12/18/06	3601.54	35.52	35.53	0.01	3566.02
MW-5	12/11/06	3601.54	35.40	36.02	0.62	3566.02
MW-5	12/05/06	3601.54	35.40	35.41	0.01	3566.14
MW-5	11/28/06	3601.54	35.33	35.89	0.56	3566.10
MW-5	11/21/06	3601.54	35.34	35.35	0.01	3566.20
MW-5	11/06/06	3601.54	35.36	35.85	0.49	3566.08
MW-5	10/30/06	3601.54	35.42	35.43	0.01	3566.12
MW-5	10/23/06	3601.54	35.29	35.78	0.49	3566.15
MW-5	10/16/06	3601.54	35.45	35.66	0.21	3566.05
MW-5	10/10/06	3601.54	35.56	35.62	0.06	3565.97
MW-5	10/02/06	3601.54	35.56	35.86	0.30	3565.92
MW-5	09/25/06	3601.54	35.66	35.72	0.06	3565.87
MW-5	09/21/06	3601.54	35.67	35.96	0.29	3565.81
MW-5	09/14/06	3601.54	35.14	36.66	1.52	3566.10
MW-5	08/28/06	3601.54	36.22	36.41	0.19	3565.28
MW-5	08/14/06	3601.54	36.22	36.29	0.07	3565.31
MW-5	08/08/06	3601.54	36.17	36.34	0.17	3565.34
MW-5	07/24/06	3601.54	35.92	36.96	1.04	3565.41
MW-5	07/17/06	3601.54	36.07	36.15	0.08	3565.45
MW-5	07/10/06	3601.54	36.05	36.17	0.12	3565.47
MW-5	07/05/06	3601.54	35.91	36.73	0.82	3565.47
MW-5	06/26/06	3601.54	35.89	36.45	0.56	3565.54
MW-5	06/12/06	3601.54	35.89	35.96	0.07	3565.64
MW-5	06/09/06	3601.54	35.85	35.95	0.10	3565.67
MW-5	05/31/06	3601.54	35.76	35.80	0.04	3565.77
MW-5	05/03/06	3601.54	35.58	35.62	0.04	3565.95
MW-5	04/24/06	3601.54	35.33	36.23	0.90	3566.03
MW-5	04/17/06	3601.54	35.46	35.51	0.05	3566.07
MW-5	04/11/06	3601.54	35.40	35.51	0.11	3566.12
MW-5	04/04/06	3601.54	35.37	35.41	0.04	3566.16
MW-5	03/29/06	3601.54	35.33	35.37	0.04	3566.20
MW-5	03/06/06	3601.54	35.14	35.18	0.04	3566.39
MW-5	02/16/06	3601.54	34.93	35.71	0.78	3566.45
MW-5	02/01/06	3601.54	34.93	34.94	0.01	3566.61
MW-5	01/23/06	3601.54	34.78	34.84	0.06	3566.75
MW-5	01/16/06	3601.54	34.70	35.27	0.57	3566.73
MW-5	01/11/06	3601.54	34.70	34.89	0.19	3566.80
MW-5	01/04/06	3601.54	34.65	35.19	0.54	3566.78
MW-5	12/28/05	3601.54	34.88	34.92	0.04	3566.65
MW-5	12/21/05	3601.54	34.58	35.09	0.51	3566.86
MW-5	12/12/05	3601.54	34.44	34.92	0.48	3567.00
MW-5	12/06/05	3601.54	34.39	34.78	0.39	3567.07
MW-5	11/22/05	3601.54	34.22	34.59	0.37	3567.25
MW-5	11/16/05	3601.54	34.27	34.60	0.33	3567.20
MW-5	10/17/05	3601.54	34.09	34.48	0.39	3567.37
MW-5	09/15/05	3601.54	34.75	35.25	0.50	3566.69
MW-5	07/18/05	3601.54	34.16	34.71	0.55	3567.27
MW-5	04/18/05	3601.54	33.53	33.71	0.18	3567.97
MW-5	01/24/05	3601.54	33.08	33.37	0.29	3568.40
MW-5	10/25/04	3601.54	34.96	34.99	0.03	3566.57
MW-5	07/20/04	3601.54	36.90	40.40	3.50	3563.94
MW-5	04/19/04	3601.54	37.20	40.37	3.17	3563.71
MW-5	01/19/04	3601.54	37.11	40.36	3.25	3563.78

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	11/05/03	3601.54	35.88	39.35	3.47	3564.97
MW-5	06/23/03	3601.54	35.43	39.55	4.12	3565.29
MW-5	04/21/03	3601.54	35.34	39.98	4.64	3565.27
MW-5	11/05/02	3601.54	34.71	39.18	4.47	3565.94
MW-5	12/11/01	3601.54	33.84	38.94	5.10	3566.68
MW-5	09/25/01	3601.54	34.44	39.66	5.22	3566.06
MW-5	06/25/01	3601.54	32.95	38.21	5.26	3567.54
MW-5	02/27/01	3601.54	32.36	37.92	5.56	3568.07
MW-6	03/06/18	PLUGGED AND ABANDONED				
MW-6	11/15/17	3599.83	41.50	41.51	0.01	3558.33
MW-6	10/19/17	3599.83	41.54	42.32	0.78	3558.13
MW-6	09/19/17	3599.83	41.18	42.73	1.55	3558.34
MW-6	03/22/17	3599.83	40.69	42.65	1.96	3558.75
MW-6	12/15/16	3599.83	41.07	42.69	1.62	3558.44
MW-6	10/20/16	3599.83	40.98	42.69	1.71	3558.51
MW-6	09/19/16	3599.83	41.39	42.82	1.43	3558.15
MW-6	09/15/16	3599.83	41.39	42.82	1.43	3558.15
MW-6	07/27/16	3599.83	41.37	42.80	1.43	3558.17
MW-6	06/16/16	3599.83	41.18	42.71	1.53	3558.34
MW-6	05/19/16	3599.83	40.90	42.70	1.80	3558.57
MW-6	04/14/16	3599.83	40.84	42.66	1.82	3558.63
MW-6	03/23/16	3599.83	40.70	42.80	2.10	3558.71
MW-6	03/03/16	3599.83	40.77	42.56	1.79	3558.70
MW-6	02/04/16	3599.83	40.64	42.70	2.06	3558.78
MW-6	11/20/15	3599.83	40.60	41.91	1.31	3558.97
MW-6	09/29/15	3599.83	40.69	42.75	2.06	3558.73
MW-6	08/18/15	3599.83	40.69	42.75	2.06	3558.73
MW-6	07/29/15	3599.83	40.70	42.75	2.05	3558.72
MW-6	07/08/15	3599.83	40.73	42.75	2.02	3558.70
MW-6	07/07/15	3599.83	40.71	42.75	2.04	3558.71
MW-6	06/08/15	3599.83	40.82	42.78	1.96	3558.62
MW-6	05/13/15	3599.83	40.90	42.73	1.83	3558.56
MW-6	04/24/15	3599.83	41.28	42.16	0.88	3558.37
MW-6	04/22/15	3599.83	41.25	41.82	0.57	3558.47
MW-6	04/21/15	3599.83	41.12	41.89	0.77	3558.56
MW-6	03/09/15	3599.83	40.57	42.74	2.17	3558.83
MW-6	01/08/15	3599.83	40.58	42.78	2.20	3558.81
MW-6	11/24/14	3599.83	40.73	*42.68*	1.95	3558.71
MW-6	10/01/14	3599.83	41.23	*42.70*	1.47	3558.31
MW-6	08/19/14	3599.83	41.32	41.49	0.17	3558.48
MW-6	07/28/14	3599.83	41.29	41.47	0.18	3558.50
MW-6	06/09/14	3599.83	40.98	42.03	1.05	3558.64
MW-6	04/28/14	3599.83	40.97	41.00	0.03	3558.85
MW-6	03/24/14	3599.83	40.88	41.01	0.13	3558.92
MW-6	03/10/14	3599.83	40.82	41.01	0.19	3558.97
MW-6	02/13/14	3599.83	40.74	40.95	0.21	3559.05
MW-6	01/21/14	3599.83	40.45	42.34	1.89	3559.00
MW-6	11/27/13	3599.83	40.41	41.85	1.44	3559.13
MW-6	10/03/13	3599.83	40.39	41.29	0.90	3559.26
MW-6	09/19/13	3599.83	40.38	41.11	0.73	3559.30
MW-6	08/22/13	3599.83	39.84	42.74	2.90	3559.41
MW-6	07/22/13	3599.83	40.11	42.00	1.89	3559.34
MW-6	07/02/13	3599.83	39.53	43.26	3.73	3559.55
MW-6	06/07/13	3599.83	39.57	42.99	3.42	3559.58
MW-6	05/09/13	3599.83	39.48	42.97	3.49	3559.65
MW-6	04/10/13	3599.83	39.35	42.98	3.63	3559.75
MW-6	03/14/13	3599.83	39.29	43.14	3.85	3559.77
MW-6	03/07/13	3599.83	39.26	43.04	3.78	3559.81
MW-6	02/26/13	3599.83	39.27	43.02	3.75	3559.81

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	12/20/12	3599.83	39.11	43.03	3.92	3559.94
MW-6	11/29/12	3599.83	39.03	42.93	3.90	3560.02
MW-6	11/15/12	3599.83	38.72	42.64	3.92	3560.33
MW-6	09/20/12	3599.83	38.80	42.73	3.93	3560.24
MW-6	06/07/12	3599.83	38.87	41.29	2.42	3560.48
MW-6	05/29/12	3599.83	38.62	42.86	4.24	3560.36
MW-6	04/19/12	3599.83	38.41	42.61	4.20	3560.58
MW-6	03/29/12	3599.83	38.33	42.47	4.14	3560.67
MW-6	02/23/12	3599.83	38.24	42.29	4.05	3560.78
MW-6	01/26/12	3599.83	38.14	42.13	3.99	3560.89
MW-6	01/06/12	3599.83	38.07	42.13	4.06	3560.95
MW-6	11/18/11	3599.83	37.86	41.96	4.10	3561.15
MW-6	10/10/11	3599.83	37.72	41.93	4.21	3561.27
MW-6	09/14/11	3599.83	37.63	41.70	4.07	3561.39
MW-6	08/11/11	3599.83	37.51	41.49	3.98	3561.52
MW-6	08/04/11	3599.83	37.48	41.44	3.96	3561.56
MW-6	07/29/11	3599.83	37.18	41.12	3.94	3561.86
MW-6	03/28/11	3599.83	37.44	41.37	3.93	3561.60
MW-6	03/21/11	3599.83	37.50	38.87	1.37	3562.06
MW-6	03/07/11	3599.83	37.42	38.07	0.65	3562.28
MW-6	03/01/11	3599.83	37.38	37.66	0.28	3562.39
MW-6	02/15/11	3599.83	37.35	37.68	0.33	3562.41
MW-6	02/07/11	3599.83	36.91	39.47	2.56	3562.41
MW-6	01/31/11	3599.83	36.92	39.02	2.10	3562.49
MW-6	01/29/11	3599.83	37.05	38.08	1.03	3562.57
MW-6	01/17/11	3599.83	36.95	38.26	1.31	3562.62
MW-6	01/10/11	3599.83	37.06	37.15	0.09	3562.75
MW-6	01/03/11	3599.83	36.59	39.29	2.70	3562.70
MW-6	12/06/10	3599.83	36.42	38.69	2.27	3562.96
MW-6	11/22/10	3599.83	36.66	36.83	0.17	3563.14
MW-6	11/09/10	3599.83	36.55	36.81	0.26	3563.23
MW-6	11/01/10	3599.83	36.51	36.79	0.28	3563.26
MW-6	10/25/10	3599.83	36.20	37.80	1.60	3563.31
MW-6	10/19/10	3599.83	36.43	36.75	0.32	3563.34
MW-6	10/12/10	3599.83	36.19	37.67	1.48	3563.34
MW-6	10/04/10	3599.83	36.35	36.65	0.30	3563.42
MW-6	09/27/10	3599.83	36.20	37.30	1.10	3563.41
MW-6	09/20/10	3599.83	36.35	36.62	0.27	3563.43
MW-6	09/13/10	3599.83	36.35	36.62	0.27	3563.43
MW-6	09/08/10	3599.83	36.27	37.15	0.88	3563.38
MW-6	08/30/10	3599.83	36.35	37.09	0.74	3563.33
MW-6	08/16/10	3599.83	36.43	37.58	1.15	3563.17
MW-6	08/09/10	3599.83	36.46	37.85	1.39	3563.09
MW-6	07/28/10	3599.83	36.74	37.17	0.43	3563.00
MW-6	07/27/10	3599.83	36.80	36.83	0.03	3563.02
MW-6	07/26/10	3599.83	36.67	37.88	1.21	3562.92
MW-6	07/19/10	3599.83	36.88	37.40	0.52	3562.85
MW-6	07/13/10	3599.83	36.65	38.29	1.64	3562.85
MW-6	07/06/10	3599.83	37.27	39.12	1.85	3562.19
MW-6	06/28/10	3599.83	37.51	38.81	1.30	3562.06
MW-6	06/15/10	3599.83	37.25	39.57	2.32	3562.12
MW-6	06/07/10	3599.83	37.60	37.81	0.21	3562.19
MW-6	06/01/10	3599.83	37.27	39.26	1.99	3562.16
MW-6	05/27/10	3599.83	37.55	37.76	0.21	3562.24
MW-6	05/20/10	3599.83	37.46	37.99	0.53	3562.26
MW-6	05/14/10	3599.83	37.13	39.63	2.50	3562.20
MW-6	05/03/10	3599.83	37.50	37.72	0.22	3562.29
MW-6	04/26/10	3599.83	37.12	39.38	2.26	3562.26
MW-6	04/20/10	3599.83	37.45	37.62	0.17	3562.35
MW-6	04/19/10	3599.83	37.32	38.22	0.90	3562.33

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	04/13/10	3599.83	37.35	38.17	0.82	3562.32
MW-6	04/05/10	3599.83	37.32	38.12	0.80	3562.35
MW-6	03/29/10	3599.83	37.29	38.09	0.80	3562.38
MW-6	03/22/10	3599.83	37.30	37.96	0.66	3562.40
MW-6	03/08/10	3599.83	37.28	37.95	0.67	3562.42
MW-6	03/01/10	3599.83	37.28	37.93	0.65	3562.42
MW-6	02/22/10	3599.83	37.28	37.95	0.67	3562.42
MW-6	02/08/10	3599.83	37.11	38.43	1.32	3562.46
MW-6	02/01/10	3599.83	37.20	37.90	0.70	3562.49
MW-6	01/25/10	3599.83	36.84	39.48	2.64	3562.46
MW-6	01/18/10	3599.83	37.11	37.88	0.77	3562.57
MW-6	01/11/10	3599.83	36.79	39.60	2.81	3562.48
MW-6	01/04/10	3599.83	36.87	39.14	2.27	3562.51
MW-6	12/22/09	3599.83	37.06	37.74	0.68	3562.63
MW-6	12/07/09	3599.83	36.95	37.91	0.96	3562.69
MW-6	11/30/09	3599.83	36.98	37.37	0.39	3562.77
MW-6	11/23/09	3599.83	36.90	37.65	0.75	3562.78
MW-6	11/10/09	3599.83	36.92	37.64	0.72	3562.77
MW-6	11/03/09	3599.83	36.91	37.62	0.71	3562.78
MW-6	10/26/09	3599.83	36.46	39.77	3.31	3562.71
MW-6	10/12/09	3599.83	36.84	37.60	0.76	3562.84
MW-6	10/05/09	3599.83	36.59	38.83	2.24	3562.79
MW-6	09/28/09	3599.83	36.80	37.52	0.72	3562.89
MW-6	09/16/09	3599.83	36.78	37.48	0.70	3562.91
MW-6	09/08/09	3599.83	36.56	39.02	2.46	3562.78
MW-6	08/31/09	3599.83	36.81	37.53	0.72	3562.88
MW-6	08/24/09	3599.83	36.82	37.57	0.75	3562.86
MW-6	08/12/09	3599.83	36.88	37.50	0.62	3562.83
MW-6	08/04/09	3599.83	36.92	37.53	0.61	3562.79
MW-6	08/03/09	3599.83	36.67	38.85	2.18	3562.72
MW-6	07/27/09	3599.83	36.42	37.24	0.82	3563.25
MW-6	07/20/09	3599.83	36.92	37.49	0.57	3562.80
MW-6	07/14/09	3599.83	36.89	37.41	0.52	3562.84
MW-6	07/06/09	3599.83	36.85	37.51	0.66	3562.85
MW-6	06/29/09	3599.83	36.38	39.80	3.42	3562.77
MW-6	06/15/09	3599.83	36.75	37.49	0.74	3562.93
MW-6	06/09/09	3599.83	36.79	37.40	0.61	3562.92
MW-6	06/02/09	3599.83	37.30	37.70	0.40	3562.45
MW-6	06/01/09	3599.83	36.88	36.92	0.04	3562.94
MW-6	05/26/09	3599.83	36.26	40.00	3.74	3562.82
MW-6	05/11/09	3599.83	--	36.80	--	3563.03
MW-6	04/28/09	3599.83	36.74	36.85	0.11	3563.07
MW-6	04/20/09	3599.83	35.97	39.24	3.27	3563.21
MW-6	04/14/09	3599.83	36.24	39.51	3.27	3562.94
MW-6	04/06/09	3599.83	--	36.71	--	3563.12
MW-6	03/30/09	3599.83	36.20	39.35	3.15	3563.00
MW-6	03/24/09	3599.83	--	36.68	--	3563.15
MW-6	03/16/09	3599.83	36.17	39.50	3.33	3562.99
MW-6	03/09/09	3599.83	--	36.66	--	3563.17
MW-6	03/02/09	3599.83	36.20	38.97	2.77	3563.08
MW-6	02/26/09	3599.83	36.62	36.61	0.01	3563.21
MW-6	02/10/09	3599.83	36.00	39.74	3.74	3563.08
MW-6	01/26/09	3599.83	36.61	36.65	0.04	3563.21
MW-6	01/19/09	3599.83	35.92	39.56	3.64	3563.18
MW-6	01/06/09	3599.83	36.45	36.49	0.04	3563.37
MW-6	12/29/08	3599.83	35.85	39.55	3.70	3563.24
MW-6	12/24/08	3599.83	35.82	39.48	3.66	3563.28
MW-6	12/08/08	3599.83	35.74	39.33	3.59	3563.37
MW-6	12/01/08	3599.83	35.74	39.24	3.50	3563.39
MW-6	11/24/08	3599.83	36.00	36.88	0.88	3563.65

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	11/10/08	3599.83	36.13	36.90	0.77	3563.55
MW-6	10/27/08	3599.83	36.20	36.98	0.78	3563.47
MW-6	10/20/08	3599.83	35.53	38.48	2.95	3563.71
MW-6	10/14/08	3599.83	36.22	36.97	0.75	3563.46
MW-6	10/07/08	3599.83	36.26	36.65	0.39	3563.49
MW-6	09/29/08	3599.83	36.26	36.66	0.40	3563.49
MW-6	09/22/08	3599.83	36.24	36.68	0.44	3563.50
MW-6	09/15/08	3599.83	35.90	38.44	2.54	3563.42
MW-6	09/09/08	3599.83	36.21	36.57	0.36	3563.55
MW-6	08/18/08	3599.83	35.77	38.51	2.74	3563.51
MW-6	08/06/08	3599.83	35.92	37.15	1.23	3563.66
MW-6	07/21/08	3599.83	35.41	37.87	2.46	3563.93
MW-6	07/14/08	3599.83	35.49	36.53	1.04	3564.13
MW-6	06/30/08	3599.83	35.50	38.30	2.80	3563.77
MW-6	06/16/08	3599.83	35.79	36.15	0.36	3563.97
MW-6	06/09/08	3599.83	35.69	36.37	0.68	3564.00
MW-6	06/02/08	3599.83	35.34	38.08	2.74	3563.94
MW-6	05/20/08	3599.83	35.28	37.90	2.62	3564.03
MW-6	04/28/08	3599.83	35.20	37.51	2.31	3564.17
MW-6	04/21/08	3599.83	34.91	37.19	2.28	3564.46
MW-6	04/14/08	3599.83	35.15	37.14	1.99	3564.28
MW-6	03/31/08	3599.83	35.35	35.55	0.20	3564.44
MW-6	03/24/08	3599.83	35.18	36.26	1.08	3564.43
MW-6	03/17/08	3599.83	35.27	35.37	0.10	3564.54
MW-6	03/11/08	3599.83	35.08	36.32	1.24	3564.50
MW-6	02/26/08	3599.83	35.16	35.31	0.15	3564.64
MW-6	02/12/08	3599.83	35.04	35.35	0.31	3564.73
MW-6	01/28/08	3599.83	34.63	35.69	1.06	3564.99
MW-6	01/07/08	3599.83	34.74	35.59	0.85	3564.92
MW-6	01/02/08	3599.83	34.68	35.73	1.05	3564.94
MW-6	12/20/07	3599.83	34.50	35.84	1.34	3565.06
MW-6	12/10/07	3599.83	34.65	34.66	0.01	3565.18
MW-6	12/05/07	3599.83	34.34	35.77	1.43	3565.20
MW-6	11/19/07	3599.83	34.47	34.55	0.08	3565.34
MW-6	11/12/07	3599.83	34.28	35.41	1.13	3565.32
MW-6	10/31/07	3599.83	34.46	34.51	0.05	3565.36
MW-6	10/22/07	3599.83	34.23	35.24	1.01	3565.40
MW-6	10/11/07	3599.83	34.45	35.29	0.84	3565.21
MW-6	10/02/07	3599.83	--	34.67	--	3565.16
MW-6	09/25/07	3599.83	34.67	35.13	0.46	3565.07
MW-6	09/10/07	3599.83	34.83	35.01	0.18	3564.96
MW-6	09/04/07	3599.83	34.80	35.16	0.36	3564.96
MW-6	08/27/07	3599.83	34.78	35.06	0.28	3564.99
MW-6	08/20/07	3599.83	34.76	34.94	0.18	3565.03
MW-6	08/08/07	3599.83	34.73	34.72	0.01	3565.10
MW-6	07/30/07	3599.83	34.73	34.72	0.01	3565.10
MW-6	07/23/07	3599.83	34.63	35.04	0.41	3565.12
MW-6	07/17/07	3599.83	34.66	34.99	0.33	3565.10
MW-6	07/09/07	3599.83	34.65	34.93	0.28	3565.12
MW-6	06/26/07	3599.83	34.65	34.78	0.13	3565.15
MW-6	06/18/07	3599.83	34.78	34.78	0.00	3565.05
MW-6	06/11/07	3599.83	34.73	34.87	0.14	3565.07
MW-6	06/04/07	3599.83	34.74	34.90	0.16	3565.06
MW-6	05/29/07	3599.83	34.64	35.57	0.93	3565.00
MW-6	05/01/07	3599.83	34.60	35.54	0.94	3565.04
MW-6	04/23/07	3599.83	34.44	35.34	0.90	3565.21
MW-6	04/02/07	3599.83	34.55	35.20	0.65	3565.15
MW-6	03/26/07	3599.83	34.45	35.43	0.98	3565.18
MW-6	03/19/07	3599.83	34.42	35.35	0.93	3565.22
MW-6	03/13/07	3599.83	34.38	35.31	0.93	3565.26

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	03/05/07	3599.83	34.35	35.09	0.74	3565.33
MW-6	02/26/07	3599.83	34.33	34.78	0.45	3565.41
MW-6	02/05/07	3599.83	34.23	34.47	0.24	3565.55
MW-6	01/23/07	3599.83	33.90	34.41	0.51	3565.83
MW-6	01/08/07	3599.83	34.01	34.13	0.12	3565.80
MW-6	01/02/07	3599.83	33.97	34.10	0.13	3565.83
MW-6	12/18/06	3599.83	33.86	33.94	0.08	3565.95
MW-6	12/11/06	3599.83	33.76	33.81	0.05	3566.06
MW-6	12/05/06	3599.83	33.76	33.94	0.18	3566.03
MW-6	11/28/06	3599.83	33.72	33.84	0.12	3566.09
MW-6	11/21/06	3599.83	33.74	33.82	0.08	3566.07
MW-6	11/06/06	3599.83	33.76	33.87	0.11	3566.05
MW-6	10/30/06	3599.83	33.79	33.87	0.08	3566.02
MW-6	10/23/06	3599.83	33.65	33.96	0.31	3566.12
MW-6	10/16/06	3599.83	33.81	34.00	0.19	3565.98
MW-6	10/10/06	3599.83	33.84	34.15	0.31	3565.93
MW-6	10/02/06	3599.83	33.91	34.21	0.30	3565.86
MW-6	09/25/06	3599.83	34.04	34.23	0.19	3565.75
MW-6	09/21/06	3599.83	34.05	34.32	0.27	3565.73
MW-6	09/14/06	3599.83	34.15	34.41	0.26	3565.63
MW-6	08/28/06	3599.83	34.46	35.11	0.65	3565.24
MW-6	08/14/06	3599.83	34.45	35.06	0.61	3565.26
MW-6	08/08/06	3599.83	34.37	35.01	0.64	3565.33
MW-6	07/24/06	3599.83	34.21	35.07	0.86	3565.45
MW-6	07/17/06	3599.83	34.28	35.12	0.84	3565.38
MW-6	07/10/06	3599.83	34.25	35.01	0.76	3565.43
MW-6	07/05/06	3599.83	34.21	35.01	0.80	3565.46
MW-6	06/26/06	3599.83	34.17	34.87	0.70	3565.52
MW-6	06/12/06	3599.83	34.10	34.55	0.45	3565.64
MW-6	06/09/06	3599.83	34.08	34.45	0.37	3565.68
MW-6	05/31/06	3599.83	34.01	34.47	0.46	3565.73
MW-6	05/03/06	3599.83	33.82	34.18	0.36	3565.94
MW-6	04/24/06	3599.83	33.70	34.13	0.43	3566.04
MW-6	04/17/06	3599.83	33.75	33.86	0.11	3566.06
MW-6	04/11/06	3599.83	33.70	33.99	0.29	3566.07
MW-6	04/04/06	3599.83	33.67	33.84	0.17	3566.13
MW-6	03/29/06	3599.83	33.62	33.77	0.15	3566.18
MW-6	03/06/06	3599.83	33.35	33.65	0.30	3566.42
MW-6	02/16/06	3599.83	33.32	33.43	0.11	3566.49
MW-6	02/01/06	3599.83	33.21	33.29	0.08	3566.60
MW-6	01/23/06	3599.83	33.09	33.20	0.11	3566.72
MW-6	01/16/06	3599.83	33.12	33.23	0.11	3566.69
MW-6	01/11/06	3599.83	32.99	33.51	0.52	3566.74
MW-6	01/10/06	3599.83	33.06	33.17	0.11	3566.75
MW-6	01/04/06	3599.83	32.92	34.05	1.13	3566.68
MW-6	12/28/05	3599.83	32.88	33.93	1.05	3566.74
MW-6	12/21/05	3599.83	32.78	33.62	0.84	3566.88
MW-6	11/03/05	3599.83	32.55	33.53	0.98	3567.08
MW-6	10/17/05	3599.83	32.57	33.38	0.81	3567.10
MW-6	09/29/05	3599.83	32.69	33.66	0.97	3566.95
MW-6	08/18/05	3599.83	32.79	34.47	1.68	3566.70
MW-6	07/18/05	3599.83	32.49	34.04	1.55	3567.03
MW-6	04/18/05	3599.83	31.78	32.98	1.20	3567.81
MW-6	02/14/05	3599.83	31.56	32.61	1.05	3568.06
MW-6	01/24/05	3599.83	31.39	32.53	1.14	3568.21
MW-6	12/08/04	3599.83	32.08	33.33	1.25	3567.50
MW-6	10/25/04	3599.83	33.22	34.38	1.16	3566.38
MW-6	07/20/04	3599.83	35.16	38.24	3.08	3564.05
MW-6	04/19/04	3599.83	35.40	39.15	3.75	3563.68
MW-6	01/19/04	3599.83	35.36	39.48	4.12	3563.65

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	11/05/03	3599.83	35.06	39.15	4.09	3563.95
MW-6	04/21/03	3599.83	34.30	38.23	3.93	3564.74
MW-6	11/05/02	3599.83	34.00	38.22	4.22	3564.99
MW-6	12/11/01	3599.83	33.18	37.34	4.16	3565.82
MW-6	09/25/01	3599.83	32.83	37.11	4.28	3566.14
MW-6	06/25/01	3599.83	33.02	33.12	0.10	3566.79
MW-6	02/27/01	3599.83	31.31	35.80	4.49	3567.62
MW-7 (SVE-6)	03/06/18	PLUGGED AND ABANDONED				
MW-7 (SVE-6)	11/15/17	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	10/19/17	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/19/17	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/22/17	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	12/15/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	10/20/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/19/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/15/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/27/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	06/16/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	05/19/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	04/14/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/23/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/03/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	02/04/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	11/20/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/29/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	08/18/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/29/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	06/08/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	05/13/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	04/24/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/09/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	01/08/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	11/24/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	10/01/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	08/19/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/28/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	06/09/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	04/28/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/24/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/10/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	02/13/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	01/21/14	3602.11	NM	NM	NM	NM
MW-7 (SVE-6)	11/27/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	10/03/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/19/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	08/22/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/22/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/02/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	06/07/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	05/09/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/14/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	02/26/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	11/29/12	3602.11	41.74	41.79	0.05	3560.36
MW-7 (SVE-6)	09/20/12	3602.11	41.55	41.68	0.13	3560.53
MW-7 (SVE-6)	06/07/12	3602.11	41.42	41.68	0.26	3560.64
MW-7 (SVE-6)	05/29/12	3602.11	41.43	41.68	0.25	3560.63
MW-7 (SVE-6)	04/19/12	3602.11	41.27	41.69	0.42	3560.76
MW-7 (SVE-6)	03/29/12	3602.11	38.39	41.74	3.35	3563.05
MW-7 (SVE-6)	02/23/12	3602.11	41.02	41.65	0.63	3560.96

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	01/26/12	3602.11	40.93	41.63	0.70	3561.04
MW-7 (SVE-6)	01/06/12	3602.11	40.82	41.63	0.81	3561.13
MW-7 (SVE-6)	11/18/11	3602.11	40.68	41.62	0.94	3561.24
MW-7 (SVE-6)	10/10/11	3602.11	40.48	41.62	1.14	3561.40
MW-7 (SVE-6)	09/14/11	3602.11	40.39	41.62	1.23	3561.47
MW-7 (SVE-6)	08/11/11	3602.11	40.28	41.63	1.35	3561.56
MW-7 (SVE-6)	08/04/11	3602.11	40.34	41.63	1.29	3561.51
MW-7 (SVE-6)	07/29/11	3602.11	40.36	41.62	1.26	3561.50
MW-7 (SVE-6)	03/28/11	3602.11	40.43	41.66	1.23	3561.43
MW-7 (SVE-6)	03/21/11	3602.11	39.71	41.78	2.07	3561.99
MW-7 (SVE-6)	03/07/11	3602.11	39.70	41.38	1.68	3562.07
MW-7 (SVE-6)	03/01/11	3602.11	39.67	41.78	2.11	3562.02
MW-7 (SVE-6)	02/15/11	3602.11	39.57	41.75	2.18	3562.10
MW-7 (SVE-6)	02/07/11	3602.11	39.49	41.75	2.26	3562.17
MW-7 (SVE-6)	01/31/11	3602.11	39.40	41.75	2.35	3562.24
MW-7 (SVE-6)	01/29/11	3602.11	39.36	41.75	2.39	3562.27
MW-7 (SVE-6)	01/17/11	3602.11	39.30	41.77	2.47	3562.32
MW-7 (SVE-6)	01/10/11	3602.11	39.17	41.74	2.57	3562.43
MW-7 (SVE-6)	01/03/11	3602.11	39.18	41.74	2.56	3562.42
MW-7 (SVE-6)	12/06/10	3602.11	40.25	40.26	0.01	3561.86
MW-7 (SVE-6)	11/22/10	3602.11	38.94	41.75	2.81	3562.61
MW-7 (SVE-6)	11/09/10	3602.11	40.10	40.09	0.01	3562.01
MW-7 (SVE-6)	11/01/10	3602.11	38.85	41.80	2.95	3562.67
MW-7 (SVE-6)	10/25/10	3602.11	38.75	41.77	3.02	3562.76
MW-7 (SVE-6)	10/19/10	3602.11	38.78	41.78	3.00	3562.73
MW-7 (SVE-6)	10/12/10	3602.11	38.76	41.42	2.66	3562.82
MW-7 (SVE-6)	10/04/10	3602.11	39.43	40.60	1.17	3562.45
MW-7 (SVE-6)	09/27/10	3602.11	39.42	40.50	1.08	3562.47
MW-7 (SVE-6)	09/20/10	3602.11	38.68	41.48	2.80	3562.87
MW-7 (SVE-6)	09/13/10	3602.11	38.80	41.43	2.63	3562.78
MW-7 (SVE-6)	09/08/10	3602.11	39.10	40.16	1.06	3562.80
MW-7 (SVE-6)	08/30/10	3602.11	39.18	40.44	1.26	3562.68
MW-7 (SVE-6)	08/16/10	3602.11	38.98	41.77	2.79	3562.57
MW-7 (SVE-6)	08/09/10	3602.11	39.00	41.75	2.75	3562.56
MW-7 (SVE-6)	07/28/10	3602.11	39.14	41.78	2.64	3562.44
MW-7 (SVE-6)	07/27/10	3602.11	39.50	40.48	0.98	3562.41
MW-7 (SVE-6)	07/26/10	3602.11	39.18	41.90	2.72	3562.39
MW-7 (SVE-6)	07/19/10	3602.11	39.38	41.80	2.42	3562.25
MW-7 (SVE-6)	07/13/10	3602.11	39.39	41.80	2.41	3562.24
MW-7 (SVE-6)	07/06/10	3602.11	40.68	40.82	0.14	3561.40
MW-7 (SVE-6)	06/28/10	3602.11	40.73	40.82	0.09	3561.36
MW-7 (SVE-6)	06/15/10	3602.11	40.65	40.91	0.26	3561.41
MW-7 (SVE-6)	06/07/10	3602.11	39.74	40.78	1.04	3562.16
MW-7 (SVE-6)	06/01/10	3602.11	40.55	40.80	0.25	3561.51
MW-7 (SVE-6)	05/27/10	3602.11	40.59	40.73	0.14	3561.49
MW-7 (SVE-6)	05/20/10	3602.11	40.70	40.87	0.17	3561.38
MW-7 (SVE-6)	05/14/10	3602.11	39.30	42.20	2.90	3562.23
MW-7 (SVE-6)	05/03/10	3602.11	40.73	40.76	0.03	3561.37
MW-7 (SVE-6)	04/26/10	3602.11	39.62	41.72	2.10	3562.07
MW-7 (SVE-6)	04/20/10	3602.11	40.72	40.79	0.07	3561.38
MW-7 (SVE-6)	04/19/10	3602.11	39.83	41.75	1.92	3561.90
MW-7 (SVE-6)	04/13/10	3602.11	39.62	41.75	2.13	3562.06
MW-7 (SVE-6)	04/05/10	3602.11	40.40	40.66	0.26	3561.66
MW-7 (SVE-6)	03/29/10	3602.11	40.40	40.59	0.19	3561.67
MW-7 (SVE-6)	03/22/10	3602.11	39.55	41.75	2.20	3562.12
MW-7 (SVE-6)	03/08/10	3602.11	39.53	41.75	2.22	3562.14
MW-7 (SVE-6)	03/01/10	3602.11	39.53	41.75	2.22	3562.14
MW-7 (SVE-6)	02/22/10	3602.11	39.52	41.75	2.23	3562.14
MW-7 (SVE-6)	02/08/10	3602.11	39.46	41.80	2.34	3562.18
MW-7 (SVE-6)	02/01/10	3602.11	39.44	41.75	2.31	3562.21

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	01/25/10	3602.11	39.40	41.80	2.40	3562.23
MW-7 (SVE-6)	01/18/10	3602.11	39.39	42.00	2.61	3562.20
MW-7 (SVE-6)	01/11/10	3602.11	39.36	41.68	2.32	3562.29
MW-7 (SVE-6)	01/04/10	3602.11	39.35	41.80	2.45	3562.27
MW-7 (SVE-6)	12/22/09	3602.11	39.30	41.75	2.45	3562.32
MW-7 (SVE-6)	12/07/09	3602.11	39.27	41.76	2.49	3562.34
MW-7 (SVE-6)	11/30/09	3602.11	39.24	41.75	2.51	3562.37
MW-7 (SVE-6)	11/23/09	3602.11	40.10	40.58	0.48	3561.91
MW-7 (SVE-6)	11/10/09	3602.11	39.17	41.75	2.58	3562.42
MW-7 (SVE-6)	11/03/09	3602.11	40.21	40.38	0.17	3561.87
MW-7 (SVE-6)	10/26/09	3602.11	39.13	41.77	2.64	3562.45
MW-7 (SVE-6)	10/12/09	3602.11	40.00	40.55	0.55	3562.00
MW-7 (SVE-6)	09/28/09	3602.11	39.92	39.96	0.04	3562.18
MW-7 (SVE-6)	09/16/09	3602.11	40.11	40.22	0.11	3561.98
MW-7 (SVE-6)	09/08/09	3602.11	39.95	40.47	0.52	3562.06
MW-7 (SVE-6)	08/31/09	3602.11	39.84	40.51	0.67	3562.14
MW-7 (SVE-6)	08/24/09	3602.11	39.88	40.40	0.52	3562.13
MW-7 (SVE-6)	08/12/09	3602.11	39.12	40.90	1.78	3562.63
MW-7 (SVE-6)	08/04/09	3602.11	39.19	41.92	2.73	3562.37
MW-7 (SVE-6)	08/03/09	3602.11	39.18	41.91	2.73	3562.38
MW-7 (SVE-6)	07/27/09	3602.11	39.04	42.00	2.96	3562.48
MW-7 (SVE-6)	07/20/09	3602.11	39.20	41.92	2.72	3562.37
MW-7 (SVE-6)	07/14/09	3602.11	39.15	41.90	2.75	3562.41
MW-7 (SVE-6)	07/06/09	3602.11	40.00	40.04	0.04	3562.10
MW-7 (SVE-6)	06/29/09	3602.11	39.10	41.90	2.80	3562.45
MW-7 (SVE-6)	06/15/09	3602.11	39.76	40.05	0.29	3562.29
MW-7 (SVE-6)	06/09/09	3602.11	39.07	41.95	2.88	3562.46
MW-7 (SVE-6)	06/02/09	3602.11	39.10	41.95	2.85	3562.44
MW-7 (SVE-6)	06/01/09	3602.11	39.11	42.00	2.89	3562.42
MW-7 (SVE-6)	05/26/09	3602.11	39.27	42.00	2.73	3562.29
MW-7 (SVE-6)	05/11/09	3602.11	40.06	40.42	0.36	3561.98
MW-7 (SVE-6)	04/28/09	3602.11	40.02	40.04	0.02	3562.09
MW-7 (SVE-6)	04/20/09	3602.11	38.68	42.00	3.32	3562.77
MW-7 (SVE-6)	04/14/09	3602.11	38.96	42.15	3.19	3562.51
MW-7 (SVE-6)	04/06/09	3602.11	39.00	42.19	3.19	3562.47
MW-7 (SVE-6)	03/30/09	3602.11	39.00	42.25	3.25	3562.46
MW-7 (SVE-6)	03/24/09	3602.11	38.87	40.45	1.58	3562.92
MW-7 (SVE-6)	03/16/09	3602.11	38.91	42.22	3.31	3562.54
MW-7 (SVE-6)	03/09/09	3602.11	38.86	42.20	3.34	3562.58
MW-7 (SVE-6)	03/02/09	3602.11	38.95	42.20	3.25	3562.51
MW-7 (SVE-6)	02/26/09	3602.11	38.84	41.58	2.74	3562.72
MW-7 (SVE-6)	02/10/09	3602.11	39.11	41.58	2.47	3562.51
MW-7 (SVE-6)	01/26/09	3602.11	39.39	40.18	0.79	3562.56
MW-7 (SVE-6)	01/19/09	3602.11	38.70	42.26	3.56	3562.70
MW-7 (SVE-6)	01/06/09	3602.11	39.41	40.81	1.40	3562.42
MW-7 (SVE-6)	12/29/08	3602.11	39.37	40.97	1.60	3562.42
MW-7 (SVE-6)	12/24/08	3602.11	38.90	41.61	2.71	3562.67
MW-7 (SVE-6)	12/08/08	3602.11	39.18	40.77	1.59	3562.61
MW-7 (SVE-6)	12/01/08	3602.11	38.69	41.81	3.12	3562.80
MW-7 (SVE-6)	11/24/08	3602.11	38.50	42.20	3.70	3562.87
MW-7 (SVE-6)	11/10/08	3602.11	38.61	42.23	3.62	3562.78
MW-7 (SVE-6)	10/20/08	3602.11	38.21	40.00	1.79	3563.54
MW-7 (SVE-6)	10/14/08	3602.11	38.61	42.25	3.64	3562.77
MW-7 (SVE-6)	10/07/08	3602.11	39.25	40.37	1.12	3562.64
MW-7 (SVE-6)	09/29/08	3602.11	39.25	40.31	1.06	3562.65
MW-7 (SVE-6)	09/22/08	3602.11	39.25	40.28	1.03	3562.65
MW-7 (SVE-6)	09/15/08	3602.11	39.24	40.31	1.07	3562.66
MW-7 (SVE-6)	09/09/08	3602.11	38.88	41.25	2.37	3562.76
MW-7 (SVE-6)	08/18/08	3602.11	38.50	42.02	3.52	3562.91
MW-7 (SVE-6)	08/06/08	3602.11	38.39	42.19	3.80	3562.96

