



REVIEWED

By Mike Buchanan at 4:13 pm, Jul 31, 2024

2023 Groundwater Monitoring and Remediation Report

**East Hobbs Junction
Lea County, New Mexico**

Phillips 66 Company

March 28, 2024

Review of the 2023 Groundwater Monitoring and Remediation Report: content satisfactory

1. Continue removal of LNAPL from wells where present.
2. Continue quarterly groundwater monitoring at the site for COCs as approved.
3. Submit the 2024 annual report to OCD by April 1, 2025.

→ **The Power of Commitment**

Executive Summary

GHD conducted four quarterly groundwater monitoring events on March 20, June 22, September 19 and December 19, 2023 at the Phillips 66 East Hobbs Junction site in Hobbs, New Mexico. Groundwater levels were gauged in all site monitor and remediation wells using an oil/water interface probe prior to purging and sampling.

Five groundwater samples were collected during the March 2023 event, seven groundwater samples were collected during the June 2023 event, six groundwater samples were collected during the September 2023 event and five groundwater samples were collected during the December 2023 event. All unsampled wells had insufficient water to collect a sample. Groundwater samples were submitted under chain of custody documentation to Pace Analytical Laboratories of Mount Juliet, Tennessee. The samples were analyzed for benzene, toluene, ethylbenzene, xylenes, total petroleum hydrocarbons – gasoline range organics, total petroleum hydrocarbons – diesel range organics, and chloride. Additional groundwater samples from the March 2023 event were submitted under chain of custody documentation to Eurofins Environment Testing of Midland, Texas, for analysis of heterotrophic plate counts. Groundwater samples collected from MW-1 and MW-2 during the March, June, September and December sampling events, and MW-3 during the September sampling event were reported by the laboratory to be above the New Mexico Water Quality Control Commission's groundwater quality standards for benzene.

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1. Introduction

GHD Services Inc. (GHD) prepared this 2023 Groundwater Monitoring and Remediation Report on behalf of Phillips 66 Company (Phillips 66). This report summarizes groundwater monitoring and sampling, and remediation activities at East Hobbs Junction (site) in March, June, September, and December 2023. The report presents the following:

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

2. Site Description and History

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

On March 23, 1999, Phillips 66 personnel discovered a release of unrefined petroleum products (crude oil) associated with a local well field gathering pipeline system located near the town of Hobbs, New Mexico. The area consists of several gathering lines which meet in one locality. The failed line was a 6-inch diameter line which was not in service but was open to the main line. The line leak was noted by the evidence of oil impacts on the ground surface in the area of the release. The quantity of crude oil released was not known. Phillips 66 excavated approximately 200 cubic yards of petroleum impacted soil from around and below the release location. The limits of the excavation were approximately 10 feet wide by 60 feet long and averaged approximately 6 to 8 feet deep with the deepest extent around 12 feet. Excavation activities were halted because of other active petroleum pipelines present in the area. Three groundwater monitor wells were then installed and approximately 3 feet of crude oil was detected on the water table in each monitor well.

Assessment activities have been conducted at the site to define the crude oil impacts, and a soil and groundwater remediation system was installed to address the impacts. The remediation system installation consisted of soil vapor extraction (SVE), air sparge (AS), and light non aqueous phase liquid (LNAPL) recovery. Figure 2 illustrates the locations of the existing pipeline corridors, the site monitor and remediation wells, the remediation buildings, and storage tank at the site. Higgins and Associates, L.L.C. of Centennial, Colorado performed the installation of the remediation system, initial startup, O&M, and required monitoring activities until September 2003. In September 2003, Tetra Tech assumed responsibility for the remedial oversight duties at the site. On August 5, 2008, the SVE and AS systems were converted into a bioventing system utilizing electronic timers to cycle the periods of operation to promote oxygen enhancement in the vadose zone to encourage biodegradation. The skimmer pumps have been removed from all monitor wells except MW-2 and MW-9.

In August 2011, GHD (formerly Conestoga Rovers and Associates) was retained as the environmental consultant for the site by Phillips 66. Periodic O&M of the remediation system was performed until the skimming operations were shut down in 2014 due to mechanical problems.

Remedial activities continued in 2015 with the use of mobile dual phase extraction (MDPE) to remove residual LNAPL to the extent practical. MDPE events were conducted in 2015 in March, April, July, and November.

Additional MDPE events were conducted in 2017 in February, April, and June. GHD evaluated the MDPE data collected at the site and determined that the LNAPL recovery rate had decreased from approximately 1% in 2015 to

approximately 0.3% in the first half of 2017. In order to enhance the recovery rate, GHD performed a pilot test utilizing Ivey-sol Surfactant Enhanced Remediation (SER) to remove absorbed LNAPL near the release area.

On December 5, 2017, GHD gravity-fed 200 gallons of surfactant into both MW-1 and RW-2, and AcuVac initiated MDPE approximately three hours after the injection. An additional Ivey-sol SER injection and MDPE recovery event was performed on December 6, 2017. A total of 1,702 gallons of total fluids and an immeasurable amount of LNAPL were recovered during a 7-hour period.

An initial Cool-Ox® injection event was performed in May 2018. GHD and Deep Earth Technologies, Inc. (DTI) injected Cool-Ox®, which is a patented solution of calcium peroxide that generates hydrogen peroxide slowly and facilitates the oxidation of petroleum hydrocarbons. Cool-Ox® was injected directly into wells MW-1, MW-2, MW-3, MW-7, MW-9, MW-10 and AS wells SP-1, SP-2, SP-7, and SP-8. A total of 7,100 gallons of Cool-Ox® were injected over a 4-day period. Following the injections of Cool-Ox®, LNAPL was not observed until December 2019 following a drop in the water table.

In June 2021, GHD and subcontractor White Drilling installed nine new remediation wells around existing wells MW-1, MW-2/RW-1, MW-3/RW-3, and MW-9/RW-2. The remediation wells were installed to inject Cool-Ox® to treat remaining subsurface impacts related to the initial release and are presented on Figure 15.

In the fourth quarter of 2022, GHD oversaw the successful injection of 6,035 gallons of Cool-Ox®, and post-injection monitoring was completed in the third quarter of 2023.

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 NMAC) effective November 15, 1996 and are presented as Appendix A. These standards were in effect at the time the November 2, 2000 Stage 2 Abatement Plan for Groundwater Abatement (AP-15) for the East Hobbs Junction 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
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 28 on-site monitor wells on March 20 and 21, 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 clean wells to the wells containing LNAPL to minimize the potential for cross contamination between wells. The oil/water interface probe was cleaned with an Alconox®/de-ionized water solution and rinsed with de-ionized water after each use.

Monitor wells MW-4 (SVE-1), MW-5 (SVE-2), MW-6 (RW-4), MW-10 (RW-6), MW-11 (RW-7), MW-12 (SVE-9), MW-13, MW-14 (SVE-11), MW-15 (SVE-12), MW-16, MW-17, MW-18 (SVE-13), MW-19, MW-20, MW-21, MW-22, MW-23, MW-25, and SVE-10 were all measured dry. Groundwater elevations ranged from 3571.54 ft amsl at MW-9 (RW-2) to 3572.58 ft amsl at MW-24. The groundwater flow direction as measured from site wells was to the south-southeast at a gradient of approximately 0.0023ft/ft which is generally consistent with historical data.

Table 1 presents the Groundwater Elevation Data. Figure 3 presents the Groundwater Gradient Map – March 2023.

4.2 Groundwater Sampling – March 2023

GHD personnel collected samples for the first quarter 2023 groundwater sampling event from five on-site monitor wells on March 21 and 22, 2023. Groundwater samples were collected from MW-1, MW-2, MW-3, MW-26, and MW-27. Monitor wells MW-7 (RW-5), MW-8 (SVE-5), MW-9 (RW-2), and MW-24 all had less than 1 foot of water, which was determined insufficient for sampling.

Samples were collected via bailer method. Field parameters including pH, temp, and conductivity were collected during the purging of monitor wells. The groundwater samples 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) of Mount Juliet, TN under chain of custody protocol. Groundwater not used for sampling is stored on-site in a 140-barrel above ground storage tank, for off-site disposal.

Pace analyzed the groundwater samples for:

- BTEX by EPA Method 8260B;
- TPH-GRO by EPA Method 8015B;
- TPH-DRO by EPA Method 8015B; and
- Chloride by EPA Method 300.

Additional samples were collected for heterotrophic plate counts from wells MW-1, MW-2, and MW-3 under the same sampling procedures and protocol. Monitoring wells MW-6, MW-8 and MW-9 were not sampled for heterotrophic plate counts due to insufficient water in the wells. The samples were shipped to Eurofins Environment Testing (Eurofins) of Midland, TX. Eurofins analyzed the groundwater samples for heterotrophic plate count by SM method 9215C. This analysis is as specified in the Cool-Ox® Work Plan submitted by GHD in July 2022.

4.3 Groundwater Analytical Results – March 2023

Sample results for the March 2023 quarterly groundwater monitoring events are summarized below.

- Benzene was detected above the groundwater remedial objective of 0.01 mg/L in groundwater samples collected at MW-1 and MW-2 at concentrations of 0.088 mg/L and 0.065 mg/L, respectively. Benzene was not detected above the remedial objective in the remaining monitor wells.

- Toluene was not detected above the groundwater remedial objective of 0.75 mg/L in groundwater samples collected during the March 2023 sampling event.
- Ethylbenzene was not detected above the groundwater remedial objective of 0.75 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 were not detected above the laboratory detection limit in groundwater samples. Groundwater remedial objectives for TPH-GRO have not been established for the site.
- TPH-DRO was detected above the laboratory detection limit in groundwater samples MW-1 at 10.9 mg/L, MW-2 at 4.4 mg/L, and MW-3 at 4.8 mg/L. Groundwater remedial objectives for TPH-DRO have not been established for the site.
- Chloride was not detected above the groundwater remedial objective of 250 mg/L in any groundwater samples collected during the March 2023 sampling event.

Table 2 presents Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO and Table 3 presents Groundwater Analytical Data – Inorganics. Figure 4 presents Groundwater Analytical Results – Organics – March 2023; Figure 5 presents Groundwater Analytical Results – Inorganics – March 2023. The Pace analytical reports are presented as Appendix B.

4.4 Groundwater Monitoring – June 2023

GHD personnel gauged 28 on-site monitor wells on June 22, 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 clean wells to the wells containing LNAPL to minimize the potential for cross contamination between wells. The oil/water interface probe was cleaned with an Alconox®/de-ionized water solution and rinsed with de-ionized water after each use.

Monitor wells MW-4 (SVE-1) through MW-6 (RW-4), MW-8 (SVE-5) through MW-23, MW-25, and SVE-10 were all measured dry. Groundwater elevations ranged from 3571.34 ft amsl at wells MW-26 and MW-27 to 3574.51 ft amsl at MW-7 (RW-5). The groundwater flow direction as measured from site wells was to the southeast at a gradient of approximately 0.0025 ft/ft and is generally consistent with historical data.

Table 1 presents the Groundwater Elevation Data. Figure 6 presents Groundwater Gradient Map – June 2023.

4.5 Groundwater Sampling – June 2023

GHD personnel collected samples for the second quarter 2023 groundwater sampling event from six on-site monitor wells on June 22, 2023. Groundwater samples were collected from MW-1, MW-2, MW-3, MW-24, MW-26, and MW-27. A duplicate sample was taken from MW-26. MW-7 had a measurable amount of water, but not enough to produce a sample.

Samples were collected via bailer method. Field parameters including pH, temp, and conductivity were collected during the purging of monitor wells, except at MW-24, which had too little water to purge or measure field parameters before collecting the sample. The groundwater samples, including the 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. Purge water is stored on-site in a 140-barrel above ground storage tank, for off-site disposal.

Pace analyzed the groundwater samples for:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8260B;

- TPH-GRO by EPA Method 8015B;
- TPH-DRO by EPA Method 8015B; and
- Chloride by EPA Method 300.

4.6 Groundwater Analytical Results – June 2023

Sample results for the June 2023 quarterly groundwater monitoring event are summarized below.

- Benzene was detected at concentrations above the groundwater remedial objective of 0.01 mg/L in MW-1 and MW-2 at concentrations of 0.0584 mg/L and 0.1257 mg/L respectively. Benzene was not detected above the remedial objective in the remaining monitor wells.
- Toluene was not detected above the groundwater remedial objective of 0.75 mg/L in groundwater samples collected during the June 2023 sampling event.
- Ethylbenzene was not detected above the groundwater remedial objective of 0.75 mg/L in groundwater samples collected during the June 2023 sampling event.
- Total xylenes were not detected above the groundwater remedial objective of 0.62 mg/L in groundwater samples collected during the June 2023 sampling event.
- TPH-GRO was detected above the laboratory detection limit in groundwater samples MW-2 and MW-3 at concentrations of 3.27 mg/L and 0.55 mg/L, respectively. Groundwater remedial objectives for TPH-GRO have not been established for the site.
- TPH-DRO was detected above the laboratory detection limit in groundwater samples MW-1, MW-2, and MW-3. The highest concentration of TPH-DRO was reported as 8.9 mg/L in the sample taken at MW-1. Groundwater remedial objectives for TPH-DRO have not been established for the site.
- Chloride was not detected above the groundwater remedial objective of 250 mg/L in any of the wells sampled during the June 2023 event.

Table 2 presents Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO; Table 3 presents Groundwater Analytical Data – Inorganics. Figure 7 presents Groundwater Analytical Results – Organics – June 2023; Figure 8 presents Groundwater Analytical Results – Inorganics – June 2023. The Pace analytical reports are presented as Appendix B.

4.7 Groundwater Monitoring – September 2023

GHD personnel gauged 28 on-site monitor wells on September 19, 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 clean wells to the wells containing LNAPL to minimize the potential for cross contamination between wells. The oil/water interface probe was cleaned with an Alconox®/de-ionized water solution and rinsed with de-ionized water after each use.

Monitor wells MW-4 (SVE-1), MW-5 (SVE-2), MW-6 (RW-4), MW-7 (RW-5), M-9 (RW-2), MW-10 (RW-6), MW-11 (RW-7), MW-12 (SVE-9), MW-13, MW-14 (SVE-11), MW-15 (SVE-12), MW-16, MW-17, MW-18 (SVE-13), MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, and SVE-10 were all measured dry. Groundwater elevations ranged from 3571.08 ft amsl at MW-26 to 3571.89 ft amsl at MW-2 (RW-1). The groundwater flow direction as measured from site wells was to the south-southeast at a gradient of approximately 0.0026 ft/ft which is generally consistent with historical data.

Table 1 presents the Groundwater Elevation Data. Figure 9 presents the Groundwater Gradient Map – September 2023.