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	07/21/08	3602.11	38.09	41.92	3.83	3563.25
MW-7 (SVE-6)	07/14/08	3602.11	38.31	42.17	3.86	3563.03
MW-7 (SVE-6)	06/30/08	3602.11	38.25	42.20	3.95	3563.07
MW-7 (SVE-6)	06/16/08	3602.11	38.15	42.16	4.01	3563.16
MW-7 (SVE-6)	06/09/08	3602.11	38.19	42.18	3.99	3563.12
MW-7 (SVE-6)	06/02/08	3602.11	38.14	42.19	4.05	3563.16
MW-7 (SVE-6)	05/20/08	3602.11	38.02	41.98	3.96	3563.30
MW-7 (SVE-6)	04/28/08	3602.11	38.64	39.24	0.60	3563.35
MW-7 (SVE-6)	04/21/08	3602.11	37.66	41.13	3.47	3563.76
MW-7 (SVE-6)	04/14/08	3602.11	38.49	39.23	0.74	3563.47
MW-7 (SVE-6)	03/31/08	3602.11	38.33	39.25	0.92	3563.60
MW-7 (SVE-6)	03/24/08	3602.11	38.30	39.30	1.00	3563.61
MW-7 (SVE-6)	03/17/08	3602.11	38.17	39.11	0.94	3563.75
MW-7 (SVE-6)	03/11/08	3602.11	37.91	39.58	1.67	3563.87
MW-7 (SVE-6)	02/26/08	3602.11	38.08	38.95	0.87	3563.86
MW-7 (SVE-6)	02/12/08	3602.11	37.69	39.83	2.14	3563.99
MW-7 (SVE-6)	01/28/08	3602.11	37.19	40.51	3.32	3564.26
MW-7 (SVE-6)	01/07/08	3602.11	37.67	39.30	1.63	3564.11
MW-7 (SVE-6)	01/02/08	3602.11	37.31	39.81	2.50	3564.30
MW-7 (SVE-6)	12/20/07	3602.11	37.11	39.86	2.75	3564.45
MW-7 (SVE-6)	12/10/07	3602.11	37.45	37.55	0.10	3564.64
MW-7 (SVE-6)	12/05/07	3602.11	36.98	39.64	2.66	3564.60
MW-7 (SVE-6)	11/19/07	3602.11	37.49	37.53	0.04	3564.61
MW-7 (SVE-6)	11/12/07	3602.11	36.89	39.24	2.35	3564.75
MW-7 (SVE-6)	10/31/07	3602.11	37.35	37.46	0.11	3564.74
MW-7 (SVE-6)	10/22/07	3602.11	36.80	39.20	2.40	3564.83
MW-7 (SVE-6)	10/11/07	3602.11	36.98	39.46	2.48	3564.63
MW-7 (SVE-6)	10/02/07	3602.11	37.47	37.67	0.20	3564.60
MW-7 (SVE-6)	09/25/07	3602.11	37.12	39.95	2.83	3564.42
MW-7 (SVE-6)	09/10/07	3602.11	37.75	38.06	0.31	3564.30
MW-7 (SVE-6)	09/04/07	3602.11	37.74	38.06	0.32	3564.31
MW-7 (SVE-6)	08/27/07	3602.11	37.26	40.27	3.01	3564.25
MW-7 (SVE-6)	08/20/07	3602.11	37.36	39.41	2.05	3564.34
MW-7 (SVE-6)	08/08/07	3602.11	37.42	38.57	1.15	3564.46
MW-7 (SVE-6)	07/30/07	3602.11	37.50	38.00	0.50	3564.51
MW-7 (SVE-6)	07/23/07	3602.11	37.09	40.24	3.15	3564.39
MW-7 (SVE-6)	07/17/07	3602.11	37.27	39.22	1.95	3564.45
MW-7 (SVE-6)	07/09/07	3602.11	37.56	38.56	1.00	3564.35
MW-7 (SVE-6)	06/26/07	3602.11	37.20	39.37	2.17	3564.48
MW-7 (SVE-6)	06/18/07	3602.11	37.61	38.18	0.57	3564.39
MW-7 (SVE-6)	06/11/07	3602.11	37.17	40.03	2.86	3564.37
MW-7 (SVE-6)	06/04/07	3602.11	37.12	40.57	3.45	3564.30
MW-7 (SVE-6)	05/29/07	3602.11	37.14	40.55	3.41	3564.29
MW-7 (SVE-6)	05/01/07	3602.11	37.17	40.37	3.20	3564.30
MW-7 (SVE-6)	04/23/07	3602.11	37.05	40.09	3.04	3564.45
MW-7 (SVE-6)	04/02/07	3602.11	37.14	39.94	2.80	3564.41
MW-7 (SVE-6)	03/26/07	3602.11	37.12	39.72	2.60	3564.47
MW-7 (SVE-6)	03/19/07	3602.11	37.64	37.68	0.04	3564.46
MW-7 (SVE-6)	03/13/07	3602.11	37.02	39.61	2.59	3564.57
MW-7 (SVE-6)	03/05/07	3602.11	37.10	39.02	1.92	3564.63
MW-7 (SVE-6)	02/26/07	3602.11	36.97	39.06	2.09	3564.72
MW-7 (SVE-6)	02/05/07	3602.11	37.23	37.42	0.19	3564.84
MW-7 (SVE-6)	01/23/07	3602.11	36.62	38.29	1.67	3565.16
MW-7 (SVE-6)	01/08/07	3602.11	37.00	37.20	0.20	3565.07
MW-7 (SVE-6)	01/02/07	3602.11	36.90	37.38	0.48	3565.11
MW-7 (SVE-6)	12/18/06	3602.11	36.80	37.10	0.30	3565.25
MW-7 (SVE-6)	12/11/06	3602.11	36.72	36.96	0.24	3565.34
MW-7 (SVE-6)	12/05/06	3602.11	36.44	37.46	1.02	3565.47
MW-7 (SVE-6)	11/28/06	3602.11	36.37	37.32	0.95	3565.55
MW-7 (SVE-6)	11/21/06	3602.11	36.61	37.00	0.39	3565.42

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	11/06/06	3602.11	36.62	36.91	0.29	3565.43
MW-7 (SVE-6)	10/30/06	3602.11	36.60	37.11	0.51	3565.41
MW-7 (SVE-6)	10/23/06	3602.11	36.31	37.63	1.32	3565.54
MW-7 (SVE-6)	10/16/06	3602.11	36.54	37.56	1.02	3565.37
MW-7 (SVE-6)	10/10/06	3602.11	36.54	37.56	1.02	3565.37
MW-7 (SVE-6)	10/02/06	3602.11	36.55	37.82	1.27	3565.31
MW-7 (SVE-6)	09/25/06	3602.11	36.86	37.43	0.57	3565.14
MW-7 (SVE-6)	09/21/06	3602.11	36.65	38.43	1.78	3565.10
MW-7 (SVE-6)	09/14/06	3602.11	36.71	38.76	2.05	3564.99
MW-7 (SVE-6)	08/28/06	3602.11	37.18	39.27	2.09	3564.51
MW-7 (SVE-6)	08/14/06	3602.11	37.24	38.84	1.60	3564.55
MW-7 (SVE-6)	08/08/06	3602.11	37.15	38.92	1.77	3564.61
MW-7 (SVE-6)	07/24/06	3602.11	37.06	38.58	1.52	3564.75
MW-7 (SVE-6)	07/17/06	3602.11	37.31	37.91	0.60	3564.68
MW-7 (SVE-6)	07/10/06	3602.11	37.27	37.57	0.30	3564.78
MW-7 (SVE-6)	07/05/06	3602.11	37.13	38.10	0.97	3564.79
MW-7 (SVE-6)	06/26/06	3602.11	37.12	37.79	0.67	3564.86
MW-7 (SVE-6)	06/12/06	3602.11	37.14	37.43	0.29	3564.91
MW-7 (SVE-6)	06/09/06	3602.11	36.94	37.98	1.04	3564.96
MW-7 (SVE-6)	05/31/06	3602.11	36.89	37.90	1.01	3565.02
MW-7 (SVE-6)	05/03/06	3602.11	36.83	37.00	0.17	3565.25
MW-7 (SVE-6)	04/24/06	3602.11	36.52	37.86	1.34	3565.32
MW-7 (SVE-6)	04/17/06	3602.11	36.58	37.47	0.89	3565.35
MW-7 (SVE-6)	04/11/06	3602.11	36.65	36.82	0.17	3565.43
MW-7 (SVE-6)	04/04/06	3602.11	36.62	36.70	0.08	3565.47
MW-7 (SVE-6)	03/29/06	3602.11	36.55	36.84	0.29	3565.50
MW-7 (SVE-6)	03/06/06	3602.11	36.40	36.54	0.14	3565.68
MW-7 (SVE-6)	02/16/06	3602.11	36.22	36.53	0.31	3565.83
MW-7 (SVE-6)	02/01/06	3602.11	36.10	36.43	0.33	3565.94
MW-7 (SVE-6)	01/23/06	3602.11	35.91	36.70	0.79	3566.04
MW-7 (SVE-6)	01/16/06	3602.11	36.02	36.12	0.10	3566.07
MW-7 (SVE-6)	01/11/06	3602.11	35.84	36.64	0.80	3566.11
MW-7 (SVE-6)	01/04/06	3602.11	35.77	36.10	0.33	3566.27
MW-7 (SVE-6)	12/28/05	3602.11	35.87	36.28	0.41	3566.16
MW-7 (SVE-6)	12/21/05	3602.11	35.62	36.97	1.35	3566.22
MW-7 (SVE-6)	12/06/05	3602.11	35.51	36.77	1.26	3566.35
MW-7 (SVE-6)	11/16/05	3602.11	35.49	36.20	0.71	3566.48
MW-7 (SVE-6)	11/03/05	3602.11	35.25	36.62	1.37	3566.59
MW-7 (SVE-6)	10/20/05	3602.11	35.29	36.22	0.93	3566.63
MW-7 (SVE-6)	10/17/05	3602.11	35.47	35.87	0.40	3566.56
MW-7 (SVE-6)	10/11/05	3602.11	35.34	36.64	1.30	3566.51
MW-7 (SVE-6)	09/29/05	3602.11	35.64	35.92	0.28	3566.41
MW-7 (SVE-6)	09/15/05	3602.11	35.71	36.40	0.69	3566.26
MW-7 (SVE-6)	08/19/05	3602.11	35.55	38.09	2.54	3566.05
MW-7 (SVE-6)	07/18/05	3602.11	35.27	37.59	2.32	3566.38
MW-7 (SVE-6)	04/18/05	3602.11	34.50	35.86	1.36	3567.34
MW-7 (SVE-6)	01/24/05	3602.11	34.03	34.75	0.72	3567.94
MW-7 (SVE-6)	10/25/04	3602.11	35.81	36.77	0.96	3566.11
MW-7 (SVE-6)	07/20/04	3602.11	37.98	41.40	3.42	3563.45
MW-7 (SVE-6)	04/19/04	3602.11	38.69	39.78	1.09	3563.20
MW-7 (SVE-6)	01/19/04	3602.11	38.79	39.63	0.84	3563.15
MW-7 (SVE-6)	11/05/03	3602.11	38.10	41.49	3.39	3563.33
MW-7 (SVE-6)	06/23/03	3602.11	37.21	42.02	4.81	3563.94
MW-7 (SVE-6)	04/21/03	3602.11	36.98	42.41	5.43	3564.04
MW-7 (SVE-6)	11/05/02	3602.11	36.67	42.25	5.58	3564.32
MW-7 (SVE-6)	12/11/01	3602.11	35.49	41.23	5.74	3565.47
MW-7 (SVE-6)	09/25/01	3602.11	35.14	40.83	5.69	3565.83
MW-7 (SVE-6)	06/25/01	3602.11	34.69	40.34	5.65	3566.29
MW-7 (SVE-6)	02/27/01	3602.11	33.60	39.35	5.75	3567.36

Table 1

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	03/06/18	PLUGGED AND ABANDONED				
MW-8	11/15/17	3598.87	41.26	41.90	0.64	3557.48
MW-8	10/19/17	3598.87	41.28	41.90	0.62	3557.47
MW-8	09/19/17	3598.87	41.30	41.95	0.65	3557.44
MW-8	03/22/17	3598.87	--	41.06	--	3557.81
MW-8	12/15/16	3598.87	41.28	41.92	0.64	3557.46
MW-8	10/20/16	3598.87	41.29	41.93	0.64	3557.45
MW-8	09/19/16	3598.87	--	41.42	--	3557.45
MW-8	09/15/16	3598.87	--	41.42	--	3557.45
MW-8	07/27/16	3598.87	--	41.40	--	3557.47
MW-8	06/16/16	3598.87	41.41	41.81	0.40	3557.38
MW-8	05/19/16	3598.87	41.33	41.34	0.01	3557.54
MW-8	04/14/16	3598.87	--	41.22	--	3557.65
MW-8	03/23/16	3598.87	--	41.60	--	3557.27
MW-8	03/03/16	3598.87	--	41.04	--	3557.83
MW-8	02/04/16	3598.87	41.00	41.71	0.71	3557.73
MW-8	11/20/15	3598.87	41.40	42.04	0.74	3557.42
MW-8	09/29/15	3598.87	41.44	42.04	0.60	3557.31
MW-8	08/18/15	3598.87	41.40	42.04	0.64	3557.34
MW-8	07/29/15	3598.87	41.40	42.00	0.60	3557.35
MW-8	07/08/15	3598.87	41.43	42.00	0.57	3557.33
MW-8	07/07/15	3598.87	41.44	42.01	0.57	3557.32
MW-8	06/24/15	3598.87	41.39	41.98	0.59	3557.36
MW-8	06/08/15	3598.87	41.42	41.89	0.47	3557.36
MW-8	05/27/15	3598.87	41.39	41.75	0.36	3557.41
MW-8	05/13/15	3598.87	41.40	41.60	0.20	3557.43
MW-8	04/24/15	3598.87	--	41.38	--	3557.49
MW-8	04/22/15	3598.87	--	41.31	--	3557.56
MW-8	04/21/15	3598.87	41.12	41.89	0.77	3557.60
MW-8	03/09/15	3598.87	41.12	41.89	0.77	3557.60
MW-8	01/08/15	3598.87	41.19	41.88	0.69	3557.54
MW-8	11/24/14	3598.87	41.15	41.46	0.31	3557.66
MW-8	10/01/14	3598.87	41.33	41.44	0.11	3557.52
MW-8	08/19/14	3598.87	--	41.31	--	3557.56
MW-8	07/28/14	3598.87	--	41.14	--	3557.73
MW-8	06/09/14	3598.87	--	41.01	--	3557.86
MW-8	04/28/14	3598.87	--	40.97	--	3557.90
MW-8	03/24/14	3598.87	--	40.81	--	3558.06
MW-8	03/10/14	3598.87	--	40.78	--	3558.09
MW-8	02/13/14	3598.87	--	40.70	--	3558.17
MW-8	01/21/14	3598.87	--	40.71	--	3558.16
MW-8	11/27/13	3598.87	40.53	40.55	0.02	3558.34
MW-8	10/03/13	3598.87	--	40.37	--	3558.50
MW-8	09/19/13	3598.87	--	40.41	--	3558.46
MW-8	08/22/13	3598.87	--	40.32	--	3558.55
MW-8	07/22/13	3598.87	--	40.29	--	3558.58
MW-8	07/02/13	3598.87	39.81	41.43	1.62	3558.74
MW-8	06/07/13	3598.87	39.96	41.62	1.66	3558.58
MW-8	05/09/13	3598.87	39.99	41.63	1.64	3558.55
MW-8	04/10/13	3598.87	39.77	41.42	1.65	3558.77
MW-8	03/14/13	3598.87	39.86	41.97	2.11	3558.59
MW-8	03/07/13	3598.87	39.65	41.31	1.66	3558.89
MW-8	02/26/13	3598.87	39.67	41.49	1.82	3558.84
MW-8	12/20/12	3598.87	39.40	41.07	1.67	3559.14
MW-8	11/29/12	3598.87	39.46	41.91	2.45	3558.92
MW-8	11/15/12	3598.87	39.33	41.13	1.80	3559.18
MW-8	09/20/12	3598.87	39.09	41.03	1.94	3559.39
MW-8	05/29/12	3598.87	38.94	39.91	0.97	3559.74
MW-8	04/19/12	3598.87	38.61	41.90	3.29	3559.60
MW-8	03/29/12	3598.87	39.39	41.74	2.35	3559.01

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	02/23/12	3598.87	38.23	41.64	3.41	3559.96
MW-8	01/26/12	3598.87	38.16	41.65	3.49	3560.01
MW-8	01/06/12	3598.87	38.12	41.40	3.28	3560.09
MW-8	11/18/11	3598.87	37.88	41.08	3.20	3560.35
MW-8	10/10/11	3598.87	38.03	39.12	1.09	3560.62
MW-8	09/14/11	3598.87	38.04	38.22	0.18	3560.79
MW-8	08/16/11	3598.87	37.91	38.19	0.28	3560.90
MW-8	08/11/11	3598.87	37.91	38.00	0.09	3560.94
MW-8	08/04/11	3598.87	37.60	39.90	2.30	3560.81
MW-8	07/29/11	3598.87	37.98	39.55	1.57	3560.58
MW-8	03/28/11	3598.87	37.65	37.68	0.03	3561.21
MW-8	03/21/11	3598.87	37.51	37.93	0.42	3561.28
MW-8	03/07/11	3598.87	37.42	37.43	0.01	3561.45
MW-8	03/01/11	3598.87	37.32	37.57	0.25	3561.50
MW-8	02/15/11	3598.87	36.91	39.12	2.21	3561.52
MW-8	02/07/11	3598.87	36.66	40.23	3.57	3561.50
MW-8	01/31/11	3598.87	36.88	38.60	1.72	3561.65
MW-8	01/29/11	3598.87	36.65	39.68	3.03	3561.61
MW-8	01/17/11	3598.87	36.98	37.50	0.52	3561.79
MW-8	01/03/11	3598.87	36.50	39.50	3.00	3561.77
MW-8	12/06/10	3598.87	37.53	37.56	0.03	3561.33
MW-8	11/22/10	3598.87	36.33	38.25	1.92	3562.16
MW-8	11/09/10	3598.87	36.86	36.87	0.01	3562.01
MW-8	11/01/10	3598.87	36.76	37.36	0.60	3561.99
MW-8	10/25/10	3598.87	36.24	37.35	1.11	3562.41
MW-8	10/19/10	3598.87	37.00	37.01	0.01	3561.87
MW-8	10/12/10	3598.87	36.18	37.56	1.38	3562.41
MW-8	10/04/10	3598.87	36.92	36.93	0.01	3561.95
MW-8	09/27/10	3598.87	36.15	37.35	1.20	3562.48
MW-8	09/20/10	3598.87	36.65	36.66	0.01	3562.22
MW-8	09/13/10	3598.87	36.19	37.15	0.96	3562.49
MW-8	09/08/10	3598.87	37.17	37.18	0.01	3561.70
MW-8	08/30/10	3598.87	36.16	37.93	1.77	3562.36
MW-8	08/16/10	3598.87	37.40	37.42	0.02	3561.47
MW-8	08/09/10	3598.87	36.30	38.35	2.05	3562.16
MW-8	07/28/10	3598.87	36.61	37.02	0.41	3562.18
MW-8	07/27/10	3598.87	36.78	36.81	0.03	3562.08
MW-8	07/26/10	3598.87	36.48	38.24	1.76	3562.04
MW-8	07/19/10	3598.87	37.39	37.73	0.34	3561.41
MW-8	07/13/10	3598.87	36.22	38.91	2.69	3562.11
MW-8	06/28/10	3598.87	37.29	39.63	2.34	3561.11
MW-8	06/15/10	3598.87	38.02	38.40	0.38	3560.77
MW-8	06/07/10	3598.87	37.28	39.12	1.84	3561.22
MW-8	06/01/10	3598.87	--	38.11	--	3560.76
MW-8	05/27/10	3598.87	37.10	39.85	2.75	3561.22
MW-8	05/20/10	3598.87	38.11	38.12	0.01	3560.76
MW-8	05/14/10	3598.87	36.98	40.44	3.46	3561.20
MW-8	05/03/10	3598.87	--	38.20	--	3560.67
MW-8	04/26/10	3598.87	37.03	39.43	2.40	3561.36
MW-8	04/19/10	3598.87	37.04	39.83	2.79	3561.27
MW-8	04/13/10	3598.87	--	38.26	--	3560.61
MW-8	04/05/10	3598.87	36.92	40.05	3.13	3561.32
MW-8	03/29/10	3598.87	--	38.20	--	3560.67
MW-8	03/22/10	3598.87	36.76	40.71	3.95	3561.32
MW-8	03/08/10	3598.87	--	38.18	--	3560.69
MW-8	03/01/10	3598.87	36.82	40.03	3.21	3561.41
MW-8	02/22/10	3598.87	--	38.17	--	3560.70
MW-8	02/08/10	3598.87	36.63	40.77	4.14	3561.41
MW-8	02/01/10	3598.87	36.63	40.68	4.05	3561.43
MW-8	01/25/10	3598.87	36.70	39.91	3.21	3561.53

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	01/18/10	3598.87	38.02	38.03	0.01	3560.85
MW-8	01/11/10	3598.87	36.53	40.64	4.11	3561.52
MW-8	01/04/10	3598.87	36.55	40.38	3.83	3561.55
MW-8	12/22/09	3598.87	38.01	38.02	0.01	3560.86
MW-8	12/07/09	3598.87	36.73	38.70	1.97	3561.75
MW-8	11/30/09	3598.87	36.55	40.58	4.03	3561.51
MW-8	11/23/09	3598.87	37.45	37.76	0.31	3561.36
MW-8	11/10/09	3598.87	36.47	39.67	3.20	3561.76
MW-8	11/03/09	3598.87	37.81	38.82	1.01	3560.86
MW-8	10/26/09	3598.87	36.33	41.00	4.67	3561.61
MW-8	10/12/09	3598.87	36.73	38.34	1.61	3561.82
MW-8	09/28/09	3598.87	37.12	37.14	0.02	3561.75
MW-8	09/16/09	3598.87	36.85	37.76	0.91	3561.84
MW-8	09/08/09	3598.87	36.44	39.24	2.80	3561.87
MW-8	08/31/09	3598.87	36.80	37.66	0.86	3561.90
MW-8	08/24/09	3598.87	36.79	37.55	0.76	3561.93
MW-8	08/12/09	3598.87	36.88	37.70	0.82	3561.83
MW-8	08/04/09	3598.87	36.37	40.33	3.96	3561.71
MW-8	08/03/09	3598.87	36.34	40.39	4.05	3561.72
MW-8	07/27/09	3598.87	36.20	40.04	3.84	3561.90
MW-8	07/20/09	3598.87	36.42	39.71	3.29	3561.79
MW-8	07/14/09	3598.87	36.58	38.52	1.94	3561.90
MW-8	07/06/09	3598.87	36.71	38.05	1.34	3561.89
MW-8	06/29/09	3598.87	36.35	39.55	3.20	3561.88
MW-8	06/15/09	3598.87	36.95	36.94	0.01	3561.92
MW-8	06/09/09	3598.87	36.50	38.47	1.97	3561.98
MW-8	06/02/09	3598.87	36.90	36.91	0.01	3561.97
MW-8	06/01/09	3598.87	36.74	37.04	0.30	3562.07
MW-8	05/26/09	3598.87	36.80	37.05	0.25	3562.02
MW-8	05/11/09	3598.87	36.68	37.02	0.34	3562.12
MW-8	04/28/09	3598.87	36.68	36.95	0.27	3562.14
MW-8	04/20/09	3598.87	35.99	38.58	2.59	3562.36
MW-8	04/14/09	3598.87	36.65	36.93	0.28	3562.16
MW-8	04/06/09	3598.87	36.24	38.70	2.46	3562.14
MW-8	03/30/09	3598.87	36.70	36.71	0.01	3562.17
MW-8	03/24/09	3598.87	36.14	39.00	2.86	3562.16
MW-8	03/16/09	3598.87	36.58	36.76	0.18	3562.25
MW-8	03/09/09	3598.87	36.13	38.79	2.66	3562.21
MW-8	03/02/09	3598.87	36.52	36.72	0.20	3562.31
MW-8	02/26/09	3598.87	36.48	36.60	0.12	3562.37
MW-8	02/10/09	3598.87	35.95	39.43	3.48	3562.22
MW-8	01/26/09	3598.87	36.60	36.81	0.21	3562.23
MW-8	01/19/09	3598.87	35.92	38.98	3.06	3562.34
MW-8	01/06/09	3598.87	36.48	36.51	0.03	3562.38
MW-8	12/29/08	3598.87	36.32	36.81	0.49	3562.45
MW-8	12/24/08	3598.87	36.38	36.65	0.27	3562.44
MW-8	12/08/08	3598.87	36.04	37.54	1.50	3562.53
MW-8	12/01/08	3598.87	35.66	39.59	3.93	3562.42
MW-8	11/24/08	3598.87	35.90	38.90	3.00	3562.37
MW-8	11/10/08	3598.87	35.75	39.30	3.55	3562.41
MW-8	10/27/08	3598.87	35.88	38.35	2.47	3562.50
MW-8	10/20/08	3598.87	35.65	37.27	1.62	3562.90
MW-8	10/14/08	3598.87	36.24	37.00	0.76	3562.48
MW-8	10/07/08	3598.87	36.02	37.45	1.43	3562.56
MW-8	09/29/08	3598.87	36.47	36.57	0.10	3562.38
MW-8	09/22/08	3598.87	36.30	36.67	0.37	3562.50
MW-8	09/15/08	3598.87	36.33	36.64	0.31	3562.48
MW-8	09/09/08	3598.87	36.26	36.88	0.62	3562.49
MW-8	08/18/08	3598.87	36.11	37.02	0.91	3562.58
MW-8	08/06/08	3598.87	36.03	36.85	0.82	3562.68

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	07/21/08	3598.87	35.71	36.32	0.61	3563.04
MW-8	07/14/08	3598.87	36.20	36.23	0.03	3562.66
MW-8	06/30/08	3598.87	35.73	36.93	1.20	3562.90
MW-8	06/16/08	3598.87	35.90	35.89	0.01	3562.97
MW-8	06/09/08	3598.87	35.80	36.26	0.46	3562.98
MW-8	06/02/08	3598.87	35.75	35.76	0.01	3563.12
MW-8	05/20/08	3598.87	35.60	36.25	0.65	3563.14
MW-8	04/28/08	3598.87	35.56	35.56	0.00	3563.31
MW-8	04/21/08	3598.87	35.14	35.71	0.57	3563.62
MW-8	04/14/08	3598.87	35.37	35.85	0.48	3563.40
MW-8	03/31/08	3598.87	35.30	35.63	0.33	3563.50
MW-8	03/24/08	3598.87	35.27	35.49	0.22	3563.56
MW-8	03/17/08	3598.87	35.23	35.42	0.19	3563.60
MW-8	03/11/08	3598.87	35.20	35.31	0.11	3563.65
MW-8	02/26/08	3598.87	35.13	35.61	0.48	3563.64
MW-8	02/12/08	3598.87	34.95	35.91	0.96	3563.73
MW-8	01/28/08	3598.87	34.65	35.49	0.84	3564.05
MW-8	01/07/08	3598.87	34.79	35.44	0.65	3563.95
MW-8	01/02/08	3598.87	34.76	35.21	0.45	3564.02
MW-8	12/20/07	3598.87	34.71	35.00	0.29	3564.10
MW-8	12/10/07	3598.87	34.68	35.39	0.71	3564.05
MW-8	12/05/07	3598.87	34.59	35.24	0.65	3564.15
MW-8	11/19/07	3598.87	34.49	35.15	0.66	3564.25
MW-8	11/12/07	3598.87	34.38	34.92	0.54	3564.38
MW-8	10/31/07	3598.87	34.46	35.42	0.96	3564.22
MW-8	10/22/07	3598.87	34.26	35.34	1.08	3564.39
MW-8	10/11/07	3598.87	34.48	35.33	0.85	3564.22
MW-8	10/02/07	3598.87	34.61	35.46	0.85	3564.09
MW-8	09/25/07	3598.87	34.64	35.40	0.76	3564.08
MW-8	09/10/07	3598.87	34.97	35.64	0.67	3563.77
MW-8	09/04/07	3598.87	34.84	35.73	0.89	3563.85
MW-8	08/27/07	3598.87	34.68	35.67	0.99	3563.99
MW-8	08/20/07	3598.87	34.67	35.56	0.89	3564.02
MW-8	08/08/07	3598.87	34.60	35.48	0.88	3564.09
MW-8	07/30/07	3598.87	34.64	35.33	0.69	3564.09
MW-8	07/23/07	3598.87	34.56	35.41	0.85	3564.14
MW-8	07/17/07	3598.87	34.60	35.33	0.73	3564.12
MW-8	07/09/07	3598.87	34.81	35.28	0.47	3563.97
MW-8	06/26/07	3598.87	34.57	35.10	0.53	3564.19
MW-8	06/18/07	3598.87	34.73	35.15	0.42	3564.06
MW-8	06/11/07	3598.87	34.62	35.08	0.46	3564.16
MW-8	06/04/07	3598.87	34.69	35.02	0.33	3564.11
MW-8	05/29/07	3598.87	34.68	35.14	0.46	3564.10
MW-8	05/01/07	3598.87	34.65	34.87	0.22	3564.18
MW-8	04/23/07	3598.87	34.50	34.75	0.25	3564.32
MW-8	04/02/07	3598.87	34.62	35.02	0.40	3564.17
MW-8	03/26/07	3598.87	34.55	34.64	0.09	3564.30
MW-8	03/19/07	3598.87	34.52	34.70	0.18	3564.31
MW-8	03/13/07	3598.87	34.42	34.64	0.22	3564.41
MW-8	03/05/07	3598.87	34.43	34.56	0.13	3564.41
MW-8	02/26/07	3598.87	34.34	34.52	0.18	3564.49
MW-8	02/05/07	3598.87	34.12	34.72	0.60	3564.63
MW-8	01/23/07	3598.87	33.90	34.33	0.43	3564.88
MW-8	01/08/07	3598.87	34.05	34.06	0.01	3564.82
MW-8	01/02/07	3598.87	33.97	34.26	0.29	3564.84
MW-8	12/18/06	3598.87	33.74	34.38	0.64	3565.00
MW-8	12/11/06	3598.87	33.81	33.82	0.01	3565.06
MW-8	12/05/06	3598.87	33.67	34.12	0.45	3565.11
MW-8	11/28/06	3598.87	33.67	34.05	0.38	3565.12
MW-8	11/21/06	3598.87	33.65	34.13	0.48	3565.12

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	11/06/06	3598.87	33.76	33.77	0.01	3565.11
MW-8	10/30/06	3598.87	33.76	33.79	0.03	3565.10
MW-8	10/23/06	3598.87	33.61	33.95	0.34	3565.19
MW-8	10/16/06	3598.87	33.76	33.98	0.22	3565.07
MW-8	10/10/06	3598.87	33.71	34.57	0.86	3564.99
MW-8	10/02/06	3598.87	33.80	34.56	0.76	3564.92
MW-8	09/25/06	3598.87	33.91	34.58	0.67	3564.83
MW-8	09/21/06	3598.87	33.95	34.61	0.66	3564.79
MW-8	09/14/06	3598.87	34.05	34.71	0.66	3564.69
MW-8	08/28/06	3598.87	34.46	34.67	0.21	3564.37
MW-8	08/14/06	3598.87	34.45	34.54	0.09	3564.40
MW-8	08/08/06	3598.87	34.39	34.49	0.10	3564.46
MW-8	07/24/06	3598.87	34.25	34.39	0.14	3564.59
MW-8	07/17/06	3598.87	34.30	34.41	0.11	3564.55
MW-8	07/10/06	3598.87	34.26	34.36	0.10	3564.59
MW-8	07/05/06	3598.87	34.23	34.34	0.11	3564.62
MW-8	06/26/06	3598.87	34.17	34.26	0.09	3564.68
MW-8	06/12/06	3598.87	34.10	34.13	0.03	3564.76
MW-8	06/09/06	3598.87	34.06	34.14	0.08	3564.79
MW-8	05/31/06	3598.87	34.00	34.07	0.07	3564.86
MW-8	05/03/06	3598.87	33.79	33.98	0.19	3565.04
MW-8	04/24/06	3598.87	33.64	34.11	0.47	3565.14
MW-8	04/17/06	3598.87	33.71	33.74	0.03	3565.15
MW-8	04/11/06	3598.87	33.67	33.81	0.14	3565.17
MW-8	04/04/06	3598.87	33.61	33.71	0.10	3565.24
MW-8	03/29/06	3598.87	33.56	33.75	0.19	3565.27
MW-8	03/06/06	3598.87	33.37	33.65	0.28	3565.44
MW-8	02/16/06	3598.87	33.24	33.52	0.28	3565.57
MW-8	02/01/06	3598.87	33.11	33.55	0.44	3565.67
MW-8	01/23/06	3598.87	33.04	33.44	0.40	3565.75
MW-8	01/16/06	3598.87	33.05	33.31	0.26	3565.77
MW-8	01/11/06	3598.87	32.88	33.83	0.95	3565.80
MW-8	01/04/06	3598.87	32.84	34.11	1.27	3565.78
MW-8	12/28/05	3598.87	32.80	33.92	1.12	3565.85
MW-8	12/21/05	3598.87	32.69	33.83	1.14	3565.95
MW-8	11/29/05	3598.87	32.63	33.77	1.14	3566.01
MW-8	11/16/05	3598.87	32.62	33.65	1.03	3566.04
MW-8	11/03/05	3598.87	32.50	33.71	1.21	3566.13
MW-8	10/17/05	3598.87	32.56	33.49	0.93	3566.12
MW-8	10/11/05	3598.87	32.68	32.93	0.25	3566.14
MW-8	09/29/05	3598.87	32.61	34.59	1.98	3565.86
MW-8	09/15/05	3598.87	--	32.88	--	3565.99
MW-8	08/19/05	3598.87	32.68	34.64	1.96	3565.80
MW-8	07/18/05	3598.87	32.42	33.28	0.86	3566.28
MW-8	04/18/05	3598.87	31.67	33.44	1.77	3566.85
MW-8	01/24/05	3598.87	31.29	33.20	1.91	3567.20
MW-8	10/25/04	3598.87	32.93	35.70	2.77	3565.39
MW-8	07/20/04	3598.87	34.96	38.65	3.69	3563.17
MW-8	04/19/04	3598.87	35.20	39.41	4.21	3562.83
MW-8	01/19/04	3598.87	35.13	40.16	5.03	3562.73
MW-8	11/05/03	3598.87	34.43	39.85	5.42	3563.36
MW-8	06/23/03	3598.87	34.31	37.21	2.90	3563.98
MW-8	04/21/03	3598.87	34.22	38.64	4.42	3563.77
MW-8	11/05/02	3598.87	33.86	38.34	4.48	3564.11
MW-8	12/11/01	3598.87	32.63	36.71	4.08	3565.42
MW-8	09/25/01	3598.87	32.33	36.18	3.85	3565.77
MW-8	06/25/01	3598.87	31.93	35.59	3.66	3566.21
MW-8	02/27/01	3598.87	31.17	34.36	3.19	3567.06

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-9 (NW-4)	03/06/18	PLUGGED AND ABANDONED				
MW-9 (NW-4)	11/15/17	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	10/19/17	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	09/19/17	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	03/22/17	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	12/15/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	10/20/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	09/19/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	09/15/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	07/27/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	06/16/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	05/19/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	04/14/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	03/23/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	03/03/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	02/04/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	11/20/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	09/29/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	08/18/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	07/08/15	3601.05	40.36	40.37	0.01	3560.69
MW-9 (NW-4)	07/07/15	3601.05	40.36	40.37	0.01	3560.69
MW-9 (NW-4)	06/08/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	05/13/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	04/22/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	06/23/03	3601.05	34.55	38.80	4.25	3565.65
MW-9 (NW-4)	09/25/01	3601.05	35.19	37.54	2.35	3565.39
MW-9 (NW-4)	06/25/01	3601.05	35.11	35.78	0.67	3565.81
MW-9 (NW-4)	02/27/01	3601.05	--	34.80	--	3566.25
MW-10 (NIW-5)	03/06/18	PLUGGED AND ABANDONED				
MW-10 (NIW-5)	09/19/17	3602.96	DRY	DRY	DRY	DRY
MW-10 (NIW-5)	03/22/17	3602.96	--	37.87	--	3565.09
MW-10 (NIW-5)	05/20/02	3602.96	--	37.87	--	3565.09
MW-10 (NIW-5)	12/11/01	3602.96	--	37.49	--	3565.47
MW-10 (NIW-5)	09/25/01	3602.96	--	37.13	--	3565.83
MW-10 (NIW-5)	06/25/01	3602.96	--	36.69	--	3566.27
MW-10 (NIW-5)	02/27/01	3602.96	--	36.27	--	3566.69
MW-11	03/06/18	PLUGGED AND ABANDONED				
MW-11	09/19/17	3600.67	DRY	DRY	DRY	DRY
MW-11	03/22/17	3600.67	--	33.83	--	3566.84
MW-11	05/20/02	3600.67	--	33.83	--	3566.84
MW-11	12/11/01	3600.67	--	33.33	--	3567.34
MW-11	09/25/01	3600.67	--	32.99	--	3567.68
MW-11	06/25/01	3600.67	--	32.56	--	3568.11
MW-11	02/27/01	3600.67	--	32.13	--	3568.54
MW-12 (NIW-2)	03/06/18	PLUGGED AND ABANDONED				
MW-12 (NIW-2)	09/19/17	3599.35	DRY	DRY	DRY	DRY
MW-12 (NIW-2)	03/22/17	3599.35	--	33.46	--	3565.89
MW-12 (NIW-2)	05/20/02	3599.35	--	33.46	--	3565.89
MW-12 (NIW-2)	12/11/01	3599.35	--	32.94	--	3566.41
MW-12 (NIW-2)	09/25/01	3599.35	--	32.63	--	3566.72
MW-12 (NIW-2)	06/25/01	3599.35	--	32.23	--	3567.12
MW-12 (NIW-2)	02/27/01	3599.35	--	31.82	--	3567.53
MW-13	03/06/18	PLUGGED AND ABANDONED				
MW-13	09/19/17	3601.67	DRY	DRY	DRY	DRY
MW-13	03/22/17	3601.67	DRY	DRY	DRY	DRY
MW-13	07/29/15	3601.67	DRY	DRY	DRY	DRY

Groundwater Elevation Data
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Line NM 1-1
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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-13	03/10/15	3601.67	DRY	DRY	DRY	DRY
MW-13	07/28/14	3601.67	DRY	DRY	DRY	DRY
MW-13	03/24/14	3601.67	DRY	DRY	DRY	DRY
MW-13	07/22/13	3601.67	DRY	DRY	DRY	DRY
MW-13	02/26/13	3601.67	DRY	DRY	DRY	DRY
MW-13	10/10/11	3601.67	DRY	DRY	DRY	DRY
MW-13	01/25/10	3601.67	--	41.19	--	3560.48
MW-13	10/26/09	3601.67	--	40.93	--	3560.74
MW-13	07/27/09	3601.67	--	40.80	--	3560.87
MW-13	04/20/09	3601.67	--	40.46	--	3561.21
MW-13	01/19/09	3601.67	--	40.18	--	3561.49
MW-13	10/20/08	3601.67	--	40.05	--	3561.62
MW-13	07/21/08	3601.67	--	39.79	--	3561.88
MW-13	04/21/08	3601.67	--	39.36	--	3562.31
MW-13	01/28/08	3601.67	--	39.03	--	3562.64
MW-13	10/22/07	3601.67	--	38.70	--	3562.97
MW-13	07/23/07	3601.67	--	38.91	--	3562.76
MW-13	04/23/07	3601.67	--	38.73	--	3562.94
MW-13	01/23/07	3601.67	--	38.23	--	3563.44
MW-13	10/23/06	3601.67	--	37.94	--	3563.73
MW-13	07/24/06	3601.67	--	38.42	--	3563.25
MW-13	04/24/06	3601.67	--	37.90	--	3563.77
MW-13	01/23/06	3601.67	--	37.31	--	3564.36
MW-13	01/04/06	3601.67	--	37.25	--	3564.42
MW-13	12/21/05	3601.67	--	37.16	--	3564.51
MW-13	12/12/05	3601.67	--	37.10	--	3564.57
MW-13	12/06/05	3601.67	--	37.05	--	3564.62
MW-13	11/29/05	3601.67	--	37.05	--	3564.62
MW-13	11/22/05	3601.67	37.01	37.00	0.01	3564.66
MW-13	11/16/05	3601.67	--	37.02	--	3564.65
MW-13	11/10/05	3601.67	--	36.98	--	3564.69
MW-13	11/03/05	3601.67	--	36.98	--	3564.69
MW-13	10/17/05	3601.67	--	36.92	--	3564.75
MW-13	07/18/05	3601.67	--	36.86	--	3564.81
MW-13	04/18/05	3601.67	--	36.17	--	3565.50
MW-13	01/24/05	3601.67	--	36.03	--	3565.64
MW-13	11/03/04	3601.67	--	38.63	--	3563.04
MW-13	10/25/04	3601.67	--	37.97	--	3563.70
MW-13	07/20/04	3601.67	--	39.51	--	3562.16
MW-13	07/03/04	3601.67	--	38.63	--	3563.04
MW-13	04/19/04	3601.67	--	39.75	--	3561.92
MW-13	01/19/04	3601.67	--	39.37	--	3562.30
MW-13	10/15/03	3601.67	--	39.35	--	3562.32
MW-13	07/14/03	3601.67	--	38.95	--	3562.72
MW-13	04/23/03	3601.67	--	38.65	--	3563.02
MW-13	04/03/03	3601.67	--	38.55	--	3563.12
MW-13	03/14/03	3601.67	--	38.57	--	3563.10
MW-13	02/25/03	3601.67	--	38.52	--	3563.15
MW-13	02/24/03	3601.67	--	38.54	--	3563.13
MW-13	01/14/03	3601.67	--	38.39	--	3563.28
MW-13	12/18/02	3601.67	--	38.40	--	3563.27
MW-13	12/17/02	3601.67	--	38.37	--	3563.30
MW-13	11/29/02	3601.67	--	38.44	--	3563.23
MW-13	11/22/02	3601.67	--	38.45	--	3563.22
MW-13	11/07/02	3601.67	--	38.49	--	3563.18
MW-13	08/29/02	3601.67	--	38.30	--	3563.37
MW-13	08/28/02	3601.67	--	38.30	--	3563.37
MW-13	05/20/02	3601.67	--	38.04	--	3563.63
MW-13	12/11/01	3601.67	--	37.57	--	3564.10
MW-13	09/25/01	3601.67	--	37.23	--	3564.44

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-13	06/25/01	3601.67	--	36.83	--	3564.84
MW-13	02/27/01	3601.67	--	36.44	--	3565.23
MW-14	09/20/23	3601.93	46.22	50.62	4.40	3554.83
MW-14	03/29/23	3601.93	45.68	50.20	4.52	3555.35
MW-14	09/12/22	3601.93	45.48	50.02	4.54	3555.54
MW-14	04/06/22	3601.93	45.03	48.13	3.10	3556.28
MW-14	09/07/21	3601.93	45.11	48.66	3.55	3556.11
MW-14	03/31/21	3601.93	45.06	46.41	1.35	3556.60
MW-14	09/15/20	3601.93	44.23	45.37	1.14	3557.47
MW-14	09/01/20	3601.93	44.19	45.27	1.08	3557.52
MW-14	03/16/20	3601.93	43.78	45.33	1.55	3557.84
MW-14	09/16/19	3601.93	43.37	46.06	2.69	3558.02
MW-14	03/20/19	3601.93	42.82	45.61	2.79	3558.55
MW-14	09/17/18	3601.93	42.66	45.50	2.84	3558.70
MW-14	06/04/18	3601.93	42.23	45.41	3.18	3559.06
MW-14	03/19/18	3601.93	41.91	44.50	2.59	3559.50
MW-14	09/19/17	3601.93	41.97	43.65	1.68	3559.62
MW-15	09/20/23	3601.97	47.16	53.25	6.09	3553.59
MW-15	03/29/23	3601.97	46.71	52.90	6.19	3554.02
MW-15	09/12/22	3601.97	46.49	52.68	6.19	3554.24
MW-15	04/06/22	3601.97	46.03	52.18	6.15	3554.71
MW-15	09/07/21	3601.97	46.20	52.04	5.84	3554.60
MW-15	03/31/21	3601.97	45.58	51.44	5.86	3555.22
MW-15	09/15/20	3601.97	44.89	50.35	5.46	3555.99
MW-15	09/01/20	3601.97	44.79	50.68	5.89	3556.00
MW-15	03/16/20	3601.97	44.47	50.37	5.90	3556.32
MW-15	09/16/19	3601.97	44.22	50.05	5.83	3556.58
MW-15	03/20/19	3601.97	43.75	49.50	5.75	3557.07
MW-15	09/17/18	3601.97	43.66	49.21	5.55	3557.20
MW-15	06/04/18	3601.97	43.23	48.83	5.60	3557.62
MW-15	03/19/18	3601.97	43.01	48.56	5.55	3557.85
MW-15	09/19/17	3601.97	43.40	45.00	1.60	3558.25
MW-16	09/20/23	3601.54	46.71	52.71	6.00	3553.63
MW-16	03/29/23	3601.54	46.28	52.44	6.16	3554.03
MW-16	09/12/22	3601.54	46.06	52.38	6.32	3554.22
MW-16	04/05/22	3601.54	45.77	50.75	4.98	3554.77
MW-16	09/07/21	3601.54	45.59	51.90	6.31	3554.69
MW-16	03/31/21	3601.54	45.14	51.28	6.14	3555.17
MW-16	09/15/20	3601.54	44.49	49.80	5.31	3555.99
MW-16	09/01/20	3601.54	44.36	50.37	6.01	3555.98
MW-16	03/16/20	3601.54	44.04	49.99	5.95	3556.31
MW-16	09/16/19	3601.54	43.80	49.67	5.87	3556.57
MW-16	03/20/19	3601.54	43.33	49.50	6.17	3556.98
MW-16	09/17/18	3601.54	43.20	48.72	5.52	3557.24
MW-16	06/04/18	3601.54	42.82	48.23	5.41	3557.64
MW-16	03/19/18	3601.54	42.60	47.85	5.25	3557.89
MW-16	09/19/17	3601.54	42.80	45.73	2.93	3558.16
MW-17	09/20/23	3598.99	44.32	48.82	4.50	3553.77
MW-17	03/29/23	3598.99	43.91	48.38	4.47	3554.19
MW-17	09/12/22	3598.99	43.67	47.94	4.27	3554.47
MW-17	04/05/22	3598.99	43.34	46.78	3.44	3554.96
MW-17	09/07/21	3598.99	43.30	47.19	3.89	3554.91
MW-17	03/31/21	3598.99	42.92	46.02	3.10	3555.45
MW-17	09/15/20	3598.99	42.51	42.23	0.28	3556.54
MW-17	08/31/20	3598.99	42.33	43.94	1.61	3556.34
MW-17	07/15/20	3598.99	42.43	42.53	0.10	3556.54

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-17	03/16/20	3598.99	41.73	45.40	3.67	3556.53
MW-17	09/16/19	3598.99	41.37	45.98	4.61	3556.70
MW-17	03/20/19	3598.99	40.90	45.46	4.56	3557.18
MW-17	09/17/18	3598.99	40.74	45.26	4.52	3557.35
MW-17	06/04/18	3598.99	40.38	44.57	4.19	3557.77
MW-17	03/19/18	3598.99	40.20	44.14	3.94	3558.01
MW-17	09/19/17	3598.99	40.56	40.96	0.40	3558.35
MW-18	09/21/23	3598.88	--	44.55	--	3554.33
MW-18	03/29/23	3598.88	--	44.09	--	3554.79
MW-18	09/12/22	3598.88	--	43.86	--	3555.02
MW-18	04/05/22	3598.88	--	43.42	--	3555.46
MW-18	09/07/21	3598.88	--	43.41	--	3555.47
MW-18	03/31/21	3598.88	--	42.96	--	3555.92
MW-18	09/15/20	3598.88	--	42.25	--	3556.63
MW-18	03/16/20	3598.88	--	41.88	--	3557.00
MW-18	09/16/19	3598.88	--	41.66	--	3557.22
MW-18	03/20/19	3598.88	--	41.07	--	3557.81
MW-18	09/17/18	3598.88	--	40.95	--	3557.93
MW-18	06/04/18	3598.88	--	40.59	--	3558.29
MW-18	03/19/18	3598.88	--	40.35	--	3558.53
MW-18	09/19/17	3598.88	--	40.20	--	3558.68
MW-19	09/20/23	3601.25	45.67	48.82	3.15	3554.95
MW-19	03/29/23	3601.25	45.18	48.09	2.91	3555.49
MW-19	09/12/22	3601.25	44.94	48.04	3.10	3555.69
MW-19	04/06/22	3601.25	44.45	47.50	3.05	3556.19
MW-19	09/07/21	3601.25	44.51	47.32	2.81	3556.18
MW-19	03/31/21	3601.25	44.07	47.08	3.01	3556.58
MW-19	09/15/20	3601.25	43.5	44.81	1.31	3557.49
MW-19	09/01/20	3601.25	43.19	46.25	3.06	3557.45
MW-19	03/16/20	3601.25	42.89	45.65	2.76	3557.81
MW-19	09/16/19	3601.25	42.7	45.24	2.54	3558.04
MW-19	03/20/19	3601.25	42.18	44.61	2.43	3558.58
MW-19	09/17/18	3601.25	42.04	44.29	2.25	3558.76
MW-19	06/04/18	3601.25	41.75	43.51	1.76	3559.15
MW-19	03/19/18	3601.25	41.53	43.12	1.59	3559.40
MW-19	09/19/17	3601.25	--	41.51	--	3559.74
MW-20	09/21/23	3600.85	48.23	51.02	2.79	3552.06
MW-20	03/29/23	3600.85	47.99	49.68	1.69	3552.52
MW-20	09/12/22	3600.85	47.75	49.34	1.59	3552.78
MW-20	04/05/22	3600.85	47.48	47.90	0.42	3553.29
MW-20	09/07/21	3600.85	47.28	48.49	1.21	3553.33
MW-20	03/31/21	3600.85	44.23	46.32	2.09	3556.20
MW-20	09/15/20	3600.85	46.18	47.45	1.27	3554.42
MW-20	08/31/20	3600.85	46.14	47.50	1.36	3554.44
MW-20	03/16/20	3600.85	45.41	46.86	1.45	3555.15
MW-20	09/16/19	3600.85	45.77	45.80	0.03	3555.07
MW-20	03/20/19	3600.85	--	44.33	--	3556.52
MW-20	09/17/18	3600.85	--	45.13	--	3555.72
MW-20	06/04/18	3600.85	--	44.81	--	3556.04
MW-20	03/19/18	3600.85	--	44.58	--	3556.27
MW-20	09/19/17	3600.85	--	49.50	--	3551.35
MW-21	09/21/23	3600.33	--	48.01	--	3552.32
MW-21	03/29/23	3600.33	--	47.71	--	3552.62
MW-21	09/12/22	3600.33	--	47.37	--	3552.96
MW-21	04/05/22	3600.33	--	46.95	--	3553.38
MW-21	09/07/21	3600.33	--	46.93	--	3553.40

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-21	04/01/21	3600.33	--	46.42	--	3553.91
MW-21	09/15/20	3600.33	--	45.85	--	3554.48
MW-21	08/31/20	3600.33	--	45.78	--	3554.55
MW-21	03/16/20	3600.33	--	45.46	--	3554.87
MW-21	09/16/19	3600.33	--	45.22	--	3555.11
MW-21	03/20/19	3600.33	--	44.76	--	3555.57
MW-21	09/17/18	3600.33	--	44.56	--	3555.77
MW-21	06/04/18	3600.33	--	44.26	--	3556.07
MW-21	03/19/18	3600.33	--	44.06	--	3556.27
MW-21	09/19/17	3600.33	--	37.87	--	3562.46
MW-22	09/21/23	3602.49	--	45.48	--	3557.01
MW-22	03/29/23	3602.49	--	44.91	--	3557.58
MW-22	09/12/22	3602.49	--	44.72	--	3557.77
MW-22	04/05/22	3602.49	--	44.14	--	3558.35
MW-22	09/07/21	3601.49	--	44.23	--	3557.26
MW-22	04/01/21	3601.49	--	43.90	--	3557.59
MW-22	09/15/20	3601.49	--	42.98	--	3558.51
MW-22	03/16/20	3601.49	--	42.53	--	3558.96
MW-22	09/16/19	3601.49	--	42.33	--	3559.16
MW-22	03/20/19	3601.49	--	41.65	--	3559.84
MW-22	09/17/18	3601.49	--	41.57	--	3559.92
MW-22	06/04/18	3601.49	--	41.24	--	3560.25
MW-22	03/19/18	3601.49	--	40.88	--	3560.61
MW-23	09/20/23	3602.28	46.78	53.28	6.50	3554.20
MW-23	03/29/23	3602.28	46.31	52.73	6.42	3554.69
MW-23	09/12/22	3602.28	46.15	52.46	6.31	3554.87
MW-23	04/06/22	3602.28	45.67	51.77	6.10	3555.39
MW-23	09/07/21	3602.28	45.63	51.88	6.25	3555.40
MW-23	04/01/21	3602.28	45.27	51.18	5.91	3555.83
MW-23	09/15/20	3602.28	44.74	48.74	4.00	3556.74
MW-23	09/02/20	3602.28	45.24	45.47	0.23	3556.99
MW-23	09/01/20	3602.28	44.45	50.11	5.66	3556.70
MW-23	03/16/20	3602.28	44.11	49.84	5.73	3557.02
MW-23	09/16/19	3602.28	43.88	49.54	5.66	3557.27
MW-23	03/20/19	3602.28	43.36	48.94	5.58	3557.80
MW-23	09/17/18	3602.28	43.21	48.87	5.66	3557.94
MW-23	06/04/18	3602.28	42.85	48.30	5.45	3558.34
MW-23	03/19/18	3602.28	42.89	46.50	3.61	3558.67
MW-24	09/20/23	3599.36	44.35	49.19	4.84	3554.04
MW-24	03/29/23	3599.36	43.83	48.75	4.92	3554.55
MW-24	09/14/22	3599.36	43.62	47.99	4.37	3554.87
MW-24	04/05/22	3599.36	43.19	47.85	4.66	3555.24
MW-24	09/07/21	3599.36	43.15	47.88	4.73	3555.26
MW-24	04/01/21	3599.36	42.68	47.39	4.71	3555.74
MW-24	09/15/20	3599.36	41.19	44.98	3.79	3557.41
MW-24	09/01/20	3599.36	41.92	46.24	4.32	3556.58
MW-24	03/16/20	3599.36	41.55	46.25	4.70	3556.87
MW-24	09/16/19	3599.36	41.28	46.35	5.07	3557.07
MW-24	03/20/19	3599.36	40.77	45.90	5.13	3557.56
MW-24	09/17/18	3599.36	40.62	45.71	5.09	3557.72
MW-24	06/04/18	3599.36	40.27	44.95	4.68	3558.15
MW-24	03/19/18	3599.36	40.11	44.17	4.06	3558.44
MW-25	09/21/23	3602.44	51.23	57.00	5.77	3550.06
MW-25	03/29/23	3602.44	50.86	56.48	5.62	3550.46
MW-25	09/14/22	3602.44	47.92	53.66	5.74	3553.37
MW-25	04/06/22	3602.44	NM	NM	NM	NM

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-25	09/07/21	3602.44	50.05	55.05	5.00	3551.39
MW-25	03/30/21	3602.44	49.58	55.03	5.45	3551.77
MW-25	09/15/20	3602.44	49.38	52.09	2.71	3552.52
MW-25	09/01/20	3602.44	49.62	49.95	0.33	3552.75
MW-25	07/15/20	3602.44	48.87	53.91	5.04	3552.56
MW-25	03/16/20	3602.44	45.9	51.72	5.82	3555.38
MW-25	09/16/19	3602.44	45.62	51.49	5.87	3555.65
MW-25	03/20/19	3602.44	45.17	50.96	5.79	3556.11
MW-25	09/17/18	3602.44	45.04	50.71	5.67	3556.27
MW-25	06/04/18	3602.44	44.64	44.95	0.31	3557.74
MW-25	03/19/18	3602.44	44.69	48.67	3.98	3556.95
MW-26	09/21/23	3601.17	47.13	52.47	5.34	3552.97
MW-26	03/29/23	3601.17	46.71	51.92	5.21	3553.42
MW-26	09/12/22	3601.17	46.51	51.76	5.25	3553.61
MW-26	09/07/21	3601.17	46.02	51.33	5.31	3554.09
MW-26	03/30/21	3601.17	45.50	50.79	5.29	3554.61
MW-26	09/15/20	3601.17	44.92	49.49	4.57	3555.34
MW-26	08/31/20	3601.17	44.78	49.95	5.17	3555.36
MW-26	03/16/20	3601.17	44.44	49.89	5.45	3555.64
MW-26	09/16/19	3601.17	44.16	49.75	5.59	3555.89
MW-26	03/20/19	3601.17	43.7	49.33	5.63	3556.34
MW-26	09/17/18	3601.17	43.51	49.16	5.65	3556.53
MW-26	06/04/18	3601.17	43.16	48.75	5.59	3556.89
MW-26	03/19/18	3601.17	42.98	48.24	5.26	3557.14
MW-27	09/21/23	3598.65	44.96	46.13	1.17	3553.46
MW-27	03/29/23	3598.65	44.58	45.42	0.84	3553.90
MW-27	09/12/22	3598.65	44.41	45.16	0.75	3554.09
MW-27	04/05/22	3598.65	44.01	44.05	0.04	3554.63
MW-27	09/07/21	3598.65	43.71	46.03	2.32	3554.48
MW-27	03/30/21	3598.65	43.20	45.37	2.17	3555.02
MW-27	09/15/20	3598.65	42.60	44.23	1.63	3555.72
MW-27	08/31/20	3598.65	42.55	44.10	1.55	3555.79
MW-27	03/16/20	3598.65	47.00	45.50	1.50	3551.95
MW-27	09/16/19	3598.65	41.65	45.86	4.21	3556.16
MW-27	03/20/19	3598.65	41.24	45.23	3.99	3556.61
MW-27	09/17/18	3598.65	41.07	44.68	3.61	3556.86
MW-27	06/04/18	3598.65	40.86	43.42	2.56	3557.28
MW-27	03/19/18	3598.65	40.79	42.47	1.68	3557.52
MW-28	09/21/23	3599.89	--	45.07	--	3554.82
MW-28	03/30/23	3599.89	--	44.64	--	3555.25
MW-28	09/12/22	3599.89	--	44.41	--	3555.48
MW-28	04/05/22	3599.89	--	43.97	--	3555.92
MW-28	09/07/21	3598.89	--	43.95	--	3554.94
MW-28	04/01/21	3598.89	--	43.51	--	3555.38
MW-28	09/15/20	3598.89	--	42.85	--	3556.04
MW-28	03/16/20	3598.89	--	42.46	--	3556.43
MW-28	09/16/19	3598.89	--	42.26	--	3556.63
MW-28	03/20/19	3598.89	--	41.75	--	3557.14
MW-28	09/17/18	3598.89	--	41.55	--	3557.34
MW-28	06/04/18	3598.89	--	41.25	--	3557.64
MW-28	03/19/18	3598.89	--	41.03	--	3557.86
MW-29	09/21/23	3603.19	--	50.85	--	3552.34
MW-29	03/29/23	3603.19	--	50.49	--	3552.70
MW-29	09/12/22	3603.19	--	50.21	--	3552.98
MW-29	04/05/22	3603.19	--	49.81	--	3553.38
MW-29	09/07/21	3602.19	--	49.69	--	3552.50

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-29	04/01/21	3602.19	--	49.21	--	3552.98
MW-29	09/15/20	3602.19	--	48.65	--	3553.54
MW-29	08/31/20	3602.19	--	48.58	--	3553.61
MW-29	03/16/20	3602.19	--	48.27	--	3553.92
MW-29	09/16/19	3602.19	--	48.02	--	3554.17
MW-29	03/20/19	3602.19	--	47.59	--	3554.60
MW-29	09/17/18	3602.19	--	47.35	--	3554.84
MW-29	06/04/18	3602.19	--	47.05	--	3555.14
MW-29	03/19/18	3602.19	--	46.87	--	3555.32
MW-30	09/21/23	3602.68	--	50.18	--	3552.50
MW-30	03/29/23	3602.68	--	49.81	--	3552.87
MW-30	09/12/22	3602.68	--	49.51	--	3553.17
MW-30	04/05/22	3602.68	--	49.12	--	3553.56
MW-30	09/07/21	3601.68	--	49.00	--	3552.68
MW-30	04/01/21	3601.68	--	48.52	--	3553.16
MW-30	09/15/20	3601.68	--	47.98	--	3553.70
MW-30	08/31/20	3601.68	--	47.92	--	3553.76
MW-30	03/16/20	3601.68	--	47.60	--	3554.08
MW-30	09/16/19	3601.68	--	47.35	--	3554.33
MW-30	03/20/19	3601.68	--	46.90	--	3554.78
MW-30	09/17/18	3601.68	--	46.68	--	3555.00
MW-30	06/04/18	3601.68	--	46.40	--	3555.28
MW-30	03/19/18	3601.68	--	45.20	--	3556.48
MW-31	09/21/23	3601.67	--	48.98	--	3552.69
MW-31	03/29/23	3601.67	--	48.64	--	3553.03
MW-31	09/12/22	3601.67	--	48.33	--	3553.34
MW-31	04/05/22	3601.67	--	47.95	--	3553.72
MW-31	09/07/21	3600.67	--	47.81	--	3552.86
MW-31	04/01/21	3600.67	--	47.39	--	3553.28
MW-31	09/15/20	3600.67	--	46.81	--	3553.86
MW-31	08/31/20	3600.67	--	46.77	--	3553.90
MW-31	03/16/20	3600.67	--	46.45	--	3554.22
MW-31	09/16/19	3600.67	--	46.20	--	3554.47
MW-31	03/20/19	3600.67	--	45.75	--	3554.92
MW-31	09/17/18	3600.67	--	45.55	--	3555.12
MW-31	06/04/18	3600.67	--	45.25	--	3555.42
MW-31	03/19/18	3600.67	--	45.06	--	3555.61
MW-32	09/21/23	3601.06	--	48.08	--	3552.98
MW-32	03/29/23	3601.06	--	47.71	--	3553.35
MW-32	09/12/22	3601.06	--	47.44	--	3553.62
MW-32	04/05/22	3601.06	--	47.07	--	3553.99
MW-32	09/07/21	3600.06	--	46.93	--	3553.13
MW-32	04/01/21	3600.06	--	46.50	--	3553.56
MW-32	09/15/20	3600.06	--	45.95	--	3554.11
MW-32	08/31/20	3600.06	--	45.89	--	3554.17
MW-32	03/16/20	3600.06	--	45.58	--	3554.48
MW-32	09/16/19	3600.06	--	45.33	--	3554.73
MW-32	03/20/19	3600.06	--	44.90	--	3555.16
MW-32	09/17/18	3600.06	--	44.70	--	3555.36
MW-32	06/04/18	3600.06	--	44.39	--	3555.67
MW-32	03/19/18	3600.06	--	44.22	--	3555.84
MW-33	09/21/23	3600.74	--	47.57	--	3553.17
MW-33	03/29/23	3600.74	--	47.21	--	3553.53
MW-33	09/12/22	3600.74	--	46.94	--	3553.80
MW-33	04/05/22	3600.74	--	46.58	--	3554.16
MW-33	09/07/21	3599.74	--	46.45	--	3553.29

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-33	04/01/21	3599.74	--	46.03	--	3553.71
MW-33	09/15/20	3599.74	--	45.49	--	3554.25
MW-33	08/31/20	3599.74	--	45.40	--	3554.34
MW-33	03/16/20	3599.74	--	45.12	--	3554.62
MW-33	09/16/19	3599.74	--	44.87	--	3554.87
MW-33	03/20/19	3599.74	--	44.44	--	3555.30
MW-33	09/17/18	3599.74	--	44.23	--	3555.51
MW-33	06/04/18	3599.74	--	43.94	--	3555.80
MW-33	03/19/18	3599.74	--	43.76	--	3555.98
MW-34	09/21/23	3604.07	--	48.23	--	3555.84
MW-34	03/29/23	3604.07	--	47.70	--	3556.37
MW-34	09/12/22	3604.07	--	47.49	--	3556.58
MW-34	04/05/22	3604.07	--	46.96	--	3557.11
MW-34	09/07/21	3603.07	--	47.02	--	3556.05
MW-34	04/01/21	3603.07	--	46.65	--	3556.42
MW-34	09/15/20	3603.07	--	45.79	--	3557.28
MW-34	03/16/20	3603.07	--	45.35	--	3557.72
MW-34	09/16/19	3603.07	--	45.11	--	3557.96
MW-35	03/29/23	3603.17	48.31	52.67	4.36	3553.99
MW-35	09/12/22	3603.17	48.09	52.13	4.04	3554.27
MW-35	04/05/22	3603.17	47.57	51.62	4.05	3554.79
MW-35	09/07/21	3603.17	47.80	50.73	2.93	3554.78
MW-35	03/30/21	3603.17	47.35	49.56	2.21	3555.38
MW-35	09/15/20	3603.17	46.72	47.21	0.49	3556.35
MW-35	03/16/20	3603.17	46.41	47.66	1.25	3556.51
MW-35	09/16/19	3603.17	--	46.29	--	3556.88
MW-36	03/29/23	3603.45	49.82	52.53	2.71	3553.09
MW-36	09/12/22	3603.45	49.6	52.29	2.69	3553.31
MW-36	04/05/22	3603.45	49.08	51.97	2.89	3553.79
MW-36	09/07/21	3603.45	49.07	51.92	2.85	3553.81
MW-36	03/30/21	3603.45	48.52	51.57	3.05	3554.32
MW-36	09/15/20	3603.45	48.07	49.45	1.38	3555.10
MW-36	09/02/20	3603.44	48.21	48.30	0.09	3555.22
MW-36	08/31/20	3603.44	47.87	50.31	2.44	3555.09
MW-36	03/16/20	3603.44	47.44	50.75	3.31	3555.34
MW-36	09/16/19	3603.44	47.32	49.57	2.25	3555.67
MW-37	09/21/23	3604.61	--	51.57	--	3553.04
MW-37	03/29/23	3604.61	--	51.19	--	3553.42
MW-37	09/12/22	3604.61	--	50.91	--	3553.70
MW-37	04/05/22	3604.61	--	50.49	--	3554.12
MW-37	09/07/21	3603.61	--	50.42	--	3553.19
MW-37	04/01/21	3603.61	--	49.92	--	3553.69
MW-37	09/15/20	3603.61	--	49.25	--	3554.36
MW-37	08/31/20	3603.62	--	49.25	--	3554.37
MW-37	03/16/20	3603.62	--	48.92	--	3554.70
MW-37	09/16/19	3603.62	--	48.66	--	3554.96
MW-38	09/21/23	3604.27	--	51.27	--	3553.00
MW-38	03/29/23	3604.27	--	50.85	--	3553.42
MW-38	09/12/22	3604.27	--	50.61	--	3553.66
MW-38	04/05/22	3604.27	--	50.16	--	3554.11
MW-38	09/07/21	3603.27	--	50.13	--	3553.14
MW-38	04/01/21	3603.27	--	49.59	--	3553.68
MW-38	09/15/20	3603.27	--	48.93	--	3554.34
MW-38	08/31/20	3603.27	--	48.90	--	3554.37

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-39	09/21/23	3605.25	--	51.59	--	3553.66
MW-39	03/29/23	3605.25	--	51.12	--	3554.13
MW-39	09/12/22	3605.25	--	50.88	--	3554.37
MW-39	04/05/22	3605.25	--	50.42	--	3554.83
MW-39	09/07/21	3604.25	--	50.41	--	3553.84
MW-39	04/01/21	3604.25	--	49.89	--	3554.36
MW-39	09/15/20	3604.25	--	49.19	--	3555.06
MW-39	08/31/20	3604.25	--	49.14	--	3555.11
RW-1	09/20/23	3604.10	48.95	49.79	0.84	3554.98
RW-1	03/29/23	3604.10	48.61	48.79	0.18	3555.45
RW-1	09/12/22	3604.10	48.30	48.31	0.01	3555.79
RW-1	04/06/22	3604.10	48.83	49.38	0.55	3555.16
RW-1	09/07/21	3604.10	47.81	47.82	0.01	3556.28
RW-1	03/31/21	3603.43	47.45	47.50	0.05	3555.97
RW-1	12/17/20	3603.43	46.99	47.11	0.12	3556.42
RW-1	09/15/20	3602.43	46.73	46.74	0.01	3555.70
RW-1	08/31/20	3602.43	45.52	45.95	0.43	3556.82
RW-1	07/15/20	3602.43	46.29	47.76	1.47	3555.85
RW-1	03/16/20	3602.43	45.57	51.27	5.70	3555.72
RW-1	09/16/19	3602.43	45.78	50.58	4.80	3555.69
RW-1	03/20/19	3602.43	45.93	46.03	0.10	3556.48
RW-1	09/17/18	3602.43	42.91	48.04	5.13	3558.49
RW-1	03/20/18	3602.43	43.33	47.08	3.75	3558.35
RW-1	11/15/17	3602.53	42.64	42.65	0.01	3559.89
RW-1	10/19/17	3602.53	42.54	44.06	1.52	3559.69
RW-1	09/19/17	3602.53	42.40	45.70	3.30	3559.47
RW-1	03/22/17	3602.53	41.75	45.52	3.77	3560.03
RW-1	12/15/16	3602.53	42.10	46.42	4.32	3559.57
RW-1	10/20/16	3602.53	42.05	46.45	4.40	3559.60
RW-1	09/19/16	3602.53	42.92	42.96	0.04	3559.60
RW-1	09/15/16	3602.53	42.92	42.96	0.04	3559.60
RW-1	07/27/16	3602.53	42.87	42.91	0.04	3559.65
RW-1	06/16/16	3602.53	42.39	44.60	2.21	3559.70
RW-1	05/19/16	3602.53	42.55	42.69	0.14	3559.95
RW-1	04/14/16	3602.53	42.38	42.48	0.10	3560.13
RW-1	03/23/16	3602.53	42.30	45.20	2.90	3559.65
RW-1	03/03/16	3602.53	42.09	42.69	0.60	3560.32
RW-1	02/04/16	3602.53	41.50	45.59	4.09	3560.21
RW-1	11/20/15	3602.53	41.71	46.31	4.60	3559.90
RW-1	09/29/15	3602.53	41.78	46.65	4.87	3559.78
RW-1	08/18/15	3602.53	41.83	46.78	4.95	3559.71
RW-1	07/29/15	3602.53	41.87	46.70	4.83	3559.69
RW-1	07/08/15	3602.53	42.56	43.23	0.67	3559.84
RW-1	07/07/15	3602.53	41.99	46.58	4.59	3559.62
RW-1	06/24/15	3602.53	42.28	45.04	2.76	3559.70
RW-1	06/08/15	3602.53	42.65	43.25	0.60	3559.76
RW-1	05/27/15	3602.53	42.04	47.05	5.01	3559.49
RW-1	05/13/15	3602.53	41.96	47.49	5.53	3559.46
RW-1	04/24/15	3602.53	42.50	44.01	1.51	3559.73
RW-1	04/22/15	3602.53	41.86	47.42	5.56	3559.56
RW-1	03/10/15	3602.53	41.73	47.00	5.27	3559.75
RW-1	01/08/15	3602.53	41.62	46.79	5.17	3559.88
RW-1	11/24/14	3602.53	41.77	47.22	5.45	3559.67
RW-1	10/01/14	3602.53	42.01	47.70	5.69	3559.38
RW-1	08/19/14	3602.53	42.32	45.11	2.79	3559.65
RW-1	07/28/14	3602.53	41.94	46.84	4.90	3559.61
RW-1	06/09/14	3602.53	41.98	45.29	3.31	3559.89
RW-1	04/28/14	3602.53	41.73	45.53	3.80	3560.04
RW-1	03/24/14	3602.53	41.48	46.73	5.25	3560.00

Groundwater Elevation Data
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Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-1	03/10/14	3602.53	41.38	46.70	5.32	3560.09
RW-1	02/13/14	3602.53	41.35	46.29	4.94	3560.19
RW-1	01/21/14	3602.53	41.25	46.46	5.21	3560.24
RW-1	11/27/13	3602.53	41.6	44.03	2.43	3560.44
RW-1	10/03/13	3602.53	41.79	42.11	0.32	3560.68
RW-1	09/19/13	3602.53	41.76	41.98	0.22	3560.73
RW-1	08/22/13	3602.53	41.74	42.15	0.41	3560.71
RW-1	07/22/13	3602.53	40.92	46.17	5.25	3560.56
RW-1	07/02/13	3602.53	40.73	46.04	5.31	3560.74
RW-1	06/07/13	3602.53	40.77	46.11	5.34	3560.69
RW-1	05/09/13	3602.53	40.90	44.71	3.81	3560.87
RW-1	03/14/13	3602.53	41.25	41.30	0.05	3561.27
RW-1	02/26/13	3602.53	40.41	45.81	5.40	3561.04
RW-1	12/20/12	3602.53	40.44	44.29	3.85	3561.32
RW-1	11/29/12	3602.53	40.91	41.22	0.31	3561.56
RW-1	11/15/12	3602.53	40.48	43.42	2.94	3561.46
RW-1	09/20/12	3602.53	40.62	40.19	0.43	3562.00
RW-1	04/19/12	3602.53	40.03	42.14	2.11	3562.08
RW-1	03/29/12	3602.53	40.24	40.60	0.36	3562.22
RW-1	02/23/12	3602.53	39.77	42.22	2.45	3562.27
RW-1	01/26/12	3602.53	39.53	42.84	3.31	3562.34
RW-1	01/06/12	3602.53	39.28	43.80	4.52	3562.35
RW-1	11/18/11	3602.53	39.51	41.17	1.66	3562.69
RW-1	10/10/11	3602.53	39.89	43.78	3.89	3561.86
RW-1	09/14/11	3602.53	39.49	39.67	0.18	3563.00
RW-1	08/16/11	3602.53	38.69	43.25	4.56	3562.93
RW-1	08/11/11	3602.53	38.83	42.34	3.51	3563.00
RW-1	08/04/11	3602.53	38.59	43.45	4.86	3562.97
RW-1	07/29/11	3602.53	38.61	43.15	4.54	3563.01
RW-1	02/15/11	3602.53	38.21	39.94	1.73	3563.97
RW-1	02/14/11	3602.53	38.04	40.89	2.85	3563.92
RW-1	02/07/11	3602.53	38.03	40.53	2.50	3564.00
RW-1	01/31/11	3602.53	38.05	40.09	2.04	3564.07
RW-1	01/24/11	3602.53	38.08	39.49	1.41	3564.17
RW-1	01/17/11	3602.53	38.17	38.67	0.50	3564.26
RW-1	01/10/11	3602.53	38.17	38.45	0.28	3564.30
RW-1	01/04/11	3602.53	38.12	38.42	0.30	3564.35
RW-1	01/03/11	3602.53	37.86	39.75	1.89	3564.29
RW-1	12/15/10	3602.53	37.86	38.64	0.78	3564.51
RW-1	12/13/10	3602.53	37.87	38.53	0.66	3564.53
RW-2	09/20/23	3603.04	49.82	50.34	0.52	3553.12
RW-2	03/29/23	3603.04	48.44	48.97	0.53	3554.49
RW-2	09/12/22	3603.04	48.31	48.33	0.02	3554.73
RW-2	04/06/22	3603.04	47.05	47.63	0.58	3555.87
RW-2	09/07/21	3603.04	48.82	48.84	0.02	3554.22
RW-2	03/31/21	3603.04	47.43	47.44	0.01	3555.61
RW-2	12/17/20	3603.04	--	47.99	--	3555.05
RW-2	09/15/20	3602.04	46.70	46.91	0.21	3555.30
RW-2	08/31/20	3602.04	46.58	46.60	0.02	3555.46
RW-2	07/15/20	3602.04	46.44	46.54	0.10	3555.58
RW-2	03/16/20	3602.04	46.72	47.13	0.41	3555.24
RW-2	09/16/19	3602.04	46.44	47.02	0.58	3555.48
RW-2	03/20/19	3602.04	45.91	46.75	0.84	3555.96
RW-2	09/17/18	3602.04	43.60	44.56	0.96	3558.25
RW-2	03/20/18	3602.04	42.81	44.82	2.01	3558.83
RW-2	11/15/17	3602.04	42.76	42.78	0.02	3559.28
RW-2	10/19/17	3602.04	42.69	43.89	1.20	3559.11
RW-2	09/19/17	3602.04	42.68	44.62	1.94	3558.97
RW-2	03/22/17	3602.04	42.00	44.86	2.86	3559.47

Groundwater Elevation Data
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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-2	12/15/16	3602.04	42.71	44.71	2.00	3558.93
RW-2	10/20/16	3602.04	42.48	44.65	2.17	3559.13
RW-2	09/19/16	3602.04	42.63	44.73	2.10	3558.99
RW-2	09/15/16	3602.04	42.63	44.73	2.10	3558.99
RW-2	07/27/16	3602.04	42.62	44.71	2.09	3559.00
RW-2	06/16/16	3602.04	42.47	44.40	1.93	3559.18
RW-2	05/19/16	3602.04	42.35	44.43	2.08	3559.27
RW-2	04/14/16	3602.04	42.10	44.73	2.63	3559.41
RW-2	03/23/16	3602.04	42.02	44.60	2.58	3559.50
RW-2	03/03/16	3602.04	42.09	43.56	1.47	3559.66
RW-2	02/04/16	3602.04	42.04	43.32	1.28	3559.74
RW-2	11/20/15	3602.04	42.04	44.66	2.62	3559.48
RW-2	09/29/15	3602.04	42.21	44.88	2.67	3559.30
RW-2	08/18/15	3602.04	42.28	44.73	2.45	3559.27
RW-2	07/29/15	3602.04	42.40	44.58	2.18	3559.20
RW-2	07/08/15	3602.04	42.71	42.76	0.05	3559.32
RW-2	07/07/15	3602.04	42.38	44.62	2.24	3559.21
RW-2	06/24/15	3602.04	42.42	44.64	2.22	3559.18
RW-2	06/08/15	3602.04	42.59	44.00	1.41	3559.17
RW-2	05/27/15	3602.04	42.50	44.50	2.00	3559.14
RW-2	05/13/15	3602.04	42.72	43.37	0.65	3559.19
RW-2	04/24/15	3602.04	42.33	45.28	2.95	3559.12
RW-2	04/21/15	3602.04	42.21	45.24	3.03	3559.22
RW-2	03/10/15	3602.04	42.05	45.08	3.03	3559.38
RW-2	01/08/15	3602.04	41.96	45.12	3.16	3559.45
RW-2	11/24/14	3602.04	42.2	45.03	2.83	3559.27
RW-2	10/01/14	3602.04	42.01	47.70	5.69	3558.89
RW-2	08/19/14	3602.04	42.32	45.11	2.79	3559.16
RW-2	07/28/14	3602.04	41.94	46.84	4.90	3559.12
RW-2	06/09/14	3602.04	41.98	45.29	3.31	3559.40
RW-2	04/28/14	3602.04	41.73	45.53	3.80	3559.55
RW-2	03/24/14	3602.04	41.48	46.73	5.25	3559.51
RW-2	03/10/14	3602.04	41.38	46.70	5.32	3559.60
RW-2	02/13/14	3602.04	41.35	46.29	4.94	3559.70
RW-2	01/21/14	3602.04	41.25	46.46	5.21	3559.75
RW-2	11/27/13	3602.04	41.42	44.63	3.21	3559.98
RW-2	10/03/13	3602.04	41.32	44.65	3.33	3560.05
RW-2	09/19/13	3602.04	41.32	44.57	3.25	3560.07
RW-2	08/22/13	3602.04	41.59	42.75	1.16	3560.22
RW-2	07/22/13	3602.04	41.49	42.99	1.50	3560.25
RW-2	07/02/13	3602.04	41.43	41.53	0.10	3560.59
RW-2	06/07/13	3602.04	41.52	41.68	0.16	3560.49
RW-2	05/09/13	3602.04	41.44	41.56	0.12	3560.58
RW-2	04/10/13	3602.04	41.30	41.41	0.11	3560.72
RW-2	03/14/13	3602.04	40.68	44.55	3.87	3560.59
RW-2	02/26/13	3602.04	40.60	44.70	4.10	3560.62
RW-2	12/20/12	3602.04	41.00	41.23	0.23	3560.99
RW-2	11/29/12	3602.04	40.94	41.07	0.13	3561.07
RW-2	11/15/12	3602.04	40.59	42.86	2.27	3561.00
RW-2	09/20/12	3602.04	40.02	44.61	4.59	3561.10
RW-2	04/19/12	3602.04	40.33	40.47	0.14	3561.68
RW-2	03/29/12	3602.04	40.26	40.14	0.12	3561.80
RW-2	02/23/12	3602.04	39.78	42.22	2.44	3561.77
RW-2	01/26/12	3602.04	39.46	43.27	3.81	3561.82
RW-2	01/06/12	3602.04	39.19	44.35	5.16	3561.82
RW-2	11/18/11	3602.04	39.04	43.98	4.94	3562.01
RW-2	10/10/11	3602.04	38.96	43.49	4.53	3562.17
RW-2	09/14/11	3602.04	39.52	39.62	0.10	3562.50
RW-2	08/16/11	3602.04	38.90	42.16	3.26	3562.49
RW-2	08/11/11	3602.04	38.78	42.75	3.97	3562.47

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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-2	08/04/11	3602.04	38.80	42.40	3.60	3562.52
RW-2	07/29/11	3602.04	38.86	41.90	3.04	3562.57
RW-2	02/15/11	3602.04	37.98	41.60	3.62	3563.34
RW-2	02/14/11	3602.04	37.82	42.52	4.70	3563.28
RW-2	02/07/11	3602.04	37.78	42.35	4.57	3563.35
RW-2	01/31/11	3602.04	37.78	42.00	4.22	3563.42
RW-2	01/24/11	3602.04	37.72	41.97	4.25	3563.47
RW-2	01/17/11	3602.04	37.84	40.98	3.14	3563.57
RW-2	01/10/11	3602.04	37.72	41.40	3.68	3563.58
RW-2	01/04/11	3602.04	37.62	41.69	4.07	3563.61
RW-2	01/03/11	3602.04	37.61	41.70	4.09	3563.61
RW-2	12/15/10	3602.04	37.55	40.94	3.39	3563.81
RW-2	12/13/10	3602.04	37.55	40.74	3.19	3563.85
RW-3	09/20/23	3601.34	47.84	--	--	DRY
RW-3	03/29/23	3601.34	47.73	48.60	0.87	3553.44
RW-3	09/12/22	3601.34	47.54	48.04	0.50	3553.70
RW-3	04/05/22	3601.34	46.38	47.05	0.67	3554.83
RW-3	09/07/21	3601.34	47.10	47.15	0.05	3554.23
RW-3	03/31/21	3601.34	45.54	45.60	0.06	3555.79
RW-3	12/17/20	3601.34	46.21	46.74	0.53	3555.02
RW-3	09/15/20	3601.34	47.77	51.61	3.84	3552.80
RW-3	08/31/20	3601.34	45.90	45.91	0.01	3555.44
RW-3	07/15/20	3601.34	44.75	44.77	0.02	3556.59
RW-3	03/16/20	3601.34	46.01	46.46	0.45	3555.24
RW-3	09/16/19	3601.34	45.72	46.42	0.70	3555.48
RW-3	03/20/19	3601.34	45.31	45.42	0.11	3556.01
RW-3	09/17/18	3601.34	42.90	44.44	1.54	3558.13
RW-3	03/20/18	3601.34	42.17	44.33	2.16	3558.74
RW-3	11/15/17	3601.34	42.16	42.18	0.02	3559.18
RW-3	10/19/17	3601.34	41.96	44.17	2.21	3558.94
RW-3	09/19/17	3601.34	41.01	44.48	3.47	3559.64
RW-3	03/22/17	3601.34	41.40	44.32	2.92	3559.36
RW-3	12/15/16	3601.34	41.98	44.33	2.35	3558.89
RW-3	10/20/16	3601.34	41.85	44.26	2.41	3559.01
RW-3	09/19/16	3601.34	42.35	43.50	1.15	3558.76
RW-3	09/15/16	3601.34	42.35	43.50	1.15	3558.76
RW-3	07/27/16	3601.34	42.30	43.43	1.13	3558.81
RW-3	06/16/16	3601.34	42.00	43.13	1.13	3559.11
RW-3	05/19/16	3601.34	42.03	42.09	0.06	3559.30
RW-3	04/14/16	3601.34	41.88	41.90	0.02	3559.46
RW-3	03/23/16	3601.34	41.59	42.90	1.31	3559.49
RW-3	03/03/16	3601.34	41.26	44.34	3.08	3559.46
RW-3	02/04/16	3601.34	41.15	44.50	3.35	3559.52
RW-3	11/20/15	3601.34	41.44	44.42	2.98	3559.30
RW-3	09/29/15	3601.34	41.58	44.44	2.86	3559.19
RW-3	08/18/15	3601.34	41.63	44.33	2.70	3559.17
RW-3	07/29/15	3601.34	41.70	44.18	2.48	3559.14
RW-3	07/08/15	3601.34	41.70	44.36	2.66	3559.11
RW-3	07/07/15	3601.34	41.71	44.33	2.62	3559.11
RW-3	06/24/15	3601.34	41.71	44.46	2.75	3559.08
RW-3	06/08/15	3601.34	41.77	44.49	2.72	3559.03
RW-3	05/13/15	3601.34	41.77	44.52	2.75	3559.02
RW-3	04/24/15	3601.34	41.68	44.71	3.03	3559.05
RW-3	04/21/15	3601.34	41.58	44.64	3.06	3559.15
RW-3	03/10/15	3601.34	41.43	44.56	3.13	3559.28
RW-3	01/08/15	3601.34	41.38	44.49	3.11	3559.34
RW-3	11/24/14	3601.34	41.57	44.38	2.81	3559.21
RW-3	10/01/14	3601.34	41.85	44.27	2.42	3559.01
RW-3	08/19/14	3601.34	41.68	44.20	2.52	3559.16

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-3	07/28/14	3601.34	41.62	44.20	2.58	3559.20
RW-3	06/09/14	3601.34	41.81	41.91	0.10	3559.51
RW-3	04/28/14	3601.34	41.69	41.70	0.01	3559.65
RW-3	03/24/14	3601.34	41.6	41.80	0.20	3559.70
RW-3	03/10/14	3601.34	41.45	41.99	0.54	3559.78
RW-3	02/13/14	3601.34	41.27	42.64	1.37	3559.80
RW-3	01/21/14	3601.34	41.37	41.54	0.17	3559.94
RW-3	11/27/13	3601.34	41.25	41.45	0.20	3560.05
RW-3	10/03/13	3601.34	41.18	41.19	0.01	3560.16
RW-3	09/19/13	3601.34	41.16	41.24	0.08	3560.16
RW-3	08/22/13	3601.34	41.10	41.19	0.09	3560.22
RW-3	07/22/13	3601.34	41.05	41.14	0.09	3560.27
RW-3	07/02/13	3601.34	40.79	40.88	0.09	3560.53
RW-3	06/07/13	3601.34	40.89	41.00	0.11	3560.43
RW-3	05/09/13	3601.34	40.77	40.85	0.08	3560.55
RW-3	04/10/13	3601.34	40.68	40.71	0.03	3560.65
RW-3	03/14/13	3601.34	40.61	40.69	0.08	3560.71
RW-3	02/26/13	3601.34	40.25	42.40	2.15	3560.66
RW-3	12/20/12	3601.34	40.38	40.49	0.11	3560.94
RW-3	11/29/12	3601.34	--	40.23	--	3561.11
RW-3	11/15/12	3601.34	39.81	42.98	3.17	3560.90
RW-3	09/20/12	3601.34	39.50	43.33	3.83	3561.07
RW-3	04/19/12	3601.34	39.69	39.73	0.04	3561.64
RW-3	03/29/12	3601.34	39.63	39.65	0.02	3561.71
RW-3	02/23/12	3601.34	39.49	39.51	0.02	3561.85
RW-3	01/26/12	3601.34	39.39	39.41	0.02	3561.95
RW-3	01/06/12	3601.34	39.14	40.34	1.20	3561.96
RW-3	11/18/11	3601.34	39.12	39.26	0.14	3562.19
RW-3	10/10/11	3601.34	38.93	39.39	0.46	3562.32
RW-3	09/14/11	3601.34	38.89	38.90	0.01	3562.45
RW-3	08/16/11	3601.34	38.70	39.15	0.45	3562.55
RW-3	08/11/11	3601.34	38.67	39.17	0.50	3562.57
RW-3	08/04/11	3601.34	38.96	40.07	1.11	3562.16
RW-3	07/29/11	3601.34	38.52	39.61	1.09	3562.60
RW-3	02/15/11	3601.34	37.76	38.76	1.00	3563.38
RW-3	02/14/11	3601.34	37.53	40.09	2.56	3563.30
RW-3	02/07/11	3601.34	37.58	39.69	2.11	3563.34
RW-3	01/31/11	3601.34	37.52	39.43	1.91	3563.44
RW-3	01/24/11	3601.34	37.50	39.24	1.74	3563.49
RW-3	01/17/11	3601.34	37.68	37.82	0.14	3563.63
RW-3	01/10/11	3601.34	37.63	37.91	0.28	3563.65
RW-3	01/04/11	3601.34	37.25	39.75	2.50	3563.59
RW-3	01/03/11	3601.34	37.25	39.78	2.53	3563.58
RW-3	12/15/10	3601.34	37.24	38.70	1.46	3563.81
RW-3	12/13/10	3601.34	37.27	38.42	1.15	3563.84
RW-4	09/20/23	3602.30	50.43	51.86	1.43	3551.58
RW-4	03/29/23	3602.30	50.14	50.17	0.03	3552.15
RW-4	09/12/22	3602.30	49.88	50.12	0.24	3552.37
RW-4	04/06/22	3602.30	47.13	47.15	0.02	3555.17
RW-4	09/07/21	3602.30	48.88	53.00	4.12	3552.60
RW-4	03/31/21	3602.30	48.36	53.63	5.27	3552.89
RW-4	12/17/20	3602.30	47.87	53.40	5.53	3553.32
RW-4	09/15/20	3602.30	47.77	51.61	3.84	3553.76
RW-4	08/31/20	3602.30	47.53	52.64	5.11	3553.75
RW-4	07/15/20	3602.30	47.45	52.85	5.40	3553.77
RW-4	03/16/20	3602.30	43.91	49.69	5.78	3557.23
RW-4	09/16/19	3602.30	43.73	49.11	5.38	3557.49
RW-4	03/20/19	3602.30	43.57	46.32	2.75	3558.18
RW-4	09/17/18	3602.30	43.70	44.33	0.63	3558.47