4.8 Groundwater Sampling – September 2023

GHD personnel collected samples for the third quarter 2023 groundwater sampling event from six on-site monitor wells on September 20, 2023. Groundwater samples were collected from MW-1, MW-2 (RW-1), MW-3 (RW-3), MW-8 (SVE-5), MW-26, and MW-27. A duplicate sample was collected from MW-1.

Samples were collected via bailer method. Field parameters including pH, temp, and conductivity were collected during the purging of monitor wells. The groundwater samples 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) of Mount Juliet, TN under chain of custody protocol. Groundwater not used for sampling is stored on-site in a 140-barrel above ground storage tank, for off-site disposal.

Pace analyzed the groundwater samples for:

- BTEX by EPA Method 8260B;
- TPH-GRO by EPA Method 8015B;
- TPH-DRO by EPA Method 8015B; and
- Chloride by EPA Method 300.

4.9 Groundwater Analytical Results – September 2023

Sample results for the September 2023 quarterly groundwater monitoring events are summarized below.

- Benzene was detected above the groundwater remedial objective of 0.01 mg/L in groundwater samples collected at MW-1, MW-2, MW-3 at concentrations of 0.0111 mg/L at MW-3, to 0.144 mg/L at MW-2, respectively. Benzene was not detected above the remedial objective in the remaining monitor wells.
- Toluene was not detected above the groundwater remedial objective of 0.75 mg/L in groundwater samples collected during the September 2023 sampling event.
- Ethylbenzene was not detected above the groundwater remedial objective of 0.75 mg/L in groundwater samples collected during the September 2023 sampling event.
- Total xylenes were not detected above the groundwater remedial objective of 0.62 mg/L in groundwater samples collected during the September 2023 sampling event.
- TPH-GRO was detected above the laboratory detection limit in groundwater samples MW-2 at 2.67 mg/L, MW-8 (SVE-5) at 85.5 mg/L. Groundwater remedial objectives for TPH-GRO have not been established for the site.
- TPH-DRO was detected above the laboratory detection limit in groundwater samples MW-1 at 8.71 mg/L, MW-2 at 2.31 mg/L, MW-3 at 1.70 mg/L, MW-8 (SVE-5) at 138 mg/L, MW-26 at 0.197 mg/L and MW-27 at 0.299. Groundwater remedial objectives for TPH-DRO have not been established for the site.
- Chloride was not detected above the groundwater remedial objective of 250 mg/L in any groundwater samples collected during the September 2023 sampling event.

Table 2 presents Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO and Table 3 presents Groundwater Analytical Data – Inorganics. Figure 10 presents Groundwater Analytical Results – Organics – September 2023; Figure 11 presents Groundwater Analytical Results – Inorganics – September 2023. The Pace analytical reports are presented as Appendix B.

4.10 Groundwater Monitoring – December 2023

GHD personnel gauged 28 on-site monitor wells on December 19, 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 clean wells to the wells containing LNAPL to minimize the potential for cross

contamination between wells. The oil/water interface probe was cleaned with an Alconox®/de-ionized water solution and rinsed with de-ionized water after each use.

Monitor wells MW-4 (SVE-1) through MW-7 (RW-5), MW-10 (RW-6) through MW-23, MW-25, and SVE-10 were all measured dry. Groundwater elevations ranged from 3570.77 ft amsl at well MW-8 (SVE-5) to 3575.49 ft amsl at MW-9 (RW-2). The groundwater flow direction as measured from site wells was to the southeast at a gradient of approximately 0.0023 ft/ft and is generally consistent with historical data.

Table 1 presents the Groundwater Elevation Data. Figure 12 presents Groundwater Gradient Map – December 2023.

4.11 Groundwater Sampling – December 2023

GHD personnel collected samples for the fourth quarter 2023 groundwater sampling event from five on-site monitor wells on December 19, 2023. Groundwater samples were collected from MW-1, MW-2, MW-3, MW-26, and MW-27. A duplicate sample was collected from MW-27.

Samples were collected via bailer method. Field parameters including pH, temp, and conductivity were collected during the purging of monitor wells. The groundwater samples 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. Purge water is stored on-site in a 140-barrel above ground storage tank, for off-site disposal.

Pace analyzed the groundwater samples for:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8260B;
- TPH-GRO by EPA Method 8015B;
- TPH-DRO by EPA Method 8015B; and
- Chloride by EPA Method 300.

4.12 Groundwater Analytical Results – December 2023

Sample results for the December 2023 quarterly groundwater monitoring event are summarized below.

- Benzene was detected at concentrations above the groundwater remedial objective of 0.010 mg/L in MW-1 and MW-2 at concentrations of 0.031 mg/L and 0.028 mg/L, respectively. Benzene was not detected above the remedial objective in the remaining monitor wells during the December sampling event.
- Toluene was not detected above the groundwater remedial objective of 0.75 mg/L in groundwater samples collected during the December 2023 sampling event.
- Ethylbenzene was not detected above the groundwater remedial objective of 0.75 mg/L in groundwater samples collected during the December 2023 sampling event.
- Total xylenes were not detected above the groundwater remedial objective of 0.62 mg/L in groundwater samples collected during the December 2023 sampling event.
- TPH-GRO was detected above the laboratory detection limit in groundwater samples MW-1 and MW-2 at concentrations of 0.96 mg/L and 1.65 mg/L, respectively. Groundwater remedial objectives for TPH-GRO have not been established for the Site.
- TPH-DRO was detected above the laboratory detection limit in groundwater samples MW-1, MW-2, and MW-3. The highest concentration of TPH-DRO was reported as 8.0 mg/L in the sample taken at MW-1. Groundwater remedial objectives for TPH-DRO have not been established for the site.
- Chloride was not detected above the groundwater remedial objective of 250 mg/L in any of the wells sampled during the December 2023 event.

Table 2 presents Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO; Table 3 presents Groundwater Analytical Data – Inorganics. Figure 13 presents Groundwater Analytical Results – Organics – December 2023;

Figure 14 presents Groundwater Analytical Results – Inorganics – December 2023. The Pace analytical reports are presented as Appendix B.

5. Groundwater Remediation Activities

Following the December 2022 Deep Earth Technologies, Inc (DTI) direct well injections of Cool-Ox® event, post injection monitoring and sampling continued into 2023 as specified in the Cool-Ox® work plan submitted by GHD. The site monitoring wells were gauged approximately 30 days after treatment, field parameters were collected approximately 60 days after treatment, field parameters and groundwater samples for heterotrophic plate counts were collected approximately 90 days after treatment. The Eurofins Analytical Report for the is included in Appendix B and the DTI Application Report is presented as Appendix C.

Groundwater quality parameters collected include temperature, specific conductivity, pH, dissolved oxygen (DO), and oxidation reduction potential (ORP). Pre-injection analytical results and groundwater quality parameters are compared to 90-day post-injection analytical results and groundwater quality parameters and are presented on the table below:

Date	Well ID	Heterotrophic Plate Count (CFU/mL)	Temperature (°C)	Conductivity (µS/cm)	pH	DO (mg/L)	ORP (mV)
12/5/22	MW-1	<10	20.13	6404	12.67	26.71	-46.4
12/5/22	MW-2	20	19.92	5063	12.50	23.33	-63.3
12/5/22	MW-3	10	19.90	3602	12.43	24.38	-48.1
12/5/22	MW-6	Dry					
12/5/22	MW-8	20000	19.81	966	7.02	1.85	-120.9
3/22/23	MW-1	<10	27.99	8131	12.53	22.79	-31.7
3/22/23	MW-2	<10	22.12	8202	12.69	21.03	-61.3
3/22/23	MW-3	<10	23.81	8870	19.52	19.52	-57.5
3/22/23	MW-6	Dry					
3/22/23	MW-8	Dry					
3/22/23	MW-9	Dry					

Compliance groundwater samples were collected in all four quarters of 2023 following the Cool-Ox® event and will continue quarterly through 2024.

6. Summary of Corrective Action Activities and Recommendations

LNAPL was last observed at the site in September 2021 in well MW-9 and was not observed during all four quarterly sampling events in 2023. Collecting eight quarters of groundwater data without the presence of LNAPL remains the remedial objective for this site. If the site can demonstrate eight quarters of groundwater monitoring activities without the presence of LNAPL then a risk-based closure application will be submitted to NMOCD.

Groundwater monitoring data collected from MW-1 and MW-2 during March, June, September and December of 2023 demonstrate benzene levels exceeding the 1996 NMWQCC standards but appear to be trending downwards. Monitor well MW-3 also recorded one benzene exceedance within the same sampling year. As part of our ongoing efforts, GHD will continue to monitor the site on a quarterly basis, allowing for potential progress toward monitored natural attenuation.

In response to requests from GHD and P66, the NMOCD approved the discontinuance of chloride monitoring at all site wells except MW-11, MW-17, and MW-21 following the 2022 Groundwater Monitoring and Remediation Report. This was based on significant data consistently showing below the NMWQCC standard for chloride of 250 mg/L.

GHD will continue groundwater monitoring on a quarterly basis through 2024 and reporting on an annual basis for the site, as directed by the NMOCD.