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-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-4	03/20/18	3602.30	42.94	44.39	1.45	3559.07
RW-4	11/15/17	3602.30	42.78	42.79	0.01	3559.52
RW-4	10/19/17	3602.30	42.74	43.90	1.16	3559.33
RW-4	09/19/17	3602.30	42.85	44.11	1.26	3559.20
RW-4	03/22/17	3602.30	42.12	44.41	2.29	3559.72
RW-4	12/15/16	3602.30	42.81	44.27	1.46	3559.20
RW-4	10/20/16	3602.30	42.63	44.12	1.49	3559.37
RW-4	09/19/16	3602.30	42.89	42.95	0.06	3559.40
RW-4	09/15/16	3602.30	42.89	42.95	0.06	3559.40
RW-4	07/27/16	3602.30	42.83	43.91	1.08	3559.25
RW-4	06/16/16	3602.30	42.61	44.21	1.60	3559.37
RW-4	05/19/16	3602.30	42.48	44.05	1.57	3559.51
RW-4	04/14/16	3602.30	42.50	42.56	0.06	3559.79
RW-4	03/23/16	3602.30	42.43	42.64	0.21	3559.83
RW-4	03/03/16	3602.30	42.34	42.51	0.17	3559.93
RW-4	02/04/16	3602.30	41.74	45.32	3.58	3559.84
RW-4	11/20/15	3602.30	42.16	44.68	2.52	3559.64
RW-4	09/29/15	3602.30	42.33	44.41	2.08	3559.55
RW-4	08/18/15	3602.30	42.42	44.28	1.86	3559.51
RW-4	07/29/15	3602.30	42.44	44.10	1.66	3559.53
RW-4	07/08/15	3602.30	42.73	42.93	0.20	3559.53
RW-4	07/07/15	3602.30	42.78	42.80	0.02	3559.52
RW-4	06/24/15	3602.30	42.59	43.97	1.38	3559.43
RW-4	06/08/15	3602.30	42.85	42.88	0.03	3559.44
RW-4	05/27/15	3602.30	42.68	43.93	1.25	3559.37
RW-4	05/13/15	3602.30	42.88	42.94	0.06	3559.41
RW-4	04/24/15	3602.30	42.59	44.32	1.73	3559.36
RW-4	04/22/15	3602.30	42.26	45.68	3.42	3559.36
RW-4	04/21/15	3602.30	42.18	45.82	3.64	3559.39
RW-4	03/10/15	3602.30	42.11	45.51	3.40	3559.51
RW-4	01/08/15	3602.30	42.14	44.66	2.52	3559.66
RW-4	11/24/14	3602.30	42.40	44.39	1.99	3559.50
RW-4	10/01/14	3602.30	42.72	44.19	1.47	3559.29
RW-4	08/19/14	3602.30	42.79	42.91	0.12	3559.49
RW-4	07/28/14	3602.30	42.61	43.52	0.91	3559.51
RW-4	06/09/14	3602.30	42.23	44.12	1.89	3559.69
RW-4	04/28/14	3602.30	42.39	42.46	0.07	3559.90
RW-4	03/24/14	3602.30	42.2	43.04	0.84	3559.93
RW-4	03/10/14	3602.30	42.07	43.22	1.15	3560.00
RW-4	02/13/14	3602.30	42.17	42.18	0.01	3560.13
RW-4	01/21/14	3602.30	41.73	44.23	2.50	3560.07
RW-4	11/27/13	3602.30	41.9	42.59	0.69	3560.26
RW-4	10/03/13	3602.30	41.50	44.32	2.82	3560.24
RW-4	09/19/13	3602.30	41.46	44.27	2.81	3560.28
RW-4	08/22/13	3602.30	41.45	44.18	2.73	3560.30
RW-4	07/22/13	3602.30	41.75	42.02	0.27	3560.50
RW-4	07/02/13	3602.30	41.17	42.48	1.31	3560.87
RW-4	06/07/13	3602.30	41.62	41.72	0.10	3560.66
RW-4	05/09/13	3602.30	41.18	43.49	2.31	3560.66
RW-4	04/10/13	3602.30	40.90	44.21	3.31	3560.74
RW-4	03/14/13	3602.30	40.79	44.36	3.57	3560.80
RW-4	02/26/13	3602.30	40.75	44.38	3.63	3560.82
RW-4	12/20/12	3602.30	41.05	41.47	0.42	3561.17
RW-4	11/29/12	3602.30	40.86	42.00	1.14	3561.21
RW-4	11/15/12	3602.30	40.45	44.11	3.66	3561.12
RW-4	09/20/12	3602.30	40.76	40.97	0.21	3561.50
RW-4	04/19/12	3602.30	40.11	42.13	2.02	3561.79
RW-4	03/29/12	3602.30	40.34	40.50	0.16	3561.93
RW-4	02/23/12	3602.30	40.21	40.27	0.06	3562.08
RW-4	01/26/12	3602.30	40.08	40.27	0.19	3562.18

Groundwater Elevation Data
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Line NM 1-1
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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-4	01/06/12	3602.30	40.01	40.17	0.16	3562.26
RW-4	11/18/11	3602.30	39.82	39.94	0.12	3562.46
RW-4	10/10/11	3602.30	39.43	41.28	1.85	3562.50
RW-4	09/14/11	3602.30	39.59	39.62	0.03	3562.70
RW-4	08/16/11	3602.30	39.40	39.89	0.49	3562.80
RW-4	08/11/11	3602.30	39.31	40.25	0.94	3562.80
RW-4	08/04/11	3602.30	38.83	42.60	3.77	3562.72
RW-4	07/29/11	3602.30	38.96	41.89	2.93	3562.75
RW-4	02/15/11	3602.30	38.44	39.17	0.73	3563.71
RW-4	02/14/11	3602.30	37.95	42.09	4.14	3563.52
RW-4	02/07/11	3602.30	38.02	41.29	3.27	3563.63
RW-4	01/31/11	3602.30	38.22	39.69	1.47	3563.79
RW-4	01/24/11	3602.30	37.88	41.28	3.40	3563.74
RW-4	01/17/11	3602.30	38.39	38.43	0.04	3563.90
RW-4	01/10/11	3602.30	37.98	40.24	2.26	3563.87
RW-4	01/04/11	3602.30	37.71	41.49	3.78	3563.83
RW-4	01/03/11	3602.30	37.56	42.28	4.72	3563.80
RW-4	12/15/10	3602.30	37.59	40.98	3.39	3564.03
RW-4	12/13/10	3602.30	37.58	40.58	3.00	3564.12
EW-1	09/20/23	3598.57	43.04	--	--	DRY
EW-1	03/29/23	3598.57	42.57	44.46	1.89	3555.62
EW-1	09/12/22	3598.57	--	Dry	--	--
EW-1	04/05/22	3598.57	41.80	44.45	2.65	3556.24
EW-1	09/07/21	3598.57	41.79	44.35	2.56	3556.27
EW-1	03/31/21	3598.57	41.38	44.42	3.04	3556.58
EW-1	09/15/20	3598.57	40.56	--	--	DRY
EW-1	09/01/20	3598.57	40.51	44.44	3.93	3557.27
EW-1	03/16/20	3598.57	40.26	44.42	4.16	3557.48
EW-1	09/16/19	3598.57	40.03	44.49	4.46	3557.65
EW-1	03/20/19	3598.57	39.55	44.45	4.90	3558.04
EW-1	09/17/18	3598.57	39.75	42.36	2.61	3558.30
EW-1	03/20/18	3598.57	38.75	43.83	5.08	3558.80
EW-1	11/15/17	3598.57	38.47	43.05	4.58	3559.18
EW-1	10/19/17	3598.57	38.58	45.22	6.64	3558.66
EW-1	09/19/17	3598.57	38.75	42.85	4.10	3559.00
EW-1	03/22/17	3598.57	38.20	42.36	4.16	3559.54
EW-1	12/15/16	3598.57	38.62	42.82	4.20	3559.11
EW-1	10/20/16	3598.57	38.57	42.82	4.25	3559.15
EW-1	09/19/16	3598.57	39.34	39.51	0.17	3559.20
EW-1	09/15/16	3598.57	39.34	39.51	0.17	3559.20
EW-1	07/27/16	3598.57	39.30	39.45	0.15	3559.24
EW-1	06/16/16	3598.57	38.92	40.53	1.61	3559.33
EW-1	05/19/16	3598.57	38.97	39.48	0.51	3559.50
EW-1	04/14/16	3598.57	38.76	39.45	0.69	3559.67
EW-1	03/23/16	3598.57	38.70	39.50	0.80	3559.71
EW-1	03/03/16	3598.57	38.51	39.61	1.10	3559.84
EW-1	02/04/16	3598.57	38.22	40.81	2.59	3559.83
EW-1	11/20/15	3598.57	38.20	42.76	4.56	3559.46
EW-1	09/29/15	3598.57	38.27	42.95	4.68	3559.36
EW-1	08/18/15	3598.57	38.32	43.03	4.71	3559.31
EW-1	07/29/15	3598.57	38.42	42.63	4.21	3559.31
EW-1	07/08/15	3598.57	39.06	39.24	0.18	3559.47
EW-1	07/07/15	3598.57	39.09	39.64	0.55	3559.37
EW-1	06/24/15	3598.57	38.54	42.37	3.83	3559.26
EW-1	06/08/15	3598.57	38.86	40.89	2.03	3559.30
EW-1	05/13/15	3598.57	39.14	39.41	0.27	3559.38
EW-1	04/24/15	3598.57	39.11	39.41	0.30	3559.40
EW-1	04/22/15	3598.57	38.99	39.54	0.55	3559.47
EW-1	04/21/15	3598.57	38.32	43.56	5.24	3559.20
EW-1	03/10/15	3598.57	38.22	43.15	4.93	3559.36

Groundwater Elevation Data
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Line NM 1-1
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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
EW-1	01/08/15	3598.57	38.14	42.90	4.76	3559.48
EW-1	11/24/14	3598.57	38.26	43.31	5.05	3559.30
EW-1	10/01/14	3598.57	38.58	43.21	4.63	3559.06
EW-1	08/19/14	3598.57	39.09	39.29	0.20	3559.44
EW-1	07/28/14	3598.57	38.83	40.28	1.45	3559.45
EW-1	06/09/14	3598.57	38.89	39.90	1.01	3559.48
EW-1	04/28/14	3598.57	38.44	39.98	1.54	3559.82
EW-1	03/24/14	3598.57	38.37	40.21	1.84	3559.83
EW-1	03/10/14	3598.57	38.3	40.14	1.84	3559.90
EW-1	02/13/14	3598.57	38.5	38.57	0.07	3560.06
EW-1	01/21/14	3598.57	38.24	39.60	1.36	3560.06
EW-1	11/27/13	3597.57	38.12	39.40	1.28	3559.19
EW-1	10/03/13	3598.57	38.15	38.75	0.60	3560.30
EW-1	09/19/13	3598.57	38.15	38.53	0.38	3560.34
EW-1	08/22/13	3598.57	38.10	38.58	0.48	3560.37
EW-1	07/22/13	3598.57	37.88	39.36	1.48	3560.39
EW-1	07/02/13	3598.57	37.41	41.07	3.66	3560.43
EW-1	06/07/13	3598.57	37.42	41.21	3.79	3560.39
EW-1	05/09/13	3598.57	37.33	40.92	3.59	3560.52
EW-1	04/10/13	3598.57	37.18	40.90	3.72	3560.65
EW-1	03/14/13	3598.57	37.11	37.12	0.01	3561.46
EW-1	03/07/13	3598.57	37.19	40.01	2.82	3560.82
EW-1	02/26/13	3598.57	36.83	42.40	5.57	3560.63
EW-1	05/29/12	3598.57	36.14	41.53	5.39	3561.35
EW-1	11/22/02	3598.57	30.65	37.82	7.17	3566.49
EW-1	06/07/02	3598.57	30.73	34.33	3.60	3567.12
EW-2	09/21/23	3597.95	44.74	48.77	4.03	3552.40
EW-2	03/29/23	3597.95	44.34	48.25	3.91	3552.83
EW-2	09/12/22	3597.95	44.02	47.97	3.95	3553.14
EW-2	04/06/22	3597.95	43.62	47.70	4.08	3553.51
EW-2	09/07/21	3597.95	43.51	47.62	4.11	3553.62
EW-2	03/31/21	3597.95	43.01	47.20	4.19	3554.10
EW-2	09/15/20	3597.95	42.40	46.63	4.23	3554.70
EW-2	09/01/20	3597.95	42.38	46.62	4.24	3554.72
EW-2	03/16/20	3597.95	42.05	45.40	3.35	3555.23
EW-2	09/16/19	3597.95	41.82	46.07	4.25	3555.28
EW-2	03/20/19	3597.95	41.41	45.63	4.22	3555.70
EW-2	09/17/18	3597.95	41.12	45.27	4.15	3556.00
EW-2	03/19/18	3597.95	40.58	45.24	4.66	3556.44
EW-2	11/15/17	3597.95	40.20	44.90	4.70	3556.81
EW-2	10/19/17	3597.95	40.46	44.95	4.49	3556.59
EW-2	09/19/17	3597.95	40.50	44.98	4.48	3556.55
EW-2	03/22/17	3597.95	40.09	44.12	4.03	3557.05
EW-2	12/15/16	3597.95	40.47	44.36	3.89	3556.70
EW-2	10/20/16	3597.95	40.31	44.32	4.01	3556.84
EW-2	09/19/16	3597.95	40.39	44.37	3.98	3556.76
EW-2	09/15/16	3597.95	40.39	44.37	3.98	3556.76
EW-2	07/27/16	3597.95	40.35	44.30	3.95	3556.81
EW-2	06/16/16	3597.95	40.23	44.08	3.85	3556.95
EW-2	05/19/16	3597.95	40.17	44.02	3.85	3557.01
EW-2	04/14/16	3597.95	40.05	43.84	3.79	3557.14
EW-2	03/23/16	3597.95	40.00	43.80	3.80	3557.19
EW-2	03/03/16	3597.95	39.93	43.79	3.86	3557.25
EW-2	02/04/16	3597.95	39.92	43.58	3.66	3557.30
EW-2	11/20/15	3597.95	40.12	43.74	3.62	3557.11
EW-2	09/29/15	3597.95	40.17	43.06	2.89	3557.20
EW-2	08/18/15	3597.95	40.14	43.90	3.76	3557.06
EW-2	07/29/15	3597.95	40.10	43.70	3.60	3557.13
EW-2	07/08/15	3597.95	40.15	43.74	3.59	3557.08

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
EW-2	07/07/15	3597.95	40.14	43.74	3.60	3557.09
EW-2	06/08/15	3597.95	40.19	43.76	3.57	3557.05
EW-2	04/22/15	3597.95	39.99	43.54	3.55	3557.25
EW-2	03/10/15	3597.95	NM	NM	NM	NM
EW-2	07/28/14	3597.95	39.89	43.25	3.36	3557.39
EW-2	03/24/14	3597.95	NM	NM	NM	NM
EW-2	05/29/12	3597.95	37.72	41.45	3.73	3559.48
EW-2	04/24/06	3597.95	32.98	33.25	0.27	3564.92
EW-2	06/24/03	3597.95	33.50	33.51	0.01	3564.45
EW-2	06/23/03	3597.95	29.02	33.62	4.60	3568.01
EW-2	04/07/03	3597.95	33.53	35.40	1.87	3564.05
EW-2	04/03/03	3597.95	31.23	33.65	2.42	3566.24
EW-2	03/13/03	3597.95	33.59	33.80	0.21	3564.32
EW-2	12/18/02	3597.95	33.6	33.65	0.05	3564.34
EW-2	11/29/02	3597.95	--	33.83	--	3564.12
EW-2	11/15/02	3597.95	--	33.83	--	3564.12
EW-2	10/25/02	3597.95	--	33.74	--	3564.21
EW-2	10/24/02	3597.95	--	33.73	--	3564.22
EW-2	10/23/02	3597.95	--	33.71	--	3564.24
EW-2	10/03/02	3597.95	--	33.61	--	3564.34
EW-2	09/19/02	3597.95	--	33.60	--	3564.35
IW-2	03/06/18	PLUGGED AND ABANDONED				
IW-2	09/19/17	3597.87	--	39.94	--	3557.93
IW-2	03/22/17	3597.87	--	39.64	--	3558.23
IW-2	09/19/16	3597.87	--	40.19	--	3557.68
IW-2	03/23/16	3597.87	--	39.38	--	3558.49
IW-2	07/29/15	3597.87	--	39.41	--	3558.46
IW-2	03/10/15	3597.87	--	39.52	--	3558.35
IW-2	07/28/14	3597.87	--	39.22	--	3558.65
IW-2	03/24/14	3597.87	--	38.82	--	3559.05
IW-2	07/22/13	3597.87	--	38.25	--	3559.62
IW-2	02/26/13	3597.87	--	37.84	--	3560.03
IW-2	05/29/12	3597.87	--	37.00	--	3560.87
IW-2	10/10/11	3597.87	--	36.19	--	3561.68
IW-2	01/24/11	3597.87	--	35.30	--	3562.57
IW-2	10/25/10	3597.87	--	34.55	--	3563.32
IW-2	07/26/10	3597.87	--	34.91	--	3562.96
IW-2	04/26/10	3597.87	--	35.35	--	3562.52
IW-2	01/25/10	3597.87	--	35.10	--	3562.77
IW-2	10/26/09	3597.87	--	34.89	--	3562.98
IW-2	07/27/09	3597.87	34.69	34.70	0.01	3563.18
IW-2	04/20/09	3597.87	--	34.35	--	3563.52
IW-2	01/19/09	3597.87	34.07	34.08	0.01	3563.80
IW-2	10/21/08	3597.87	--	33.92	--	3563.95
IW-2	07/21/08	3597.87	--	33.60	--	3564.27
IW-2	04/21/08	3597.87	--	33.17	--	3564.70
IW-2	01/28/08	3597.87	32.90	32.91	0.01	3564.97
IW-2	10/22/07	3597.87	--	32.75	--	3565.12
IW-2	07/23/07	3597.87	32.75	32.76	0.01	3565.12
IW-2	04/23/07	3597.87	--	32.50	--	3565.37
IW-2	01/23/07	3597.87	--	32.09	--	3565.78
IW-2	10/23/06	3597.87	34.95	34.96	0.01	3562.92
IW-2	07/24/06	3597.87	--	32.14	--	3565.73
IW-2	04/24/06	3597.87	--	31.69	--	3566.18
IW-2	01/23/06	3597.87	--	31.16	--	3566.71
IW-2	01/11/06	3597.87	--	31.16	--	3566.71
IW-2	01/04/06	3597.87	--	31.14	--	3566.73
IW-2	12/21/05	3597.87	--	31.05	--	3566.82
IW-2	12/12/05	3597.87	--	31.02	--	3566.85

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-2	12/06/05	3597.87	--	30.98	--	3566.89
IW-2	11/22/05	3597.87	--	30.96	--	3566.91
IW-2	11/16/05	3597.87	--	30.98	--	3566.89
IW-2	11/10/05	3597.87	30.94	30.95	0.01	3566.93
IW-2	11/03/05	3597.87	--	30.91	--	3566.96
IW-2	10/19/05	3597.87	30.85	30.87	0.02	3567.02
IW-2	10/17/05	3597.87	--	30.96	--	3566.91
IW-2	07/18/05	3597.87	--	30.84	--	3567.03
IW-2	04/18/05	3597.87	--	30.44	--	3567.43
IW-2	01/24/05	3597.87	--	30.56	--	3567.31
IW-2	10/25/04	3597.87	--	31.92	--	3565.95
IW-2	07/20/04	3597.87	--	33.57	--	3564.30
IW-2	04/19/04	3597.87	--	33.79	--	3564.08
IW-2	01/19/04	3597.87	--	33.65	--	3564.22
IW-2	10/15/03	3597.87	--	33.31	--	3564.56
IW-2	07/14/03	3597.87	--	32.95	--	3564.92
IW-2	06/23/03	3597.87	--	32.88	--	3564.99
IW-2	04/23/03	3597.87	--	32.49	--	3565.38
IW-2	02/26/03	3597.87	--	32.48	--	3565.39
IW-2	01/14/03	3597.87	--	32.41	--	3565.46
IW-2	11/06/02	3597.87	--	32.45	--	3565.42
IW-2	10/25/02	3597.87	--	32.46	--	3565.41
IW-2	08/29/02	3597.87	--	32.23	--	3565.64
IW-2	08/28/02	3597.87	--	32.27	--	3565.60
IW-2	06/08/02	3597.87	--	32.96	--	3564.91
IW-2	06/07/02	3597.87	--	32.99	--	3564.88
IW-2	06/05/02	3597.87	--	32.94	--	3564.93
IW-3	03/06/18	PLUGGED AND ABANDONED				
IW-3	09/19/17	3597.30	--	40.83	--	3556.47
IW-3	03/22/17	3597.30	--	40.54	--	3556.76
IW-3	09/19/16	3597.30	--	41.21	--	3556.09
IW-3	03/23/16	3597.30	--	40.75	--	3556.55
IW-3	07/29/15	3597.30	--	40.29	--	3557.01
IW-3	03/10/15	3597.30	--	40.65	--	3556.65
IW-3	07/28/14	3597.30	--	39.92	--	3557.38
IW-3	03/24/14	3597.30	--	39.55	--	3557.75
IW-3	07/22/13	3597.30	--	39.55	--	3557.75
IW-3	02/26/13	3597.30	--	38.60	--	3558.70
IW-3	05/29/12	3597.30	--	37.84	--	3559.46
IW-3	10/10/11	3597.30	--	37.03	--	3560.27
IW-3	01/24/11	3597.30	--	36.14	--	3561.16
IW-3	10/25/10	3597.30	--	35.40	--	3561.90
IW-3	07/26/10	3597.30	--	35.56	--	3561.74
IW-3	04/26/10	3597.30	--	36.24	--	3561.06
IW-3	01/25/10	3597.30	--	36.00	--	3561.30
IW-3	10/26/09	3597.30	--	35.76	--	3561.54
IW-3	07/27/09	3597.30	--	35.57	--	3561.73
IW-3	04/20/09	3597.30	35.24	35.25	0.01	3562.06
IW-3	01/19/09	3597.30	--	35.00	--	3562.30
IW-3	10/20/08	3597.30	--	34.82	--	3562.48
IW-3	07/21/08	3597.30	--	34.54	--	3562.76
IW-3	04/21/08	3597.30	--	34.18	--	3563.12
IW-3	01/28/08	3597.30	33.89	33.90	0.01	3563.41
IW-3	10/22/07	3597.30	--	33.80	--	3563.50
IW-3	07/23/07	3597.30	--	33.78	--	3563.52
IW-3	04/23/07	3597.30	--	33.50	--	3563.80
IW-3	01/23/07	3597.30	--	33.11	--	3564.19
IW-3	10/23/06	3597.30	33.88	33.89	0.01	3563.42
IW-3	07/24/06	3597.30	33.02	33.04	0.02	3564.28

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-3	04/24/06	3597.30	32.69	32.71	0.02	3564.61
IW-3	01/23/06	3597.30	--	32.46	--	3564.84
IW-3	01/11/06	3597.30	--	32.22	--	3565.08
IW-3	01/04/06	3597.30	--	32.20	--	3565.10
IW-3	12/21/05	3597.30	--	32.12	--	3565.18
IW-3	12/12/05	3597.30	--	32.08	--	3565.22
IW-3	12/06/05	3597.30	--	32.06	--	3565.24
IW-3	11/22/05	3597.30	--	32.03	--	3565.27
IW-3	11/16/05	3597.30	33.03	33.04	0.01	3564.27
IW-3	11/10/05	3597.30	31.99	32.00	0.01	3565.31
IW-3	11/03/05	3597.30	32.00	32.01	0.01	3565.30
IW-3	10/19/05	3597.30	33.90	33.91	0.01	3563.40
IW-3	10/17/05	3597.30	--	31.92	--	3565.38
IW-3	07/18/05	3597.30	--	31.81	--	3565.49
IW-3	04/18/05	3597.30	--	31.37	--	3565.93
IW-3	01/24/05	3597.30	--	31.41	--	3565.89
IW-3	10/25/04	3597.30	--	31.94	--	3565.36
IW-3	07/20/04	3597.30	--	33.99	--	3563.31
IW-3	04/19/04	3597.30	--	34.18	--	3563.12
IW-3	01/19/04	3597.30	--	34.34	--	3562.96
IW-3	10/15/03	3597.30	--	34.05	--	3563.25
IW-3	07/14/03	3597.30	--	33.85	--	3563.45
IW-3	06/23/03	3597.30	--	33.78	--	3563.52
IW-3	04/23/03	3597.30	--	33.28	--	3564.02
IW-3	02/26/03	3597.30	--	33.28	--	3564.02
IW-3	01/14/03	3597.30	--	33.20	--	3564.10
IW-3	11/06/02	3597.30	--	33.23	--	3564.07
IW-3	10/25/02	3597.30	--	33.20	--	3564.10
IW-3	08/29/02	3597.30	--	33.01	--	3564.29
IW-3	08/28/02	3597.30	--	33.02	--	3564.28
IW-3	06/08/02	3597.30	--	32.88	--	3564.42
IW-3	06/07/02	3597.30	--	32.89	--	3564.41
IW-3	06/05/02	3597.30	--	32.85	--	3564.45
IW-4	03/06/18	PLUGGED AND ABANDONED				
IW-4	09/19/17	3596.13	DRY	DRY	DRY	DRY
IW-4	03/22/17	3596.13	DRY	DRY	DRY	DRY
IW-4	09/19/16	3596.13	DRY	DRY	DRY	DRY
IW-4	03/23/16	3596.13	DRY	DRY	DRY	DRY
IW-4	07/29/15	3596.13	DRY	DRY	DRY	DRY
IW-4	03/10/15	3596.13	NM	NM	NM	NM
IW-4	07/28/14	3596.13	DRY	DRY	DRY	DRY
IW-4	03/24/14	3596.13	DRY	DRY	DRY	DRY
IW-4	07/22/13	3596.13	DRY	DRY	DRY	DRY
IW-4	02/26/13	3596.13	DRY	DRY	DRY	DRY
IW-4	05/29/12	3596.13	--	37.22	--	3558.91
IW-4	10/10/11	3596.13	--	36.39	--	3559.74
IW-4	01/24/11	3596.13	--	35.54	--	3560.59
IW-4	10/25/10	3596.13	--	34.75	--	3561.38
IW-4	07/26/10	3596.13	--	35.11	--	3561.02
IW-4	04/26/10	3596.13	--	35.61	--	3560.52
IW-4	01/25/10	3596.13	--	35.37	--	3560.76
IW-4	10/26/09	3596.13	--	35.15	--	3560.98
IW-4	07/27/09	3596.13	--	35.00	--	3561.13
IW-4	04/20/09	3596.13	--	34.67	--	3561.46
IW-4	01/19/09	3596.13	34.39	34.40	0.01	3561.74
IW-4	10/20/08	3596.13	--	34.28	--	3561.85
IW-4	07/21/08	3596.13	--	33.98	--	3562.15
IW-4	04/21/08	3596.13	--	33.59	--	3562.54
IW-4	01/28/08	3596.13	33.27	33.28	0.01	3562.86

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-4	10/22/07	3596.13	33.05	33.07	0.02	3563.08
IW-4	07/23/07	3596.13	33.15	33.21	0.06	3562.97
IW-4	04/23/07	3596.13	32.93	32.96	0.03	3563.19
IW-4	01/23/07	3596.13	--	32.50	--	3563.63
IW-4	10/23/06	3596.13	32.25	32.27	0.02	3563.88
IW-4	07/24/06	3596.13	32.58	32.59	0.01	3563.55
IW-4	04/24/06	3596.13	32.10	32.11	0.01	3564.03
IW-4	01/23/06	3596.13	--	31.63	--	3564.50
IW-4	01/11/06	3596.13	31.57	31.58	0.01	3564.56
IW-4	01/04/06	3596.13	--	31.45	--	3564.68
IW-4	12/21/05	3596.13	--	31.47	--	3564.66
IW-4	12/12/05	3596.13	31.42	31.43	0.01	3564.71
IW-4	12/06/05	3596.13	--	31.39	--	3564.74
IW-4	11/22/05	3596.13	31.24	31.25	0.01	3564.89
IW-4	11/16/05	3596.13	--	31.36	--	3564.77
IW-4	11/10/05	3596.13	--	31.33	--	3564.80
IW-4	11/03/05	3596.13	--	31.22	--	3564.91
IW-4	10/19/05	3596.13	31.23	31.25	0.02	3564.90
IW-4	10/17/05	3596.13	--	31.28	--	3564.85
IW-4	07/18/05	3596.13	--	31.13	--	3565.00
IW-4	04/18/05	3596.13	--	30.60	--	3565.53
IW-4	01/24/05	3596.13	--	30.59	--	3565.54
IW-4	10/25/04	3596.13	--	32.10	--	3564.03
IW-4	07/20/04	3596.13	--	33.60	--	3562.53
IW-4	04/19/04	3596.13	--	33.85	--	3562.28
IW-4	01/19/04	3596.13	--	33.79	--	3562.34
IW-4	10/15/03	3596.13	--	33.49	--	3562.64
IW-4	07/14/03	3596.13	--	32.45	--	3563.68
IW-4	06/23/03	3596.13	--	33.03	--	3563.10
IW-4	04/23/03	3596.13	--	32.74	--	3563.39
IW-4	02/26/03	3596.13	--	32.71	--	3563.42
IW-4	01/14/03	3596.13	--	32.63	--	3563.50
IW-4	11/06/02	3596.13	--	32.68	--	3563.45
IW-4	10/25/02	3596.13	--	32.62	--	3563.51
IW-4	08/29/02	3596.13	--	32.41	--	3563.72
IW-4	08/28/02	3596.13	--	32.45	--	3563.68
IW-4	06/08/02	3596.13	--	32.17	--	3563.96
IW-4	06/07/02	3596.13	--	32.14	--	3563.99
IW-4	06/05/02	3596.13	--	32.12	--	3564.01
IW-5	03/06/18	PLUGGED AND ABANDONED				
IW-5	09/19/17	3599.89	DRY	DRY	DRY	DRY
IW-5	03/22/17	3599.89	DRY	DRY	DRY	DRY
IW-5	09/19/16	3599.89	DRY	DRY	DRY	DRY
IW-5	03/23/16	3599.89	DRY	DRY	DRY	DRY
IW-5	07/29/15	3599.89	DRY	DRY	DRY	DRY
IW-5	03/10/15	3599.89	NM	NM	NM	NM
IW-5	07/28/14	3599.89	DRY	DRY	DRY	DRY
IW-5	03/24/14	3599.89	NM	NM	NM	NM
IW-5	05/29/12	3599.89	--	41.75	--	3558.14
IW-5	10/10/11	3599.89	--	40.94	--	3558.95
IW-5	01/24/11	3599.89	--	39.97	--	3559.92
IW-5	10/25/10	3599.89	--	39.25	--	3560.64
IW-5	07/26/10	3599.89	--	39.59	--	3560.30
IW-5	04/26/10	3599.89	--	40.19	--	3559.70
IW-5	01/25/10	3599.89	--	39.91	--	3559.98
IW-5	10/26/09	3599.89	--	39.68	--	3560.21
IW-5	07/27/09	3599.89	--	39.55	--	3560.34
IW-5	04/20/09	3599.89	39.19	39.20	0.01	3560.70
IW-5	01/19/09	3599.89	38.92	38.93	0.01	3560.97

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-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-5	10/20/08	3599.89	--	38.82	--	3561.07
IW-5	07/21/08	3599.89	--	38.55	--	3561.34
IW-5	04/21/08	3599.89	--	38.14	--	3561.75
IW-5	01/28/08	3599.89	37.80	37.81	0.01	3562.09
IW-5	10/22/07	3599.89	37.50	37.50	0.00	3562.39
IW-5	07/23/07	3599.89	37.70	37.70	0.00	3562.19
IW-5	04/23/07	3599.89	37.51	37.51	0.00	3562.38
IW-5	01/23/07	3599.89	--	37.02	--	3562.87
IW-5	10/23/06	3599.89	36.75	36.76	0.01	3563.14
IW-5	07/24/06	3599.89	37.20	37.21	0.01	3562.69
IW-5	04/24/06	3599.89	--	36.68	--	3563.21
IW-5	01/23/06	3599.89	34.10	34.13	0.03	3565.78
IW-5	01/11/06	3599.89	--	36.09	--	3563.80
IW-5	01/04/06	3599.89	--	36.04	--	3563.85
IW-5	12/21/05	3599.89	--	35.95	--	3563.94
IW-5	12/12/05	3599.89	--	35.91	--	3563.98
IW-5	12/06/05	3599.89	--	35.86	--	3564.03
IW-5	11/22/05	3599.89	35.80	35.81	0.01	3564.09
IW-5	11/16/05	3599.89	--	35.82	--	3564.07
IW-5	11/10/05	3599.89	--	35.79	--	3564.10
IW-5	11/03/05	3599.89	--	37.78	--	3562.11
IW-5	10/19/05	3599.89	34.73	34.75	0.02	3565.16
IW-5	10/17/05	3599.89	--	35.78	--	3564.11
IW-5	07/18/05	3599.89	--	35.66	--	3564.23
IW-5	04/18/05	3599.89	--	34.98	--	3564.91
IW-5	01/24/05	3599.89	--	34.91	--	3564.98
IW-5	10/25/04	3599.89	--	36.86	--	3563.03
IW-5	07/20/04	3599.89	--	38.24	--	3561.65
IW-5	04/19/04	3599.89	--	38.46	--	3561.43
IW-5	01/19/04	3599.89	--	38.29	--	3561.60
IW-5	10/15/03	3599.89	--	36.94	--	3562.95
IW-5	07/14/03	3599.89	--	37.61	--	3562.28
IW-5	06/23/03	3599.89	--	37.60	--	3562.29
IW-5	04/23/03	3599.89	--	37.26	--	3562.63
IW-5	02/26/03	3599.89	--	37.25	--	3562.64
IW-5	01/14/03	3599.89	--	37.15	--	3562.74
IW-5	11/06/02	3599.89	--	37.19	--	3562.70
IW-5	10/25/02	3599.89	--	37.22	--	3562.67
IW-5	08/29/02	3599.89	--	37.06	--	3562.83
IW-5	08/28/02	3599.89	--	37.01	--	3562.88
IW-5	06/08/02	3599.89	--	36.83	--	3563.06
IW-5	06/07/02	3599.89	--	36.83	--	3563.06
IW-5	06/05/02	3599.89	--	36.85	--	3563.04
IW-6	03/06/18	PLUGGED AND ABANDONED				
IW-6	09/19/17	3599.71	DRY	DRY	DRY	DRY
IW-6	03/22/17	3599.71	DRY	DRY	DRY	DRY
IW-6	09/19/16	3599.71	NM	NM	NM	NM
IW-6	03/23/16	3599.71	NM	NM	NM	NM
IW-6	07/29/15	3599.71	NM	NM	NM	NM
IW-6	03/10/15	3599.71	NM	NM	NM	NM
IW-6	07/28/14	3599.71	DRY	DRY	DRY	DRY
IW-6	03/24/14	3599.71	DRY	DRY	DRY	DRY
IW-6	07/22/13	3599.71	DRY	DRY	DRY	DRY
IW-6	02/26/13	3599.71	DRY	DRY	DRY	DRY
IW-6	05/29/12	3599.71	DRY	DRY	DRY	DRY
IW-6	10/10/11	3599.71	DRY	DRY	DRY	DRY
IW-6	01/24/11	3599.71	DRY	DRY	DRY	DRY
IW-6	10/25/10	3599.71	DRY	DRY	DRY	DRY
IW-6	07/26/10	3599.71	DRY	DRY	DRY	DRY

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-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-6	01/25/10	3599.71	DRY	DRY	DRY	DRY
IW-6	10/26/09	3599.71	DRY	DRY	DRY	DRY
IW-6	07/27/09	3599.71	DRY	DRY	DRY	DRY
IW-6	04/20/09	3599.71	DRY	DRY	DRY	DRY
IW-6	01/19/09	3599.71	DRY	DRY	DRY	DRY
IW-6	10/20/08	3599.71	DRY	DRY	DRY	DRY
IW-6	07/21/08	3599.71	DRY	DRY	DRY	DRY
IW-6	04/21/08	3599.71	DRY	DRY	DRY	DRY
IW-6	01/28/08	3599.71	37.05	37.07	0.02	3562.66
IW-6	10/22/07	3599.71	--	36.52	--	3563.19
IW-6	07/23/07	3599.71	36.97	36.96	0.01	3562.74
IW-6	04/23/07	3599.71	36.84	36.83	0.01	3562.87
IW-6	01/23/07	3599.71	36.25	36.26	0.01	3563.46
IW-6	10/23/06	3599.71	35.85	35.86	0.01	3563.86
IW-6	07/24/06	3599.71	--	36.62	--	3563.09
IW-6	04/24/06	3599.71	36.03	36.04	0.01	3563.68
IW-6	01/23/06	3599.71	--	35.36	--	3564.35
IW-6	01/11/06	3599.71	--	35.31	--	3564.40
IW-6	01/04/06	3599.71	--	35.27	--	3564.44
IW-6	12/21/05	3599.71	--	35.15	--	3564.56
IW-6	12/12/05	3599.71	--	35.06	--	3564.65
IW-6	12/06/05	3599.71	--	34.99	--	3564.72
IW-6	11/22/05	3599.71	--	34.89	--	3564.82
IW-6	11/16/05	3599.71	--	34.91	--	3564.80
IW-6	11/10/05	3599.71	--	34.86	--	3564.85
IW-6	11/03/05	3599.71	--	34.84	--	3564.87
IW-6	10/19/05	3599.71	34.85	34.86	0.01	3564.86
IW-6	10/17/05	3599.71	--	34.86	--	3564.85
IW-6	07/18/05	3599.71	--	34.88	--	3564.83
IW-6	04/18/05	3599.71	--	33.93	--	3565.78
IW-6	01/24/05	3599.71	--	33.54	--	3566.17
IW-6	10/25/04	3599.71	--	35.57	--	3564.14
IW-6	07/20/04	3599.71	--	37.67	--	3562.04
IW-6	04/19/04	3599.71	--	37.93	--	3561.78
IW-6	01/19/04	3599.71	--	37.90	--	3561.81
IW-6	10/15/03	3599.71	--	36.74	--	3562.97
IW-6	07/14/03	3599.71	--	37.21	--	3562.50
IW-6	06/23/03	3599.71	--	37.15	--	3562.56
IW-6	04/23/03	3599.71	--	36.52	--	3563.19
IW-6	02/26/03	3599.71	--	36.50	--	3563.21
IW-6	01/14/03	3599.71	--	36.56	--	3563.15
IW-6	11/06/02	3599.71	--	36.68	--	3563.03
IW-6	10/25/02	3599.71	--	36.75	--	3562.96
IW-6	08/29/02	3599.71	--	36.52	--	3563.19
IW-6	08/28/02	3599.71	--	36.54	--	3563.17
IW-6	06/08/02	3599.71	--	36.48	--	3563.23
IW-6	06/07/02	3599.71	--	36.48	--	3563.23
IW-6	06/05/02	3599.71	--	36.45	--	3563.26
IW-7	03/06/18	PLUGGED AND ABANDONED				
IW-7	09/19/17	3601.64	DRY	DRY	DRY	DRY
IW-7	03/22/17	3601.64	DRY	DRY	DRY	DRY
IW-7	09/19/16	3600.64	DRY	DRY	DRY	DRY
IW-7	03/23/16	3601.64	DRY	DRY	DRY	DRY
IW-7	07/29/15	3600.64	DRY	DRY	DRY	DRY
IW-7	03/10/15	3601.64	DRY	DRY	DRY	DRY
IW-7	07/28/14	3600.64	DRY	DRY	DRY	DRY
IW-7	03/24/14	3600.64	DRY	DRY	DRY	DRY
IW-7	07/22/13	3600.64	DRY	DRY	DRY	DRY
IW-7	02/26/13	3600.64	DRY	DRY	DRY	DRY

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-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-7	05/29/12	3600.64	--	40.31	--	3560.33
IW-7	10/10/11	3600.64	--	39.81	--	3560.83
IW-7	01/24/11	3600.64	--	38.58	--	3562.06
IW-7	10/25/10	3600.64	--	37.65	--	3562.99
IW-7	07/26/10	3600.64	--	38.07	--	3562.57
IW-7	04/26/10	3600.64	--	38.89	--	3561.75
IW-7	01/25/10	3600.64	--	38.66	--	3561.98
IW-7	10/26/09	3600.64	--	38.37	--	3562.27
IW-7	07/27/09	3600.64	--	38.35	--	3562.29
IW-7	04/20/09	3600.64	37.97	37.98	0.01	3562.67
IW-7	01/19/09	3600.64	37.61	37.62	0.01	3563.03
IW-7	10/20/08	3600.64	--	37.47	--	3563.17
IW-7	07/21/08	3600.64	--	37.35	--	3563.29
IW-7	04/21/08	3600.64	--	36.83	--	3563.81
IW-7	01/28/08	3600.64	36.30	36.33	0.03	3564.33
IW-7	10/22/07	3600.64	--	35.60	--	3565.04
IW-7	07/23/07	3600.64	36.18	36.17	0.01	3564.46
IW-7	04/23/07	3600.64	36.14	36.13	0.01	3564.50
IW-7	01/23/07	3600.64	35.47	35.49	0.02	3565.17
IW-7	10/23/06	3600.64	--	34.97	--	3565.67
IW-7	07/24/06	3600.64	35.97	36.00	0.03	3564.66
IW-7	04/24/06	3600.64	35.37	35.42	0.05	3565.26
IW-7	01/23/06	3600.64	34.66	34.72	0.06	3565.97
IW-7	01/11/06	3600.64	34.56	34.59	0.03	3566.07
IW-7	01/04/06	3600.64	34.52	34.56	0.04	3566.11
IW-7	12/21/05	3600.64	34.37	34.40	0.03	3566.26
IW-7	12/12/05	3600.64	34.26	34.29	0.03	3566.37
IW-7	12/06/05	3600.64	--	35.05	--	3565.59
IW-7	11/29/05	3600.64	--	34.15	--	3566.49
IW-7	11/22/05	3600.64	--	34.03	--	3566.61
IW-7	11/16/05	3600.64	--	34.05	--	3566.59
IW-7	11/10/05	3600.64	33.97	33.98	0.01	3566.67
IW-7	11/03/05	3600.64	--	33.95	--	3566.69
IW-7	10/19/05	3600.64	33.95	33.96	0.01	3566.69
IW-7	10/17/05	3600.64	--	33.99	--	3566.65
IW-7	07/18/05	3600.64	--	34.15	--	3566.49
IW-7	04/18/05	3600.64	--	33.07	--	3567.57
IW-7	01/24/05	3600.64	--	32.36	--	3568.28
IW-7	10/25/04	3600.64	--	34.00	--	3566.64
IW-7	07/20/04	3600.64	--	37.06	--	3563.58
IW-7	04/19/04	3600.64	--	37.36	--	3563.28
IW-7	01/19/04	3600.64	--	37.50	--	3563.14
IW-7	10/15/03	3600.64	--	36.86	--	3563.78
IW-7	07/14/03	3600.64	--	36.75	--	3563.89
IW-7	06/23/03	3600.64	--	36.66	--	3563.98
IW-7	04/23/03	3600.64	--	35.90	--	3564.74
IW-7	02/26/03	3600.64	--	35.42	--	3565.22
IW-7	01/14/03	3600.64	--	35.95	--	3564.69
IW-7	11/06/02	3600.64	--	35.94	--	3564.70
IW-7	10/25/02	3600.64	--	36.25	--	3564.39
IW-7	08/29/02	3600.64	--	36.07	--	3564.57
IW-7	08/28/02	3600.64	--	36.03	--	3564.61
IW-7	06/08/02	3600.64	--	35.81	--	3564.83
IW-7	06/07/02	3600.64	--	35.77	--	3564.87
IW-7	06/05/02	3600.64	--	35.70	--	3564.94

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MP-1	03/06/18	PLUGGED AND ABANDONED				
MP-1	09/19/17	3601.87	NM	NM	NM	NM
MP-1	03/22/17	3601.87	--	22.97	--	3578.90
MP-1	05/29/12	3601.87	--	22.95	--	3578.92
MP-1	04/24/06	3601.87	--	22.93	--	3578.94
MP-1	01/23/06	3601.87	DRY	DRY	DRY	DRY
MP-1	10/17/05	3601.87	DRY	DRY	DRY	DRY
MP-1	07/18/05	3601.87	DRY	DRY	DRY	DRY
MP-1	04/18/05	3601.87	DRY	DRY	DRY	DRY
MP-1	01/24/05	3601.87	DRY	DRY	DRY	DRY
MP-1	10/25/04	3601.87	DRY	DRY	DRY	DRY
MP-1	12/11/01	3601.87	NM	NM	NM	NM
MP-1	09/25/01	3601.87	NM	NM	NM	NM
MP-1	06/25/01	3601.87	NM	NM	NM	NM
MP-1	02/27/01	3601.87	NM	NM	NM	NM
MP-2	03/06/18	PLUGGED AND ABANDONED				
MP-2	09/19/17	3601.87	NM	NM	NM	NM
MP-2	03/22/17	3601.87	DRY	DRY	DRY	DRY
MP-2	12/11/01	3601.87	NM	NM	NM	NM
MP-2	09/25/01	3601.87	NM	NM	NM	NM
MP-2	06/25/01	3601.87	33.15	37.66	4.51	3567.82
MP-2	02/27/01	3601.87	NM	NM	NM	NM
SV-1	03/06/18	PLUGGED AND ABANDONED				
SV-1	09/19/17	3602.16	NM	NM	NM	NM
SV-1	03/22/17	3602.16	--	23.01	--	3579.15
SV-1	05/29/12	3602.16	--	22.97	--	3579.19
SV-1	01/23/06	3602.16	DRY	DRY	DRY	DRY
SV-1	10/17/05	3602.16	DRY	DRY	DRY	DRY
SV-1	07/18/05	3602.16	DRY	DRY	DRY	DRY
SV-1	04/18/05	3602.16	DRY	DRY	DRY	DRY
SV-1	01/24/05	3602.16	DRY	DRY	DRY	DRY
SV-1	10/25/04	3602.16	DRY	DRY	DRY	DRY
SV-1	12/11/01	3602.16	NM	NM	NM	NM
SV-1	09/25/01	3602.16	NM	NM	NM	NM
SV-1	06/25/01	3602.16	NM	NM	NM	NM
SV-1	02/27/01	3602.16	NM	NM	NM	NM
SVE-1	03/06/18	PLUGGED AND ABANDONED				
SVE-1	09/19/17	3599.68	DRY	DRY	DRY	DRY
SVE-1	03/22/17	3599.68	DRY	DRY	DRY	DRY
SVE-1	09/19/16	3598.68	DRY	DRY	DRY	DRY
SVE-1	03/23/16	3599.68	DRY	DRY	DRY	DRY
SVE-1	07/29/15	3598.68	DRY	DRY	DRY	DRY
SVE-1	03/10/15	3599.68	DRY	DRY	DRY	DRY
SVE-1	07/28/14	3598.68	DRY	DRY	DRY	DRY
SVE-1	03/24/14	3598.68	DRY	DRY	DRY	DRY
SVE-1	07/22/13	3598.68	DRY	DRY	DRY	DRY
SVE-1	02/26/13	3598.68	DRY	DRY	DRY	DRY
SVE-1	05/29/12	3598.68	DRY	DRY	DRY	DRY
SVE-1	01/24/11	3598.68	--	35.34	--	3563.34
SVE-1	10/25/10	3598.68	--	34.47	--	3564.21
SVE-1	07/26/10	3598.68	--	34.70	--	3563.98
SVE-1	04/26/10	3598.68	--	35.54	--	3563.14
SVE-1	01/25/10	3598.68	--	35.30	--	3563.38
SVE-1	10/26/09	3598.68	--	35.03	--	3563.65
SVE-1	07/27/09	3598.68	--	34.98	--	3563.70
SVE-1	04/20/09	3598.68	--	34.59	--	3564.09
SVE-1	01/19/09	3598.68	--	34.25	--	3564.43
SVE-1	10/21/08	3598.68	--	34.14	--	3564.54

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
SVE-1	07/21/08	3598.68	--	33.87	--	3564.81
SVE-1	04/21/08	3598.68	--	33.38	--	3565.30
SVE-1	01/28/08	3598.68	32.95	32.96	0.01	3565.73
SVE-1	10/22/07	3598.68	32.66	32.67	0.01	3566.02
SVE-1	07/23/07	3598.68	--	32.86	--	3565.82
SVE-1	04/23/07	3598.68	--	32.70	--	3565.98
SVE-1	01/23/07	3598.68	--	32.17	--	3566.51
SVE-1	10/23/06	3598.68	--	31.95	--	3566.73
SVE-1	07/24/06	3598.68	--	32.44	--	3566.24
SVE-1	04/24/06	3598.68	--	31.88	--	3566.80
SVE-1	01/23/06	3598.68	--	31.17	--	3567.51
SVE-1	01/04/06	3598.68	--	31.22	--	3567.46
SVE-1	12/21/05	3598.68	--	31.12	--	3567.56
SVE-1	12/12/05	3598.68	--	31.06	--	3567.62
SVE-1	12/06/05	3598.68	--	31.00	--	3567.68
SVE-1	11/22/05	3598.68	--	30.94	--	3567.74
SVE-1	11/16/05	3598.68	--	29.70	--	3568.98
SVE-1	11/10/05	3598.68	--	30.92	--	3567.76
SVE-1	11/03/05	3598.68	30.90	30.91	0.01	3567.78
SVE-1	10/17/05	3598.68	--	30.88	--	3567.80
SVE-1	07/18/05	3598.68	--	30.86	--	3567.82
SVE-1	04/18/05	3598.68	--	30.24	--	3568.44
SVE-1	01/24/05	3598.68	--	30.01	--	3568.67
SVE-1	10/25/04	3598.68	--	31.74	--	3566.94
SVE-1	07/20/04	3598.68	--	33.75	--	3564.93
SVE-1	04/19/04	3598.68	--	34.00	--	3564.68
SVE-1	01/19/04	3598.68	--	34.04	--	3564.64
SVE-1	10/15/03	3598.68	--	33.56	--	3565.12
SVE-1	07/14/03	3598.68	--	33.31	--	3565.37
SVE-1	06/23/03	3598.68	--	33.21	--	3565.47
SVE-1	04/23/03	3598.68	--	32.91	--	3565.77
SVE-1	04/11/03	3598.68	--	32.89	--	3565.79
SVE-1	04/07/03	3598.68	--	32.90	--	3565.78
SVE-1	04/03/03	3598.68	--	32.78	--	3565.90
SVE-1	03/14/03	3598.68	--	32.79	--	3565.89
SVE-1	02/28/03	3598.68	--	32.80	--	3565.88
SVE-1	02/27/03	3598.68	--	32.80	--	3565.88
SVE-1	02/26/03	3598.68	--	32.80	--	3565.88
SVE-1	02/25/03	3598.68	--	32.79	--	3565.89
SVE-1	02/24/03	3598.68	--	32.78	--	3565.90
SVE-1	01/14/03	3598.68	--	32.61	--	3566.07
SVE-1	12/18/02	3598.68	--	32.82	--	3565.86
SVE-1	11/29/02	3598.68	--	32.73	--	3565.95
SVE-1	11/22/02	3598.68	--	32.75	--	3565.93
SVE-1	11/06/02	3598.68	--	32.80	--	3565.88
SVE-1	10/25/02	3598.68	--	32.60	--	3566.08
SVE-1	08/29/02	3598.68	--	32.60	--	3566.08
SVE-1	08/28/02	3598.68	--	32.63	--	3566.05
SVE-2 (SV-2)	03/06/18	PLUGGED AND ABANDONED				
SVE-2 (SV-2)	09/19/17	3601.17	NM	NM	NM	NM
SVE-2 (SV-2)	03/22/17	3601.17	DRY	DRY	DRY	DRY
SVE-2 (SV-2)	04/24/06	3601.17	35.17	39.90	4.73	3565.05
SVE-2 (SV-2)	01/23/06	3601.17	34.58	35.71	1.13	3566.36
SVE-2 (SV-2)	10/17/05	3601.17	34.14	34.86	0.72	3566.89
SVE-2 (SV-2)	07/18/05	3601.17	34.17	35.27	1.10	3566.78
SVE-2 (SV-2)	04/18/05	3601.17	33.45	34.29	0.84	3567.55
SVE-2 (SV-2)	11/05/03	3601.17	35.02	--	--	--
SVE-2 (SV-2)	04/21/03	3601.17	35.65	39.33	3.68	3564.78
SVE-2 (SV-2)	11/05/02	3601.17	35.58	39.06	3.48	3564.89

Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
SVE-2 (SV-2)	12/11/01	3601.17	33.74	37.69	3.95	3566.64
SVE-2 (SV-2)	09/25/01	3601.17	33.46	37.75	4.29	3566.85
SVE-2 (SV-2)	06/25/01	3601.17	32.67	37.28	4.61	3567.58
SVE-2 (SV-2)	02/27/01	3601.17	32.06	37.03	4.97	3568.12
SVE-5	03/06/18	PLUGGED AND ABANDONED				
SVE-5	09/19/17	3600.54	NM	NM	NM	NM
SVE-5	03/22/17	3600.54	DRY	DRY	DRY	DRY
SVE-5	04/22/15	3600.54	DRY	DRY	DRY	DRY
SVE-5	05/29/12	3600.54	DRY	DRY	DRY	DRY
SVE-5	04/24/06	3600.54	26.41	26.42	0.01	3574.13
SVE-5	01/23/06	3600.54	DRY	DRY	DRY	DRY
SVE-5	12/12/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	12/06/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/29/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/22/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/16/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/10/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/03/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	10/17/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	09/29/05	3600.54	--	34.41	--	3566.13
SVE-5	07/18/05	3600.54	34.18	35.71	1.53	3566.05
SVE-5	04/18/05	3600.54	33.67	33.84	0.17	3566.84
SVE-5	01/24/05	3600.54	33.38	33.50	0.12	3567.14
SVE-5	10/25/04	3600.54	35.20	35.23	0.03	3565.33
SVE-5	07/20/04	3600.54	36.66	40.32	3.66	3563.15
SVE-5	04/19/04	3600.54	36.87	40.56	3.69	3562.93
SVE-5	01/19/04	3600.54	36.81	39.84	3.03	3563.12
SVE-5	11/05/03	3600.54	36.54	40.58	4.04	3563.19
SVE-5	02/26/03	3600.54	30.54	36.30	5.76	3568.85
SVE-5	11/22/02	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/07/02	3600.54	35.57	40.80	5.23	3563.92
SVE-5	10/25/02	3600.54	35.92	38.82	2.90	3564.04

Notes:
ft - feet
ft-bgs - feet below ground surface
ft-amsl = feet above mean sea level
LNAPL = Light non-aqueous phase liquid
-- = not detected
DRY = indicates well was observed dry during gauging
NM = not measured
Groundwater elevations in wells containing LNAPL were corrected with an assumption of specific gravity for LNAPL of 0.80.
Data from April-July 2011 is missing due to transition of the Site from Tetra Tech to GHD

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (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	07/16/99	0.0036	0.0027	0.0013	0.00050	0.0081	<2.0	<2.0
MW-2	10/20/99	0.0042	0.0025	0.0013	0.0013	0.0093	<2.0	<2.0
MW-2	01/13/00	0.0019	0.00050	<0.005	<0.005	0.0024	<2.0	<2.0
MW-2	04/06/00	0.0043	0.0041	0.0014	<0.002	0.0098	<1.0	<1.0
MW-2	08/01/00	0.0017	0.0015	0.00072	<0.002	0.0039	<1.0	<1.0
MW-2	11/15/00	**0.052**	0.036	0.0078	0.0094	0.11	0.64	<0.52
MW-2	03/06/01	0.0073	0.0050	0.0014	0.0021	0.016	0.14	<0.56
MW-2	06/26/01	0.0049	0.0032	0.0010	<0.002	0.0091	0.18	<0.56
MW-2	09/25/01	**0.018**	0.0074	0.0014	0.0021	0.029	0.20	<0.56
MW-2	12/12/01	0.0036	0.0029	<0.001	0.0016	0.0081	<0.10	0.12
MW-2	05/20/02	0.0037	0.0020	<0.001	0.0018	0.0075	<0.10	0.12
MW-2	03/24/17	<0.005	<0.005	<0.005	<0.015	<0.015	<0.50	2.2
MW-3	07/16/99	<0.005	<0.005	<0.005	<0.005	<0.005	<2.0	<2.0
MW-3	10/20/99	0.0026	0.0010	<0.005	<0.005	0.0036	<2.0	<2.0
MW-3	01/13/00	**0.020**	0.016	0.0092	0.020	0.065	<2.0	<2.0
MW-3	04/06/00	**3.8**	**3.8**	**0.91**	**1.10**	9.61	<1.0	<1.0
MW-4	07/16/99	**0.72**	**1.1**	0.26	0.28	2.36	3.0	3.0
MW-4	03/10/15	**0.0191**	<0.001	0.0197	<0.003	**0.0388**	2.2	427
MW-4	03/24/16	**0.0349**	0.0019	0.0910	0.0699	0.1977	2.4	226
MW-8	07/28/14	**5.4**	0.11	**1.3**	0.17	6.98	16.4	171
MW-8	03/24/16	**9.02**	**0.17**	**2.47**	**1.68**	13.34	44.7	
MW-9	07/16/99	<0.005	<0.005	<0.005	<0.005	<0.005	<2.0	<2.0
MW-9	10/20/99	0.0028	<0.005	<0.005	<0.005	0.0028	<2.0	<2.0
MW-9	01/13/00	**0.11**	0.0020	0.020	0.015	0.15	<2.0	<2.0
MW-9	04/06/00	**2.7**	**0.87**	0.50	0.46	4.53	0.37	0.37
MW-9	08/01/00	**3.4**	**1.1**	0.52	0.27	5.29	1.1	1.1
MW-9	11/15/00	**4.2**	**0.12**	0.46	0.14	4.92	16.0	0.73
MW-9	03/06/01	**4.3**	**0.37**	**0.92**	0.21	5.8	20.0	<0.56
MW-10	07/16/99	0.0018	<0.005	<0.005	<0.005	0.0018	<2.0	<2.0
MW-10	10/20/99	0.0038	0.0023	<0.005	<0.005	0.0061	<2.0	<2.0
MW-10	01/13/00	0.0020	0.0010	0.0025	0.0020	0.0075	<2.0	<2.0
MW-10	04/06/00	0.0027	0.0072	0.00069	<0.002	0.011	<1.0	<1.0
MW-10	08/01/00	**0.040**	0.0012	0.0027	0.010	0.054	<1.0	<1.0
MW-10	11/15/00	**2.0**	0.018	0.31	0.21	2.54	9.0	0.78
MW-10	03/06/01	**4.4**	0.0078	0.12	0.19	4.72	17.0	0.57
MW-10	06/26/01	**5.6**	**1.3**	0.67	<0.04	7.57	31.0	2.4
MW-10	09/25/01	**5.9**	**1.2**	**0.76**	0.57	8.43	26.0	<0.53
MW-10	12/12/01	**7.1**	**1.56**	**0.87**	**0.66**	10.17	23.5	1.35
MW-10	05/20/02	**9.0**	**1.17**	**1.1**	**0.64**	11.91	26.4	1.4
MW-11	10/20/99	<0.005	<0.005	0.0012	0.0013	0.0025	<2.0	<2.0
MW-11	01/13/00	<0.005	<0.005	<0.005	<0.005	<0.005	<2.0	<2.0
MW-11	04/06/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-11	08/01/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-11	11/15/00	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	2.0
MW-11	03/06/01	0.00064	0.0011	<0.005	<0.002	0.0017	<0.10	<0.56
MW-11	06/26/01	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	<0.53
MW-11	09/25/01	0.0013	<0.005	<0.005	<0.002	0.0013	<0.10	<0.54
MW-11	12/12/01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-11	05/20/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.010**	**0.75**	**0.75**	**0.62**		**ne**	**ne**
MW-12	10/20/99	0.0011	<0.005	<0.005	<0.005	0.0011	<2.0	<2.0
MW-12	01/13/00	<0.005	<0.005	<0.005	<0.005	<0.005	<2.0	<2.0
MW-12	04/06/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-12	08/01/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-12	11/15/00	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	<0.56
MW-12	03/06/01	0.00085	0.00063	<0.005	<0.002	0.0015	<0.10	<0.56
MW-12	06/26/01	<0.005	<0.005	<0.005	<0.002	<0.002	<0.10	<0.53
MW-12	09/25/01	0.0028	0.00053	<0.5	<0.002	0.0033	<0.10	<0.52
MW-12	12/12/01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-12	05/20/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-13	06/04/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-13	01/08/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-13	11/15/00	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	0.57
MW-13	06/01/03	<0.5	0.0013	<0.005	<0.002	0.0013	<0.10	<0.55
MW-13	06/26/01	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	<0.5
MW-13	09/25/01	**0.022**	0.0034	0.0025	<0.002	0.03	0.15	<0.5
MW-13	12/01/01	**0.44**	<0.001	<0.001	0.020	0.46	1.24	0.13
MW-13	05/20/02	<0.001	<0.001	<0.001	0.033	0.033	0.54	0.18
MW-13	08/29/02	<5.00	0.0010	<0.001	0.0013	0.0023	0.15	0.13
MW-13	01/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
MW-13	04/23/03	<0.001	<0.001	0.0052	<0.001	0.0052	0.12	<0.10
MW-13	07/14/03	<0.001	<0.001	0.014	<0.001	0.014	0.13	<0.10
MW-13	10/16/03	<0.001	<0.001	0.021	<0.003	0.02	<0.10	<0.048
MW-13	10/26/04	**0.014**	<0.001	0.30	<0.003	0.31	1.2	3.0
MW-13	01/25/05	**1.0**	<0.001	**1.4**	<0.003	2.40	4.7	0.79
MW-13	04/19/05	**1.4**	<0.001	**0.78**	<0.003	2.18	4.9	0.90
MW-13	07/19/05	**1.2**	<0.001	0.54	<0.003	1.74	4.2	0.69
MW-13	10/18/05	**0.36**	<0.001	0.43	0.0068	0.80	2.1	0.88
MW-13	01/24/06	**1.1**	<0.001	0.46	<0.003	1.56	4.7	1.1
MW-13	04/25/06	**5.3**	<0.001	0.64	<0.003	5.94	14	1.1
MW-13 Duplicate	04/25/06	**3.7**	<0.001	0.47	<0.003	4.17	11	1.0
MW-13	07/25/06	**5.9**	<0.001	0.46	<0.003	6.36	16	1.7
MW-13 Duplicate	07/25/06	**5.4**	<0.001	0.49	<0.003	5.89	16	1.6
MW-13	10/24/06	**5.7**	<0.001	0.61	<0.003	6.31	14	1.5
MW-13 Duplicate	10/24/06	**5.2**	<0.001	0.65	<0.003	5.85	12	1.3
MW-13	01/24/07	**6.2**	<0.001	0.72	<0.003	6.92	16	1.5
MW-13 Duplicate	01/24/07	**5.8**	<0.001	0.68	<0.003	6.48	17	1.5
MW-13	04/24/07	**5.1**	<0.001	0.43	0.011	5.54	1.3	1.1
MW-13 Duplicate	04/24/07	**5.3**	<0.001	0.43	0.010	5.74	1.3	1.0
MW-13	07/24/07	**5.7**	<0.001	0.61	<0.003	6.31	0.54	1.7
MW-13 Duplicate	07/24/07	**5.4**	<0.001	0.59	<0.003	5.99	0.58	1.6
MW-13	10/23/07	**5.1**	<0.001	0.59	<0.003	5.69	1.1	1.5
MW-13 Duplicate	10/23/07	**5.5**	<0.001	0.62	<0.003	6.12	1.1	1.3
MW-13	01/29/08	**5.6**	<0.05	0.60	<0.05	6.20	0.65	1.5
MW-13 Duplicate	01/29/08	**5.7**	<0.025	0.63	<0.025	6.33	0.97	1.5
MW-13	04/22/08	**7.5**	<0.025	0.73	<0.025	8.23	18	0.80
MW-13 Duplicate	04/22/08	**7.1**	<0.025	0.66	<0.025	7.76	17	0.77
MW-13	07/22/08	**5.5**	<0.025	0.40	<0.025	5.90	14	0.92
MW-13	01/20/09	**5.6**	<0.005	0.39	0.025	6.02	15	0.96
MW-13 Duplicate	01/20/09	**5.8**	<0.001	0.089	0.0048	5.89	17	0.65
MW-13	04/21/09	**4.6**	<0.001	0.12	0.0065	4.73	11	0.45
MW-13	07/29/09	**2.1**	<0.001	0.0020	<0.001	2.10	5.8	1.7
MW-13	10/27/09	**0.56**	<0.001	0.0041	0.0014	0.57	1.6	0.47
MW-13	01/26/10	**0.25**	<0.001	0.0038	0.0077	0.26	0.95	0.43
MW-13	07/27/10	**0.089**	<0.001	0.010	0.0054	0.10	0.41	0.51
MW-13	10/26/10	**0.27**	<0.001	0.052	0.031	0.35	0.90	0.18

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (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-18	09/20/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-18	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.49
MW-18	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-18 Duplicate	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-18	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18 Duplicate	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-18	09/09/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-18	04/07/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-18	09/14/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-18	03/29/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18 Duplicate	03/29/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	<0.48
MW-20	09/20/17	**3.20**	0.01400	**0.850**	**1.100**	5.16	15.2	1.5
MW-20	03/20/18	**1.79**	0.0971	0.552	0.568	1.22	11.1	2.3
MW-20 Duplicate	03/20/18	**1.79**	0.0957	0.548	0.558	1.20	10.7	2.8
MW-20	09/21/18	**3.19**	0.218	**0.928**	**1.25**	5.59	17.30	2.1
MW-20	03/21/19	**2.08**	0.0621	0.482	0.485	3.11	<25.0	1.4
MW-20 Duplicate	03/21/19	**2.38**	0.0868	0.518	0.573	3.56	10.9	1.4
MW-21	09/20/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-21 Duplicate	09/20/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-21	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-21	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-21	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.69
MW-21	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-21	03/18/20	<0.001	<0.001	0.0086	<0.003	<0.003	<0.50	<0.45
MW-21	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-21	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.77
MW-21 Duplicate	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-21	09/09/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-21 Duplicate	09/09/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-21	04/07/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-21 Duplicate	04/07/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-21	09/14/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-21 Duplicate	09/14/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-21	03/29/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-21	09/21/23	<0.001	<0.001	<0.001	<0.0030	<0.003	<0.50	<0.53
MW-22	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-22	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-22	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.71
MW-22	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-22	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-22	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-22	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-22	09/08/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-22	04/07/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-22	09/14/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-22	03/29/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-22	09/21/23	<0.001	<0.001	<0.001	<0.0030	<0.003	<0.50	<0.50

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (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-28	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-28	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-28	09/09/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-28 Duplicate	09/09/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-28	04/07/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-28	09/13/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-28	03/29/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-28 Duplicate	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	1.2
MW-28	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-29	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-29	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-29	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.66
MW-29	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-29	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-29	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-29	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.68
MW-29	09/08/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.48
MW-29	04/06/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	.49
MW-29	09/13/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.51
MW-29	03/28/23	0.00031	<0.001	0.00016	<0.003	0.00047	0.53	0.4
MW-29	09/21/23	<0.0010	<0.001	<0.001	<0.003	<0.003	<0.50	0.5
MW-30	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.67
MW-30	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.69
MW-30	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	1.2
MW-30	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.83
MW-30	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.81
MW-30 Duplicate	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.67
MW-30	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.52
MW-30	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.79
MW-30	09/08/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.72
MW-30	04/06/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.68
MW-30	09/13/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.55
MW-30	03/28/23	0.00041	<0.001	0.00024	<0.003	0.00065	0.54	0.47
MW-30	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-31	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.52
MW-31	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-31	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.52
MW-31	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-31	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-31	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-31	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-31	09/08/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-31	04/06/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-31	09/13/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-31	03/29/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-31	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (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-32	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-32	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-32	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.58
MW-32	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-32	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-32	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-32	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-32	09/09/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-32	04/06/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-32	09/13/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-32	03/29/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-32	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-33	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.52
MW-33	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	09/17/19	<0.001	<0.001	0.0018	<0.003	<0.003	<0.50	<0.48
MW-33 Duplicate	09/17/19	<0.005	<0.005	<0.005	<0.015	<0.015	<2.5	<0.45
MW-33	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-33	09/09/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-33	04/06/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-33	09/13/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-33	03/28/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-33	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-34	09/17/19	0.0045	0.0221	0.0201	0.0442	0.0000	<0.50	<0.48
MW-34	03/18/20	0.0013	0.0074	0.016	0.033	0.0000	<0.50	<0.45
MW-34	09/17/20	**0.0017**	0.0059	0.027	0.061	0.0956	<0.50	<0.45
MW-34 Duplicate	09/17/20	<0.0010	0.0016	0.0079	0.017	0.0275	<0.50	<0.45
MW-34	04/01/21	<0.001	<0.001	0.0042	0.0071	0.0113	<0.50	<0.48
MW-34	09/08/21	<0.001	<0.001	0.0013	0.0033	0.0046	<0.50	<0.48
MW-34	04/06/22	<0.001	<0.001	0.0024	0.0069	0.0093	<0.50	<0.48
MW-34	09/14/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-34	03/28/23	<0.001	<0.001	0.00092	0.0033	0.0042	<0.50	<0.45
MW-34	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.53
MW-35	09/17/19	**2.57**	**1.19**	**1.48**	**1.19**	0.0000	26.8	18.5
MW-37	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.70
MW-37	03/18/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-37	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.53
MW-37	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-37	09/08/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-37	04/06/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-37	09/13/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-37	03/28/23	0.0009	<0.001	<0.001	<0.003	0.0009	0.21	<0.45
MW-37	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.84
MW-38	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-38	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-38	09/08/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-38	04/06/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-38	09/13/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-38	03/29/23	<0.001	<0.001	<0.001	<0.003	<0.003	0.12	<0.50
MW-38	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.64

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (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-39	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-39 Duplicate	09/17/20	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-39	04/01/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-39	09/08/21	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-39	04/06/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.48
MW-39	09/14/22	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-39	03/28/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-39	09/21/23	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.58
EW-1	11/15/02	**7.46**	**5.13**	**1.59**	**1.59**	15.77	21.4	NA
EW-1	11/22/02	**9.34**	**6.15**	**2.27**	**2.21**	19.97	15.3	NA
EW-1	04/24/03	**4.41**	**2.50**	**0.95**	**0.79**	8.66	13.1	2.56
EW-1	07/14/03	**2.59**	**2.16**	0.41	0.47	5.63	6.0	1.56
EW-1	10/16/03	**2.80**	**1.80**	0.69	**0.68**	5.97	11	460
EW-2	11/15/02	**2.16**	**1.39**	0.31	0.49	4.35	8.88	NA
EW-2	11/22/02	**2.11**	**2.34**	**0.88**	**1.28**	6.61	11.3	NA
EW-2	04/24/03	**3.08**	**2.68**	0.54	**0.89**	7.19	6.1	<1.0
EW-2	07/14/03	**1.76**	**1.79**	0.20	0.56	4.31	2.92	<2.0
EW-2	10/16/03	**2.8**	**2.6**	0.44	**0.72**	6.56	12	0.88
EW-2	10/16/03	**2.8**	**2.6**	0.44	**0.72**	6.56	12	0.88
EW-2	07/20/05	**4.5**	**1.5**	0.46	**0.64**	7.1	21	2.6
EW-2	01/24/06	**6.4**	**2.3**	**0.91**	**0.89**	10.5	34	4.9
EW-2	04/25/06	**6.8**	**2.6**	**0.84**	**0.95**	11.19	32	960
EW-2	10/24/06	**4.8**	**1.3**	**0.88**	**1.10**	8.08	23	67
EW-2	01/24/07	**5.2**	0.22	**0.76**	**0.93**	7.11	21	130
EW-2	04/24/07	**2.6**	0.054	0.40	0.57	3.62	12	1600
EW-2	07/24/07	**3.2**	0.15	0.72	**1.00**	5.07	17	130
EW-2	10/23/07	**3.5**	0.028	0.54	0.49	4.56	15	26
EW-2	01/29/08	**3.1**	0.026	0.52	0.61	4.26	12	45
EW-2	04/22/08	**2.4**	<0.01	0.39	0.43	3.22	9.2	100
EW-2	07/22/08	**1.4**	<0.005	0.23	0.24	1.87	6.1	31
EW-2	10/21/08	**1.0**	0.018	0.36	0.37	1.73	--	19
EW-2	01/20/09	**1.1**	0.0010	0.28	0.28	1.66	5.1	4.8
IW-2	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-2	01/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-2	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-2	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-2	10/15/03	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.048
IW-2	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.048
IW-2	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.20
IW-2	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.048
IW-2	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.048
IW-2	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	0.062
IW-2	04/19/05	<0.001	<0.001	0.0013	<0.003	0.0013	<0.10	5.20
IW-2	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	0.16
IW-2	10/18/05	**0.019**	<0.001	0.018	0.012	0.049	1.8	25
IW-2	01/24/06	**0.020**	0.063	0.088	0.14	0.31	2.0	71
IW-2	04/25/06	0.0028	0.0050	0.013	0.015	0.036	0.83	15
IW-2	07/25/06	0.0040	<0.001	0.054	0.075	0.13	1.6	37
IW-2	10/24/06	0.003 F	<0.001	0.021 F	0.016	0.040	0.91	68
IW-2	01/24/07	0.0018	<0.001	0.0070	0.0031	0.012	0.46	59
IW-2	04/24/07	<0.001	<0.001	0.0061	<0.003	0.0061	0.45	32
IW-2	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	0.23	29
IW-2	10/23/07	<0.001	<0.001	0.019	0.0050	0.024	2.5	200
IW-2	01/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	0.27	37
IW-2	04/22/08	<0.001	<0.001	<0.001	<0.001	<0.001	0.25	44
IW-2	07/22/08	<0.001	0.0012	0.0020	0.0087	0.012	1.9	77

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.010**	**0.75**	**0.75**	**0.62**		**ne**	**ne**
IW-2	10/21/08	<0.001	<0.001	<0.001	0.0014	0.0014	--	58
IW-2	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	6.8
IW-2	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.11	0.85
IW-2	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	3.9
IW-2	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	1.5
IW-2	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	1.2
IW-2	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.77
IW-2	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	0.24	6.5
IW-2	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	1.1
IW-2	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	7.0
IW-2	04/20/11	<0.001	<0.001	<0.001	<0.003	<0.003	0.26	33.1
IW-2	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	13.6
IW-2	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	5.13	31.6
IW-2	02/26/13	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	5.8
IW-2 Duplicate	02/26/13	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	6.2
IW-2	07/23/13	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
IW-2 Duplicate	07/23/13	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
IW-2	03/24/14	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	1.5
IW-2 Duplicate	03/24/14	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	5.5
IW-2	07/28/14	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	3.4
IW-2	03/10/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	240
IW-2	07/31/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	2.9
IW-2 Duplicate	07/31/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	4.6
IW-2	03/24/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	30.2
IW-2 Duplicate	03/24/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	31.3
IW-2	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.51	22.1
IW-2 Duplicate	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	19.4
IW-2	03/24/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	7.8
IW-2 Duplicate	03/24/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	31.3
IW-2	09/20/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	14.6
IW-3	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-3	01/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-3	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-3	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-3	10/15/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-3	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-3	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.20
IW-3	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.061
IW-3	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.072
IW-3	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-3	04/19/05	0.0015	0.0024	0.0050	0.0074	0.016	0.27	14
IW-3	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	1.1
IW-3	10/18/05	0.0062	<0.001	0.013	0.011	0.030	1.4	180
IW-3	01/24/06	**0.017**	0.0080	0.014	0.0093	0.048	1.6	87
IW-3	04/25/06	0.0060	<0.001	0.010	0.0051	0.021	1.3	64
IW-3	07/25/06	0.0030	<0.001	0.0060	0.0042	0.013	0.91	18
IW-3	10/24/06	0.0024 F	<0.001	0.0074 F	<0.003	0.0098	0.58	53
IW-3	01/24/07	0.0018	<0.001	<0.001	<0.003	0.0018	4.1	67
IW-3	04/24/07	0.0028	<0.001	0.013	0.0037	0.020	1.4	96
IW-3	07/24/07	0.0030	<0.001	<0.001	0.0035	0.0065	1.1	23
IW-3	10/23/07	0.0021	<0.001	0.014	0.0034	0.020	1.2	62
IW-3	01/29/08	<0.001	<0.001	<0.001	0.0011	0.0011	0.71	41
IW-3	04/22/08	<0.001	<0.001	<0.001	0.0011	0.0011	0.46	58
IW-3	07/22/08	<0.001	<0.001	<0.001	0.0012	0.0012	0.28	82
IW-3	10/21/08	<0.001	<0.001	<0.001	0.0010	0.0010	--	0.60
IW-3	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	1.0
IW-3	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.39
IW-3	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.11	0.43

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.010**	**0.75**	**0.75**	**0.62**		**ne**	**ne**
IW-3	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.42
IW-3	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.22
IW-3	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.23
IW-3	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.80
IW-3	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
IW-3	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.86
IW-3	04/20/11	<0.001	<0.001	<0.001	<0.003	<0.001	<0.05	0.40
IW-3	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.001	<0.5	<0.5
IW-3	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.001	<0.05	<0.5
IW-3	02/26/13	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	<0.50
IW-3	07/23/13	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	<0.50
IW-3	03/24/14	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	0.51
IW-3	07/28/14	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	<0.45
IW-3	03/10/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.69
IW-3 Duplicate	03/10/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	5.8
IW-3	07/31/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.51	<0.45
IW-3	03/24/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
IW-3	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	2.0
IW-3	03/24/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	3.9
IW-3	9/20/017	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	1.2
IW-4	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-4	01/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-4	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-4	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-4	10/16/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-4	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-4	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.20
IW-4	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-4	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.082
IW-4	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.31
IW-4	04/19/05	0.0026	0.0030	0.0054	0.0082	0.019	0.33	10
IW-4	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	1.1
IW-4	10/18/05	**0.032**	0.0015	0.0026	0.014	0.050	0.98	70
IW-4	01/24/06	**0.017**	0.0022	0.0019	0.0093	0.030	0.79	35
IW-4	04/25/06	**0.013**	0.0010	0.0084	0.010	0.032	1.20	56
IW-4	07/25/06	0.0061	<0.001	0.011	0.0090	0.026	1.40	52
IW-4	10/24/06	0.0042 F	<0.001	0.00082 F	0.0078	0.0078	1.50	120
IW-4	01/24/07	0.0026	<0.001	<0.001	0.0072	0.010	1.40	0.10
IW-4	04/24/07	0.0021	<0.001	0.0098	0.0046	0.017	0.88	88
IW-4	07/24/07	0.0035	0.011	0.0066	0.0079	0.029	0.52	26
IW-4	10/23/07	0.0018	<0.001	0.0051	<0.003	0.0069	0.57	53
IW-4	01/29/08	0.0012	<0.001	<0.001	<1.0	0.0012	0.42	51
IW-4	04/22/08	<0.001	<0.001	<0.001	0.0013	0.0013	0.51	51
IW-4	07/22/08	<0.001	<0.001	<0.001	0.0011	0.0011	0.32	55
IW-4	10/21/08	<0.001	0.0013	<0.001	0.0026	0.0039	--	9.4
IW-4	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.23	18
IW-4	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.16	5.2
IW-4	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.36	12
IW-4	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.17	8.1
IW-4	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	0.17	5.2
IW-4	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	14
IW-4	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	7.9
IW-4	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	8.2
IW-4	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	79
IW-4	04/20/11	<0.001	0.00048	<0.001	<0.003	0.00048	0.48	112
IW-4	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	31.3
IW-4	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	1.63	19.9

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.010**	**0.75**	**0.75**	**0.62**		**ne**	**ne**
IW-5	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-5	01/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-5	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-5	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-5	10/16/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.086
IW-5	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	16
IW-5	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.25
IW-5	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	2.7
IW-5	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.048
IW-5	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.43
IW-5	04/19/05	0.0011	0.0012	0.0014	<0.003	0.0037	<0.10	2.0
IW-5	07/19/05	0.0019	<0.001	<0.001	<0.003	0.0019	<0.10	0.22
IW-5	10/18/05	**0.020**	<0.001	0.0055	0.0097	0.035	0.89	70
IW-5	01/24/06	0.0041	0.0031	0.0029	0.0062	0.016	0.55	4.5
IW-5	04/25/06	0.0018	<0.001	0.0084	0.010	0.020	1.2	56
IW-5	07/25/06	0.0027	<0.001	0.0074	0.0037	0.014	0.96	99
IW-5	10/24/06	0.0026	<0.001	0.012	0.0030	0.018	0.89	130
IW-5	01/24/07	0.0016	<0.001	<0.001	<0.003	0.0016	2.1	48
IW-5	04/24/07	0.0015	<0.001	0.0059	<0.003	0.0074	0.59	48
IW-5	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	0.33	8.5
IW-5	10/23/07	<0.001	<0.001	0.0046	<0.003	0.0046	0.44	42
IW-5	01/29/08	<0.001	<0.001	<0.001	0.0014	0.0014	0.36	4.9
IW-5	04/22/08	**0.020**	<0.001	<0.001	0.0015	0.022	0.51	54
IW-5	07/22/08	**0.16**	0.0016	0.0015	0.0021	0.17	0.95	66
IW-5	10/21/08	**0.23**	0.0013	<0.001	0.0032	0.23	--	22
IW-5	01/20/09	<0.001	<0.001	<0.001	0.0011	0.0011	0.30	15
IW-5	04/21/09	<0.001	<0.001	<0.001	0.0056	0.0056	0.36	18
IW-5	07/28/09	0.0015	<0.001	<0.001	0.0014	0.0029	0.34	18
IW-5	10/27/09	0.0015	<0.001	<0.001	0.0010	0.0025	0.36	5.5
IW-5	01/26/10	0.0035	0.0016	<0.001	0.0011	0.0062	0.47	3.5
IW-5	04/27/10	0.0014	0.0012	<0.001	<0.001	0.0026	0.39	3.4
IW-5	07/27/10	<0.001	0.0012	<0.001	0.0017	0.0029	0.34	2.9
IW-5	10/26/10	0.0012	0.0011	<0.001	0.0014	0.0037	0.27	12
IW-5	01/25/11	<0.001	**1.3**	<0.001	0.0015	1.3	0.38	22
IW-5	04/20/11	0.0023	<0.001	0.00055	<0.003	0.0029	0.83	6.12
IW-5	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	7.4
IW-5	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	0.71	38.9
IW-6	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	7.62
IW-6	01/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-6	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-6	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-6	10/16/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.15
IW-6	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	11
IW-6	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	1.4
IW-6	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.76
IW-6	04/19/05	0.0031	0.0030	0.0047	<0.003	0.011	0.19	2.0
IW-6	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	3.4
IW-6	10/18/05	0.0071	<0.001	0.0044	0.017	0.029	0.88	110
IW-6	01/24/06	0.0033	0.0028	<0.001	0.012	0.018	0.71	48
IW-6	10/24/06	0.0021 F	<0.001	0.0084 F	0.0068	0.017	0.87	61
IW-7	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-7	01/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-7	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-7	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-7	10/16/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.64
IW-7	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	0.15	40
IW-7	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	1.7

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.010**	**0.75**	**0.75**	**0.62**		**ne**	**ne**
IW-7	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	18
IW-7	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	3.3
IW-7	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.21
IW-7	04/19/05	0.0014	0.0042	0.0087	0.0067	0.02	0.55	2.1
IW-7	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	0.10	0.30
IW-7	10/18/05	0.0085	0.0037	0.0067	0.035	0.054	2.3	360
IW-7	01/24/06	0.0064	0.0053	0.0061	0.030	0.048	1.4	41
IW-7	04/25/06	0.0055	<0.001	0.023	0.030	0.059	2.7	330
IW-7	07/25/06	0.0043	<0.001	0.0086	0.013	0.026	1.4	110
IW-7	10/24/06	0.0032 F	<0.001	0.012 F	0.013	0.013	1.1	44
IW-7	01/24/07	0.0018	<0.001	<0.001	0.0066	0.008	0.95	57
IW-7	04/24/07	<0.001	<0.001	0.011	0.0055	0.017	1.2	67
IW-7	07/24/07	0.0014	<0.001	<0.001	<0.003	0.0014	0.42	4.8
IW-7	10/23/07	<0.001	<0.001	0.0045	<0.003	0.0045	0.37	19
IW-7	01/29/08	<0.001	<0.001	<0.001	<1.0	<1.0	0.27	58
IW-7	04/22/08	<0.001	<0.001	<0.001	0.0011	0.0011	0.38	68
IW-7	07/22/08	<0.001	<0.001	<0.001	0.0018	0.0018	4.4	70
IW-7	10/21/08	<0.001	<0.001	<0.001	0.0011	0.0011	--	14
IW-7	01/20/09	<0.001	<0.001	<0.001	0.0012	0.0012	0.38	32
IW-7	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	6.5
IW-7	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.13	6.2
IW-7	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.17	20
IW-7 Duplicate	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.14	20
IW-7	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	0.24	20
IW-7 Duplicate	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	0.27	43
IW-7	04/27/10	<0.001	<0.001	<0.001	0.0014	0.0014	0.51	85
IW-7 Duplicate	04/27/10	<0.001	<0.001	<0.001	0.0014	0.0014	0.52	86
IW-7	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	23
IW-7 Duplicate	07/27/10	<0.001	<0.001	<0.001	0.0012	0.0012	0.25	36
IW-7	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	6.1
IW-7 Duplicate	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	2.3
IW-7	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	20
IW-7 Duplicate	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	0.10	17
IW-7	04/20/11	<0.001	<0.001	<0.001	<0.003	<0.003	0.43	120
IW-7	10/11/11	<0.002	<0.001	<0.001	<0.003	<0.003	<0.5	NA
SVE-1	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	01/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	10/16/03	<0.001	<0.001	<0.001	<3.0	<3.0	<0.10	<0.048
SVE-1	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.055
SVE-1	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.20
SVE-1	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.059
SVE-1	10/26/04	**0.079**	0.0028	<0.001	<0.003	0.082	0.32	0.099
SVE-1	01/25/05	**0.062**	0.0034	0.0019	0.012	0.079	0.41	0.34
SVE-1	04/19/05	**0.054**	0.0014	0.0017	0.0077	0.065	0.21	0.048
SVE-1	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.32
SVE-1	10/18/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.31
SVE-1	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.10
SVE-1	04/25/06	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.069
SVE-1	07/25/06	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.049
SVE-1	10/24/06	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.049
SVE-1	01/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.049
SVE-1	04/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.050
SVE-1	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.12
SVE-1	10/23/07	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.050
SVE-1	01/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	04/22/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10

Table 2

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (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-1	07/22/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1 Duplicate	07/22/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.11
SVE-1	10/21/08	<0.001	<0.001	<0.001	<0.001	<0.001	--	<0.05
SVE-1 Duplicate	10/21/08	<0.001	<0.001	<0.001	<0.001	<0.001	--	<0.05
SVE-1	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.064
SVE-1	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1 Duplicate	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.099
SVE-1	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1 Duplicate	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.24
SVE-1	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.15
SVE-1	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.19
SVE-1	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
SVE-1	04/20/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	0.082
SVE-1	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50