All of which is Respectfully Submitted,

GHD

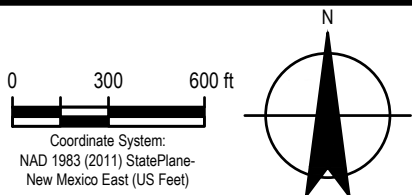


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Project Director

Figures

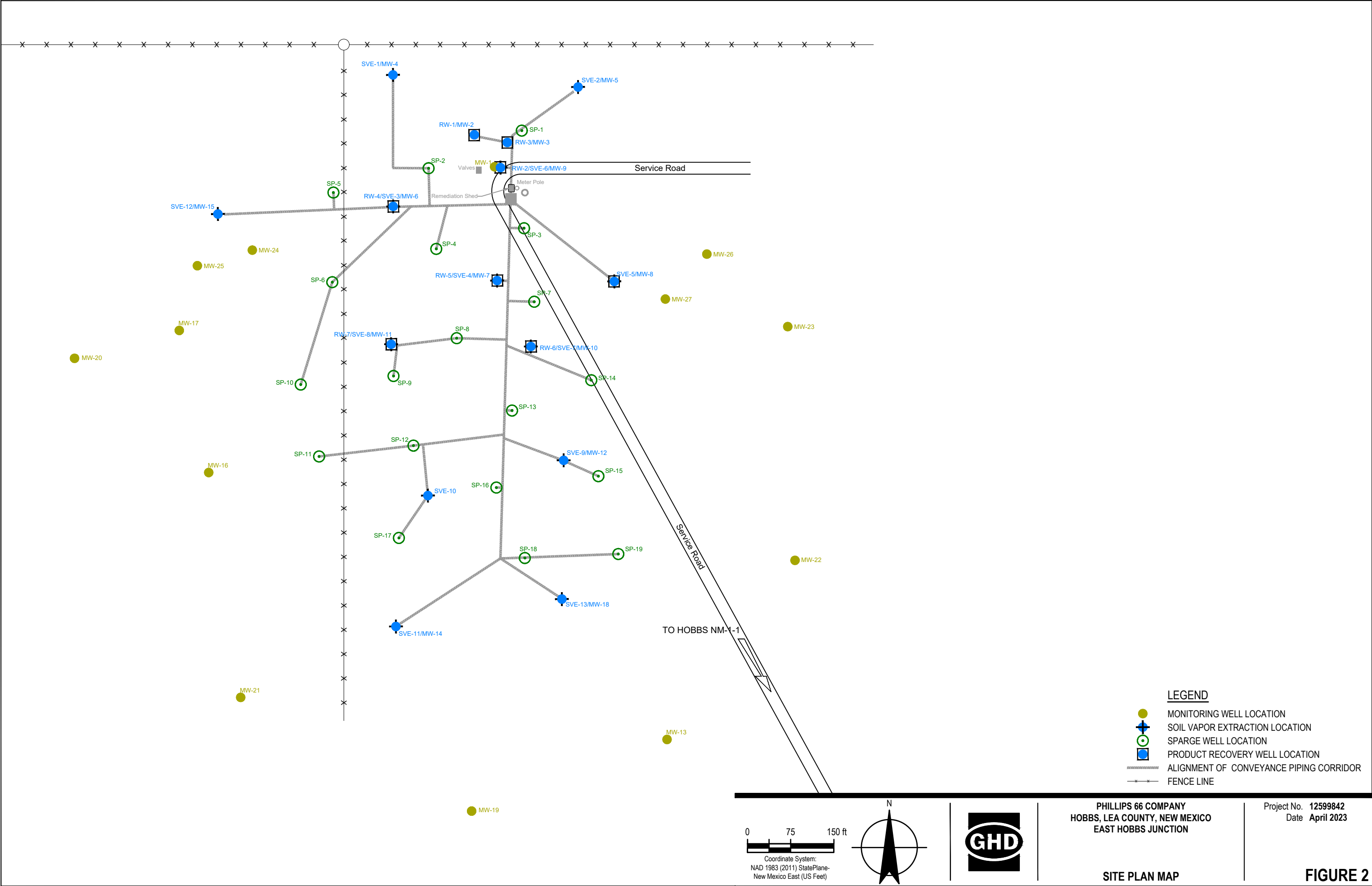


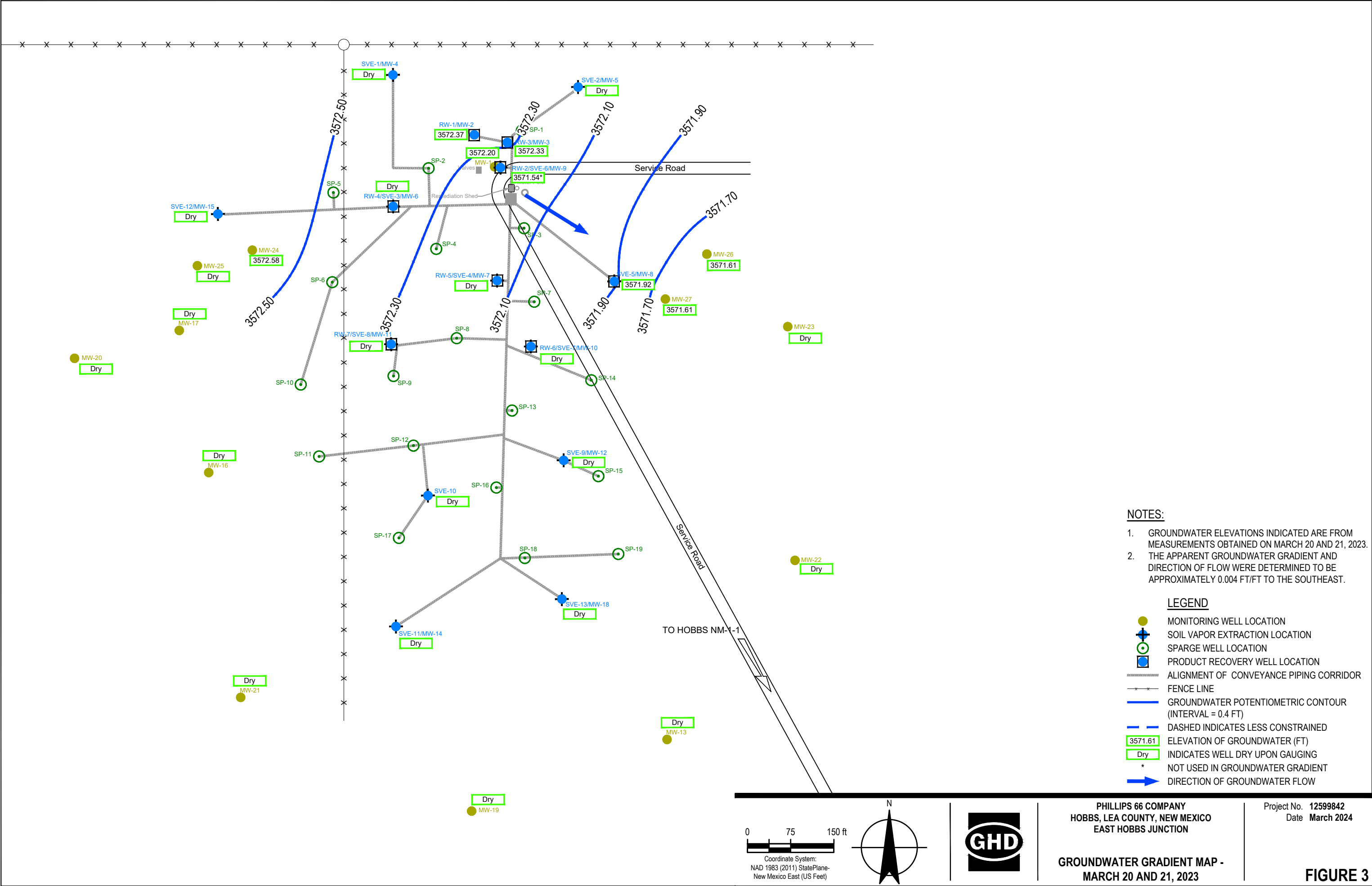
PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
EAST HOBBS JUNCTION