Notes:
NMWQCC = New Mexico Water Quality Control Comission
mg/L = miligrams per liter
< = analyte was not detected at or above the reported detection limit.
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
Shaded/bolded values exceed their respective NMWQCC Standard for Groundwater
F= reported value estimated due to an interference

ne = not established
na = not analyzed
-- = no data available

Table 3

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
MW-2	07/16/99	28	--	--	--
MW-2	10/20/99	180	--	--	--
MW-2	01/13/00	200	--	--	--
MW-2	04/06/00	190	--	--	--
MW-2	08/01/00	180	--	--	--
MW-2	11/15/00	170	--	--	--
MW-2	03/06/01	160	--	--	--
MW-2	06/26/01	170	--	--	--
MW-2	09/25/01	150	--	--	--
MW-2	12/12/01	151	--	--	--
MW-2	05/20/02	137	590	**3.09**	0.098
MW-3	07/16/99	170	--	--	--
MW-3	10/20/99	120	--	--	--
MW-3	01/13/00	160	--	--	--
MW-3	04/06/00	170	--	--	--
MW-4	07/16/99	190	--	--	--
MW-9	07/16/99	140	--	--	--
MW-9	10/20/99	110	--	--	--
MW-9	01/13/00	130	--	--	--
MW-9	04/06/00	140	--	--	--
MW-9	08/01/00	140	--	--	--
MW-9	11/15/00	140	--	--	--
MW-9	03/06/01	130	--	--	--
MW-10	07/16/99	100	--	--	--
MW-10	10/20/99	120	--	--	--
MW-10	01/13/00	170	--	--	--
MW-10	04/06/00	210	--	--	--
MW-10	08/01/00	160	--	--	--
MW-10	11/15/00	200	--	--	--
MW-10	03/06/01	180	--	--	--
MW-10	06/26/01	170	--	--	--
MW-10	09/25/01	170	--	--	--
MW-10	12/12/01	169	--	--	--
MW-10	05/20/02	164	594	**1.87**	**0.303**
MW-11	10/20/99	120	--	--	--
MW-11	01/13/00	140	--	--	--
MW-11	04/06/00	120	--	--	--
MW-11	08/01/00	110	--	--	--
MW-11	11/15/00	110	--	--	--
MW-11	03/06/01	100	--	--	--
MW-11	06/26/01	110	--	--	--
MW-11	09/25/01	150	--	--	--
MW-11	12/12/01	100	--	--	--
MW-11	05/20/02	96	1,280	**3.43**	0.051

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
MW-12	10/20/99	140	--	--	--
MW-12	01/13/00	140	--	--	--
MW-12	04/06/00	130	--	--	--
MW-12	08/01/00	120	--	--	--
MW-12	11/15/00	120	--	--	--
MW-12	03/06/01	91	--	--	--
MW-12	06/26/01	120	--	--	--
MW-12	09/25/01	110	--	--	--
MW-12	12/12/01	109	--	--	--
MW-12	05/20/02	100	845	**11.7**	0.106
MW-13	06/04/00	56	--	--	--
MW-13	01/08/00	71	--	--	--
MW-13	11/15/00	86	--	--	--
MW-13	06/01/03	110	--	--	--
MW-13	06/26/01	120	--	--	--
MW-13	09/25/01	110	--	--	--
MW-13	12/01/12	114	--	--	--
MW-13	05/20/02	111	905	**1.2**	0.018
MW-13	08/29/02	106	--	**5.72**	--
MW-13	01/15/03	113	--	--	--
MW-13	04/23/03	**406**		0.351	
MW-13	07/14/03	125	--	--	--
MW-13	10/16/03	120	--	--	--
MW-13	10/26/04	120	--	--	--
MW-13	01/25/05	130	--	--	--
MW-13	04/19/05	117	--	--	--
MW-13 Duplicate	04/19/05	103	--	--	--
MW-13	07/19/05	116	--	--	--
MW-13 Duplicate	07/19/05	115	--	--	--
MW-13	10/18/05	108	--	--	--
MW-13 Duplicate	10/18/05	106	--	--	--
MW-13	01/24/06	109	--	--	--
MW-13 Duplicate	01/24/06	115	--	--	--
MW-13	04/25/06	107		**1.4**	0.11
MW-13 Duplicate	04/25/06	109		**1.7**	0.11
MW-13	07/25/06	69.2	--	--	--
MW-13 Duplicate	07/25/06	69.7	--	--	--
MW-13	10/24/06	80.7	--	--	--
MW-13 Duplicate	10/24/06	69.5	--	--	--
MW-13	01/24/07	63.9	--	--	--
MW-13 Duplicate	01/24/07	67.1	--	--	--
MW-13	04/24/07	55.9	--	**2.7**	0.16
MW-13 Duplicate	04/24/07	56	--	**2.8**	0.17
MW-13	07/24/07	63.6	--	--	--
MW-13 Duplicate	07/24/07	63.6	--	--	--
MW-13	10/23/07	75.8	--	--	--
MW-13 Duplicate	10/23/07	80.7	--	--	--
MW-13	01/29/08	70	--	--	--
MW-13 Duplicate	01/29/08	73.1	--	--	--
MW-13	04/22/08	37.3	--	**4.6**	0.177
MW-13 Duplicate	04/22/08	39.3	--	**4.5**	0.177
MW-13	07/22/08	33.5	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
MW-13	01/20/09	77.5	--	--	--
MW-13 Duplicate	01/20/09	79.8	--	--	--
MW-13	10/27/09	180	--	--	--
MW-13	01/26/10	163	--	--	--
MW-13	07/27/10	149	--	--	--
MW-13	10/26/10	172	--	--	--
EW-1	07/16/03	172	--	--	--
EW-1	10/16/03	147		0.22	
EW-2	07/16/03	160	--	--	--
EW-2	10/16/03	164	--	--	--
EW-2	07/20/05	110		0.22	
EW-2	01/24/06	74.5	--	--	--
EW-2	04/25/06	52.7		0.48	0.044
EW-2	10/24/06	56.3	--	--	--
EW-2	01/24/07	38.5	--	--	--
EW-2	04/24/07	77.6	--	**8.7**	**0.22**
EW-2	07/24/07	52.9	--	--	--
EW-2	10/23/07	55.1	--	--	--
EW-2	01/29/08	70.2	--	--	--
EW-2	04/22/08	79.1		0.26	0.0299
EW-2	07/22/08	123	--	--	--
EW-2	10/21/08	68.6	--	--	--
EW-2	01/20/09	113	--	--	--
IW-2	08/29/02	86		**6.55**	--
IW-2	01/14/03	132	--	--	--
IW-2	04/23/03	152	--	0.089	--
IW-2	07/14/03	171	--	--	--
IW-2	10/15/03	103	--	--	--
IW-2	01/20/04	97	--	--	--
IW-2	04/20/04	99.4	--	--	--
IW-2	07/21/04	121	--	--	--
IW-2	10/26/04	146	--	--	--
IW-2	01/25/05	158	--	--	--
IW-2	04/19/05	146	--	--	--
IW-2	07/19/05	125	--	--	--
IW-2	10/18/05	107	--	--	--
IW-2	01/24/06	105	--	--	--
IW-2	04/25/06	110	--	0.69	0.13
IW-2	07/25/06	68.9	--	--	--
IW-2	10/24/06	80.8	--	--	--
IW-2	01/24/07	83.9	--	--	--
IW-2	04/24/07	82.0	--	0.33	--
IW-2	07/24/07	71.5	--	--	--
IW-2	10/23/07	77.5	--	--	--
IW-2	01/29/08	78.4	--	--	--
IW-2	04/22/08	83.3		0.28	0.00606
IW-2	07/22/08	74.1	--	--	--
IW-2	10/21/08	73.8	--	--	--
IW-2	01/20/09	78.2	--	--	--
IW-2	04/21/09	66.6	--	0.183	0.00994

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
IW-2	07/28/09	68.3	--	--	--
IW-2	10/27/09	80.5	--	--	--
IW-2	01/26/10	71.7	--	--	--
IW-2	04/27/10	67.2	--	0.113	0.00516
IW-2	07/27/10	86	--	--	--
IW-2	10/26/10	90.1	--	--	--
IW-2	01/25/11	74.5	--	--	--
IW-2	04/20/11	71.4	--	0.268	<0.0015
IW-2	10/11/11	82.7	--	--	--
IW-2	05/31/12	71.7	--	--	--
IW-2	02/26/13	71.1	--	**1.93**	0.008
IW-2 Duplicate	02/26/13	71.3	--	**1.97**	0.008
IW-2	07/23/13	74.0	--	--	--
IW-2 Duplicate	07/23/13	72.0	--	--	--
IW-2	03/24/14	79.1	--	--	--
IW-2 Duplicate	03/24/14	79.7	--	--	--
IW-3	08/29/02	82	--	**8.28**	--
IW-3	01/14/03	94.6	--	--	--
IW-3	04/23/03	115	--	**1.47**	--
IW-3	07/14/03	161	--	--	--
IW-3	10/15/03	99.1	--	--	--
IW-3	01/20/04	89.3	--	--	--
IW-3	04/20/04	91.5	--	--	--
IW-3	07/21/04	148	--	--	--
IW-3	10/26/04	90.2	--	--	--
IW-3	01/25/05	158	--	--	--
IW-3	04/19/05	148	--	--	--
IW-3	07/19/05	124	--	--	--
IW-3	10/18/05	106	--	--	--
IW-3	01/24/06	97.7	--	--	--
IW-3	04/25/06	103	--	0.68	**0.21**
IW-3	07/25/06	87.8	--	--	--
IW-3	10/24/06	91.4	--	--	--
IW-3	01/24/07	90.7	--	--	--
IW-3	04/24/07	93.1	--	0.60	0.074
IW-3	07/24/07	89.7	--	--	--
IW-3	10/23/07	89.9	--	--	--
IW-3	01/29/08	87.4	--	--	--
IW-3	04/22/08	97.2	--	0.41	0.0336
IW-3	07/22/08	79.5	--	--	--
IW-3	10/21/08	73.7	--	--	--
IW-3	01/20/09	87.5	--	--	--
IW-3	04/21/09	80.8	--	0.16	0.0210
IW-3	07/28/09	78.1	--	--	--
IW-3	10/27/09	98.6	--	--	--
IW-3	01/26/10	79	--	--	--
IW-3	04/27/10	75	--	0.0503	0.0155
IW-3	07/27/10	46.4	--	--	--
IW-3	10/26/10	90.0	--	--	--
IW-3	01/25/11	75.9	--	--	--
IW-3	04/20/11	73.3	--	<0.1	<0.015
IW-3	10/11/11	78.9	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
IW-3	05/31/12	72.1	--	--	--
IW-3	02/26/13	70.9	--	**11.4**	0.137
IW-3	07/23/13	52.2	--	--	--
IW-3	03/24/14	72.6	--	--	--
IW-4	08/29/02	99.5	--	**2.45**	--
IW-4	01/14/03	111	--	--	--
IW-4	04/23/03	153	--	0.221	
IW-4	07/14/03	4.0	--	--	--
IW-4	10/16/03	141	--	--	--
IW-4	01/20/04	114	--	--	--
IW-4	04/20/04	101	--	--	--
IW-4	07/21/04	125	--	--	--
IW-4	10/26/04	139	--	--	--
IW-4	01/25/05	154	--	--	--
IW-4	04/19/05	147	--	--	--
IW-4	07/09/05	125	--	--	--
IW-4	10/18/05	108	--	--	--
IW-4	01/24/06	115	--	--	--
IW-4	04/25/06	131	--	**3.0**	**0.44**
IW-4	07/25/06	41	--	--	--
IW-4	10/24/06	56.6	--	--	--
IW-4	01/24/07	53.7	--	--	--
IW-4	04/24/07	56.2	--	0.87	**0.23**
IW-4	07/24/07	51.4	--	--	--
IW-4	10/23/07	41.1	--	--	--
IW-4	01/29/08	34.7	--	--	--
IW-4	04/22/08	54.5	--	0.36	0.102
IW-4	07/22/08	46.7	--	--	--
IW-4	10/21/08	55.1	--	--	--
IW-4	01/20/09	66.3	--	--	--
IW-4	04/21/09	67.1	--	0.527	0.0661
IW-4	07/28/09	72.2	--	--	--
IW-4	10/27/09	93.4	--	--	--
IW-4	01/26/10	72.7	--	--	--
IW-4	04/27/10	86.9	--	0.241	0.0637
IW-4	07/27/10	56.9	--	--	--
IW-4	10/26/10	94.3	--	--	--
IW-4	01/25/11	81.8	--	--	--
IW-4	04/20/11	81.1	--	0.178	0.0303
IW-4	10/11/11	96	--	--	--
IW-4	05/31/12	85	--	--	--
IW-5	08/29/02	90	--	**3.33**	
IW-5	01/15/03	117	--	--	--
IW-5	04/23/03	156	--	**2.13**	
IW-5	07/14/03	160	--	--	--
IW-5	10/16/03	166	--	--	--
IW-5	01/20/04	140	--	--	--
IW-5	04/20/04	124	--	--	--
IW-5	07/21/04	138	--	--	--
IW-5	10/26/04	128	--	--	--
IW-5	01/25/05	156	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
IW-5	04/19/05	147	--	--	--
IW-5	07/19/05	124	--	--	--
IW-5	10/18/05	110	--	--	--
IW-5	01/24/06	131	--	--	--
IW-5	04/25/06	141	--	**1.3**	**0.32**
IW-5	07/25/06	93	--	--	--
IW-5	10/24/06	129	--	--	--
IW-5	01/24/07	131	--	--	--
IW-5	04/24/07	138	--	**1.0**	0.14
IW-5	07/24/07	133	--	--	--
IW-5	10/23/07	129	--	--	--
IW-5	01/29/08	135	--	--	--
IW-5	04/22/08	166	--	**1.7**	0.112
IW-5	07/22/08	111	--	--	--
IW-5	10/21/08	105	--	--	--
IW-5	01/20/09	144	--	--	--
IW-5	04/21/09	134	--	**2.65**	0.110
IW-5	07/28/09	97.9	--	--	--
IW-5	10/27/09	62.2	--	--	--
IW-5	01/26/10	75.4	--	--	--
IW-5	04/27/10	85.5	--	**3.34**	0.110
IW-5	07/27/11	96.7	--	--	--
IW-5	10/26/10	137	--	--	--
IW-5	01/25/11	147	--	--	--
IW-5	04/20/11	136	--	**3.05**	0.124
IW-5	10/11/11	132	--	--	--
IW-5	05/31/12	**274**	--	--	--
IW-6	08/29/02	92	--	**7.16**	--
IW-6	01/15/03	100	--	--	--
IW-6	04/23/03	132	--	0.27	--
IW-6	07/14/03	120	--	--	--
IW-6	10/16/04	165	--	--	--
IW-6	01/20/04	138	--	--	--
IW-6	10/26/04	76.6	--	--	--
IW-6	01/25/05	156	--	--	--
IW-6	04/19/05	145	--	--	--
IW-6	07/19/05	123	--	--	--
IW-6	10/18/05	110	--	--	--
IW-6	01/24/06	115	--	--	--
IW-6	10/24/06	160	--	--	--
IW-7	08/29/02	161	--	**18.6**	--
IW-7	01/15/03	142	--	--	--
IW-7	04/23/03	152	--	0.524	
IW-7	07/14/03	140	--	--	--
IW-7	10/16/03	165	--	--	--
IW-7	01/20/04	138	--	--	--
IW-7	04/20/04	160	--	--	--
IW-7	07/21/04	142	--	--	--
IW-7 Duplicate	07/21/04	139	--	--	--
IW-7	10/26/04	125	--	--	--
IW-7	01/25/05	155	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
IW-7 Duplicate	01/25/05	157	--	--	--
IW-7	04/19/05	131	--	--	--
IW-7	09/15/07	125	--	--	--
IW-7	10/18/05	107	--	--	--
IW-7	01/24/06	102	--	--	--
IW-7	04/25/06	105	--	0.23	**0.31**
IW-7	07/25/06	87	--	--	--
IW-7	10/24/06	88.7	--	--	--
IW-7	01/24/07	91.9	--	--	--
IW-7	04/24/07	92.6	--	0.45	0.055
IW-7	07/24/07	85.9	--	--	--
IW-7	10/23/07	81.9	--	--	--
IW-7	01/29/08	89.4	--	--	--
IW-7	04/22/08	107	--	0.772	0.0407
IW-7	07/22/08	72.7	--	--	--
IW-7	10/21/08	69.5	--	--	--
IW-7	01/20/09	83.2	--	--	--
IW-7	04/21/09	71.4	--	0.746	0.0347
IW-7	07/28/09	74.7	--	--	--
IW-7	10/27/09	88.8	--	--	--
IW-7 Duplicate	10/27/09	84.8	--	--	--
IW-7	01/26/10	79.4	--	--	--
IW-7 Duplicate	01/26/10	71	--	--	--
IW-7	04/27/10	71.6	--	0.194	0.0452
IW-7 Duplicate	04/27/10	73.6	--	0.147	0.0446
IW-7	07/27/10	68.2	--	--	--
IW-7 Duplicate	07/27/10	68.2	--	--	--
IW-7	10/26/10	73.2	--	--	--
IW-7 Duplicate	10/26/10	82.2	--	--	--
IW-7	01/25/11	61.8	--	--	--
IW-7 Duplicate	01/25/11	62.8	--	--	--
IW-7	04/20/11	60.3	--	0.21	0.0356
IW-7	10/11/11	72.1	--	--	--
SVE-1	08/29/02	96.5	--	--	--
SVE-1	01/14/03	122	--	--	--
SVE-1	04/23/03	123	--	**2.27**	--
SVE-1	07/14/03	117	--	--	--
SVE-1	10/16/03	113	--	--	--
SVE-1	01/20/04	105	--	--	--
SVE-1	04/20/04	109	--	--	--
SVE-1	07/21/04	103	--	--	--
SVE-1	10/26/04	52.7	--	--	--
SVE-1	01/25/04	73.9	--	--	--
SVE-1	04/19/05	97.2	--	--	--
SVE-1	07/19/05	102	--	--	--
SVE-1	10/18/05	96.5	--	--	--
SVE-1	01/24/06	109	--	--	--
SVE-1	04/25/06	140	--	--	0.018
SVE-1	07/25/06	112	--	--	--
SVE-1	10/24/06	117	--	--	--
SVE-1	01/24/07	121	--	--	--
SVE-1	04/24/07	124	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
SVE-1	07/24/07	120	--	--	--
SVE-1	10/23/07	121	--	--	--
SVE-1	01/29/08	120	--	--	--
SVE-1	04/22/08	86.8	--	<0.02	<0.005
SVE-1	07/22/08	124	--	--	--
SVE-1 Duplicate	07/22/08	124.0	--	--	--
SVE-1	10/21/08	113	--	--	--
SVE-1 Duplicate	10/21/08	105	--	--	--
SVE-1	01/20/09	137	--	--	--
SVE-1	04/21/09	114	--	0.0734	0.00928
SVE-1 Duplicate	04/21/09	118	--	0.756	0.0109
SVE-1	07/28/09	113	--	--	--
SVE-1 Duplicate	07/28/09	114	--	--	--
SVE-1	10/27/09	133	--	--	--
SVE-1	01/26/10	126	--	--	--
SVE-1	04/27/10	118	--	0.0416	0.00876
SVE-1	07/27/10	17.2	--	--	--
SVE-1	10/26/10	63.1	--	--	--
SVE-1	01/25/11	124	--	--	--
SVE-1	04/20/11	120	--	0.306	0.145
SVE-1	10/11/11	125	--	--	--

Notes:
NMWQCC = New Mexico Water Quality Control Comission
mg/L = milligrams per liter
NE = Not Established
< = analyte was not detected at or above the reported detection limit.
-- = no data available
Shaded/bolded values exceed their respective NMWQCC Standard for Ground Water.

Table 4

Historical Groundwater Analytical Data - Metals and Polyaromatic Hydrocarbons
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Metal Analytes

Well ID	Sample Date	Aluminum (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Zinc (mg/L)
NMWQCC groundwater quality standards		**5.0**	**0.1**	**1.0**	**0.75**	**0.01**	**0.05**	**0.05**	**1.0**	**1.0**	**0.05**	**0.2**	**0.002**	**1.0**	**0.2**	**0.05**	**0.05**	**10**
IW-2	4/20/2011	<0.2	0.00970	<0.2	0.174	<0.004	<0.01	<0.05	<0.025	0.268	0.0171	<0.015	<0.0002	<0.010	<0.04	<0.005	<0.01	<0.02
IW-2	2/26/2013	na	0.0261	0.229	0.168	<0.005	**0.0811**	<0.005	<0.01	**1.93**	<0.005	0.008	<0.0002	<0.02	0.0072	<0.015	<0.007	<0.50
IW-2 Duplicate	2/26/2013	na	0.030	0.23	0.172	<0.005	0.0278	<0.005	<0.01	**1.97**	<0.005	0.008	<0.0002	<0.02	0.0053	<0.015	<0.007	<0.50
IW-3	4/20/2011	<0.2	0.0060	<0.2	0.186	<0.004	<0.01	<0.05	<0.025	<0.1	0.0153	<0.015	<0.0002	<0.010	<0.04	<0.005	<0.01	<0.02
IW-3	2/26/2013	na	0.0374	0.303	0.201	<0.005	**0.159**	0.0135	0.0309	**11.4**	0.0064	0.137	<0.0002	<0.02	0.147	<0.015	<0.007	0.0805
IW-4	4/20/2011	<0.2	0.0230	0.205	0.166	<0.004	<0.01	<0.05	<0.025	0.178	0.0157	0.0303	<0.0002	<0.010	<0.04	<0.005	<0.01	<0.02
IW-5	4/20/2011	<0.2	0.0284	0.881	0.344	<0.004	<0.01	<0.05	<0.025	**3.05**	0.015	0.124	<0.0002	0.0226	<0.04	<0.005	<0.01	<0.02
IW-7	4/20/2011	<0.2	0.0369	<0.2	0.281	<0.004	<0.01	<0.05	<0.025	0.210	0.0151	0.0356	<0.0002	<0.0002	<0.04	<0.005	<0.01	<0.02
IW-7 Duplicate	4/20/2011	<0.2	0.0364	<0.2	0.286	<0.004	<0.01	<0.05	<0.025	0.212	0.0176	0.0358	<0.0002	0.0310	<0.04	<0.005	<0.01	<0.02
SVE-1	4/20/2011	<0.2	<0.005	0.367	0.236	<0.004	<0.01	<0.005	<0.005	0.3060	0.0154	0.14500	<0.0002	<0.01	<0.04	<0.005	<0.01	<0.02

PAH Analytes

Well ID	Sample Date	2-Methylnaphthalene (ug/L)	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indeo(1,2,3-cd)pyrene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
NMWQCC groundwater quality standards		**30**	**ne**	**ne**	**ne**	**ne**	**0.70**	**ne**	**ne**	**ne**	**ne**	**ne**	**ne**	**ne**	**ne**	**30**	**ne**	**ne**
IW-2	4/20/2011	<0.21	<0.21	<0.21	<0.21	0.13	<0.21	<0.21	<0.21	<0.21	0.23	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
IW-2	2/26/2013	na	<0.10	<0.10	0.26	<0.10	<0.10	<0.10	0.11	<0.10	0.32	0.15	0.15	<0.10	0.14	<0.50	<0.50	0.23
IW-2 Duplicate	2/26/2013	na	<0.10	<0.10	0.37	<0.10	<0.10	<0.10	<0.10	<0.10	0.50	<0.10	0.23	<0.10	<0.10	<0.50	<0.50	0.33
IW-3	4/20/2011	<0.051	<0.051	<0.051	<0.051	<0.051	<0.71	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
IW-3	2/26/2013	na	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.50	<0.10
IW-4	4/20/2011	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
IW-5	4/20/2011	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	1.6	<0.21
IW-7	4/20/2011	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
IW-7 Duplicate	4/20/2011	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
SVE-1	4/20/2011	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23

Notes:
mg/L = Milligrams per liter
µg/L = Micrograms per liter
NMWQCC = New Mexico Water Quality Control Comission
<= analyte was not detected at or above the reported detection level.
na = not analyzed
ne = not established
Shaded/bolded values exceed their respective WQCC Standard for Ground Water provided in 20.6.2.3103 NMAC.
Duplicate = duplicate sample

Appendices

Appendix A

New Mexico Water Quality Control Commission Standards (NMWQCC 20.6.2.3103) effective November 15, 1996

NMAC TRANSMITTAL FORM Historical

1 NMAC 3.1.22 [7-1-94, 7-1-95] [Sequence No. 2.40]

1. Agency Name & Mailing Address

Water Quality Control Commission
P.O. Box 26110
Harold Runnels Bldg.
Santa Fe, New Mexico 87502-6110

2. Agency Account Code

667

3. Type of Rule Action

New ____ Emergency ____
Amending X Repealing ____

4. NMAC Title Name

Environmental Protection

NMAC Title Number

20

5. NMAC Chapter Name

Water Quality

NMAC Chapter Number

6

6. NMAC Part Name

Ground & Surface Water Protection

NMAC Part Number

2

7. Modified NMAC Name

Ground & Surface Water Protection

Modified NMAC Number

20 NMAC 6.2

Filing Date (if applicable)

10 / 27 / ~~96~~ 95

8. Are there any materials incorporated by reference?

No ___

Yes ___ Please list attachments: 1. ____
2. ____
3. ____

9. If materials are attached, have copyright permissions been received?

No ____ Yes ____ Public domain ____

10. Total Number of Pages: 83

11. Hearing Date of Rule: 09 / 10 / 96

12. Effective Date of Rule: 11 / 15 / 96

13. Contact Person: Bill Brancard

Phone Number: 505 . 827-6027

14. Signature & Title of Issuing Authority

Name: Mark E. Weidler, Chairman

Title: Water Quality Control Commission

Signature

10/15/96
Date Signed

SRC-95-04

SUBPART III - PERMITTING AND GROUND WATER STANDARDS

3101. PURPOSE.

A. The purpose of this Subpart controlling discharges onto or below the surface of the ground is to protect all ground water of the state of New Mexico which has an existing concentration of 10,000 mg/l or less TDS, for present and potential future use as domestic and agricultural water supply, and to protect those segments of surface waters which are gaining because of ground water inflow, for uses designated in the New Mexico Water Quality Standards. This Subpart is written so that in general: [2-18-77]

1. if the existing concentration of any water contaminant in ground water is in conformance with the standard of Section 3103 of this Part, degradation of the ground water up to the limit of the standard will be allowed; and [2-18-77]

2. if the existing concentration of any water contaminant in ground water exceeds the standard of Section 3103, no degradation of the ground water beyond the existing concentration will be allowed. [2-18-77]

B. Ground water standards are numbers that represent the pH range and maximum concentrations of water contaminants in the ground water which still allow for the present and future use of ground water resources. [2-18-77]

C. The standards are not intended as maximum ranges and concentrations for use, and nothing herein contained shall be construed as limiting the use of waters containing higher ranges and concentrations. [2-18-77]

[3102] Reserved

3103. STANDARDS FOR GROUND WATER OF 10,000 mg/l TDS CONCENTRATION OR LESS.

The following standards are the allowable pH range and the maximum allowable concentration in ground water for the contaminants specified unless the existing condition exceeds the standard or unless otherwise provided in Section 3109.D. Regardless of whether there is one contaminant or more than one contaminant present in ground water, when an existing pH or concentration of any water contaminant exceeds the standard specified in Subsection A, B, or C, the existing pH or concentration shall be the allowable limit, provided that the discharge at such concentrations will not result in concentrations at any place of withdrawal for present or reasonably foreseeable future use in excess of the standards of this Section.

These standards shall apply to the dissolved portion of the contaminants specified with a definition of dissolved being that

given in the publication "Methods for Chemical Analysis of Water and Waste of the U.S. Environmental Protection Agency," with the exception that standards for mercury, organic compounds and non-aqueous phase liquids shall apply to the total unfiltered concentrations of the contaminants. [2-18-77, 11-17-83, 3-3-86, 12-1-95]

A. Human Health Standards-Ground water shall meet the standards of Subsection A and B unless otherwise provided. If more than one water contaminant affecting human health is present, the toxic pollutant criteria as set forth in the definition of toxic pollutant in Section 1101 for the combination of contaminants, or the Human Health Standard of Section 3103.A. for each contaminant shall apply, whichever is more stringent.

Non-aqueous phase liquid shall not be present floating atop of or immersed within ground water, as can be reasonably measured.

Arsenic (As)	0.1 mg/l
Barium (Ba)	1.0 mg/l
Cadmium (Cd)	0.01 mg/l
Chromium (Cr)	0.05 mg/l
Cyanide (CN)	0.2 mg/l
Fluoride (F)	1.6 mg/l
Lead (Pb)	0.05 mg/l
Total Mercury (Hg)	0.002 mg/l
Nitrate (NO_3 as N)	10.0 mg/l
Selenium (Se)	0.05 mg/l
Silver (Ag)	0.05 mg/l
Uranium (U)	5.0 mg/l
Radioactivity: Combined Radium-226 & Radium-228	30.0 pCi/l
Benzene	0.01 mg/l
Polychlorinated biphenyls (PCB's)	0.001 mg/l
Toluene	0.75 mg/l
Carbon Tetrachloride	0.01 mg/l
1,2-dichloroethane (EDC)	0.01 mg/l
1,1-dichloroethylene (1,1-DCE)	0.005 mg/l
1,1,2,2-tetrachloroethylene (PCE)	0.02 mg/l
1,1,2-trichloroethylene (TCE)	0.1 mg/l
ethylbenzene	0.75 mg/l
total xylenes	0.62 mg/l
methylene chloride	0.1 mg/l
chloroform	0.1 mg/l
1,1-dichloroethane	0.025 mg/l
ethylene dibromide (EDB)	0.0001 mg/l
1,1,1-trichloroethane	0.06 mg/l
1,1,2-trichloroethane	0.01 mg/l
1,1,2,2-tetrachloroethane	0.01 mg/l
vinyl chloride	0.001 mg/l
PAHs: total naphthalene plus monomethylnaphthalenes	0.03 mg/l

benzo-a-pyrene 0.0007 mg/l
[2-18-77, 1-29-82, 3-3-86, 12-1-95]

B. Other Standards for Domestic Water Supply

Chloride (Cl)	250.0 mg/l
Copper (Cu)	1.0 mg/l
Iron (Fe)	1.0 mg/l
Manganese (Mn)	0.2 mg/l
Phenols	0.005 mg/l
Sulfate (SO_4)	600.0 mg/l
Total Dissolved Solids (TDS)	1000.0 mg/l
Zinc (Zn)	10.0 mg/l
pH	between 6 and 9

[2-18-77]

C. Standards for Irrigation Use - Ground water shall meet the standards of Subsection A, B, and C unless otherwise provided.

Aluminum (Al)	5.0 mg/l
Boron (B)	0.75 mg/l
Cobalt (Co)	0.05 mg/l
Molybdenum (Mo)	1.0 mg/l
Nickel (Ni)	0.2 mg/l

[2-18-77]

3104. DISCHARGE PLAN REQUIRED.

Unless otherwise provided by this Part, no person shall cause or allow effluent of leachate to discharge so that it may move directly of indirectly into ground water unless he is discharging pursuant to a discharge plan approved by the secretary. When a plan has been approved, discharges must be consistent with the terms and conditions of the plan. In the event of a transfer of the ownership, control, or possession of a facility for which an approved discharge plan is in effect, the transferee shall have authority to discharge under such plan, provided that the transferee has complied with Section 3111 of this Part, regarding transfers. [2-18-77, 12-24-87, 12-1-95]

3105. EXEMPTIONS FROM DISCHARGE PLAN REQUIREMENT.

Sections 3104 and 3106 of this Part do not apply to the following: [2-18-77]

A. Effluent or leachate which conforms to all the listed numerical standards of Section 3103 and has a total nitrogen concentration of 10 mg/l or less, and does not contain any toxic pollutant. To determine conformance, samples may be taken by the agency before the effluent or leachate is discharged so that it may move directly or indirectly into ground water; provided that if the discharge is by seepage through non-natural or altered natural

Appendix B

Laboratory Analytical Reports

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

April 11, 2023

David Bonga
GHD Services, Inc.
14998 West 6th Ave
Suite 800
Golden, CO 80401

RE: Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Dear David Bonga:

Enclosed are the analytical results for sample(s) received by the laboratory on April 03, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

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

Sincerely,

Jamie Church
jamie.church@pacelabs.com
314-838-7223
Project Manager

Enclosures

cc: Paulette Guzman, Pace Analytical Services, Inc.
Christopher Knight, GHD Services, Inc.
Angela McManus, Pace Analytical Services, Inc.
Erin Sullivan, GHD

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

CERTIFICATIONS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Pace Analytical Services Kansas

9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 22-031-0
Illinois Certification #: 2000302021-3
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212023-1
Oklahoma Certification #: 2022-057
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-21-15
Utah Certification #: KS000212022-12
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

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

SAMPLE SUMMARY

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60425404001	MW-34	Water	03/29/23 10:55	04/03/23 12:30
60425404002	MW-37	Water	03/29/23 14:00	04/03/23 12:30
60425404003	MW-29	Water	03/29/23 13:25	04/03/23 12:30
60425404004	MW-18	Water	03/29/23 17:38	04/03/23 12:30
60425404005	MW-39	Water	03/29/23 10:33	04/03/23 12:30
60425404006	DUP-01	Water	03/29/23 00:00	04/03/23 12:30
60425404007	MW-38	Water	03/29/23 12:00	04/03/23 12:30
60425404008	MW-22	Water	03/29/23 09:45	04/03/23 12:30
60425404009	MW-28	Water	03/30/23 09:50	04/03/23 12:30
60425404010	MW-30	Water	03/29/23 16:20	04/03/23 12:30
60425404011	MW-33	Water	03/29/23 14:37	04/03/23 12:30
60425404012	MW-21	Water	03/29/23 16:00	04/03/23 12:30
60425404013	MW-31	Water	03/29/23 15:50	04/03/23 12:30
60425404014	MW-32	Water	03/29/23 15:06	04/03/23 12:30

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SAMPLE ANALYTE COUNT

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60425404001	**MW-34**	EPA 8015B	YGR	3	PASI-K
60425404002	**MW-37**	EPA 8015B	YGR	3	PASI-K
60425404003	**MW-29**	EPA 8015B	YGR	3	PASI-K
60425404004	**MW-18**	EPA 8015B	YGR	3	PASI-K
60425404005	**MW-39**	EPA 8015B	YGR	3	PASI-K
60425404006	**DUP-01**	EPA 8015B	YGR	3	PASI-K
60425404007	**MW-38**	EPA 8015B	YGR	3	PASI-K
60425404008	**MW-22**	EPA 8015B	YGR	3	PASI-K
60425404009	**MW-28**	EPA 8015B	YGR	3	PASI-K
60425404010	**MW-30**	EPA 8015B	YGR	3	PASI-K
60425404011	**MW-33**	EPA 8015B	YGR	3	PASI-K
60425404012	**MW-21**	EPA 8015B	YGR	3	PASI-K
60425404013	**MW-31**	EPA 8015B	YGR	3	PASI-K
60425404014	**MW-32**	EPA 8015B	YGR	3	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-34 **Lab ID: 60425404001** Collected: 03/29/23 10:55 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 10:29		
Surrogates									
p-Terphenyl (S)	71	%	30-115		1	04/05/23 19:14	04/07/23 10:29	92-94-4	
n-Tetracosane (S)	65	%	30-110		1	04/05/23 19:14	04/07/23 10:29	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-37 **Lab ID: 60425404002** Collected: 03/29/23 14:00 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 10:37		
Surrogates									
p-Terphenyl (S)	81	%	30-115		1	04/05/23 19:14	04/07/23 10:37	92-94-4	
n-Tetracosane (S)	76	%	30-110		1	04/05/23 19:14	04/07/23 10:37	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-29 **Lab ID: 60425404003** Collected: 03/29/23 13:25 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	**0.40J**	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 10:45		
Surrogates									
p-Terphenyl (S)	71	%	30-115		1	04/05/23 19:14	04/07/23 10:45	92-94-4	
n-Tetracosane (S)	66	%	30-110		1	04/05/23 19:14	04/07/23 10:45	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-18 **Lab ID: 60425404004** Collected: 03/29/23 17:38 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 10:53		
Surrogates									
p-Terphenyl (S)	81	%	30-115		1	04/05/23 19:14	04/07/23 10:53	92-94-4	
n-Tetracosane (S)	76	%	30-110		1	04/05/23 19:14	04/07/23 10:53	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-39 **Lab ID: 60425404005** Collected: 03/29/23 10:33 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 11:02		
Surrogates									
p-Terphenyl (S)	73	%	30-115		1	04/05/23 19:14	04/07/23 11:02	92-94-4	
n-Tetracosane (S)	67	%	30-110		1	04/05/23 19:14	04/07/23 11:02	646-31-1	

REPORT OF LABORATORY ANALYSIS

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(913)599-5665

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: DUP-01 **Lab ID: 60425404006** Collected: 03/29/23 00:00 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 11:26		
Surrogates									
p-Terphenyl (S)	73	%	30-115		1	04/05/23 19:14	04/07/23 11:26	92-94-4	
n-Tetracosane (S)	68	%	30-110		1	04/05/23 19:14	04/07/23 11:26	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-38 **Lab ID: 60425404007** Collected: 03/29/23 12:00 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.50	0.38	1	04/05/23 19:14	04/07/23 11:34		
Surrogates									
p-Terphenyl (S)	83	%	30-115		1	04/05/23 19:14	04/07/23 11:34	92-94-4	
n-Tetracosane (S)	82	%	30-110		1	04/05/23 19:14	04/07/23 11:34	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-22 **Lab ID: 60425404008** Collected: 03/29/23 09:45 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 11:42		
Surrogates									
p-Terphenyl (S)	72	%	30-115		1	04/05/23 19:14	04/07/23 11:42	92-94-4	
n-Tetracosane (S)	59	%	30-110		1	04/05/23 19:14	04/07/23 11:42	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-28 **Lab ID: 60425404009** Collected: 03/30/23 09:50 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.48	0.36	1	04/05/23 19:14	04/07/23 11:50		
Surrogates									
p-Terphenyl (S)	86	%	30-115		1	04/05/23 19:14	04/07/23 11:50	92-94-4	
n-Tetracosane (S)	79	%	30-110		1	04/05/23 19:14	04/07/23 11:50	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-30 **Lab ID: 60425404010** Collected: 03/29/23 16:20 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	**0.47**	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 11:58		
Surrogates									
p-Terphenyl (S)	72	%	30-115		1	04/05/23 19:14	04/07/23 11:58	92-94-4	
n-Tetracosane (S)	76	%	30-110		1	04/05/23 19:14	04/07/23 11:58	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-33 **Lab ID: 60425404011** Collected: 03/29/23 14:37 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.50	0.38	1	04/05/23 19:14	04/07/23 12:06		
Surrogates									
p-Terphenyl (S)	86	%	30-115		1	04/05/23 19:14	04/07/23 12:06	92-94-4	
n-Tetracosane (S)	86	%	30-110		1	04/05/23 19:14	04/07/23 12:06	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-21 **Lab ID: 60425404012** Collected: 03/29/23 16:00 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.45	0.35	1	04/05/23 19:14	04/07/23 12:14		
Surrogates									
p-Terphenyl (S)	78	%	30-115		1	04/05/23 19:14	04/07/23 12:14	92-94-4	
n-Tetracosane (S)	79	%	30-110		1	04/05/23 19:14	04/07/23 12:14	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-31 **Lab ID: 60425404013** Collected: 03/29/23 15:50 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.48	0.36	1	04/05/23 19:14	04/07/23 12:22		
Surrogates									
p-Terphenyl (S)	85	%	30-115		1	04/05/23 19:14	04/07/23 12:22	92-94-4	
n-Tetracosane (S)	85	%	30-110		1	04/05/23 19:14	04/07/23 12:22	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Sample: MW-32 **Lab ID: 60425404014** Collected: 03/29/23 15:06 Received: 04/03/23 12:30 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 Pace Analytical Services - Kansas City								
TPH-DRO	ND	mg/L	0.48	0.36	1	04/05/23 19:14	04/07/23 12:46		
Surrogates									
p-Terphenyl (S)	84	%	30-115		1	04/05/23 19:14	04/07/23 12:46	92-94-4	
n-Tetracosane (S)	80	%	30-110		1	04/05/23 19:14	04/07/23 12:46	646-31-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

QC Batch: 840198 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510C Analysis Description: EPA 8015B
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60425404001, 60425404002, 60425404003, 60425404004, 60425404005, 60425404006, 60425404007, 60425404008, 60425404009, 60425404010, 60425404011, 60425404012, 60425404013, 60425404014

METHOD BLANK: 3330553 Matrix: Water
Associated Lab Samples: 60425404001, 60425404002, 60425404003, 60425404004, 60425404005, 60425404006, 60425404007, 60425404008, 60425404009, 60425404010, 60425404011, 60425404012, 60425404013, 60425404014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	0.38	04/07/23 09:40	
n-Tetracosane (S)	%	37	30-110		04/07/23 09:40	
p-Terphenyl (S)	%	43	30-115		04/07/23 09:40	

LABORATORY CONTROL SAMPLE: 3330554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	7.8	62	25-110	
n-Tetracosane (S)	%			82	30-110	
p-Terphenyl (S)	%			88	30-115	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

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.