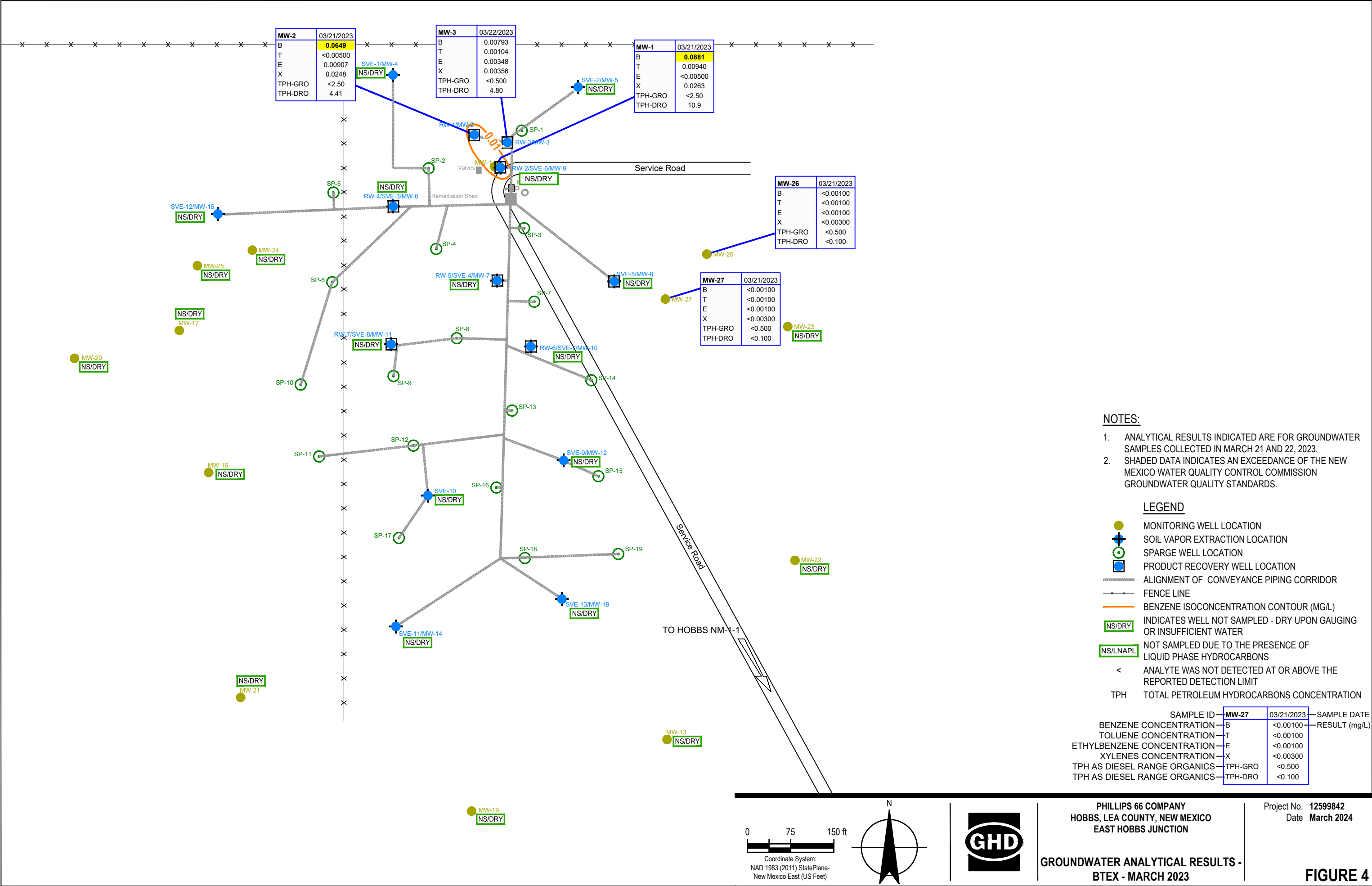
Project No. 12599842
Date April 2023

SITE AERIAL MAP

FIGURE 1







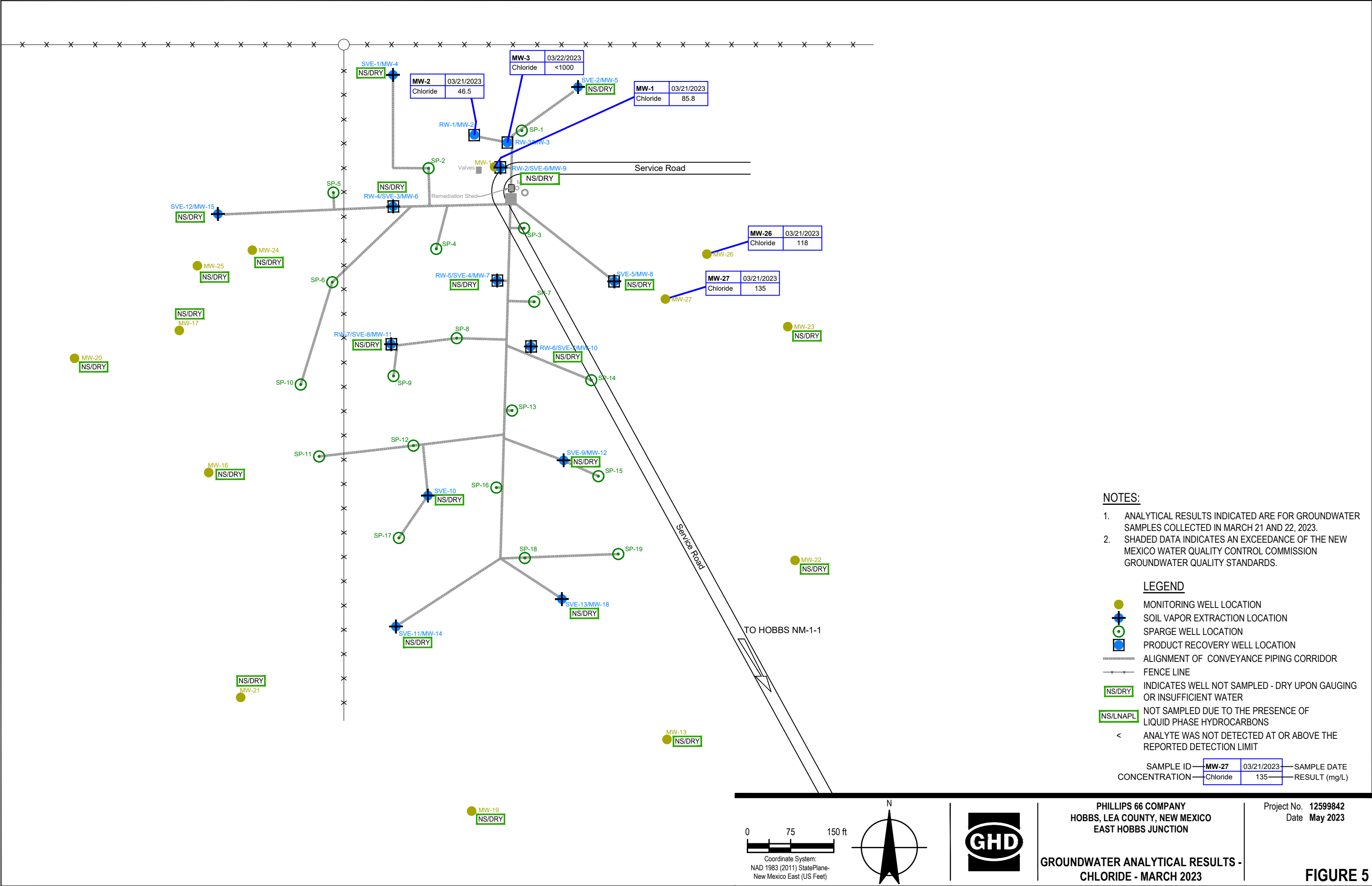
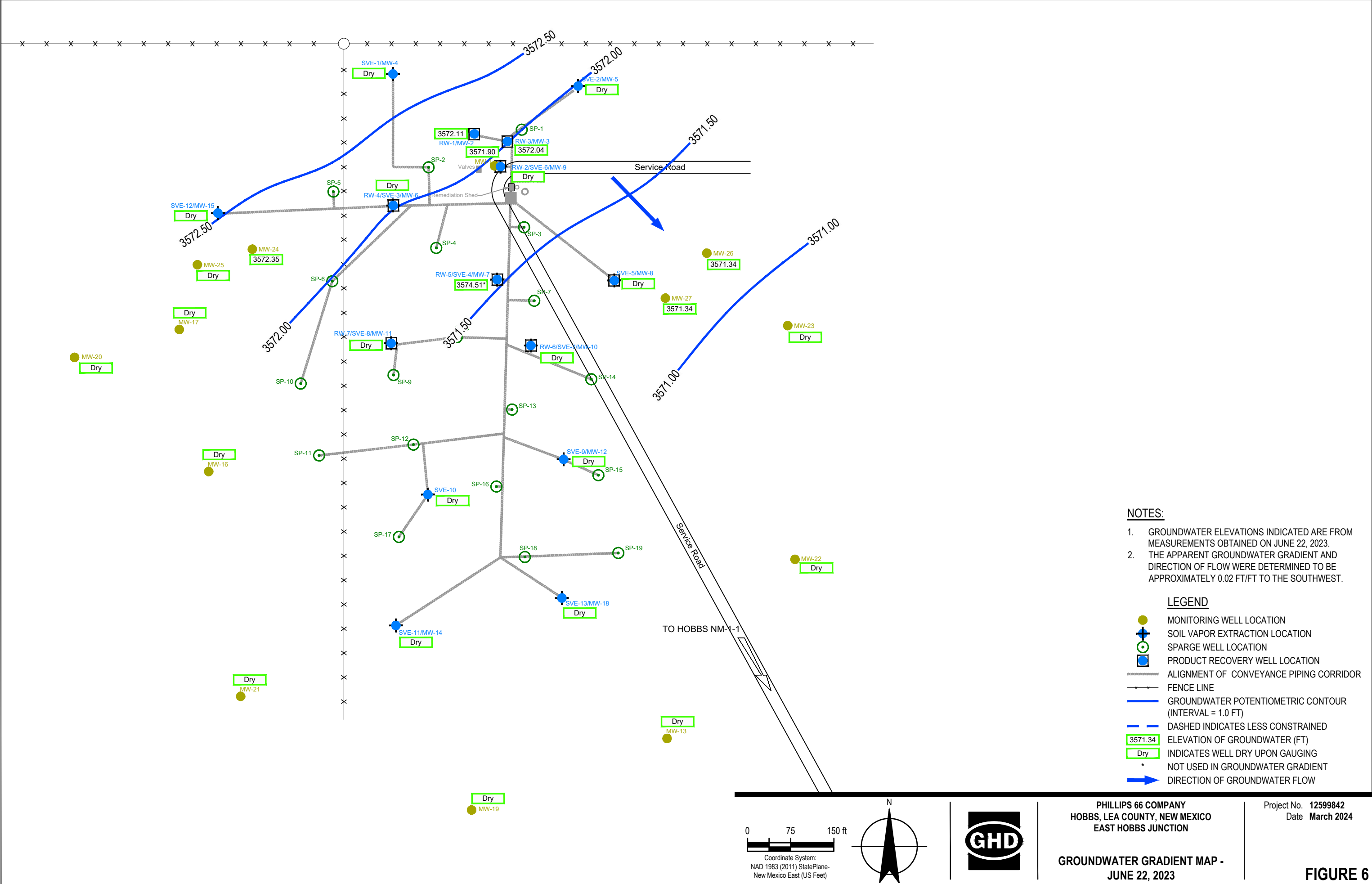
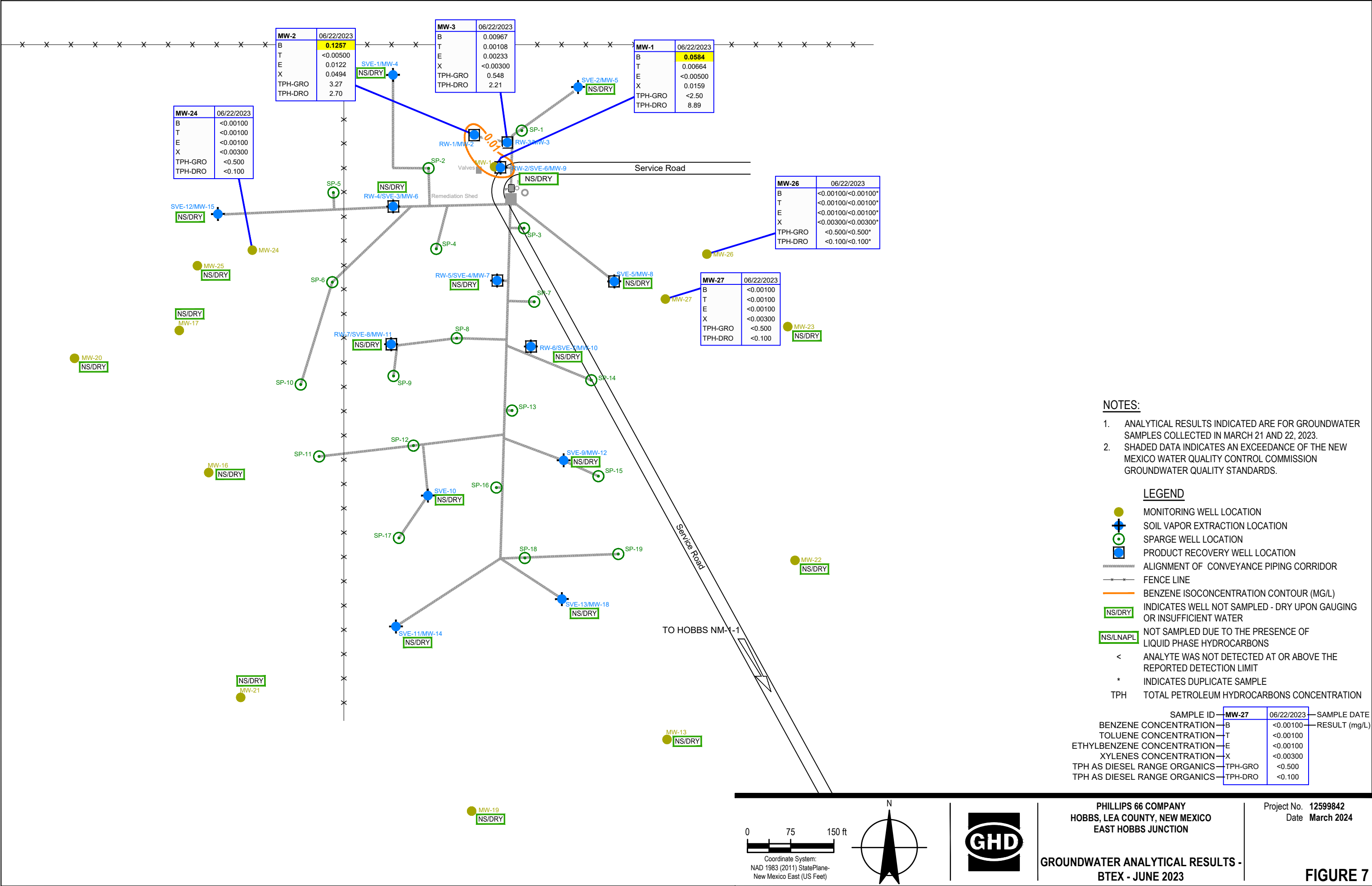
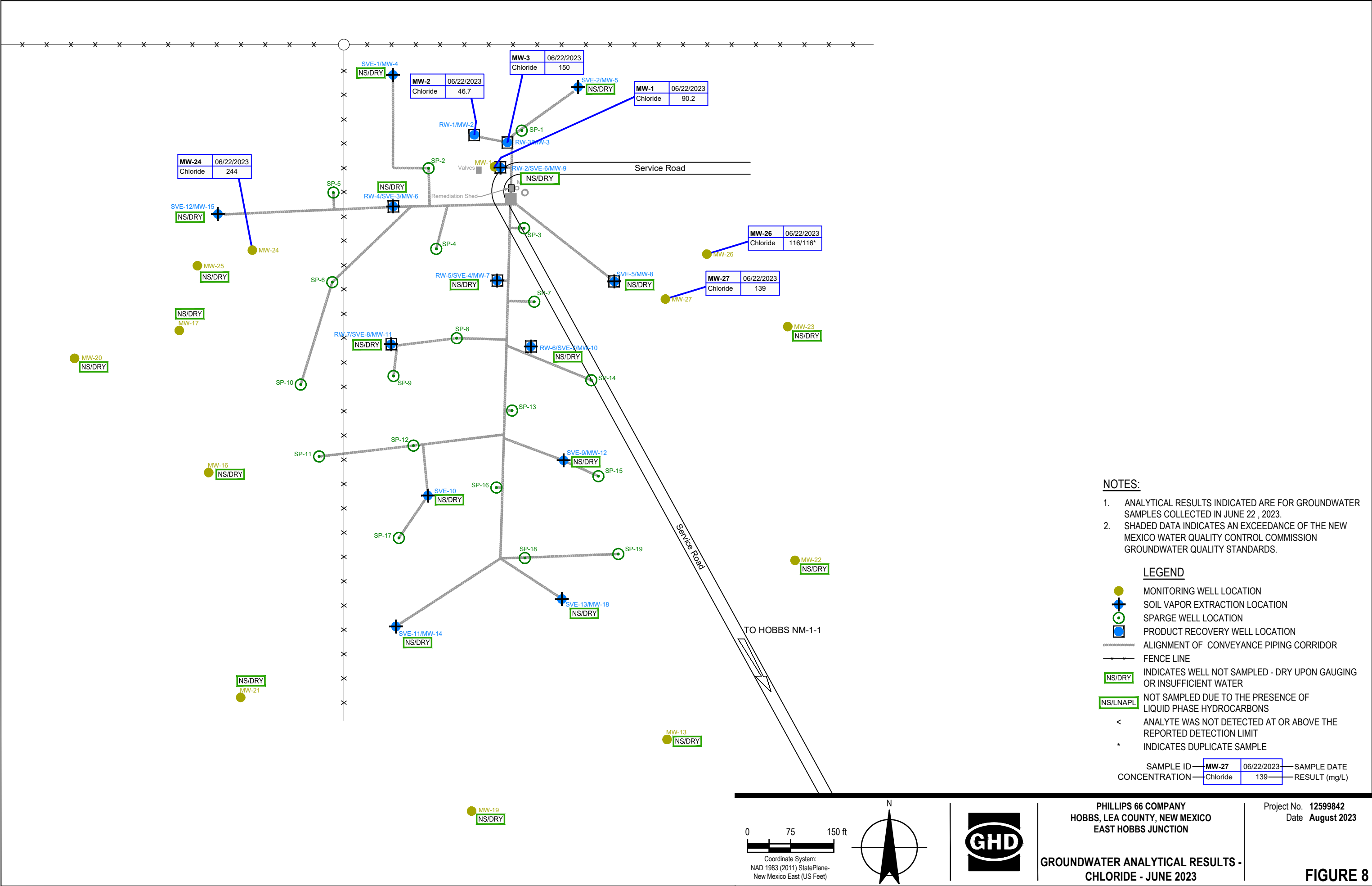
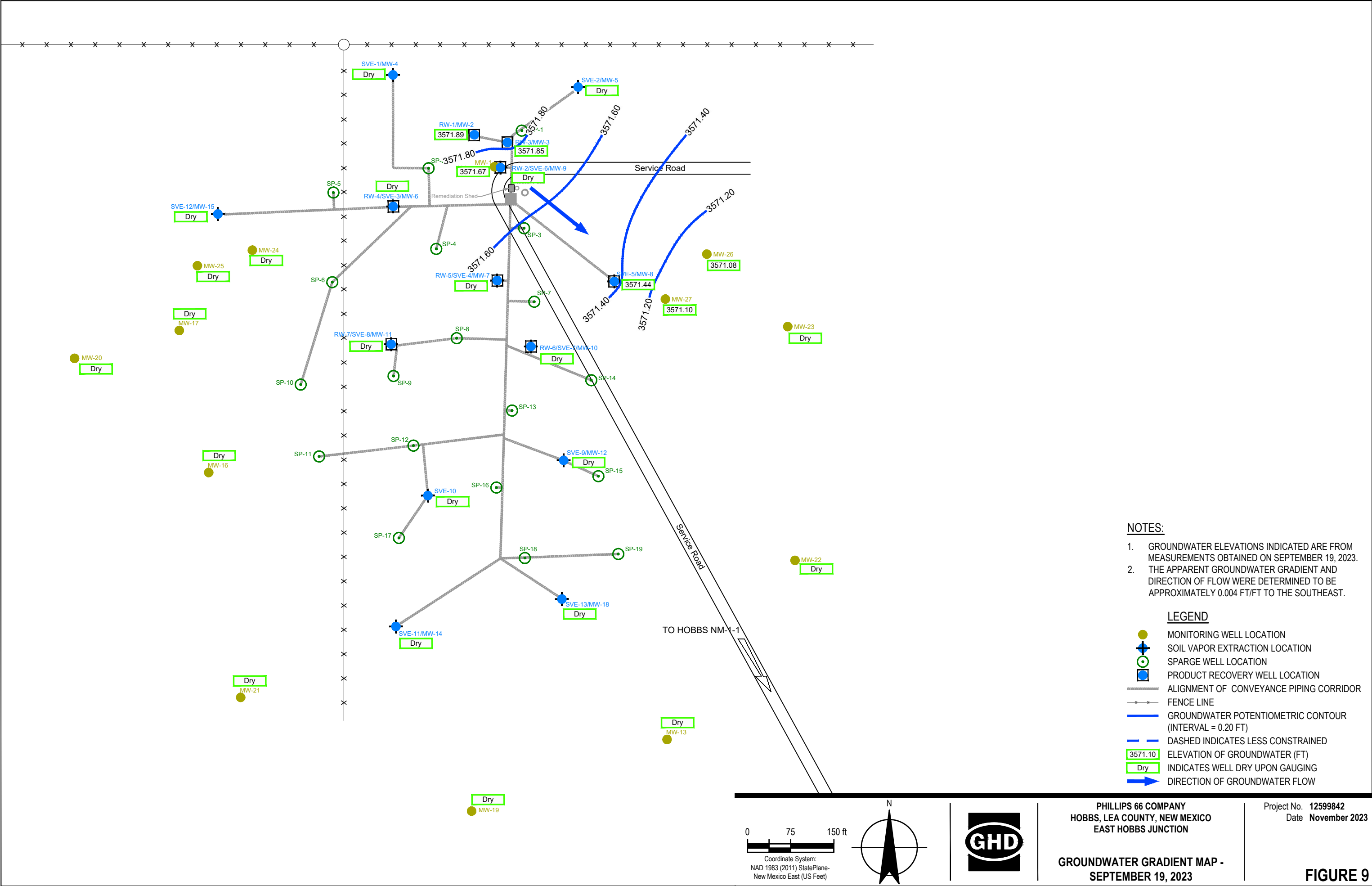