TNTC - Too Numerous To Count

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 - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 12599846 P66 LINE NM 1-1
Pace Project No.: 60425404

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60425404001	**MW-34**	EPA 3510C	840198	EPA 8015B	840354
60425404002	**MW-37**	EPA 3510C	840198	EPA 8015B	840354
60425404003	**MW-29**	EPA 3510C	840198	EPA 8015B	840354
60425404004	**MW-18**	EPA 3510C	840198	EPA 8015B	840354
60425404005	**MW-39**	EPA 3510C	840198	EPA 8015B	840354
60425404006	**DUP-01**	EPA 3510C	840198	EPA 8015B	840354
60425404007	**MW-38**	EPA 3510C	840198	EPA 8015B	840354
60425404008	**MW-22**	EPA 3510C	840198	EPA 8015B	840354
60425404009	**MW-28**	EPA 3510C	840198	EPA 8015B	840354
60425404010	**MW-30**	EPA 3510C	840198	EPA 8015B	840354
60425404011	**MW-33**	EPA 3510C	840198	EPA 8015B	840354
60425404012	**MW-21**	EPA 3510C	840198	EPA 8015B	840354
60425404013	**MW-31**	EPA 3510C	840198	EPA 8015B	840354
60425404014	**MW-32**	EPA 3510C	840198	EPA 8015B	840354

WO# : 60425404

60425404

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-LENE-0009_Samp		
	Revision: 2	Effective Date: 01/12/2022	Issued By: Lenexa

Client Name: GHD

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

Tracking #: 5333 8758 9910 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: T299 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 1.5 **Corr. Factor** +0.2 **Corrected** 1.7

Date and initials of person examining contents: JA 4/15/23

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	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☑Yes ☐No ☐N/A	
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	Received MW-29 with one of the containers empty
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	
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? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) **LOT#:**	☐Yes ☐No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks: 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	
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State:	☐Yes ☐No ☑N/A	
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: _____

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Company Name/Address:	David Bonga, GHD 200 W Allegan Street, Suite 300 Plainwell, MI 49080
Billing Information:	
Report to:	David Bonga
Email To:	david.bonga@ghd.com
Project Description:	Phillips 66 Line NM 11
City/State Collected:	NM
Please Circle:	PT (MT) CT ET
Phone:	720-974-0951
Client Project #	12599846
Lab Project #	
Collected by (print):	Rachel Duffy
Site/Facility ID #	
P.O. #	
Collected by (signature):	
Immediately Packed on Ice N ___ Y ✓	
Rush? (Lab MUST Be Notified)	___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Quote #	
Date Results Needed	
No. of Cntrs	

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	D20	Trip Blank		no preservative							Remarks	Sample # (lab only)
MW-34	G	GW		3-29-23	1055	2	X			X								
MW-37	G	GW		3-29-23	1400	2	X			X								
MW-29	G	GW		3-29-23	1325	2	X			X								
MW-18	G	GW		3-29-23	1738	2	X			X								
MW-39	G	GW		3-29-23	1033	2	X			X								
DUP-01	G	GW		3-29-23	-	2	X			X								
MW-38	G	GW		3-29-23	1200	2	X			X								
MW-22	G	GW		3-29-23	0945	2	X			X								
MW-28	G	GW		3-30-23	0950	2	X			X								
MW-30	G	GW		3-29-23	1620	2	X			X								

SDG #

Table #

Acctnum:

Template:

Prelogin: 604254O4

PM:

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP Y N
COC Signed/Accurate:	Y N
Bottles arrive intact:	Y N
Correct bottles used:	Y N
Sufficient volume sent:	Y N
If Applicable	
VOA Zero Headspace:	Y N
Preservation Correct/Checked:	Y N
RAD Screen <0.5 mR/hr:	Y N

Relinquished by: (Signature)	Date: 4/3/23	Time: 1230	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.7 °C Bottles Received:
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
David Bonga, GHD
200 W Allegan Street, Suite 300
Plainwell, MI 49080

Billing Information:

Report to: David Bonga

Email To: david.bonga@ghd.com

Project Description: Phillips 66 Line NM 1-1

City/State Collected: NM

Please Circle: PT (MT) CT ET

Phone: 720-974-0951

Client Project # 12599846

Lab Project #

Collected by (print): Rachel Duffy

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG #

Table #

Acctnum:

Template:

Prelogin: 6042540

PM:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	DRO	Trip Blank		no preservative						Remarks	Sample # (lab only)
MW-33	G	GW		3-29-23	1437	2	X			X							
MW-21	G	GW		3-29-23	1600	2	X			X							
MW-31	G	GW		3-29-23	1550	2	X			X							
MW-32	G	GW		3-29-23	1506	2	X			X							
Trip Blank -02	G	GW		3-30-23	0955	3	X	X		X							

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Rachel Duffy	4/3/23	1230		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.7 °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

DC#_Title: ENV-FRM-LENE-0001_Sample Container Count
Revision: 3 | Effective Date: 12/22/2021 | Issued by: Lenexa

Client: GHD

Profile # 14678 Line 1

Site: Phillips 66 Line NM 1-1

Notes Sample 3 is missing 1 container

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other		
1	WT													2																		
2														2																		
3														1																		
4														2																		
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass			
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar
DG9H	40mL HCl amber voa vial	WGFU	4oz clear soil jar
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass
BG1U	1liter unpres glass	AG3S	250mL H2SO4 amber glass
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass
		AG5U	100mL unpres amber glass

Plastic	
BP1C	1L NAOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn Acetate
BP2C	500mL NAOH plastic
BP2N	500mL HNO3 plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Acetate
BP3C	250mL NaOH plastic
BP3F	250mL HNO3 plastic - field filtered
BP3N	250mL HNO3 plastic
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Acetate
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic
WPDU	16oz unpresserved plstic

Misc.	
I	Wipe/Swab
SP5T	120mL Coliform Na Thiosulfate
ZPLC	Ziploc Bag
AF	Air Filter
C	Air Cassettes
R	Terracore Kit
U	Summa Can

Matrix	
WT	Water
SL	Solid
NAL	Non-aqueous Liquid
OL	OIL
WP	Wipe
DW	Drinking Water

Work Order Number: 60425404

Client: GHD

Profile # 14678 Line 1

Site: Phillips 66 Line NM 1-1

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other		
1	WT																															
2	↓													↓																		
3																																
4																																
5	↓				3	Trip Blank																										
6																																
7																																
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Container Codes

Glass			
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar
DG9H	40mL HCl amber voa vial	WGFU	4oz clear soil jar
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass
BG1U	1liter unpres glass	AG3S	250mL H2SO4 amber glass
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass
		AG5U	100mL unpres amber glass

Plastic	
BP1C	1L NAOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn Acetate
BP2C	500mL NAOH plastic
BP2N	500mL HNO3 plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Acetate
BP3C	250mL NaOH plastic
BP3F	250mL HNO3 plastic - field filtered
BP3N	250mL HNO3 plastic
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Acetate
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic
WPDU	16oz unpresserved plstic

Misc.	
I	Wipe/Swab
SP5T	120mL Coliform Na Thiosulfate
ZPLC	Ziploc Bag
AF	Air Filter
C	Air Cassettes
R	Terracore Kit
U	Summa Can

Matrix	
WT	Water
SL	Solid
NAL	Non-aqueous Liquid
OL	OIL
WP	Wipe
DW	Drinking Water

Work Order Number: 60425404

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

October 10, 2023

David Bonga
GHD Services, Inc.
14998 West 6th Ave
Suite 800
Golden, CO 80401

RE: Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Dear David Bonga:

Enclosed are the analytical results for sample(s) received by the laboratory on September 25, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

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

Sincerely,

Jamie Church
jamie.church@pacelabs.com
314-838-7223
Project Manager

Enclosures

cc: Paulette Guzman, Pace Analytical Services, Inc.
Christopher Knight, GHD Services, Inc.
Angela McManus, Pace Analytical Services, Inc.
GHD Email Repository, GHD
Erin Sullivan, GHD

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Pace Analytical Services Kansas

9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 88-00679
Illinois Certification #: 2000302023-5
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212023-1
Oklahoma Certification #: 2022-057
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-22-16
Utah Certification #: KS000212022-12
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

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SAMPLE SUMMARY

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60438258001	MW-18	Water	09/21/23 11:20	09/25/23 07:20
60438258002	MW-21	Water	09/21/23 11:15	09/25/23 07:20
60438258003	MW-22	Water	09/21/23 12:05	09/25/23 07:20
60438258004	MW-28	Water	09/21/23 12:08	09/25/23 07:20
60438258005	MW-29	Water	09/21/23 13:18	09/25/23 07:20
60438258006	MW-30	Water	09/21/23 13:30	09/25/23 07:20
60438258007	MW-31	Water	09/21/23 14:02	09/25/23 07:20
60438258008	MW-32	Water	09/21/23 14:15	09/25/23 07:20
60438258009	MW-33	Water	09/21/23 14:45	09/25/23 07:20
60438258010	MW-34	Water	09/21/23 15:50	09/25/23 07:20
60438258011	MW-37	Water	09/21/23 15:37	09/25/23 07:20
60438258012	MW-38	Water	09/21/23 16:21	09/25/23 07:20
60438258013	MW-39	Water	09/21/23 16:15	09/25/23 07:20
60438258014	DUP-01	Water	09/21/23 00:00	09/25/23 07:20
60438258015	TRIP BLANK-01	Water	09/21/23 17:00	09/25/23 07:20

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SAMPLE ANALYTE COUNT

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60438258001	**MW-18**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258002	**MW-21**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258003	**MW-22**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258004	**MW-28**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258005	**MW-29**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258006	**MW-30**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258007	**MW-31**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258008	**MW-32**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258009	**MW-33**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258010	**MW-34**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258011	**MW-37**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258012	**MW-38**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258013	**MW-39**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258014	**DUP-01**	EPA 8015B	WFG	3	PASI-K
		EPA 8260	JLO	9	PASI-K
60438258015	**TRIP BLANK-01**	EPA 8260	JLO	9	PASI-K

PASI-K = Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-18 **Lab ID: 60438258001** Collected: 09/21/23 11:20 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.48	1	09/27/23 13:24	09/27/23 20:33		
Surrogates								
p-Terphenyl (S)	72	%	30-115	1	09/27/23 13:24	09/27/23 20:33	92-94-4	
n-Tetracosane (S)	63	%	30-110	1	09/27/23 13:24	09/27/23 20:33	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 14:15	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 14:15	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 14:15	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 14:15		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 14:15	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		10/05/23 14:15	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		10/05/23 14:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1		10/05/23 14:15	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 14:15		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-21 **Lab ID: 60438258002** Collected: 09/21/23 11:15 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.53	1	09/27/23 13:24	09/27/23 20:41		
Surrogates								
p-Terphenyl (S)	69	%	30-115	1	09/27/23 13:24	09/27/23 20:41	92-94-4	
n-Tetracosane (S)	68	%	30-110	1	09/27/23 13:24	09/27/23 20:41	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 14:31	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 14:31	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 14:31	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 14:31		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 14:31	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/05/23 14:31	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		10/05/23 14:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1		10/05/23 14:31	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 14:31		

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-22 **Lab ID: 60438258003** Collected: 09/21/23 12:05 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.50	1	09/27/23 13:24	09/27/23 20:49		
Surrogates								
p-Terphenyl (S)	72	%	30-115	1	09/27/23 13:24	09/27/23 20:49	92-94-4	
n-Tetracosane (S)	69	%	30-110	1	09/27/23 13:24	09/27/23 20:49	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 14:47	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 14:47	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 14:47	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 14:47		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 14:47	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/05/23 14:47	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		10/05/23 14:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		10/05/23 14:47	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 14:47		

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-28 **Lab ID: 60438258004** Collected: 09/21/23 12:08 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.45	1	09/27/23 13:24	09/27/23 20:57		
Surrogates								
p-Terphenyl (S)	67	%	30-115	1	09/27/23 13:24	09/27/23 20:57	92-94-4	
n-Tetracosane (S)	59	%	30-110	1	09/27/23 13:24	09/27/23 20:57	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 15:04	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 15:04	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 15:04	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 15:04		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 15:04	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/05/23 15:04	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		10/05/23 15:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1		10/05/23 15:04	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 15:04		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-29 **Lab ID: 60438258005** Collected: 09/21/23 13:18 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	**0.50**	mg/L	0.48	1	09/27/23 13:24	09/27/23 21:05		
Surrogates								
p-Terphenyl (S)	72	%	30-115	1	09/27/23 13:24	09/27/23 21:05	92-94-4	
n-Tetracosane (S)	67	%	30-110	1	09/27/23 13:24	09/27/23 21:05	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 15:20	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 15:20	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 15:20	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 15:20		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 15:20	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/05/23 15:20	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		10/05/23 15:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1		10/05/23 15:20	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 15:20		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-30 **Lab ID: 60438258006** Collected: 09/21/23 13:30 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.45	1	09/27/23 13:24	09/27/23 21:13		
Surrogates								
p-Terphenyl (S)	72	%	30-115	1	09/27/23 13:24	09/27/23 21:13	92-94-4	
n-Tetracosane (S)	67	%	30-110	1	09/27/23 13:24	09/27/23 21:13	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 15:36	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 15:36	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 15:36	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 15:36		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 15:36	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		10/05/23 15:36	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		10/05/23 15:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		10/05/23 15:36	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 15:36		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-31 **Lab ID: 60438258007** Collected: 09/21/23 14:02 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.45	1	09/27/23 13:24	09/27/23 21:37		
Surrogates								
p-Terphenyl (S)	78	%	30-115	1	09/27/23 13:24	09/27/23 21:37	92-94-4	
n-Tetracosane (S)	73	%	30-110	1	09/27/23 13:24	09/27/23 21:37	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 15:52	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 15:52	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 15:52	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 15:52		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 15:52	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		10/05/23 15:52	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		10/05/23 15:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		10/05/23 15:52	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 15:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-32 **Lab ID: 60438258008** Collected: 09/21/23 14:15 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.50	1	09/27/23 13:24	09/27/23 21:45		
Surrogates								
p-Terphenyl (S)	56	%	30-115	1	09/27/23 13:24	09/27/23 21:45	92-94-4	
n-Tetracosane (S)	52	%	30-110	1	09/27/23 13:24	09/27/23 21:45	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 16:08	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 16:08	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 16:08	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 16:08		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 16:08	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/05/23 16:08	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		10/05/23 16:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		10/05/23 16:08	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 16:08		

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-33 **Lab ID: 60438258009** Collected: 09/21/23 14:45 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.48	1	09/27/23 13:24	09/27/23 21:53		
Surrogates								
p-Terphenyl (S)	69	%	30-115	1	09/27/23 13:24	09/27/23 21:53	92-94-4	
n-Tetracosane (S)	63	%	30-110	1	09/27/23 13:24	09/27/23 21:53	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 16:25	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 16:25	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 16:25	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 16:25		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 16:25	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		10/05/23 16:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		10/05/23 16:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1		10/05/23 16:25	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 16:25		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-34 **Lab ID: 60438258010** Collected: 09/21/23 15:50 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	ND	mg/L	0.53	1	09/27/23 13:24	09/27/23 22:01		
Surrogates								
p-Terphenyl (S)	77	%	30-115	1	09/27/23 13:24	09/27/23 22:01	92-94-4	
n-Tetracosane (S)	74	%	30-110	1	09/27/23 13:24	09/27/23 22:01	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 16:41	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 16:41	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 16:41	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 16:41		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 16:41	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/05/23 16:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		10/05/23 16:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1		10/05/23 16:41	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 16:41		

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-37 **Lab ID: 60438258011** Collected: 09/21/23 15:37 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	**0.84**	mg/L	0.50	1	09/27/23 13:24	09/27/23 22:09		
Surrogates								
p-Terphenyl (S)	68	%	30-115	1	09/27/23 13:24	09/27/23 22:09	92-94-4	
n-Tetracosane (S)	66	%	30-110	1	09/27/23 13:24	09/27/23 22:09	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 16:57	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 16:57	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 16:57	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 16:57		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 16:57	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		10/05/23 16:57	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		10/05/23 16:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1		10/05/23 16:57	2199-69-1	
Preservation pH	**3.0**		0.10	1		10/05/23 16:57		pH

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-38 **Lab ID: 60438258012** Collected: 09/21/23 16:21 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	**0.64**	mg/L	0.48	1	09/27/23 13:24	09/27/23 22:18		
Surrogates								
p-Terphenyl (S)	73	%	30-115	1	09/27/23 13:24	09/27/23 22:18	92-94-4	
n-Tetracosane (S)	67	%	30-110	1	09/27/23 13:24	09/27/23 22:18	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 17:13	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 17:13	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 17:13	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 17:13		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 17:13	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	80-120	1		10/05/23 17:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		10/05/23 17:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		10/05/23 17:13	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 17:13		

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: MW-39 **Lab ID: 60438258013** Collected: 09/21/23 16:15 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	**0.58**	mg/L	0.48	1	09/27/23 13:24	09/27/23 22:26		
Surrogates								
p-Terphenyl (S)	75	%	30-115	1	09/27/23 13:24	09/27/23 22:26	92-94-4	
n-Tetracosane (S)	67	%	30-110	1	09/27/23 13:24	09/27/23 22:26	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 17:29	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 17:29	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 17:29	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 17:29		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 17:29	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/05/23 17:29	2037-26-5	
4-Bromofluorobenzene (S)	95	%	80-120	1		10/05/23 17:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		10/05/23 17:29	2199-69-1	
Preservation pH	**6.0**		0.10	1		10/05/23 17:29		pH

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: DUP-01 **Lab ID: 60438258014** Collected: 09/21/23 00:00 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C Pace Analytical Services - Kansas City							
TPH-DRO	**1.2**	mg/L	0.45	1	09/27/23 13:24	09/27/23 22:34		
Surrogates								
p-Terphenyl (S)	66	%	30-115	1	09/27/23 13:24	09/27/23 22:34	92-94-4	
n-Tetracosane (S)	61	%	30-110	1	09/27/23 13:24	09/27/23 22:34	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 17:45	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 17:45	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 17:45	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 17:45		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 17:45	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1		10/05/23 17:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		10/05/23 17:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		10/05/23 17:45	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 17:45		

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ANALYTICAL RESULTS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Sample: TRIP BLANK-01 **Lab ID: 60438258015** Collected: 09/21/23 17:00 Received: 09/25/23 07:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		10/05/23 13:59	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		10/05/23 13:59	100-41-4	
Toluene	ND	mg/L	0.0010	1		10/05/23 13:59	108-88-3	
TPH-GRO	ND	mg/L	0.50	1		10/05/23 13:59		
Xylene (Total)	ND	mg/L	0.0030	1		10/05/23 13:59	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1		10/05/23 13:59	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		10/05/23 13:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1		10/05/23 13:59	2199-69-1	
Preservation pH	**1.0**		0.10	1		10/05/23 13:59		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

QC Batch: 867364
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV MO GRO Oxygenates
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60438258001, 60438258002, 60438258003, 60438258004, 60438258005, 60438258006, 60438258007, 60438258008, 60438258009, 60438258010, 60438258011, 60438258012, 60438258013, 60438258014, 60438258015

METHOD BLANK: 3434913
Matrix: Water
Associated Lab Samples: 60438258001, 60438258002, 60438258003, 60438258004, 60438258005, 60438258006, 60438258007, 60438258008, 60438258009, 60438258010, 60438258011, 60438258012, 60438258013, 60438258014, 60438258015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	mg/L	ND	0.0010	10/05/23 13:17	
Ethylbenzene	mg/L	ND	0.0010	10/05/23 13:17	
Toluene	mg/L	ND	0.0010	10/05/23 13:17	
TPH-GRO	mg/L	ND	0.50	10/05/23 13:17	
Xylene (Total)	mg/L	ND	0.0030	10/05/23 13:17	
1,2-Dichlorobenzene-d4 (S)	%	103	80-120	10/05/23 13:17	
4-Bromofluorobenzene (S)	%	102	80-120	10/05/23 13:17	
Toluene-d8 (S)	%	98	80-120	10/05/23 13:17	

LABORATORY CONTROL SAMPLE: 3434914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/L	0.02	0.022	111	80-120	
Ethylbenzene	mg/L	0.02	0.023	114	80-120	
Toluene	mg/L	0.02	0.021	104	80-120	
TPH-GRO	mg/L	4	4.6	114	70-135	
Xylene (Total)	mg/L	0.06	0.070	117	75-120	
1,2-Dichlorobenzene-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			98	80-120	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

QC Batch: 866277
QC Batch Method: EPA 3510C
Analysis Method: EPA 8015B
Analysis Description: EPA 8015B
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60438258001, 60438258002, 60438258003, 60438258004, 60438258005, 60438258006, 60438258007, 60438258008, 60438258009, 60438258010, 60438258011, 60438258012, 60438258013, 60438258014

METHOD BLANK: 3430473
Matrix: Water
Associated Lab Samples: 60438258001, 60438258002, 60438258003, 60438258004, 60438258005, 60438258006, 60438258007, 60438258008, 60438258009, 60438258010, 60438258011, 60438258012, 60438258013, 60438258014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	09/27/23 20:16	
n-Tetracosane (S)	%	54	30-110	09/27/23 20:16	
p-Terphenyl (S)	%	55	30-115	09/27/23 20:16	

LABORATORY CONTROL SAMPLE: 3430474

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	6.5	52	25-110	
n-Tetracosane (S)	%			70	30-110	
p-Terphenyl (S)	%			69	30-115	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

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.

TNTC - Too Numerous To Count

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 - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 12599846 P66 AOC3374-LINE NM-1
Pace Project No.: 60438258

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60438258001	**MW-18**	EPA 3510C	866277	EPA 8015B	866458
60438258002	**MW-21**	EPA 3510C	866277	EPA 8015B	866458
60438258003	**MW-22**	EPA 3510C	866277	EPA 8015B	866458
60438258004	**MW-28**	EPA 3510C	866277	EPA 8015B	866458
60438258005	**MW-29**	EPA 3510C	866277	EPA 8015B	866458
60438258006	**MW-30**	EPA 3510C	866277	EPA 8015B	866458
60438258007	**MW-31**	EPA 3510C	866277	EPA 8015B	866458
60438258008	**MW-32**	EPA 3510C	866277	EPA 8015B	866458
60438258009	**MW-33**	EPA 3510C	866277	EPA 8015B	866458
60438258010	**MW-34**	EPA 3510C	866277	EPA 8015B	866458
60438258011	**MW-37**	EPA 3510C	866277	EPA 8015B	866458
60438258012	**MW-38**	EPA 3510C	866277	EPA 8015B	866458
60438258013	**MW-39**	EPA 3510C	866277	EPA 8015B	866458
60438258014	**DUP-01**	EPA 3510C	866277	EPA 8015B	866458
60438258001	**MW-18**	EPA 8260	867364		
60438258002	**MW-21**	EPA 8260	867364		
60438258003	**MW-22**	EPA 8260	867364		
60438258004	**MW-28**	EPA 8260	867364		
60438258005	**MW-29**	EPA 8260	867364		
60438258006	**MW-30**	EPA 8260	867364		
60438258007	**MW-31**	EPA 8260	867364		
60438258008	**MW-32**	EPA 8260	867364		
60438258009	**MW-33**	EPA 8260	867364		
60438258010	**MW-34**	EPA 8260	867364		
60438258011	**MW-37**	EPA 8260	867364		
60438258012	**MW-38**	EPA 8260	867364		
60438258013	**MW-39**	EPA 8260	867364		
60438258014	**DUP-01**	EPA 8260	867364		
60438258015	**TRIP BLANK-01**	EPA 8260	867364		

WO# : 60438258

60438258

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-LENE-0009_Sample	
	Revision: 2	Effective Date: 01/12/2022	Issued By: Lenexa

Client Name: GHD

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

Tracking #: 6432 1391 1430 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: T298 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 2.7 **Corr. Factor** -0.3 **Corrected** 2.4

Date and initials of person examining contents: AF 9/29

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	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☑Yes ☐No ☐N/A	
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	
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? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) **LOT#:**	☐Yes ☐No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks: 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	
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State:	☐Yes ☐No ☑N/A	
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: _____

Qualtrax Document ID: 30468

Page 1 of 1

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: GHD Services, Inc.	Report To: David Bonga	Attention:
Address: 14998 West 6th Ave, Suite 800	Copy To: Christopher Knight	Company Name: GHD
Golden, CO 80401		Address:
Email: christopher.knight@ghd.com	Purchase Order #:	Pace Quote:
Phone: 512-506-8803 Fax	Project Name: 12599846 P66 AOC 3374 - Line NM 1-1	Pace Project Manager: Jamie Church
Requested Due Date:	Project #:	Pace Profile #: 13804, line 1

Regulatory Agency:

State / Location: NM

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	Requested Analysis Filtered (Y/N): 8260 BTEX, GRO	8015 DRO	Residual Chlorine (Y/N)	604302 S8
1	MW-18	WT	G			9/21/23	1120		5	2			3						3	2		
2	MW-21	"	"			"	1115		"	"			"						"	"		
3	MW-22	"	"			"	1205		"	"			"						"	"		
4	MW-28	"	"			"	1208		"	"			"						"	"		
5	MW-29	"	"			"	1318		"	"			"						"	"		
6	MW-30	"	"			"	1330		"	"			"						"	"		
7	MW-31	"	"			"	1402		"	"			"						"	"		
8	MW-32	"	"			"	1415		"	"			"						"	"		
9	MW-33	"	"			"	1445		"	"			"						"	"		
10	MW-34	"	"			"	1550		"	"			"						"	"		
11	MW-37	"	"			"	1537		"	"			"						"	"		
12	MW-38	"	"			"	1621		"	"			"						"	"		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Joy Gruenbacher	9/21/23	1700	[signature]	9/22	0720	2-4	X	X	X

Database Facility Code: 075017-PH-LineNM1

SAMPLER NAME AND SIGNATURE			TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Joy Gruenbacher					
SIGNATURE of SAMPLER:	Joy Gruenbacher	DATE Signed: 9/21/23				

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 2 of 2

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: GHD Services, Inc.	Report To: David Bonga	Attention:
Address: 14998 West 6th Ave. Suite 800	Copy To: Christopher Knight	Company Name: GHD
Golden, CO 80401		Address:
Email: christopher.knight@ghd.com	Purchase Order #:	Pace Quote:
Phone: 512-506-8803 Fax	Project Name: 12599846 P66 AOC 3374 - Line NM 1-1	Pace Project Manager: Jamie Church
Requested Due Date:	Project #:	Pace Profile #: 13804, line 1

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

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, GRO	8015 DRO	Residual Chlorine (Y/N)	60/38896
1	MW-39	W	G			9/21/23	1615		5	2			3						3	2		
2	Dup-01	↓	↓			↓	–		↓	↓			↓						↓	↓		
3	Trip Blank-01	↓	↓			↓	1700		3										3			
4																						
5																						
6																						
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)
	[signature]	9/21/23	1700	[signature] PASI	9/22	0720	2.4	Y	Y	Y

Database Facility Code: 075017-PH-LineNM1

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Joy Gruenbacher
SIGNATURE of SAMPLER: [signature] DATE Signed: 9/21/23

Client: GHD

Profile # 13804-1

Site: P66 AOC 3374-Line NM 1-1

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other		
1	WT	3												2																		
2		3												2																		
3		3												2																		
4		3												2																		
5		3												2																		
6		3												2																		
7		3												2																		
8		3												2																		
9		3												2																		
10		3												2																		
11		3												2																		
12		3												2																		

Container Codes

Glass			
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar
DG9H	40mL HCl amber voa vial	WGFU	4oz clear soil jar
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass
BG1U	1liter unpres glass	AG3S	250mL H2SO4 amber glass
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass
		AG5U	100mL unpres amber glass

Plastic	
BP1C	1L NAOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn Acetate
BP2C	500mL NAOH plastic
BP2N	500mL HNO3 plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Acetate
BP3C	250mL NaOH plastic
BP3F	250mL HNO3 plastic - field filtered
BP3N	250mL HNO3 plastic
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Acetate
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic
WPDU	16oz unpresserved plstic

Misc.	
I	Wipe/Swab
SP5T	120mL Coliform Na Thiosulfate
ZPLC	Ziploc Bag
AF	Air Filter
C	Air Cassettes
R	Terracore Kit
U	Summa Can

Matrix	
WT	Water
SL	Solid
NAL	Non-aqueous Liquid
OL	OIL
WP	Wipe
DW	Drinking Water

Work Order Number: 604382 58

Client: GHD

Profile # 13804-1

Site: P66 AOC 3374-Line NM 1-1

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other		
1	WT	3												2																		
2		2																														
3		2																														
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass			
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar
DG9H	40mL HCl amber voa vial	WGFU	4oz clear soil jar
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass
BG1U	1liter unpres glass	AG3S	250mL H2SO4 amber glass
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass
		AG5U	100mL unpres amber glass

Plastic	
BP1C	1L NAOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn Acetate
BP2C	500mL NAOH plastic
BP2N	500mL HNO3 plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Acetate
BP3C	250mL NaOH plastic
BP3F	250mL HNO3 plastic - field filtered
BP3N	250mL HNO3 plastic
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Acetate
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic
WPDU	16oz unpresserved plstic

Misc.	
I	Wipe/Swab
SP5T	120mL Coliform Na Thiosulfate
ZPLC	Ziploc Bag
AF	Air Filter
C	Air Cassettes
R	Terracore Kit
U	Summa Can

Matrix	
WT	Water
SL	Solid
NAL	Non-aqueous Liquid
OL	OIL
WP	Wipe
DW	Drinking Water

Work Order Number: 604382S8

Appendix C

AcuVac Remediation Report

AcuVac Remediation

May 9, 2023

Mr. David Bonga, PE
Project Engineer
GHD Services
1526 Cole Boulevard, Suite 275
Lakewood, Colorado 80401

Re: Phillips 66 Company Line NM 1-1 Site, Lea County, Hobbs, NM, (SVE/EVR Event #1)

Dear David:

At your request, AcuVac Remediation, LLC (AcuVac) performed Event #1; a series of Soil Vapor Extraction with Enhanced Vapor Recovery (SVE/EVR) events on multiple wells at the above referenced site (Site) as outlined in the following table.

Event Number	Well Number	Event Type	Event Duration (hrs.)	Date
#1A	RW-1	SVE/EVR	8.0	04/25/2023
#1B	RW-2	SVE/EVR	8.0	04/26/2023
#1C	RW-3	SVE/EVR	8.0	04/27/2023

Following is the Report and a copy of the Operating Data collected during Event #1.

PROJECT OVERVIEW

The purpose of SVE events is to enhance recovery of Phase Separated Hydrocarbons (PSH) through the removal of both liquid and vapor phases of petroleum hydrocarbons. PSH refers to both petroleum hydrocarbons and Non-Aqueous Phase Liquids (NAPL). The source of the PSH is a historical pipeline release.

The objectives of the SVE/EVR events were to:

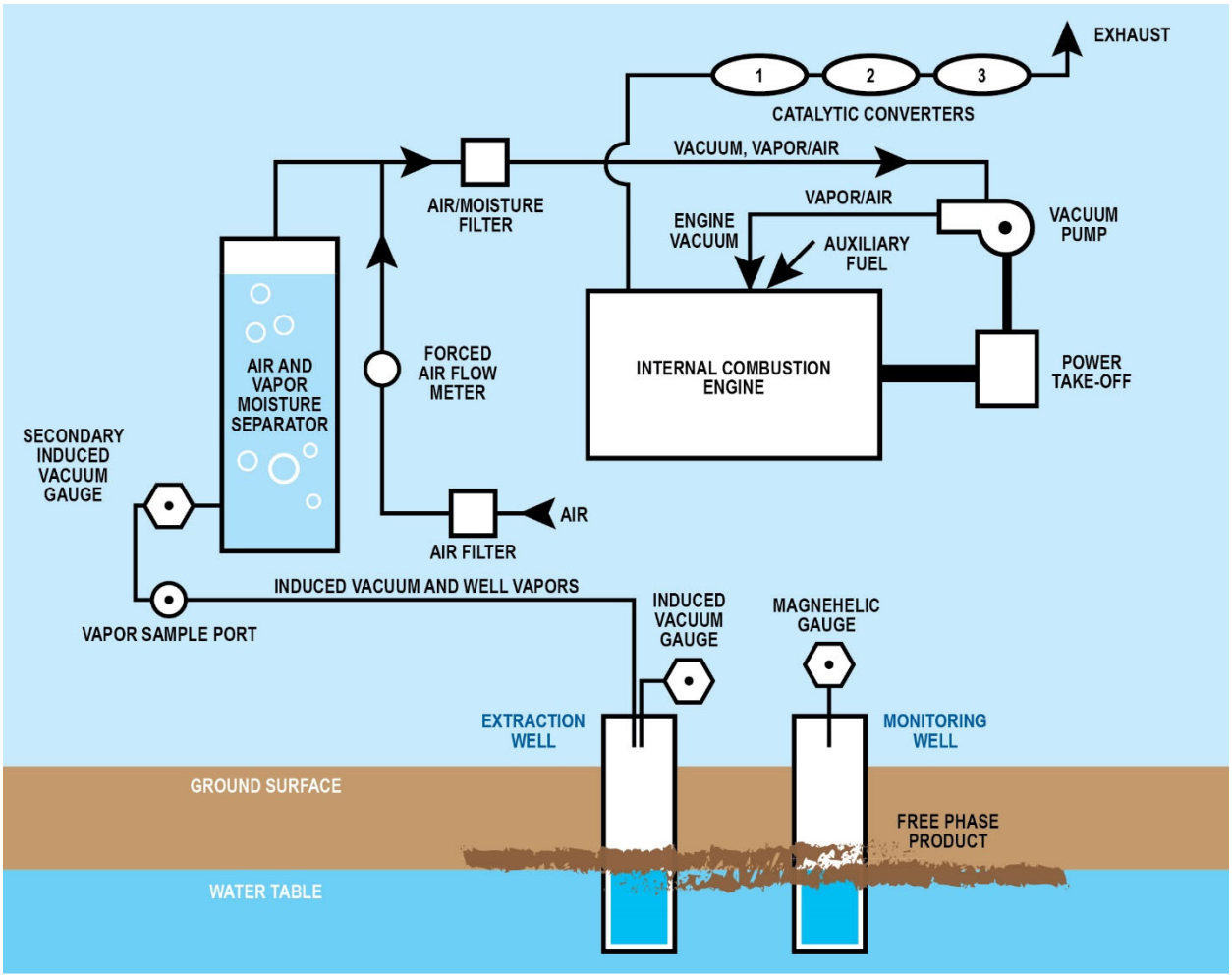
- Maximize liquid and vapor phase total petroleum hydrocarbon (TPH) removal from groundwater and soils in the subsurface formations within the influence of the extraction well.
- Expose the capillary fringe area and below to the extraction well induced vacuums.
- Increase the liquid and vapor phase petroleum hydrocarbon specific yields with high induced vacuums.

METHODS AND EQUIPMENT

AcuVac owns and maintains an inventory of equipment to perform SVE events and uses no third-party equipment. The events at the Site were conducted using the AcuVac I-6 System (System) with a Roots RAI-33 blower, used as a vacuum pump, and a Roots RAI-22 positive displacement blower. The table below lists additional equipment and instrumentation employed, and the data element captured by each.

Equipment and Instrumentation Employed by AcuVac	
Measurement Equipment	**Data Element**
Extraction Well Induced Vacuum and Flow	
Dwyer Magnehelic Gauges	Extraction Well Vacuum
Dwyer Averaging Pitot Tubes / Magnehelic Gauges	Extraction Well Vapor Flow
Dwyer Rotameter	Extraction Well Vapor Flow
Observation Wells	
Dwyer Digital Manometer	Vacuum / Pressure Influence
Extraction Well Vapor Monitoring	
V-1 Vacuum Box	Extraction Well Non-Diluted Vapor Sample Collection
HORIBA® Analyzer	Extraction Well Vapor TPH Concentration
RKI 1200 O_2 Monitor	Extraction Well Vapor Oxygen Content
LNAPL Thickness (if present)	
Solinst Interface Probes Model 122	Depth to LNAPL and Depth to Groundwater
Atmospheric Conditions	
Testo Model 511	Relative and Absolute Barometric Pressure

THE ACUVAC SYSTEM



The vacuum extraction portion of the System consists of a vacuum pump driven by an internal combustion engine (IC engine). The vacuum pump connects to the extraction well, and the vacuum created on the extraction well causes light hydrocarbons in the soil to volatilize and flow through the moisture knockout tank to the vacuum pump and the IC engine where they burn as part of the normal combustion process. Auxiliary propane powers the engine if the well vapors do not provide the required energy.

The IC engine provides the power necessary to achieve and maintain high induced vacuums and/or high well vapor flows needed to maximize the vacuum radius of influence.

Manual valves control the well flow, ambient air flow to the engine, and dilution air that is part of the well vapor stream. The well flow is recorded on a Dwyer rotameter in actual cubic feet per minute (ACFM). The ACFM is then converted, promptly for each reading during the test, to standard cubic feet per minute (SCFM) based upon the influent air temperature, elevation (pressure) and the applied well vacuum. The calculation is performed for each well flow reading. Dilution air is added to the well stream, as required. Dilution air is controlled via a valve on a Dwyer rotameter which measures flow in cubic feet per hour (CFH) and is then converted to ACFM.

Emissions from the engine pass through three catalytic converters to maximize destruction of effluent hydrocarbon vapors. The engine's fuel-to-air ratio is adjusted to maintain efficient combustion. Because the engine powers all equipment, the System stops when the engine stops preventing uncontrolled release of hydrocarbons. Since the System operates entirely under vacuum, any leaks in the seals or connections leak into the System and not into the atmosphere. Vacuum loss, low oil pressure, over-speed, or overheating automatically shut down the engine.

ENHANCED VAPOR RECOVERY

Enhanced Vapor Recovery (EVR) consists of inserting an air diffuser into the extraction well and injecting whereas Air Sparging (AS) injects the air into a sparge well and removes the vapors via the SVE extraction well. The EVR process injects 3 to 7 cfm of clean air at 4 to 8 psi, approximately one foot above the well bottom. The clean air is injected into the groundwater through an air diffuser. This enhances the volatilization of the free and dissolved phase contaminant in the groundwater.

The EVR process is controlled because the air is injected into and removed from the well bore. The injected air does not leave the well bore as the SVE vacuum is applied to remove the injected air and contaminant vapors as it rises above the static water level.

The AcuVac System contains a clean air positive displacement blower that is used to inject the clean air into the well. A special manifold has been designed that enables the control of both the volume of air and the pressure under which it is delivered to the well. The air is heated by the process and when mixed with the groundwater creates a natural circulation that draws more contaminant into the well bore.

The EVR process is very similar to an in-well air stripper in that the in-well air diffuser creates an interface between the water and the injected air, volatilizing the contaminant as the air bubbles through the groundwater. The SVE process then removes the contaminant from the well bore and the area immediately surrounding the well. EVR is most effective where the contaminant is NAPL as either free or dissolved phase NAPL.

SUMMARY OF SVE/EVR EVENT #1

The Recovery Summary Table below lists the NAPL recovery data for Event #1. The Event was conducted from April 25, 2023, through April 27, 2023, with total event time of 24.0 hours. Event #1 consisted of one 8.0-hour event on each of the selected recovery wells: Event #1A- RW-1, Event #1B- RW-2, and Event #1C- RW-3.

Petroleum Hydrocarbon Recovery Summary SVE / EVR Event #1					
Event Number		**Event #1A**	**Event #1B**	**Event #1C**	
Well Number		**RW-1**	**RW-2**	**RW-3**	
Event Date		**04/25/2023**	**04/26/2023**	**04/27/2023**	**Total**
Event Hours	**Units**	**8.0**	**8.0**	**8.0**	**24.0**
NAPL Recovery					
Vapor	Lbs.	152.08	203.04	202.47	557.59
Average Pounds/Hour	Lbs./hr.	**19.01**	**25.38**	**25.31**	**23.23**

- The molecular weight of crude oil, obtained from the American Petroleum Institute, provides a range of weights ranging from 220 to 238. AcuVac selected the average mol weight of 229 for the recovery calculation. The formula used is shown on page 11 of this report.

- Total influent vapor hydrocarbons burned as IC engine fuel in the Petroleum Hydrocarbon Recovery Summary Table above are based on the HORIBA® data recorded in the Influent Vapor Data table below.

- Influent vapor samples were obtained 30 minutes after the start of each event and every 30 minutes thereafter until the conclusion of each event. All samples were tested on-site by AcuVac and not submitted for lab testing. The HORIBA® analytical data from the influent vapor samples for all wells for SVE/EVR Event #1 are compared in the following table.

Influent Vapor Data SVE / EVR Event #1				
Event Number		**Event #1A**	**Event #1B**	**Event #1C**
Well Number		**RW-1**	**RW-2**	**RW-3**
Event Date		**04/25/2023**	**04/26/2023**	**04/27/2023**
Event Hours		**8.0**	**8.0**	**8.0**
Data Element				
TPH- Maximum	ppmv	27,590	27,810	21,320
TPH- Average	ppmv	24,393	26,354	19,785
TPH- Minimum	ppmv	19,620	24,690	17,860
TPH- Initial	ppmv	26,560	26,340	21,210
TPH- Final	ppmv	24,800	25,448	21,060
CO_2- Average	%	10.50	10.31	9.78
O_2- Average	%	3.7	3.1	2.9

- The extraction well induced vacuum and influent well vapor flow for all wells for SVE/EVR Event #1 are compared in the following table.

Well Vacuum and Influent Well Vapor Flow SVE / EVR Event #1				
Event Number		**Event #1A**	**Event #1B**	**Event #1C**
Well Number		**RW-1**	**RW-2**	**RW-3**
Event Date		**04/25/2023**	**04/26/2023**	**04/27/2023**
Event Hours		**8.0**	**8.0**	**8.0**
Extraction Well Influent Data				
Well Vacuum- Maximum	InH_2O	15.00	18.00	64.00
Well Vacuum- Average	InH_2O	14.35	16.12	53.06
Well Vacuum- Minimum	InH_2O	10.00	10.00	24.00
Well Vapor Flow- Maximum	scfm	22.84	27.45	36.25
Well Vapor Flow- Average	scfm	21.49	26.56	35.28
Well Vapor Flow- Minimum	scfm	20.16	24.78	33.79

- The well vapor flow and extraction well available screen for all wells for SVE/EVR Event #1 are compared in the following table. The available well screen is calculated by subtracting the depth to the top of the well screen from the depth to the hydro equivalent at the start of each event as shown in the Well Gauging and NAPL Thickness Data Table on page 7. It was assumed that the applied extraction well vacuum did not raise the liquid in the 6.0 inch well bore.

Well Vapor Flow Per Foot of Available Screen SVE / EVR Event #1				
Event Number		**Event #1A**	**Event #1B**	**Event #1C**
Well Number		**RW-1**	**RW-2**	**RW-3**
Event Date		**04/25/2023**	**04/26/2023**	**04/27/2023**
Event Hours		**8.0**	**8.0**	**8.0**
Extraction Well Data				
Hydro Equivalent	Ft BTOC	47.11	47.10	46.59
Top of Well Screen	Ft BTOC	22.00	30.00	30.00
Available Well Screen	Ft	25.11	17.10	16.59
Vapor Flow Data				
Well Flow / Foot of Available Screen- Maximum	scfm / FT	0.91	1.61	2.18
Well Flow / Foot of Available Screen- Average	scfm / FT	0.85	1.55	2.13
Well Flow / Foot of Available Screen- Minimum	scfm / FT	0.57	1.19	1.91

- The average EVR injection pressure and average air flow for all wells for SVE/EVR Event #1 are compared in the following table.

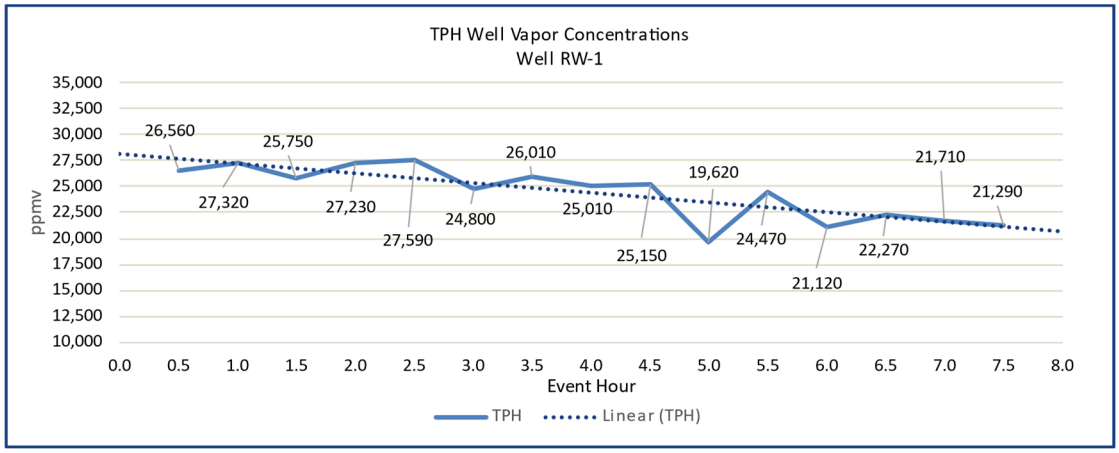
EVR Injection Pressure and Flow Rates SVE / EVR Event #1				
Event Number		**Event #1A**	**Event #1B**	**Event #1C**
Well Number		**RW-1**	**RW-2**	**RW-3**
Event Date		**04/25/2023**	**04/26/2023**	**04/27/2023**
Event Hours		**8.0**	**8.0**	**8.0**
Data Element				
Average Injection Pressure	Psi	3.06	4.25	4.41
Average Flow Rate	cfh	2.50	2.00	1.71
Total Volume Injected	cu.ft	1,200	950	800

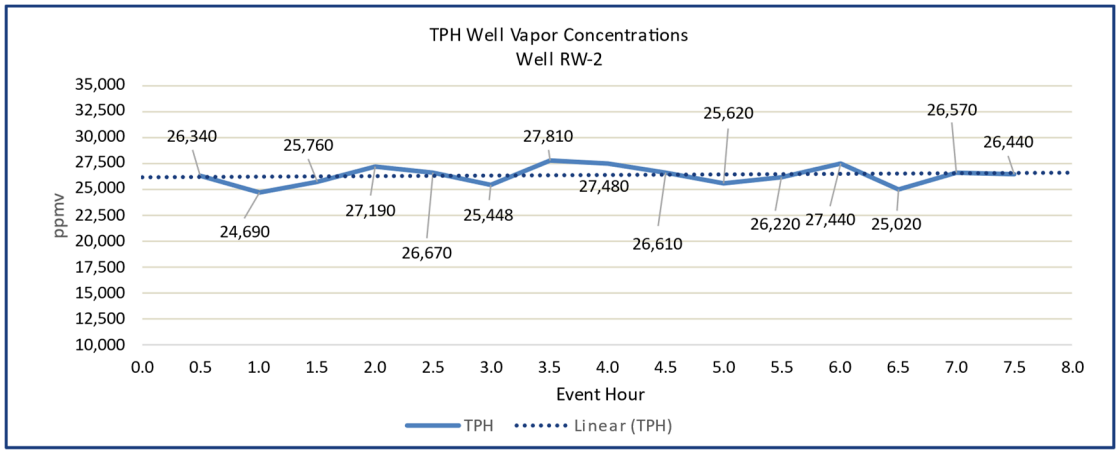
- Each extraction well was gauged prior to the start and after the conclusion of each day for Event #1 to determine the influence of the extraction well SVE/EVR on the NAPL thickness in the extraction well. The summary gauging data for each day is contained in the following Well Gauging and NAPL Thickness Data Table.