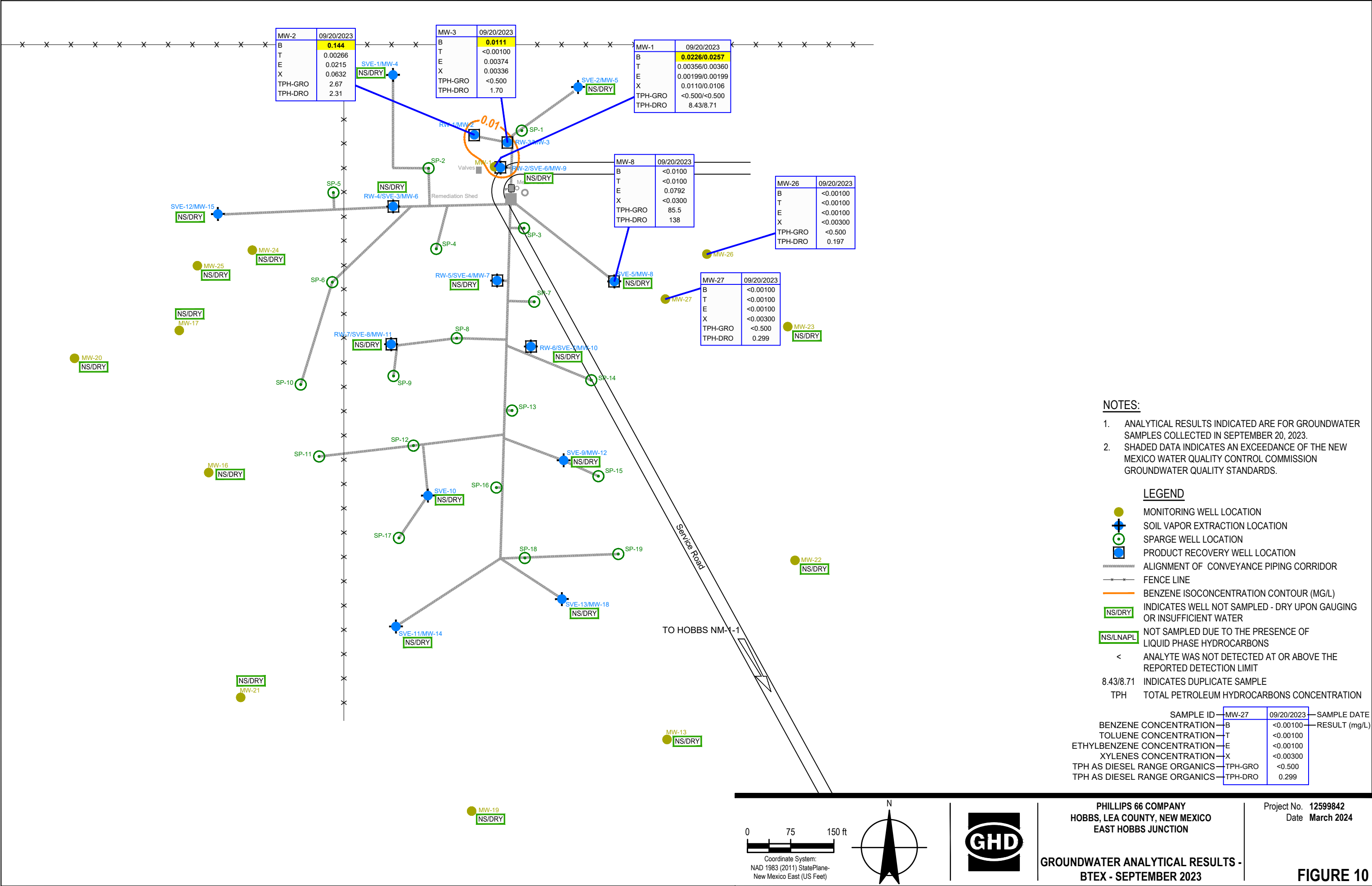
FIGURE 5

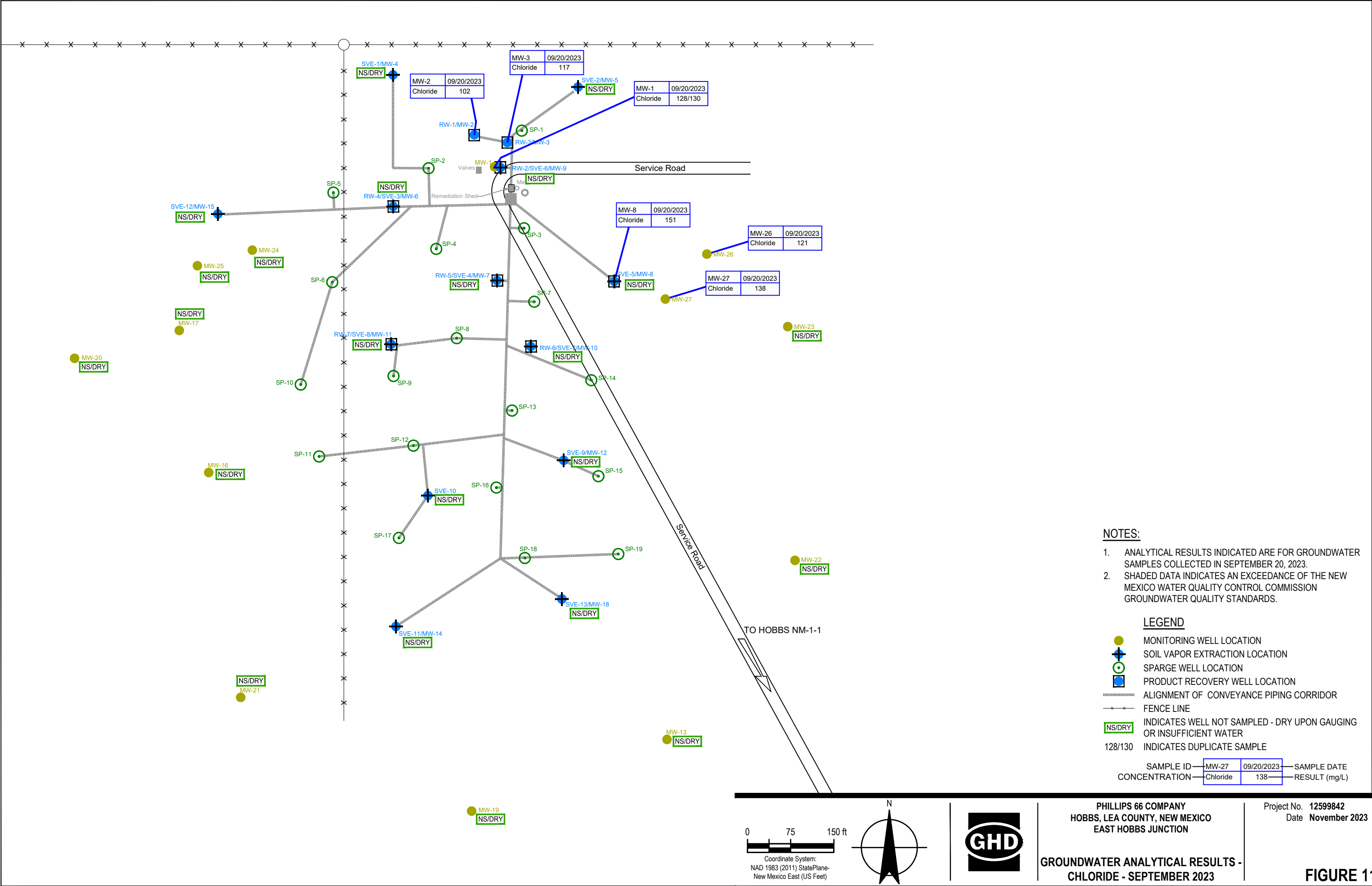


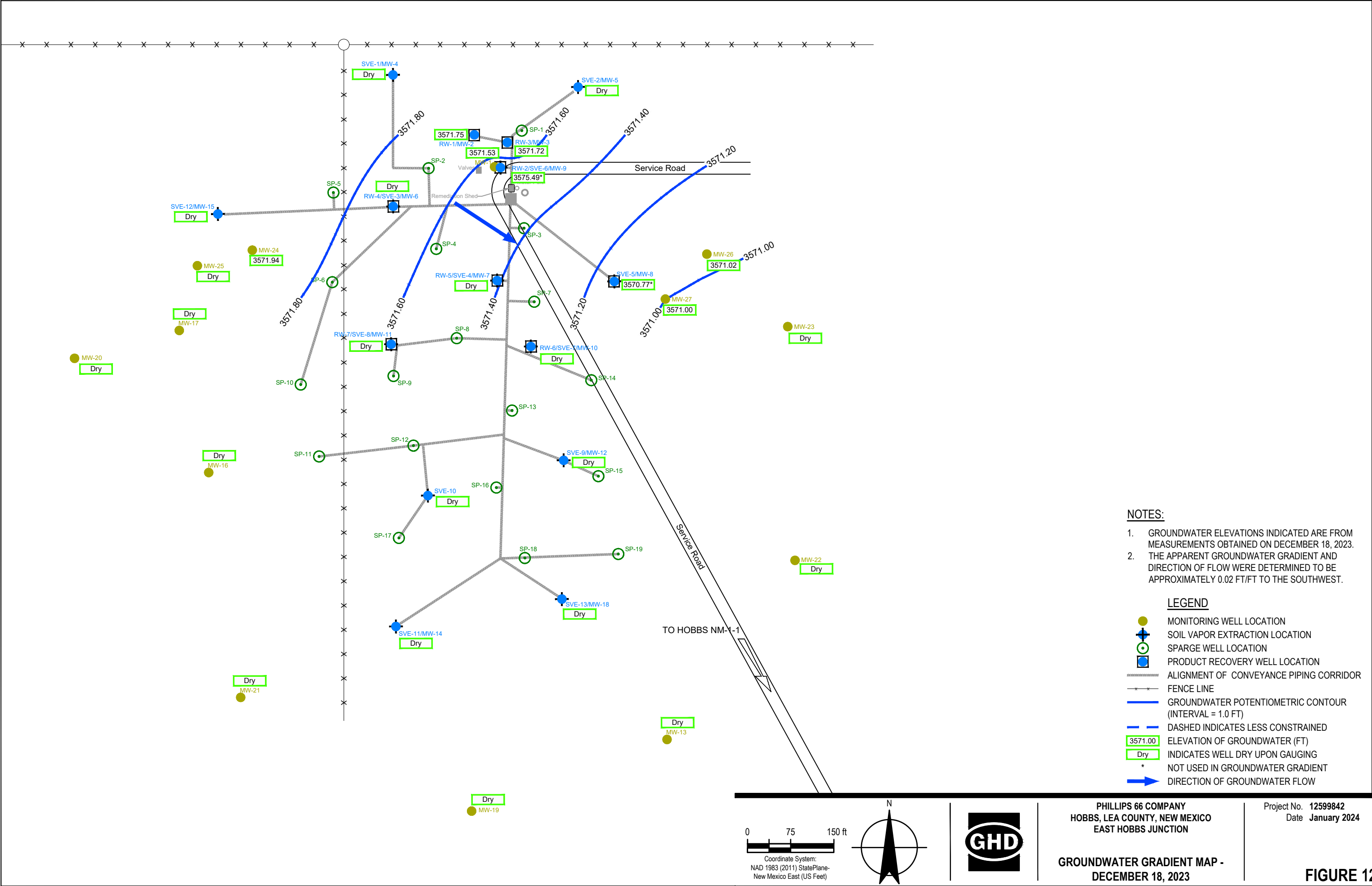


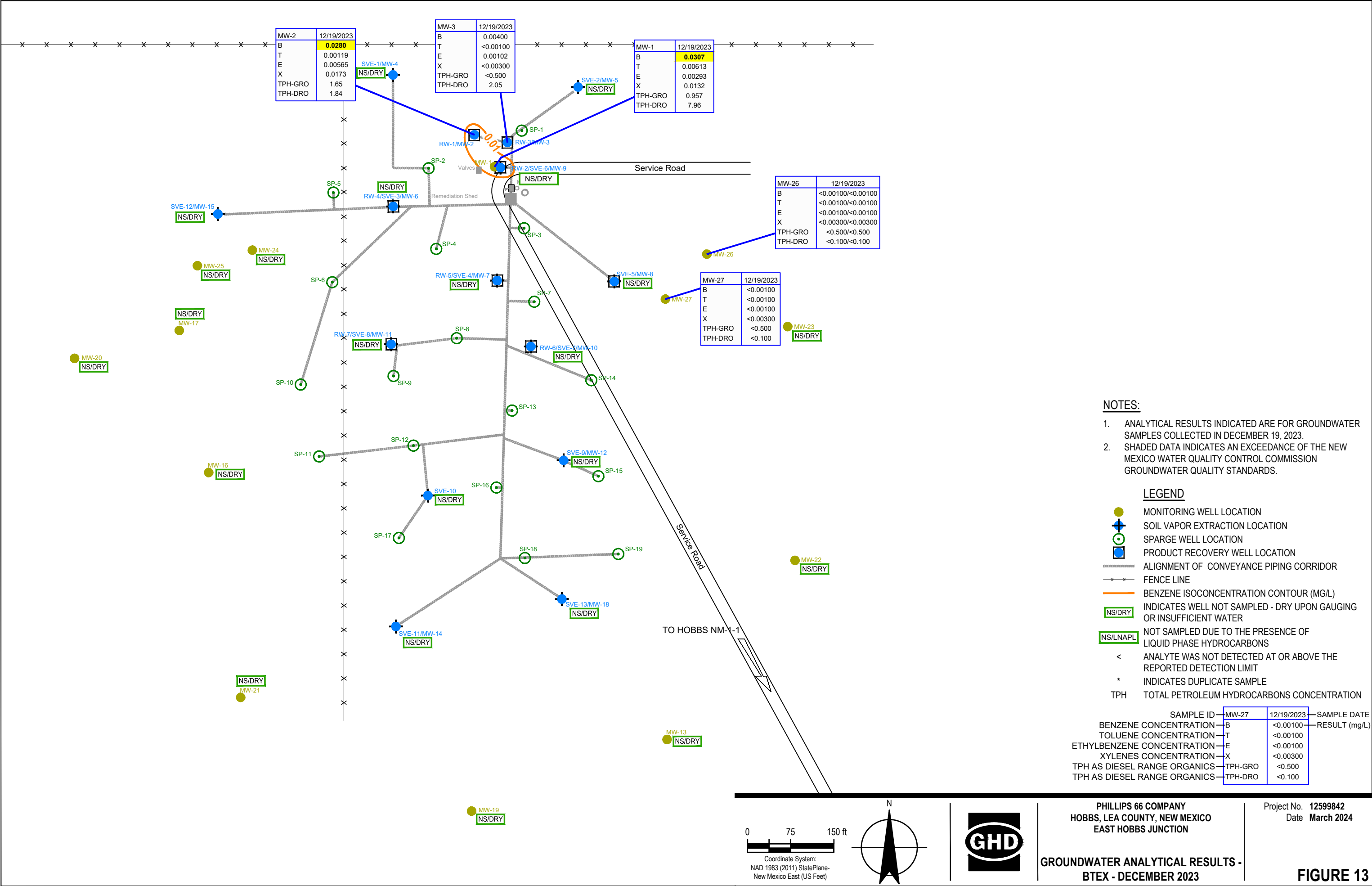












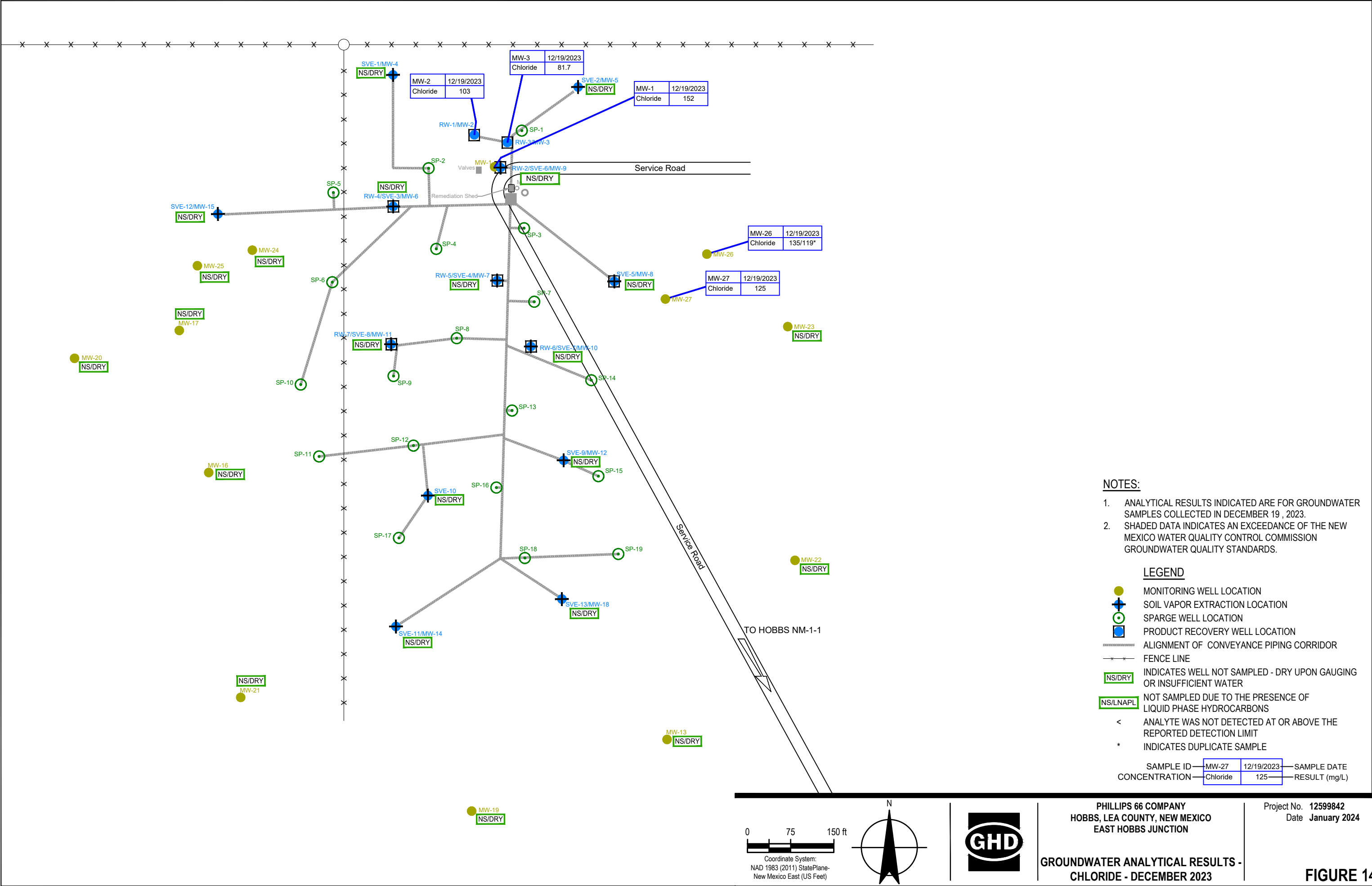


FIGURE 14



LEGEND

- MONITORING WELL LOCATION
- PRODUCT RECOVERY WELL LOCATION
- SPARGE WELL LOCATION
- ALIGNMENT OF CONVEYANCE PIPING CORRIDOR
- FENCE LINE