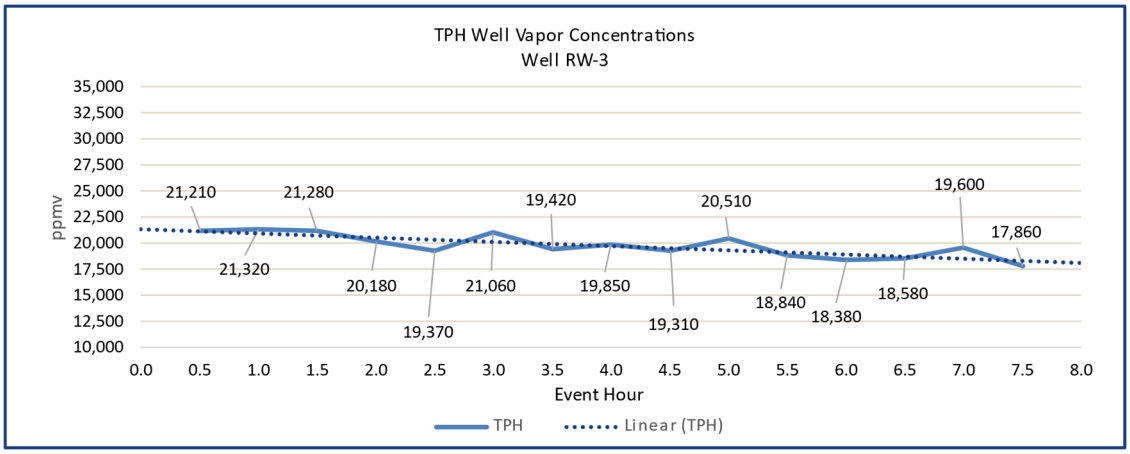
Well Gauging And NAPL Thickness Data SVE / EVR Event #1				
Event Number		**Event #1A**	**Event #1B**	**Event #1C**
Well Number		**RW-1**	**RW-2**	**RW-3**
Event Date		**04/25/2023**	**04/26/2023**	**04/27/2023**
Event Hours		**8.0**	**8.0**	**8.0**
Well Data				
Total Depth	Ft bgs	52.0	60.0	60.0
Well Screen Interval	Ft bgs	22.0 - 52.0	30.0 - 60.0	30.0 - 60.0
Well Size	In	6.0	6.0	6.0
Start of Event				
Depth to NAPL	Ft BTOC	47.05	46.98	46.29
Depth to Groundwater	Ft BTOC	47.28	47.44	47.44
NAPL Thickness	Ft	0.23	0.46	1.15
Depth to Hydro Equivalent	Ft BTOC	47.11	47.10	46.59
NAPL Thickness				
Depth to NAPL	Ft BTOC	ND	45.26	44.56
Depth to Groundwater	Ft BTOC	46.17	45.27	44.84
NAPL Thickness	Ft	ND	0.01	0.28
Depth to Hydro Equivalent	Ft BTOC	46.17	45.26	44.63
Change in NAPL Thickness	Ft	(0.23)	(0.45)	(0.87)

ND- Not Detected

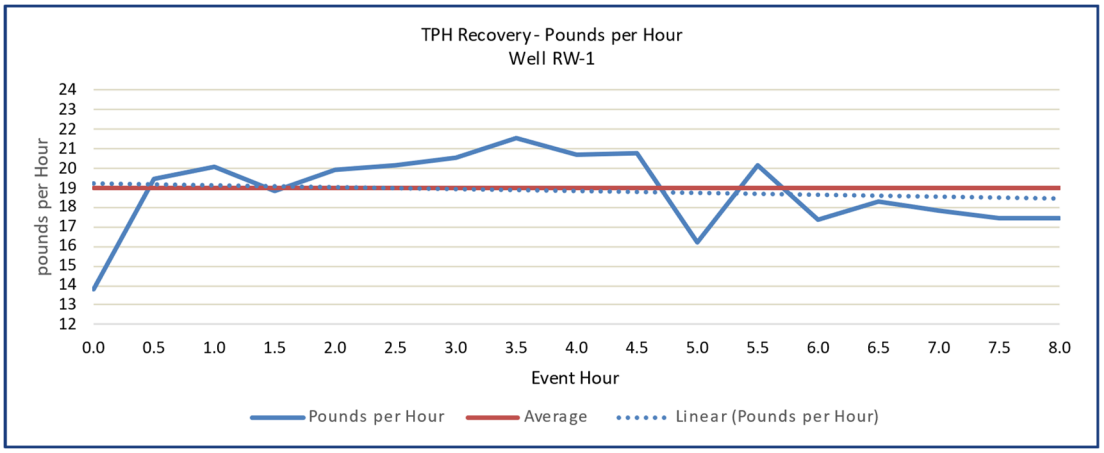
- The TPH vapor concentrations from the influent vapor samples for wells RW-1, RW-2 and RW-3 are compared in the following TPH Well Vapor Concentrations Graphs.

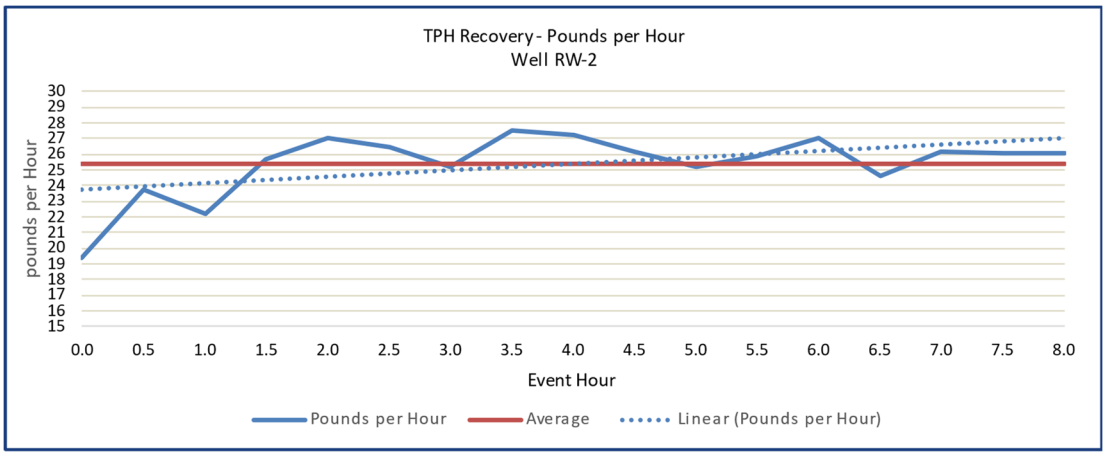


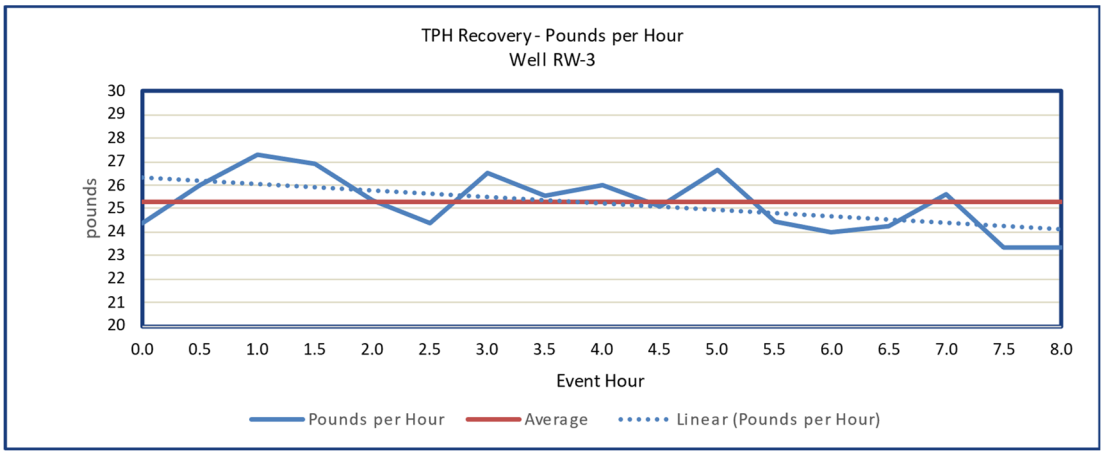




- The recovery of NAPL, as measured in pounds/hour, for each extraction well are presented in the TPH Recovery Pounds per Hour Graphs below.







OBSERVATIONS

Key observations from SVE/EVR Event #1 are:

- Well RW-1 is located closest to the original release near well MW-1 (see site map).
- A total of 557.59 pounds of NAPL were recovered in 24 hours, or 23.23 pounds/hour.
- Well RW-2 provided the most NAPL recovery with an average of 25.38 lbs./hr. followed closely by well RW-3 at 25.31 lbs./hr.
- Wells RW-1 and RW-2 are within the original excavation that was conducted when the initial release occurred. The excavation was later backfilled.
- Wells RW-1 and RW-2 had lower average applied well vacuum of 14.35 and 16.12 InH_20, respectively. The backfill most likely created a more permeable formation resulting in a higher well flow per InH_20 applied vacuum.
- Well RW-3 which was outside of the original excavation recorded an average applied well vacuum of 53.06 InH_20 resulting in an average well vapor flow of 35.28 scfm and a lower well flow per InH_20 of applied vacuum.
- The average well vapor flow per foot of available well screen was 0.85 scfm, 1.61 scfm, and 2.13 scfm for wells RW-1, RW-2 and RW-3, respectively which is at or near the target flow of 1.0 scfm/ ft of available well screen.
- The recorded TPH vapor concentrations for:
  - Well RW-1 recorded a slightly decreasing trend during Event #1A.
  - Well RW-2 recorded a slightly increasing trend during Event #1B.
  - Well RW-3 recorded a slightly decreasing trend during Event #1C.
- The combination of SVE and EVR is an effective means to remediate the site as not only was the recovery for wells RW-2 and RW-3 more than 25 pounds per hour.
- For wells RW-1 and RW-2 with less than 0.5 ft of NAPL at the start of each event, the NAPL thickness was reduced to non-detect and 0.01 ft respectively at the end of each event.

RECOMMENDATIONS

The near-term future events should be performed on wells within or near the original excavation area. These wells have a larger diameter providing more surface area to enable the SVE/EVR to penetrate the formation. The recovery rates of 19.01 to 25.38 lbs/hr justify continuing events on the wells in this area until the recovery rates decrease substantially.

For Event #2, it is recommended that the SVE/EVR events be performed on wells RW-2 and RW-3 based on the results of Event #1 and well RW-4 to collect data on that well.

For wells that have free phase NAPL, the NAPL would need to be pumped from the wells and then SVE/EVR could be performed. Ground water pumping would only be performed until the free phase NAPL is clear. This would require two AcuVac systems. After the first system clears the wells, it could be repurposed to perform SVE/EVR and increase the number of wells addressed with SVE/EVR simultaneously.

METHOD OF CALIBRATION AND CALCULATIONS

The HORIBA® Analytical instrument is calibrated with Hexane, CO and CO_2.

The formula used to calculate the emission rate is:

$$ER = HC\ (ppmv) \times MW\ (Crude\ Oil) \times Flow\ Rate\ (scfm) \times 1.58E^{-7} \frac{(min)(lb\ mole)}{(hr)(ppmv)(ft^3)} = lbs/hr$$

INFORMATION INCLUDED WITH REPORT

- Site Map
- Recorded Data
- Photos of Event #1A and #1C

After you have reviewed the report and if you have any questions, please contact me. We appreciate you selecting AcuVac to provide these services.

Sincerely,
ACUVAC REMEDIATION, LLC

Paul D. Faucher
President

Table #1
Summary Well Data

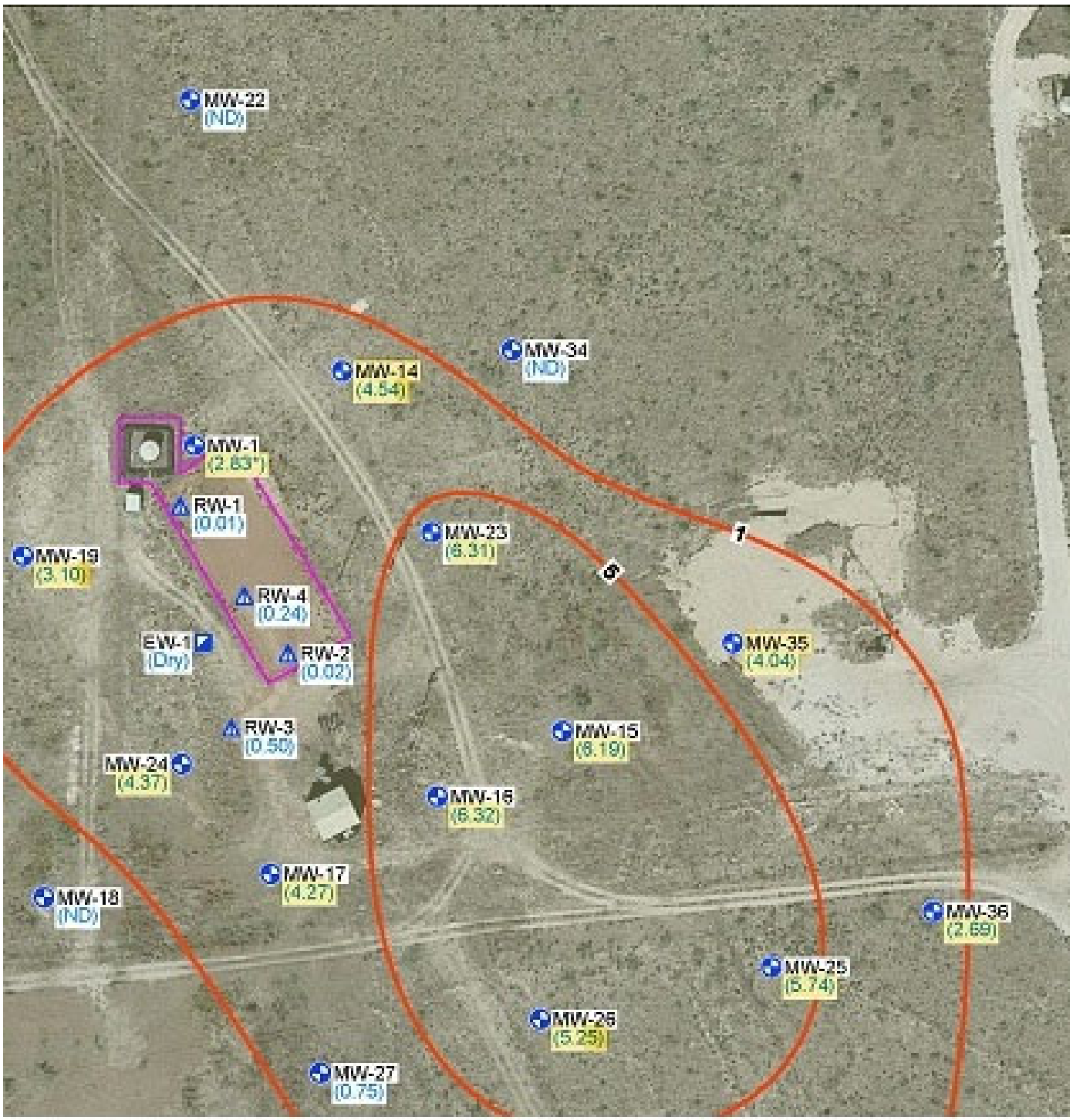
Event		1A	1B	1C
WELL NO.		**RW-1**	**RW-2**	**RW-3**
Current Event Hours		8.0	8.0	8.0
Total Event Hours		8.0	8.0	8.0
TD	ft BGS	52.0	60.0	60.0
Well Screen	ft BGS	22.0 - 52.0	30.0 - 60.0	30.0 - 60.0
Well Size	in	6.0	6.0	6.0
Well Data				
Depth To Groundwater - Static - Start Event	ft BTOC	47.05	46.98	46.29
Depth To LNAPL - Static - Start Event	ft BTOC	47.28	47.44	47.44
LNAPL Thickness - Start Event	ft	0.23	0.46	1.15
Hydro-Equivalent- Beginning	ft BTOC	47.11	47.10	46.59
Depth To Groundwater - End Event	ft BTOC	ND	45.26	44.56
Depth To LNAPL - End Event	ft BTOC	46.17	45.27	44.84
LNAPL Thickness - End Event	ft	ND	0.01	0.28
Hydro-Equivalent- Ending	ft BTOC	46.17	45.26	44.63
Extraction Data				
Maximum Extraction Well Vacuum	"H_2O	15.00	18.00	64.00
Average Extraction Well Vacuum	"H_2O	14.35	16.12	53.06
Minimum Extraction Well Vacuum	"H_2O	10.00	10.00	24.00
Maximum Extraction Well Vapor Flow	scfm	22.84	27.45	36.25
Average Extraction Well Vapor Flow	scfm	21.49	26.56	35.28
Minimum Extraction Well Vapor Flow	scfm	20.16	24.78	33.79
Maximum Well Flow / Foot of Available Screen	scfm / Ft	0.91	1.61	2.18
Average Well Flow / Foot of Available Screen	scfm / Ft	0.85	1.55	2.13
Minimum Well Flow / Foot of Available Screen	scfm / Ft	0.57	1.19	1.91
EVR Pressure and Flow				
Average Injection Pressure	Psi	3.06	4.25	4.41
Average Flow Rate	cfh	2.50	2.00	1.71
Total Volume Injected	cu.ft	1,200	950	800
Influent Data				
TPH- Maximum	ppmv	27,590	27,810	21,320
TPH- Average	ppmv	24,393	26,354	19,785
TPH- Minimum	ppmv	19,620	24,690	17,860
TPH- Initial	ppmv	26,560	26,340	21,210
TPH- Ending	ppmv	24,800	25,448	21,060
CO_{2-} - Average	%	10.50	10.31	9.78
O_{2-} - Average	%	3.7	3.1	2.9

ND- Not Detected

Table #2
Summary Recovery Data

Event		1A	1B	1C
WELL NO.		**RW-1**	**RW-2**	**RW-3**
Recovery Data- Current Event				
Total Vapor LNAPL Recovered	lbs	152.08	203.04	202.47
Average LNAPL Recovery	lbs/hr	19.01	25.38	25.31
Total Volume of Well Vapors	cu. ft	10,315	12,749	16,934
Recovery Data- Cumulative				
Total Vapor LNAPL Recovered	lbs	152.08	203.04	202.47
Average LNAPL Recovery	lbs/hr	19.01	25.38	25.31
Total Volume of Well Vapors	cu. ft	10,315	12,749	16,934

Line NM 1-1 Site Map



AcuVac Remediation

OPERATING DATA – EVENT # 1A **PAGE # 1** **ACUVAC MDPE SYSTEM**

Location: NM Line 1-1 Site, Hobbs, Lea County, NM **Project Managers: Faucher/ Vasquez**

TD 52 FT WELLSCREEN 22-52 RW-1

Well #	Date	4/25/23						
	Time	0800	0830	0900	0930	1000	1030	
	Hr Meter	11315.0						
ENGINE / BLOWER	Engine Speed	RPM	2200	2200	2200	2200	2200	2200
	Oil Pressure	psi	55	50	50	50	50	50
	Water Temp	°F	135	140	140	145	145	150
	Alternator	Volts	13	13	13	13	13	13
	Intake Vacuum	"Hg	18	16	16	16	16	16
	Gas Flow Fuel/Propane	cfh	35	35	35	35	35	35
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	In H_2O	10	15	12	14	14	14
	Extraction Well Flow	scfm	14.34	20.21	20.26	20.20	20.16	20.16
	Well Flow Ref Number		15.5	22	22	22	22	22
	Influent Vapor Temp.	°F	58	58	60	60	62	62
	Groundwater Temp.	°F	NM	NM	NM	NM	NM	NM
	Air Temp	°F	53	63	55	57	59	62
	Barometric Pressure	In Hg	29.82	29.82	29.82	29.81	29.81	29.80
	Absolute Pressure	In Hg	NM	NM	NM	NM	NM	NM
VAPOR / INFLUENT	TPH	ppmv	–	26560	27320	25750	27230	27590
	CO_2	%	–	12.52	12.34	11.48	12.20	12.42
	O_2	%	–	1.9	1.8	3.2	2.4	2.0
	H_2S	ppm	–	NM	NM	NM	NM	NM
EVR	EVR Pressure	psi	OFF	4.0	3.0	3.0	3.0	3.0
	EVR Flow	cfh	OFF	150	150	150	150	150

NOTES

ARRIVED ON SITE @ 0726. SURVEYED THE SITE. LOCATED THE ACUVAC SYSTEM NEAR WELL MW-1. GAUGED THE WELL. INSTALLED THE EVR DIFFUSER NEAR WELL BOTTOM. CONNECTED VAC HOSE. SEALED WELL. EVENT STARTED AT 0800 INITIAL WELL VAC 10 IN H_2O, 14.34 SCFM WELL FLOW. 0830 FIRST WELL VAPOR SAMPLE, 26,560 PPMV. EVR STARTED AFTER 0830 WELL SAMPLE. TPH CONCENTRATIONS @ 27,320 PPM. EVR PRESSURE @ 3 PSI @ 0900 EVR FLOW STEADY AT 150 CFH.

RECOVERY	Totalizer	gals						
	Pump Rate	gals/min						
	Total Volume	gals						
	NAPL	% Vol						
	NAPL	Gals						
EW	Data Logger Head	ft						
	GW Depression	ft						
	Extraction Well	DTNAPL	47.05					
	Extraction Well	DTGW	47.28					

.23

AcuVac Remediation

OPERATING DATA – EVENT # 1A PAGE # 2 ACUVAC MDPE SYSTEM

Location: NM Line 1-1 Site, Hobbs, Lea County, NM Project Managers: Faucher/ Vasquez

TD 52. FT
SCREEN 22 -52 FT

Well # RW-1

	Date		4/25/23					
	Time		1100	1130	1200	1230	1300	1330
	Hr Meter							
ENGINE / BLOWER	Engine Speed	RPM	2200	2100	2100	2000	2000	2000
	Oil Pressure	psi	50	50	50	50	50	50
	Water Temp	°F	150	150	150	150	155	160
	Alternator	Volts	13	13	13	13	13	13
	Intake Vacuum	"Hg	16	16	16	16	16	16
	Gas Flow Fuel/Propane	cfh	35	35	35	35	35	35
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	In H_2O	15	15	15	15	15	15
	Extraction Well Flow	scfm	22.84	22.84	22.79	22.79	22.75	22.71
	Well Flow Ref Number		25	25	25	25	25	25
	Influent Vapor Temp.	°F	64	64	66	66	68	70
	Groundwater Temp.	°F	NM	NM	NM	NM	NM	NM
	Air Temp	°F	65	68	70	73	75	76
	Barometric Pressure	In Hg	29.80	29.78	29.77	29.78	29.74	29.72
	Absolute Pressure	In Hg	NM	NM	NM	NM	NM	NM
VAPOR / INFLUENT	TPH	ppmv	24800	26010	25,120	25150	19620	24470
	CO_2	%	10.42	11.08	10.70	10.82	7.80	10.32
	O_2	%	4.7	3.8	4.2	4.2	5.6	4.4
	H_2S	ppm	NM	NM	NM	NM	NM	NM
EVR	EVR Pressure	psi	3.0	3.0	3.0	3.0	3.0	3.0
	EVR Flow	cfh	150	150	150	150	150	150
NOTES	WELL VAC & WELL VAPR FLOW MOSTLY STEADY DURING PERIOD. TPH. VAPOR CONCENTRATIONS MOSTLY STEADY DURING PERIOD 1300 IS CONSIDERED AN ANOMOLY. EVR PRESSURE AND FLOW STEADY DURING PERIOD.							
RECOVERY	Totalizer	gals						
	Pump Rate	gals/min						
	Total Volume	gals						
	NAPL	% Vol						
	NAPL	Gals						
EW	Data Logger Head	ft						
	GW Depression	ft						
	Extraction Well	DTNAPL						
	Extraction Well	DTGW						

AcuVac Remediation

OPERATING DATA – EVENT # #1A PAGE # 3 ACUVAC MDPE SYSTEM

Location: NM Line 1-1 Site, Hobbs, Lea County, NM Project Managers: Faucher/ Vasquez

TD 52 FT BGS
SCREEN 22-52 FT
Well # RW-1

	Date		4/25/23					
	Time		1400	1430	1500	1530	1600	
	Hr Meter							
ENGINE / BLOWER	Engine Speed	RPM	2000	2000	2000	2000	2000	
	Oil Pressure	psi	50	50	50	50	50	
	Water Temp	°F	160	160	160	160	160	
	Alternator	Volts	13	13	13	13	13	
	Intake Vacuum	"Hg	16	16	16	16	16	
	Gas Flow Fuel/Propane	cfh	35	35	35	35	35	
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	In H_2O	15	15	15	15	15	
	Extraction Well Flow	scfm	22.66	22.71	22.66	22.66	22.66	
	Well Flow Ref Number		25	25	25	25	25	
	Influent Vapor Temp.	°F	72	70	72	72	72	
	Groundwater Temp.	°F	NM	NM	NM	NM	NM	
	Air Temp	°F	77	78	79	79	79	
	Barometric Pressure	In Hg	29.71	29.69	29.68	29.67	29.66	
	Absolute Pressure	In Hg	NM	NM	NM	NM	NM	
VAPOR / INFLUENT	TPH	ppmv	20120	22270	21710	21290	-	
	CO_2	%	8.20	9.20	9.10	8.92	-	
	O_2	%	4.4	4.6	4.5	4.2	-	
	H_2S	ppm	NM	NM	NM	NM	-	
EVR	EVR Pressure	psi	3.0	3.0	3.0	3.0	3.0	
	EVR Flow	cfh	150	150	150	150	150	
RECOVERY	Totalizer	gals						
	Pump Rate	gals/min						
	Total Volume	gals						
	NAPL	% Vol						
	NAPL	Gals						
EW	Data Logger Head	ft						
	GW Depression	ft						
	Extraction Well	DTNAPL					-	
	Extraction Well	DTGW					46.17	

NOTES

WELL VAC AND WVF STEADY DURING PERIOD TPH VAPORS MOSTLY STEADY DURING PERIOD EVENT ENDED AT 1600 HRS. WELL GAUGED - NO NAPL PRESENT.

ACUVAC SYSTEM MOVED TO WELL RW-2 AND PREPPED FOR EVENT #1B

AcuVac Remediation

OPERATING DATA – EVENT # 1B PAGE # 1 ACUVAC MDPE SYSTEM

Location: NM Line 1-1 Site, Hobbs, Lea County, NM Project Managers: Faucher/ Vasquez

Well # RW-2 TD 60 FT BGS SCREEN 30-60

	Date		4/26/23					
	Time		0730	0800	0830	0900	0930	1000
	Hr Meter		11323.5					
ENGINE / BLOWER	Engine Speed	RPM	2100	2100	2100	2100	2100	2100
	Oil Pressure	psi	50	50	50	50	50	50
	Water Temp	°F	130	130	135	135	140	140
	Alternator	Volts	13	13	13	13	13	13
	Intake Vacuum	"Hg	14	14	14	14	12	12
	Gas Flow Fuel/Propane	cfh	15	15	0	0	0	0
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	In H_2O	10	13	13	15	15	16
	Extraction Well Flow	scfm	20.32	24.83	24.78	27.45	27.40	27.36
	Well Flow Ref Number		22	27	27	30	30	.30
	Influent Vapor Temp.	°F	60	60	62	62	64	64
	Groundwater Temp.	°F	NM	NM	NM	NM	NM	NM
	Air Temp	°F	54	58	59	61	63	64
	Barometric Pressure	In Hg	29.80	29.80	29.80	29.81	29.80	29.80
	Absolute Pressure	In Hg	NM	NM	NM	NM	NM	NM
VAPOR / INFLUENT	TPH	ppmv	—	26340	24680	25760	27150	26670
	CO_2	%	—	11.10	10.02	10.30	10.20	10.68
	O_2	%	—	1.9	2.8	2.9	3.2	3.1
	H_2S	ppm	—	NM	NM	NM	NM	NM
EVR	EVR Pressure	psi	OFF	5.5	5.0	4.5	4.5	4.5
	EVR Flow	cfh	OFF	100	100	120	140	140

NOTES

STAGED THE ACUVAC SYSTEM NEAR WELL RW-2 AFTER EV#1A ON 4/25/23. GAUGED THE WELL AT THAT TIME. ARRIVED ON SITE AT 0720. EVENT STARTED AT 0730. INITIAL WELL VAC 10 InH_2O, WVF 20.32 SCFM. INITIAL WELL VAPOR SAMPLE - TPH CONCENTRATIONS 26340 PPMV. WELL VAC AND WVF ON AN INCREASING TREND UNTIL 0900.

RECOVERY	Totalizer	gals						
	Pump Rate	gals/min						
	Total Volume	gals						
	NAPL	% Vol						
	NAPL	Gals						
EW	Data Logger Head	ft						
	GW Depression	ft						
	Extraction Well	DTNAPL	46.98					
	Extraction Well	DTGW	47.44					

.46

AcuVac Remediation

OPERATING DATA – EVENT # 13 PAGE # 2 ACUVAC MDPE SYSTEM

Location: NM Line 1-1 Site, Hobbs, Lea County, NM **Project Managers: Faucher/ Vasquez**

TD 60.0 FT BGS
SCREEN 30-60 FT BGS
Well # RW-2

	Date		4/12/23					
	Time		1030	1100	1130	1200	1230	1300
	Hr Meter							
ENGINE / BLOWER	Engine Speed	RPM	1900	2000	2000	2100	2100	2100
	Oil Pressure	psi	50	50	50	50	50	50
	Water Temp	°F	145	145	150	150	155	155
	Alternator	Volts	13	13	13	13	13	13
	Intake Vacuum	"Hg	12	12	12	12	12	12
	Gas Flow Fuel/Propane	cfh	0	0	0	0	0	0
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	In H_2O	16	16	16	18	18	18
	Extraction Well Flow	scfm	27.36	27.31	27.31	27.18	27.18	27.18
	Well Flow Ref Number		.30	.30	.30	.30	.30	.30
	Influent Vapor Temp.	°F	64	66	66	68	68	68
	Groundwater Temp.	°F	NM	NM	NM	NM	NM	NM
	Air Temp	°F	67	69	70	71	72	73
	Barometric Pressure	In Hg	29.80	29.81	29.80	29.80	29.79	29.78
	Absolute Pressure	In Hg	NM	NM	NM	NM	NM	NM
VAPOR / INFLUENT	TPH	ppmv	25448	27810	27480	26610	35620	26220
	CO_2	%	10.04	10.21	10.48	9.90	9.84	10.82
	O_2	%	3.3	3.3	3.1	4.0	3.3	2.6
	H_2S	ppm	NM	NM	NM	NM	NM	NM
EVR	EVR Pressure	psi	4.0	4.0	4.0	4.0	4.0	4.0
	EVR Flow	cfh	120	120	120	120	120	120
NOTES	WELL VAC ON A SLIGHTLY INCREASING TREND. WVF MOSTLY STEADY DURING PERIOD. TPH VAPOR CONCENTRATIONS MOSTLY STEADY DURING PERIOD. EVR PRESSURE AND FLOW STEADY DURING PERIOD.							
RECOVERY	Totalizer	gals						
	Pump Rate	gals/min						
	Total Volume	gals						
	NAPL	% Vol						
	NAPL	Gals						
EW	Data Logger Head	ft						
	GW Depression	ft						
	Extraction Well	DTNAPL						
	Extraction Well	DTGW						

AcuVac Remediation

OPERATING DATA – EVENT # 13 PAGE # 3 ACUVAC MDPE SYSTEM

Location: NM Line 1-1 Site, Hobbs, Lea County, NM Project Managers: Faucher/ Vasquez

TD 60. FT BGS
SCREEN 30-60 FT BGS
Well # RW-1

	Date		4/26/23					
	Time		1330	1400	1430	1500	1530	
	Hr Meter							
ENGINE / BLOWER	Engine Speed	RPM	2100	2100	2100	2100	2100	
	Oil Pressure	psi	50	50	50	50	50	
	Water Temp	°F	160	160	160	160	160	
	Alternator	Volts	13	13	13	13	13	
	Intake Vacuum	"Hg	12	12	12	12	12	
	Gas Flow Fuel/Propane	cfh	0	0	0	0	0	
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	In H_2O	18	18	18	18	18	
	Extraction Well Flow	scfm	27.18	27.18	27.18	27.18	27.18	
	Well Flow Ref Number		.30	.30	.30	.30	.30	
	Influent Vapor Temp.	°F	68	68	68	68	68	
	Groundwater Temp.	°F	NM	NM	NM	NM	NM	
	Air Temp	°F	73	74	74	75	76	
	Barometric Pressure	In Hg	29.78	29.78	29.77	29.77	29.76	
	Absolute Pressure	In Hg	NM	NM	NM	NM	NM	
VAPOR / INFLUENT	TPH	ppmv	27440	25020	26570	26440	-	
	CO_2	%	10.66	9.62	10.24	10.52	-	
	O_2	%	2.9	2.9	3.3	3.2	-	
	H_2S	ppm	NM	NM	NM	NM	NM	
EVR	EVR Pressure	psi	4.0	4.0	4.0	4.0	4.0	
	EVR Flow	cfh	120	120	120	120	120	
NOTES								
RECOVERY	Totalizer	gals						
	Pump Rate	gals/min						
	Total Volume	gals						
	NAPL	% Vol						
	NAPL	Gals						
EW	Data Logger Head	ft						
	GW Depression	ft						
	Extraction Well	DTNAPL						45.26
	Extraction Well	DTGW						45.27

AcuVac Remediation

OPERATING DATA – EVENT # 1C PAGE # 1 ACUVAC MDPE SYSTEM

Location: NM Line 1-1 Site, Hobbs, Lea County, NM Project Managers: Faucher/ Vasquez

TD 60 FT BGS
SCREEN 30-60 FT BGS
Well # RW-3

	Date		4/27/23					
	Time		0630	0700	0730	0800	0830	0900
	Hr Meter		11332.0					
ENGINE / BLOWER	Engine Speed	RPM	2100	2100	1800	1900	1900	1900
	Oil Pressure	psi	50	50	50	50	50	50
	Water Temp	°F	130	130	135	140	140	140
	Alternator	Volts	13	13	13	13	13	13
	Intake Vacuum	"Hg	16	16	16	16	16	16
	Gas Flow Fuel/Propane	cfh	10	10	0	0	6	0
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	In H_2O	24	28	40	48	50	50
	Extraction Well Flow	scfm	31.93	33.79	35.31	34.86	34.69	34.69
	Well Flow Ref Number		.4	.45	.5	.5	.56	.50
	Influent Vapor Temp.	°F	58	58	60	60	62	62
	Groundwater Temp.	°F	NM	NM	NM	NM	NM	NM
	Air Temp	°F	40	41	45	46	48	52
	Barometric Pressure	In Hg	30.01	30.02	29.99	30.02	30.01	30.00
	Absolute Pressure	In Hg	NM	NM	NM	NM	NM	NM
VAPOR / INFLUENT	TPH	ppmv	—	21210	21320	21280	20180	19370
	CO_2	%	—	11.98	11.04	10.84	9.90	9.84
	O_2	%	—	1.7	2.0	2.5	2.5	2.5
	H_2S	ppm	—	NM	NM	NM	NM	NM
EVR	EVR Pressure	psi	OFF	6	5.5	5.0	5.0	5.0
	EVR Flow	cfh	OFF	80	60	60	60	60

NOTES

ARRIVED ON SITE @ 0615 HRS. POSITIONED ACUVAC SYSTEM NEAR WELL RW-3 WELL WAS GAUGED AND PREPARED AT THE END OF EV #1B. EVENT STARTED AT 0630 HRS. INITAL WELL VAC 24 IN H_2O W/WVF 31.93 SCFM. INITAL VAPOR SAMPLE OBTAINED AT 0700. AFTER VAPOR SAMPLE EVR STARTED WITH PRESSURE OF 6 PSI AND FLOW OF 60 CFH. TPH VAPOR CONCENTRATIONS ON A DECREASING TREND. WVF ON AN INCREASING TREND DURING PERIOD

RECOVERY	Totalizer	gals						
	Pump Rate	gals/min						
	Total Volume	gals						
	NAPL	% Vol						
	NAPL	Gals						
EW	Data Logger Head	ft						
	GW Depression	ft						
	Extraction Well	DTNAPL	46.89					
	Extraction Well	DTGW	47.44					

1.15

AcuVac Remediation

OPERATING DATA – EVENT # 1C PAGE # 2 ACUVAC MDPE SYSTEM

Location: NM Line 1-1 Site, Hobbs, Lea County, NM Project Managers: Faucher/ Vasquez

TD 60 FT BGS
SCREEN 30-60 FT BGS

Well # RW-3	Date	4/27/23					
	Time	0930	1000	1030	1100	1130	1200
	Hr Meter						
ENGINE / BLOWER	Engine Speed RPM	1900	1900	1900	2000	2000	2000
	Oil Pressure psi	50	50	50	50	50	50
	Water Temp °F	145	150	150	150	150	150
	Alternator Volts	13	13	13	13	13	13
	Intake Vacuum "Hg	10	10	10	10	10	10
	Gas Flow Fuel/Propane cfh	20	20	20	20	20	20
ATMOSPHERE VACUUM / AIR	Extraction Well Vac. In H_2O	50	60	60	64	64	64
	Extraction Well Flow scfm	34.69	36.25	36.25	35.87	35.87	35.80
	Well Flow Ref Number	.50	.55	.55	.55	.55	.55
	Influent Vapor Temp. °F	62	62	64	64	64	64
	Groundwater Temp. °F	NM	NM	NM	NM	NM	NM
	Air Temp °F	55	58	60	63	66	68
	Barometric Pressure In Hg	29.99	29.97	29.96	29.94	29.93	29.90
	Absolute Pressure In Hg	NM	NM	NM	NM	NM	NM
VAPOR / INFLUENT	TPH ppmv	21060	19420	19850	19,310	20510	18840
	CO_2 %	9.90	9.18	9.42	9.20	9.98	9.20
	O_2 %	3.3	3.5	3.1	3.2	3.2	3.3
	H_2S ppm	NM	NM	NM	NM	NM	NM
EVR	EVR Pressure psi	4.0	4.0	4.0	4.0	4.0	4.0
	EVR Flow cfh	120	120	120	120	120	120
NOTES							
RECOVERY	Totalizer gals						
	Pump Rate gals/min						
	Total Volume gals						
	NAPL % Vol						
	NAPL Gals						
EW	Data Logger Head ft						
	GW Depression ft						
	Extraction Well DTNAPL						
	Extraction Well DTGW						

AcuVac Remediation

OPERATING DATA – EVENT # 1C PAGE # 3 ACUVAC MDPE SYSTEM

Location: NM Line 1-1 Site, Hobbs, Lea County, NM Project Managers: Faucher/ Vasquez

TD 60 Ft BGS
SCREEN 30-60 Ft BGS
Well # RW-3

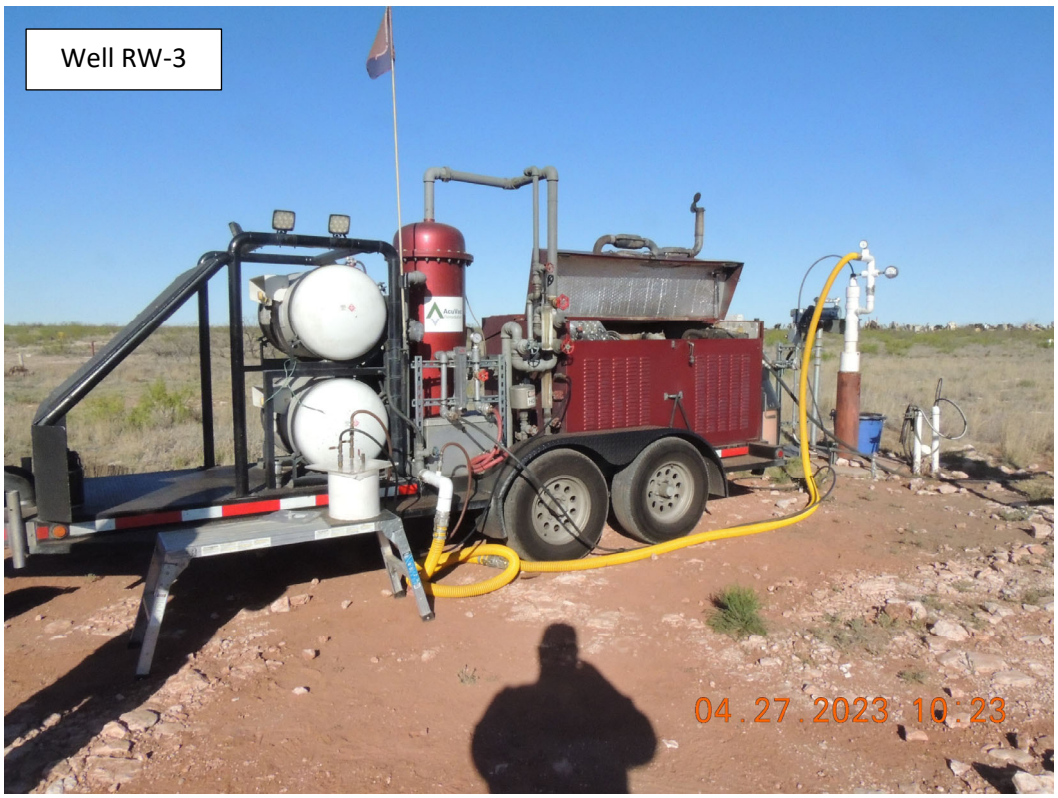
	Date		4/27/23					
	Time		1230	1300	1330	1400	1430	
	Hr Meter							
ENGINE / BLOWER	Engine Speed	RPM	1900	1900	2000	2000	2000	
	Oil Pressure	psi	50	50	50	50	50	
	Water Temp	°F	155	155	155	155	155	
	Alternator	Volts	13	13	13	13	13	
	Intake Vacuum	"Hg	10	10	10	10	10	
	Gas Flow Fuel/Propane	cfh	20	20	50	35	35	
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	In H_2O	60	60	60	60	60	
	Extraction Well Flow	scfm	36.04	36.04	36.04	36.04	36.04	
	Well Flow Ref Number		.55	.55	.55	.55	.55	
	Influent Vapor Temp.	°F	68	68	68	68	68	
	Groundwater Temp.	°F	NM	NM	NM	NM	NM	
	Air Temp	°F	70	72	73	75	76	
	Barometric Pressure	In Hg	29.88	29.86	29.84	29.81	29.79	
	Absolute Pressure	In Hg	NM	NM	NM	NM	NM	
VAPOR / INFLUENT	TPH	ppmv	18,380	18580	19,600	17860	-	
	CO_2	%	8.78	9.10	9.40	8.90	-	
	O_2	%	3.3	3.3	3.1	3.1	-	
	H_2S	ppm	NM	NM	NM	NM	NM	
EVR	EVR Pressure	psi	4.0	4.0	4.0	4.0	4.0	
	EVR Flow	cfh	120	120	120	120	120	
NOTES								
RECOVERY	Totalizer	gals						
	Pump Rate	gals/min						
	Total Volume	gals						
	NAPL	% Vol						
	NAPL	Gals						
EW	Data Logger Head	ft						
	GW Depression	ft						
	Extraction Well	DTNAPL					44.56	
	Extraction Well	DTGW					44.84	

LINE NM 1-1
HOBBS, NEW MEXICO

LINE NM 1-1
HOBBS, NEW MEXICO

Well RW-1

Well RW-3



LINE NM 1-1
HOBBS, NEW MEXICO

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 327789

CONDITIONS

Operator: PHILLIPS PETROLEUM CO 4001 Penbrook Odessa, TX 79762	OGRID: 17643
	Action Number: 327789
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Groundwater Monitoring Report for Line NM 1-1: content satisfactory 1. Continue removal of LNAPL by NET system as technique has been shown to be effective at the site. 2. Continue to conduct semi-annual groundwater monitoring at the site. 3. Continue to conduct monthly O&M for the system as prescribed monthly. 4. Submit the 2024 annual report to OCD by April 1, 2025.	7/29/2024