0 15 30 ft

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

PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
EAST HOBBS JUNCTION

REMEDIAL INJECTION PLAN

Project No. 12599842
Date March 2024

FIGURE 15

Tables

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	03/01/01	3606.28	24.19	27.14	2.95	3581.50
MW-1	06/25/01	3606.28	NM	NM		NM
MW-1	09/25/01	3606.28	NM	NM		NM
MW-1	12/11/01	3606.28	NM	NM		NM
MW-1	05/22/02	3606.28	25.39	27.85	2.46	3580.40
MW-1	04/18/05	3606.28	--	24.29	--	3581.99
MW-1	07/18/05	3606.28	--	24.31	--	3581.97
MW-1	10/17/05	3606.28	--	24.23	--	3582.05
MW-1	01/23/06	3606.28	--	24.42	--	3581.86
MW-1	04/24/06	3606.28	24.79	24.80	0.01	3581.49
MW-1	10/10/11	3606.28	27.95	29.92	1.97	3577.94
MW-1	05/30/12	3606.28	28.70	30.56	1.86	3577.21
MW-1	01/31/13	3606.28	29.30	30.90	1.60	3576.66
MW-1	02/07/13	3606.28	29.41	30.58	1.17	3576.64
MW-1	02/14/13	3606.28	29.30	30.90	1.60	3576.66
MW-1	03/07/13	3606.28	29.48	30.68	1.20	3576.56
MW-1	08/22/13	3606.28	29.94	31.20	1.26	3576.09
MW-1	09/19/13	3606.28	30.23	30.53	0.30	3575.98
MW-1	10/03/13	3606.28	30.22	30.58	0.36	3575.98
MW-1	10/31/13	3606.28	30.06	31.42	1.36	3575.92
MW-1	01/08/14	3606.28	30.09	31.94	1.85	3575.78
MW-1	03/10/14	3606.28	30.20	32.09	1.89	3575.66
MW-1	03/25/14	3606.28	30.18	32.15	1.97	3575.67
MW-1	04/02/14	3606.28	30.22	32.23	2.01	3575.62
MW-1	04/16/14	3606.28	30.25	32.22	1.97	3575.60
MW-1	04/28/14	3606.28	30.30	32.27	1.97	3575.55
MW-1	05/15/14	3606.28	30.36	32.29	1.93	3575.50
MW-1	05/28/14	3606.28	30.44	32.15	1.71	3575.46
MW-1	06/09/14	3606.28	30.48	32.20	1.72	3575.42
MW-1	07/29/14	3606.28	30.60	32.38	1.78	3575.29
MW-1	08/06/14	3606.28	30.68	32.39	1.71	3575.22
MW-1	08/19/14	3606.28	30.63	32.38	1.75	3575.27
MW-1	09/03/14	3606.28	30.74	32.48	1.74	3575.16
MW-1	10/01/14	3606.28	30.49	32.07	1.58	3575.44
MW-1	10/30/14	3606.28	30.46	32.10	1.64	3575.46
MW-1	11/19/14	3606.28	30.34	32.02	1.68	3575.57
MW-1	11/24/14	3606.28	30.60	31.52	0.92	3575.48
MW-1	12/10/14	3606.28	30.56	31.53	0.97	3575.51
MW-1	01/20/15	3606.28	30.52	31.50	0.98	3575.54
MW-1	02/24/15	3606.28	30.48	31.41	0.93	3575.60
MW-1	02/25/15	3606.28	30.63	31.17	0.54	3575.53
MW-1	02/26/15	3606.28	30.65	31.18	0.53	3575.51
MW-1	02/27/15	3606.28	30.64	31.19	0.55	3575.52
MW-1	04/23/15	3606.28	30.69	31.42	0.73	3575.43
MW-1	04/24/15	3606.28	30.84	30.91	0.07	3575.42
MW-1	04/27/15	3606.28	30.91	31.01	0.10	3575.35
MW-1	05/15/15	3606.28	30.92	31.09	0.17	3575.32
MW-1	06/08/15	3606.28	30.89	31.05	0.16	3575.35
MW-1	07/09/15	3606.28	30.81	31.01	0.20	3575.43
MW-1	07/10/15	3606.28	30.86	30.91	0.05	3575.41
MW-1	07/27/15	3606.28	30.80	30.90	0.10	3575.46
MW-1	08/18/15	3606.28	30.78	30.94	0.16	3575.46
MW-1	09/29/15	3606.28	30.77	30.93	0.16	3575.47
MW-1	11/19/15	3606.28	30.55	30.77	0.22	3575.68
MW-1	11/20/15	3606.28	30.61	30.66	0.05	3575.66
MW-1	11/23/15	3606.28	30.62	30.67	0.05	3575.65
MW-1	01/21/16	3606.28	30.38	30.54	0.16	3575.86
MW-1	02/18/16	3606.28	30.36	30.54	0.18	3575.88
MW-1	03/21/16	3606.28	30.31	30.63	0.32	3575.90
MW-1	04/14/16	3606.28	30.35	30.79	0.44	3575.83
MW-1	05/19/16	3606.28	30.49	31.00	0.51	3575.68
MW-1	07/27/16	3606.28	30.75	31.40	0.65	3575.39
MW-1	10/13/16	3606.28	29.33	30.28	0.95	3576.74

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	12/08/16	3606.28	29.81	30.11	0.30	3576.40
MW-1	03/22/17	3606.28	29.64	29.96	0.32	3576.57
MW-1	09/18/17	3606.28	30.10	30.14	0.04	3576.17
MW-1	03/21/18	3606.28	--	30.33	--	3575.95
MW-1	05/15/18	3606.28	--	31.62	--	3574.66
MW-1	06/14/18	3606.28	--	30.80	--	3575.48
MW-1	09/18/18	3606.28	--	31.04	--	3575.24
MW-1	03/05/19	3606.28	--	31.21	--	3575.07
MW-1	06/04/19	3606.28	--	31.40	--	3574.88
MW-1	09/03/19	3606.28	--	31.57	--	3574.71
MW-1	12/05/19	3606.28	--	31.75	--	3574.53
MW-1	03/02/20	3606.28	--	31.87	--	3574.41
MW-1	06/18/20	3606.28	--	32.00	--	3574.28
MW-1	09/08/20	3606.28	--	32.46	--	3573.82
MW-1	03/15/21	3606.28	--	32.73	--	3573.55
MW-1	09/15/21	3606.28	--	33.33	--	3572.95
MW-1	03/28/22	3606.28	--	33.38	--	3572.90
MW-1	09/06/22	3606.28	--	33.82	--	3572.46
MW-1	01/27/23	3606.28	--	33.84	--	3572.44
MW-1	02/09/23	3606.28	--	34.06	--	3572.22
MW-1	03/21/23	3606.28	--	34.08	--	3572.20
MW-1	06/22/23	3606.28	--	34.38	--	3571.90
MW-1	09/19/23	3606.28	--	34.61	--	3571.67
MW-1	12/18/23	3606.28	--	34.75	--	3571.53
MW-2 (RW-1)	03/01/01	3606.45	24.29	26.88	2.59	3581.64
MW-2 (RW-1)	06/25/01	3606.45	25.73	26.67	0.94	3580.53
MW-2 (RW-1)	09/25/01	3606.45	26.04	26.59	0.55	3580.30
MW-2 (RW-1)	12/11/01	3606.45	25.73	28.20	2.47	3580.23
MW-2 (RW-1)	05/22/02	3606.45	26.33	28.00	1.67	3579.79
MW-2 (RW-1)	11/05/02	3606.45	24.67	28.73	4.06	3580.97
MW-2 (RW-1)	02/25/03	3606.45	26.55	29.30	2.75	3579.35
MW-2 (RW-1)	04/09/03	3606.45	26.41	28.41	2.00	3579.64
MW-2 (RW-1)	06/25/03	3606.45	26.58	28.55	1.97	3579.48
MW-2 (RW-1)	09/11/03	3606.45	26.62	28.60	1.98	3579.43
MW-2 (RW-1)	11/05/03	3606.45	26.95	28.74	1.79	3579.14
MW-2 (RW-1)	01/19/04	3606.45	27.35	28.42	1.07	3578.89
MW-2 (RW-1)	04/20/04	3606.45	27.47	28.24	0.77	3578.83
MW-2 (RW-1)	07/20/04	3606.45	27.74	28.97	1.23	3578.46
MW-2 (RW-1)	10/25/04	3606.45	25.20	25.39	0.19	3581.21
MW-2 (RW-1)	01/24/05	3606.45	--	25.42	--	3581.03
MW-2 (RW-1)	02/14/05	3606.45	--	25.35	--	3581.10
MW-2 (RW-1)	03/02/05	3606.45	--	25.31	--	3581.14
MW-2 (RW-1)	03/08/05	3606.45	--	25.28	--	3581.17
MW-2 (RW-1)	03/23/05	3606.45	--	25.21	--	3581.24
MW-2 (RW-1)	04/18/05	3606.45	25.10	25.11	0.01	3581.35
MW-2 (RW-1)	05/09/05	3606.45	--	25.12	--	3581.33
MW-2 (RW-1)	06/10/05	3606.45	--	25.08	--	3581.37
MW-2 (RW-1)	07/18/05	3606.45	25.09	25.10	0.01	3581.36
MW-2 (RW-1)	10/17/05	3606.45	24.88	25.00	0.12	3581.55
MW-2 (RW-1)	12/28/05	3606.45	--	25.15	--	3581.30
MW-2 (RW-1)	01/10/06	3606.45	25.19	25.20	0.01	3581.26
MW-2 (RW-1)	01/23/06	3606.45	25.17	25.21	0.04	3581.27
MW-2 (RW-1)	04/24/06	3606.45	25.56	25.58	0.02	3580.89
MW-2 (RW-1)	07/24/06	3606.45	25.91	25.95	0.04	3580.53
MW-2 (RW-1)	10/23/06	3606.45	--	25.79	--	3580.66
MW-2 (RW-1)	01/23/07	3606.45	25.82	25.83	0.01	3580.63
MW-2 (RW-1)	04/23/07	3606.45	26.11	26.27	0.16	3580.31
MW-2 (RW-1)	07/23/07	3606.45	26.25	26.38	0.13	3580.17
MW-2 (RW-1)	10/22/07	3606.45	26.29	26.38	0.09	3580.14
MW-2 (RW-1)	01/28/08	3606.45	26.32	26.39	0.07	3580.12
MW-2 (RW-1)	04/21/08	3606.45	26.54	26.62	0.08	3579.89
MW-2 (RW-1)	07/21/08	3606.45	26.83	26.91	0.08	3579.60

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-2 (RW-1)	10/20/08	3606.45	27.00	27.11	0.11	3579.43
MW-2 (RW-1)	01/19/09	3606.45	--	27.25	--	3579.20
MW-2 (RW-1)	04/20/09	3606.45	27.48	27.49	0.01	3578.97
MW-2 (RW-1)	07/27/09	3606.45	--	27.78	--	3578.67
MW-2 (RW-1)	10/26/09	3606.45	--	27.95	--	3578.50
MW-2 (RW-1)	01/25/10	3606.45	--	28.16	--	3578.29
MW-2 (RW-1)	04/26/10	3606.45	28.10	29.34	1.24	3578.10
MW-2 (RW-1)	07/26/10	3606.45	27.86	28.95	1.09	3578.37
MW-2 (RW-1)	10/25/10	3606.45	27.78	27.87	0.09	3578.65
MW-2 (RW-1)	01/24/11	3606.45	28.32	29.60	1.28	3577.87
MW-2 (RW-1)	03/01/11	3606.45	--	29.88	--	3576.57
MW-2 (RW-1)	04/04/11	3606.45	28.51	30.12	1.61	3577.62
MW-2 (RW-1)	04/05/11	3606.45	28.56	29.81	1.25	3577.64
MW-2 (RW-1)	04/11/11	3606.45	28.58	29.98	1.40	3577.59
MW-2 (RW-1)	04/18/11	3606.45	28.58	30.05	1.47	3577.58
MW-2 (RW-1)	04/25/11	3606.45	28.56	30.07	1.51	3577.59
MW-2 (RW-1)	05/02/11	3606.45	28.71	29.83	1.12	3577.52
MW-2 (RW-1)	05/03/11	3606.45	28.70	29.70	1.00	3577.55
MW-2 (RW-1)	05/09/11	3606.45	28.64	29.97	1.33	3577.54
MW-2 (RW-1)	05/31/11	3606.45	28.66	30.16	1.50	3577.49
MW-2 (RW-1)	06/06/11	3606.45	28.67	30.12	1.45	3577.49
MW-2 (RW-1)	10/10/11	3606.45	28.80	30.17	1.37	3577.38
MW-2 (RW-1)	05/30/12	3606.45	30.05	30.30	0.25	3576.35
MW-2 (RW-1)	02/27/13	3606.45	30.40	31.95	1.55	3575.74
MW-2 (RW-1)	03/07/13	3606.45	30.13	31.70	1.57	3576.01
MW-2 (RW-1)	03/14/13	3606.45	30.43	31.99	1.56	3575.71
MW-2 (RW-1)	03/19/13	3606.45	30.43	32.05	1.62	3575.70
MW-2 (RW-1)	04/05/13	3606.45	30.48	32.05	1.57	3575.66
MW-2 (RW-1)	04/10/13	3606.45	30.43	32.00	1.57	3575.71
MW-2 (RW-1)	04/18/13	3606.45	30.51	32.00	1.49	3575.64
MW-2 (RW-1)	04/25/13	3606.45	30.53	32.05	1.52	3575.62
MW-2 (RW-1)	05/09/13	3606.45	30.60	32.16	1.56	3575.54
MW-2 (RW-1)	05/13/13	3606.45	30.35	31.89	1.54	3575.79
MW-2 (RW-1)	05/23/13	3606.45	30.62	32.17	1.55	3575.52
MW-2 (RW-1)	05/30/13	3606.45	30.63	32.20	1.57	3575.51
MW-2 (RW-1)	06/07/13	3606.45	30.68	32.21	1.53	3575.46
MW-2 (RW-1)	06/13/13	3606.45	30.41	31.97	1.56	3575.73
MW-2 (RW-1)	06/27/13	3606.45	30.45	32.01	1.56	3575.69
MW-2 (RW-1)	07/02/13	3606.45	30.63	32.20	1.57	3575.51
MW-2 (RW-1)	07/11/13	3606.45	30.77	32.32	1.55	3575.37
MW-2 (RW-1)	07/23/13	3606.45	31.14	31.19	0.05	3575.30
MW-2 (RW-1)	08/22/13	3606.45	31.21	31.29	0.08	3575.22
MW-2 (RW-1)	09/19/13	3606.45	31.31	31.33	0.02	3575.14
MW-2 (RW-1)	10/03/13	3606.45	31.28	31.30	0.02	3575.17
MW-2 (RW-1)	10/31/13	3606.45	31.32	31.50	0.18	3575.09
MW-2 (RW-1)	11/14/13	3606.45	31.30	31.74	0.44	3575.05
MW-2 (RW-1)	11/27/13	3606.28	31.30	31.85	0.55	3574.86
MW-2 (RW-1)	12/11/13	3606.45	31.20	31.21	0.01	3575.25
MW-2 (RW-1)	12/24/13	3606.45	31.20	31.22	0.02	3575.25
MW-2 (RW-1)	01/08/14	3606.45	31.52	31.52	0.00	3574.93
MW-2 (RW-1)	03/10/14	3606.45	31.44	32.30	0.86	3574.82
MW-2 (RW-1)	03/25/14	3606.45	31.41	32.33	0.92	3574.84
MW-2 (RW-1)	04/02/14	3606.45	31.41	32.54	1.13	3574.79
MW-2 (RW-1)	04/16/14	3606.45	31.45	32.17	0.72	3574.84
MW-2 (RW-1)	04/28/14	3606.45	31.50	32.64	1.14	3574.70
MW-2 (RW-1)	05/15/14	3606.45	31.52	32.70	1.18	3574.67
MW-2 (RW-1)	05/28/14	3606.45	31.66	32.31	0.65	3574.65
MW-2 (RW-1)	06/09/14	3606.45	31.66	32.40	0.74	3574.63
MW-2 (RW-1)	07/29/14	3606.45	31.78	32.78	1.00	3574.45
MW-2 (RW-1)	08/06/14	3606.45	31.90	32.89	0.99	3574.33
MW-2 (RW-1)	08/19/14	3606.45	31.79	32.86	1.07	3574.42
MW-2 (RW-1)	09/03/14	3606.45	31.89	32.90	1.01	3574.34
MW-2 (RW-1)	10/01/14	3606.45	31.63	32.43	0.80	3574.64

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-2 (RW-1)	10/30/14	3606.45	31.64	32.47	0.83	3574.63
MW-2 (RW-1)	11/19/14	3606.45	31.26	32.15	0.89	3574.99
MW-2 (RW-1)	11/24/14	3606.45	--	31.79	--	3574.66
MW-2 (RW-1)	12/10/14	3606.45	--	31.78	--	3574.67
MW-2 (RW-1)	01/08/15	3606.45	31.75	31.76	0.01	3574.70
MW-2 (RW-1)	01/20/15	3606.45	--	31.74	--	3574.71
MW-2 (RW-1)	02/24/15	3606.45	31.69	31.75	0.06	3574.75
MW-2 (RW-1)	02/25/15	3606.45	31.76	31.78	0.02	3574.69
MW-2 (RW-1)	02/26/15	3606.45	31.77	31.78	0.01	3574.68
MW-2 (RW-1)	02/27/15	3606.45	31.76	31.78	0.02	3574.69
MW-2 (RW-1)	03/10/15	3606.45	31.76	31.80	0.04	3574.68
MW-2 (RW-1)	04/23/15	3606.45	31.83	31.97	0.14	3574.59
MW-2 (RW-1)	04/24/15	3606.45	31.88	31.90	0.02	3574.57
MW-2 (RW-1)	05/15/15	3606.45	31.95	32.05	0.10	3574.48
MW-2 (RW-1)	06/08/15	3606.45	31.94	32.03	0.09	3574.49
MW-2 (RW-1)	07/09/15	3606.45	31.85	31.92	0.07	3574.58
MW-2 (RW-1)	07/10/15	3606.45	31.92	31.93	0.01	3574.53
MW-2 (RW-1)	07/27/15	3606.45	31.81	31.82	0.01	3574.64
MW-2 (RW-1)	08/18/15	3606.45	31.83	31.84	0.01	3574.62
MW-2 (RW-1)	09/29/15	3606.45	--	32.84	--	3573.61
MW-2 (RW-1)	11/19/15	3606.45	31.63	31.66	0.03	3574.81
MW-2 (RW-1)	11/20/15	3606.45	--	31.38	--	3575.07
MW-2 (RW-1)	11/23/15	3606.45	31.67	31.68	0.01	3574.78
MW-2 (RW-1)	01/21/16	3606.45	--	31.45	--	3575.00
MW-2 (RW-1)	02/18/16	3606.45	--	31.49	--	3574.96
MW-2 (RW-1)	03/21/16	3606.45	31.40	31.47	0.07	3575.03
MW-2 (RW-1)	04/14/16	3606.45	31.47	31.50	0.03	3574.97
MW-2 (RW-1)	05/19/16	3606.45	31.59	31.67	0.08	3574.84
MW-2 (RW-1)	07/27/16	3606.45	31.89	32.09	0.20	3574.52
MW-2 (RW-1)	9/22/2016	3606.45	--	31.30	--	3575.15
MW-2 (RW-1)	10/13/16	3606.45	30.19	31.71	1.52	3575.93
MW-2 (RW-1)	12/08/16	3606.45	--	30.92	--	3575.53
MW-2 (RW-1)	03/22/17	3606.45	--	30.73	--	3575.72
MW-2 (RW-1)	09/18/17	3606.45	30.17	30.18	0.01	3576.28
MW-2 (RW-1)	03/21/18	3606.45	30.39	30.45	0.06	3576.05
MW-2 (RW-1)	05/15/18	3606.45	30.62	30.78	0.16	3575.79
MW-2 (RW-1)	06/14/18	3606.45	--	30.80	--	3575.65
MW-2 (RW-1)	09/18/18	3606.45	--	31.08	--	3575.37
MW-2 (RW-1)	03/05/19	3606.45	--	31.32	--	3575.13
MW-2 (RW-1)	06/04/19	3606.45	--	31.39	--	3575.06
MW-2 (RW-1)	09/03/19	3606.45	--	31.65	--	3574.80
MW-2 (RW-1)	12/05/19	3606.45	--	31.94	--	3574.51
MW-2 (RW-1)	03/02/20	3606.45	--	31.84	--	3574.61
MW-2 (RW-1)	06/18/20	3606.45	--	32.02	--	3574.43
MW-2 (RW-1)	09/08/20	3606.45	--	32.27	--	3574.18
MW-2 (RW-1)	03/15/21	3606.45	--	32.71	--	3573.74
MW-2 (RW-1)	09/15/21	3606.45	--	33.33	--	3573.12
MW-2 (RW-1)	03/28/22	3606.45	--	33.34	--	3573.11
MW-2 (RW-1)	09/06/22	3606.45	--	33.82	--	3572.63
MW-2 (RW-1)	01/27/23	3607.45	--	34.00	--	3573.45
MW-2 (RW-1)	02/09/23	3606.45	--	34.02	--	3572.43
MW-2 (RW-1)	03/21/23	3606.45	--	34.08	--	3572.37
MW-2 (RW-1)	06/22/23	3606.45	--	34.34	--	3572.11
MW-2 (RW-1)	09/19/23	3606.45	--	34.56	--	3571.89
MW-2 (RW-1)	12/18/23	3606.45	--	34.70	--	3571.75
MW-3 (RW-3)	03/01/01	3606.33	24.19	26.92	2.73	3581.59
MW-3 (RW-3)	06/25/01	3606.33	24.91	27.01	2.10	3581.00
MW-3 (RW-3)	09/25/01	3606.33	25.09	27.52	2.43	3580.75
MW-3 (RW-3)	12/11/01	3606.33	25.29	27.70	2.41	3580.56
MW-3 (RW-3)	11/05/02	3606.33	26.13	28.14	2.01	3579.80
MW-3 (RW-3)	02/25/03	3606.33	26.34	29.55	3.21	3579.35
MW-3 (RW-3)	04/09/03	3606.33	26.24	29.02	2.78	3579.53
MW-3 (RW-3)	06/25/03	3606.33	26.47	28.06	1.59	3579.54

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3 (RW-3)	09/11/03	3606.33	26.89	28.72	1.83	3579.07
MW-3 (RW-3)	11/05/03	3606.33	26.85	28.45	1.60	3579.16
MW-3 (RW-3)	01/19/04	3606.33	26.95	28.86	1.91	3579.00
MW-3 (RW-3)	04/20/04	3606.33	27.19	28.64	1.45	3578.85
MW-3 (RW-3)	07/20/04	3606.33	27.26	28.53	1.27	3578.82
MW-3 (RW-3)	10/25/04	3606.33	25.77	25.78	0.01	3580.56
MW-3 (RW-3)	01/24/05	3606.33	24.91	24.93	0.02	3581.42
MW-3 (RW-3)	02/14/05	3606.33	--	24.83	--	3581.50
MW-3 (RW-3)	03/02/05	3606.33	--	24.78	--	3581.55
MW-3 (RW-3)	03/08/05	3606.33	--	24.76	--	3581.57
MW-3 (RW-3)	03/23/05	3606.33	--	24.69	--	3581.64
MW-3 (RW-3)	04/18/05	3606.33	24.55	24.56	0.01	3581.78
MW-3 (RW-3)	05/09/05	3606.33	--	24.58	--	3581.75
MW-3 (RW-3)	06/10/05	3606.33	--	24.56	--	3581.77
MW-3 (RW-3)	07/18/05	3606.33	24.55	24.57	0.02	3581.78
MW-3 (RW-3)	10/17/05	3606.33	--	24.47	--	3581.86
MW-3 (RW-3)	12/28/05	3606.33	--	24.63	--	3581.70
MW-3 (RW-3)	01/10/06	3606.33	--	24.69	--	3581.64
MW-3 (RW-3)	01/23/06	3606.33	24.47	24.66	0.19	3581.82
MW-3 (RW-3)	04/24/06	3606.33	25.03	25.10	0.07	3581.29
MW-3 (RW-3)	07/24/06	3606.33	25.38	25.39	0.01	3580.95
MW-3 (RW-3)	10/23/06	3606.33	25.27	25.28	0.01	3581.06
MW-3 (RW-3)	01/23/07	3606.33	25.31	25.32	0.01	3581.02
MW-3 (RW-3)	04/23/07	3606.33	25.61	25.65	0.04	3580.71
MW-3 (RW-3)	07/23/07	3606.33	25.74	25.77	0.03	3580.58
MW-3 (RW-3)	10/22/07	3606.33	25.77	25.78	0.01	3580.56
MW-3 (RW-3)	01/28/08	3606.33	25.81	25.82	0.01	3580.52
MW-3 (RW-3)	04/21/08	3606.33	--	26.05	--	3580.28
MW-3 (RW-3)	07/21/08	3606.33	--	26.34	--	3579.99
MW-3 (RW-3)	10/20/08	3606.33	--	26.61	--	3579.72
MW-3 (RW-3)	01/19/09	3606.33	26.75	26.76	0.01	3579.58
MW-3 (RW-3)	04/20/09	3606.33	26.99	27.00	0.01	3579.34
MW-3 (RW-3)	07/27/09	3606.33	--	27.29	--	3579.04
MW-3 (RW-3)	10/26/09	3606.33	--	27.45	--	3578.88
MW-3 (RW-3)	01/25/10	3606.33	--	27.58	--	3578.75
MW-3 (RW-3)	04/26/10	3606.33	--	27.89	--	3578.44
MW-3 (RW-3)	07/26/10	3606.33	--	27.63	--	3578.70
MW-3 (RW-3)	10/25/10	3606.33	27.43	27.45	0.02	3578.90
MW-3 (RW-3)	01/24/11	3606.33	28.08	28.09	0.01	3578.25
MW-3 (RW-3)	04/18/11	3606.33	28.09	28.10	0.01	3578.24
MW-3 (RW-3)	10/10/11	3606.33	--	28.60	--	3577.73
MW-3 (RW-3)	05/30/12	3606.33	--	29.36	--	3576.97
MW-3 (RW-3)	02/27/13	3606.33	29.92	30.39	0.47	3576.32
MW-3 (RW-3)	03/07/13	3606.33	29.92	30.41	0.49	3576.31
MW-3 (RW-3)	07/23/13	3606.33	30.31	30.87	0.56	3575.91
MW-3 (RW-3)	03/10/14	3606.33	30.81	31.28	0.47	3575.42
MW-3 (RW-3)	03/25/14	3606.33	30.82	31.35	0.53	3575.39
MW-3 (RW-3)	04/02/14	3606.33	30.84	31.36	0.52	3575.38
MW-3 (RW-3)	04/16/14	3606.33	30.85	31.41	0.56	3575.36
MW-3 (RW-3)	04/28/14	3606.33	30.91	31.44	0.53	3575.30
MW-3 (RW-3)	05/15/14	3606.33	30.95	31.46	0.51	3575.27
MW-3 (RW-3)	05/28/14	3606.33	31.01	31.48	0.47	3575.22
MW-3 (RW-3)	06/09/14	3606.33	31.02	31.55	0.53	3575.19
MW-3 (RW-3)	07/29/14	3606.33	31.17	31.72	0.55	3575.04
MW-3 (RW-3)	08/06/14	3606.33	31.20	31.72	0.52	3575.02
MW-3 (RW-3)	08/19/14	3606.33	31.19	31.74	0.55	3575.02
MW-3 (RW-3)	09/03/14	3606.33	31.32	31.78	0.46	3574.91
MW-3 (RW-3)	10/01/14	3606.33	31.07	31.33	0.26	3575.20
MW-3 (RW-3)	10/30/14	3606.33	31.06	31.35	0.29	3575.21
MW-3 (RW-3)	11/19/14	3606.33	30.90	31.31	0.41	3575.34
MW-3 (RW-3)	11/24/14	3606.33	--	31.06	--	3575.27
MW-3 (RW-3)	12/10/14	3606.33	--	31.06	--	3575.27
MW-3 (RW-3)	01/20/15	3606.33	--	31.01	--	3575.32

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3 (RW-3)	02/24/15	3606.33	30.95	30.98	0.03	3575.37
MW-3 (RW-3)	02/25/15	3606.33	--	31.00	--	3575.33
MW-3 (RW-3)	02/26/15	3606.33	--	31.00	--	3575.33
MW-3 (RW-3)	02/27/15	3606.33	30.99	31.00	0.01	3575.34
MW-3 (RW-3)	03/10/15	3606.33	--	31.00	--	3575.33
MW-3 (RW-3)	04/23/15	3606.33	--	31.08	--	3575.25
MW-3 (RW-3)	04/24/15	3606.33	--	31.13	--	3575.20
MW-3 (RW-3)	04/27/15	3606.33	--	31.22	--	3575.11
MW-3 (RW-3)	05/15/15	3606.33	31.20	31.21	0.01	3575.13
MW-3 (RW-3)	06/08/15	3606.33	--	31.18	--	3575.15
MW-3 (RW-3)	07/09/15	3606.33	--	31.10	--	3575.23
MW-3 (RW-3)	07/10/15	3606.33	--	31.12	--	3575.21
MW-3 (RW-3)	07/27/15	3606.33	--	31.06	--	3575.27
MW-3 (RW-3)	08/18/15	3606.33	--	31.05	--	3575.28
MW-3 (RW-3)	09/29/15	3606.33	--	31.04	--	3575.29
MW-3 (RW-3)	11/19/15	3606.33	--	30.83	--	3575.50
MW-3 (RW-3)	11/20/15	3606.33	--	30.87	--	3575.46
MW-3 (RW-3)	11/23/15	3606.33	--	30.88	--	3575.45
MW-3 (RW-3)	01/21/16	3606.33	--	30.71	--	3575.62
MW-3 (RW-3)	02/18/16	3606.33	--	30.69	--	3575.64
MW-3 (RW-3)	03/21/16	3606.33	--	30.62	--	3575.71
MW-3 (RW-3)	04/14/16	3606.33	--	30.67	--	3575.66
MW-3 (RW-3)	05/19/16	3606.33	--	30.82	--	3575.51
MW-3 (RW-3)	07/27/16	3606.33	--	31.11	--	3575.22
MW-3 (RW-3)	09/22/16	3606.33	--	30.55	--	3575.78
MW-3 (RW-3)	12/08/16	3606.33	--	30.15	--	3576.18
MW-3 (RW-3)	03/22/17	3606.33	--	29.93	--	3576.40
MW-3 (RW-3)	09/18/17	3606.33	--	30.33	--	3576.00
MW-3 (RW-3)	03/21/18	3606.33	--	30.62	--	3575.71
MW-3 (RW-3)	05/15/18	3606.33	--	30.83	--	3575.50
MW-3 (RW-3)	06/14/18	3606.33	--	30.74	--	3575.59
MW-3 (RW-3)	07/16/18	3606.33	--	30.85	--	3575.48
MW-3 (RW-3)	09/18/18	3606.33	--	31.00	--	3575.33
MW-3 (RW-3)	03/05/19	3606.33	--	31.25	--	3575.08
MW-3 (RW-3)	06/04/19	3606.33	--	31.29	--	3575.04
MW-3 (RW-3)	09/03/19	3606.33	--	31.99	--	3574.34
MW-3 (RW-3)	12/05/19	3606.33	--	31.66	--	3574.67
MW-3 (RW-3)	03/02/20	3606.33	--	31.77	--	3574.56
MW-3 (RW-3)	06/18/20	3606.33	--	31.94	--	3574.39
MW-3 (RW-3)	09/08/20	3606.33	--	32.08	--	3574.25
MW-3 (RW-3)	03/15/21	3606.33	--	32.63	--	3573.70
MW-3 (RW-3)	09/15/21	3606.33	--	33.23	--	3573.10
MW-3 (RW-3)	03/28/22	3606.33	--	33.31	--	3573.02
MW-3 (RW-3)	09/06/22	3606.33	--	33.75	--	3572.58
MW-3 (RW-3)	01/27/23	3606.33	--	34.02	--	3572.31
MW-3 (RW-3)	02/09/23	3606.33	--	33.96	--	3572.37
MW-3 (RW-3)	03/21/23	3606.33	--	34.00	--	3572.33
MW-3 (RW-3)	06/22/23	3606.33	--	34.29	--	3572.04
MW-3 (RW-3)	09/19/23	3606.33	--	34.48	--	3571.85
MW-3 (RW-3)	12/18/23	3606.33	--	34.61	--	3571.72
MW-4 (SVE-1)	03/01/01	3606.69	--	24.60	--	3582.09
MW-4 (SVE-1)	06/25/01	3606.69	--	25.14	--	3581.55
MW-4 (SVE-1)	09/25/01	3606.69	--	25.36	--	3581.33
MW-4 (SVE-1)	12/11/01	3606.69	--	24.54	--	3582.15
MW-4 (SVE-1)	05/21/02	3606.69	--	25.95	--	3580.74
MW-4 (SVE-1)	06/08/02	3606.69	--	26.00	--	3580.69
MW-4 (SVE-1)	06/15/02	3606.69	--	26.00	--	3580.69
MW-4 (SVE-1)	10/15/02	3606.37	--	26.86	--	3579.51
MW-4 (SVE-1)	10/25/02	3606.37	--	26.90	--	3579.47
MW-4 (SVE-1)	10/26/02	3606.37	--	26.89	--	3579.48
MW-4 (SVE-1)	11/04/02	3606.37	--	26.86	--	3579.51
MW-4 (SVE-1)	11/05/02	3606.37	--	26.80	--	3579.57

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4 (SVE-1)	12/16/02	3606.37	--	26.80	--	3579.57
MW-4 (SVE-1)	01/22/03	3606.37	--	26.68	--	3579.69
MW-4 (SVE-1)	02/14/03	3606.37	--	26.88	--	3579.49
MW-4 (SVE-1)	02/24/03	3606.37	--	26.90	--	3579.47
MW-4 (SVE-1)	04/07/03	3606.37	--	27.00	--	3579.37
MW-4 (SVE-1)	04/24/03	3606.37	--	26.98	--	3579.39
MW-4 (SVE-1)	07/15/03	3606.37	--	27.09	--	3579.28
MW-4 (SVE-1)	09/11/03	3606.37	--	27.23	--	3579.14
MW-4 (SVE-1)	10/15/03	3606.37	--	27.25	--	3579.12
MW-4 (SVE-1)	01/19/04	3606.37	--	27.71	--	3578.66
MW-4 (SVE-1)	04/19/04	3606.37	--	27.64	--	3578.73
MW-4 (SVE-1)	07/20/04	3606.37	--	27.90	--	3578.47
MW-4 (SVE-1)	10/25/04	3606.37	--	26.21	--	3580.16
MW-4 (SVE-1)	01/24/05	3606.37	--	25.42	--	3580.95
MW-4 (SVE-1)	04/18/05	3606.37	--	25.10	--	3581.27
MW-4 (SVE-1)	07/18/05	3606.37	--	25.06	--	3581.31
MW-4 (SVE-1)	10/17/05	3606.37	--	24.90	--	3581.47
MW-4 (SVE-1)	01/23/06	3606.37	--	25.11	--	3581.26
MW-4 (SVE-1)	04/24/06	3606.37	--	25.47	--	3580.90
MW-4 (SVE-1)	07/24/06	3606.37	--	25.82	--	3580.55
MW-4 (SVE-1)	10/23/06	3606.37	--	25.69	--	3580.68
MW-4 (SVE-1)	01/23/07	3606.37	--	25.76	--	3580.61
MW-4 (SVE-1)	04/23/07	3606.37	--	26.05	--	3580.32
MW-4 (SVE-1)	07/23/07	3606.37	--	26.18	--	3580.19
MW-4 (SVE-1)	10/22/07	3606.37	--	26.25	--	3580.12
MW-4 (SVE-1)	01/28/08	3606.37	--	26.28	--	3580.09
MW-4 (SVE-1)	04/21/08	3606.37	--	26.47	--	3579.90
MW-4 (SVE-1)	07/21/08	3606.37	--	26.74	--	3579.63
MW-4 (SVE-1)	10/20/08	3606.37	--	27.15	--	3579.22
MW-4 (SVE-1)	01/19/09	3606.37	--	27.27	--	3579.10
MW-4 (SVE-1)	04/20/09	3606.37	--	27.50	--	3578.87
MW-4 (SVE-1)	07/27/09	3606.37	--	27.80	--	3578.57
MW-4 (SVE-1)	10/26/09	3606.37	--	27.94	--	3578.43
MW-4 (SVE-1)	01/25/10	3606.37	--	28.12	--	3578.25
MW-4 (SVE-1)	04/26/10	3606.37	--	28.39	--	3577.98
MW-4 (SVE-1)	07/26/10	3606.37	--	28.12	--	3578.25
MW-4 (SVE-1)	10/25/10	3606.37	--	28.02	--	3578.35
MW-4 (SVE-1)	01/24/11	3606.37	--	28.32	--	3578.05
MW-4 (SVE-1)	04/18/11	3606.37	--	28.62	--	3577.75
MW-4 (SVE-1)	10/10/11	3606.37	--	29.08	--	3577.29
MW-4 (SVE-1)	05/30/12	3606.37	--	29.78	--	3576.59
MW-4 (SVE-1)	02/27/13	3606.37	--	30.46	--	3575.91
MW-4 (SVE-1)	07/23/13	3606.37	--	30.85	--	3575.52
MW-4 (SVE-1)	03/25/14	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	07/29/14	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	02/24/15	3606.37	--	31.49	--	3574.88
MW-4 (SVE-1)	03/11/15	3606.37	--	31.57	--	3574.80
MW-4 (SVE-1)	07/27/15	3606.37	--	31.70	--	3574.67
MW-4 (SVE-1)	03/21/16	3606.37	--	31.25	--	3575.12
MW-4 (SVE-1)	09/22/16	3606.37	--	30.86	--	3575.51
MW-4 (SVE-1)	03/22/17	3606.37	--	30.56	--	3575.81
MW-4 (SVE-1)	09/18/17	3606.37	--	30.91	--	3575.46
MW-4 (SVE-1)	03/21/18	3606.37	--	31.18	--	3575.19
MW-4 (SVE-1)	06/14/18	3606.37	--	31.43	--	3574.94
MW-4 (SVE-1)	09/18/18	3606.37	--	31.79	--	3574.58
MW-4 (SVE-1)	03/05/19	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	06/04/19	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	09/03/19	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	12/05/19	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	03/02/20	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	06/18/20	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	09/08/20	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	03/15/21	3606.37	--	DRY	--	DRY

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4 (SVE-1)	09/13/21	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	03/28/22	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	09/06/22	3606.37	--	DRY	--	DRY
MW-4 (SVE-1)	02/09/23	3607.37	--	DRY	--	DRY
MW-4 (SVE-1)	03/20/23	3609.37	--	DRY	--	DRY
MW-4 (SVE-1)	06/22/23	3609.37	--	DRY	--	DRY
MW-4 (SVE-1)	09/19/23	3609.37	--	DRY	--	DRY
MW-4 (SVE-1)	12/18/23	3609.37	--	DRY	--	DRY

MW-5 (SVE-2)	03/01/01	3605.52	--	24.03	--	3581.49
MW-5 (SVE-2)	06/25/01	3605.52	--	24.23	--	3581.29
MW-5 (SVE-2)	09/25/01	3605.52	--	24.48	--	3581.04
MW-5 (SVE-2)	12/11/01	3605.52	--	24.68	--	3580.84
MW-5 (SVE-2)	05/21/02	3605.52	--	25.12	--	3580.40
MW-5 (SVE-2)	06/08/02	3605.52	--	25.13	--	3580.39
MW-5 (SVE-2)	06/15/02	3605.52	--	25.13	--	3580.39
MW-5 (SVE-2)	10/15/02	3604.90	--	26.20	--	3578.70
MW-5 (SVE-2)	10/25/02	3604.90	--	26.19	--	3578.71
MW-5 (SVE-2)	10/26/02	3604.90	--	26.21	--	3578.69
MW-5 (SVE-2)	11/04/02	3604.90	--	26.08	--	3578.82
MW-5 (SVE-2)	11/05/02	3604.90	--	26.02	--	3578.88
MW-5 (SVE-2)	12/16/02	3604.90	--	26.06	--	3578.84
MW-5 (SVE-2)	01/22/03	3604.90	--	25.81	--	3579.09
MW-5 (SVE-2)	02/08/03	3604.90	--	25.91	--	3578.99
MW-5 (SVE-2)	02/14/03	3604.90	--	25.89	--	3579.01
MW-5 (SVE-2)	02/24/03	3604.90	--	25.96	--	3578.94
MW-5 (SVE-2)	04/07/03	3604.90	--	26.06	--	3578.84
MW-5 (SVE-2)	04/24/03	3604.90	--	26.05	--	3578.85
MW-5 (SVE-2)	07/15/03	3604.90	--	26.38	--	3578.52
MW-5 (SVE-2)	09/11/03	3604.90	--	26.43	--	3578.47
MW-5 (SVE-2)	10/15/03	3604.90	--	26.70	--	3578.20
MW-5 (SVE-2)	01/19/04	3604.90	--	27.06	--	3577.84
MW-5 (SVE-2)	04/19/04	3604.90	--	26.93	--	3577.97
MW-5 (SVE-2)	07/20/04	3604.90	--	27.17	--	3577.73
MW-5 (SVE-2)	10/25/04	3604.90	--	25.22	--	3579.68
MW-5 (SVE-2)	01/24/05	3604.90	--	24.52	--	3580.38
MW-5 (SVE-2)	04/18/05	3604.90	--	24.11	--	3580.79
MW-5 (SVE-2)	07/18/05	3604.90	--	24.18	--	3580.72
MW-5 (SVE-2)	10/17/05	3604.90	--	24.00	--	3580.90
MW-5 (SVE-2)	01/23/06	3604.90	--	24.24	--	3580.66
MW-5 (SVE-2)	04/24/06	3604.90	--	24.66	--	3580.24
MW-5 (SVE-2)	07/24/06	3604.90	--	25.03	--	3579.87
MW-5 (SVE-2)	10/23/06	3604.90	--	24.91	--	3579.99
MW-5 (SVE-2)	01/23/07	3604.90	--	24.90	--	3580.00
MW-5 (SVE-2)	04/23/07	3604.90	--	25.22	--	3579.68
MW-5 (SVE-2)	07/23/07	3604.90	--	25.35	--	3579.55
MW-5 (SVE-2)	10/22/07	3604.90	--	25.35	--	3579.55
MW-5 (SVE-2)	01/28/08	3604.90	--	25.38	--	3579.52
MW-5 (SVE-2)	04/21/08	3604.90	--	25.64	--	3579.26
MW-5 (SVE-2)	07/21/08	3604.90	--	25.95	--	3578.95
MW-5 (SVE-2)	10/20/08	3604.90	--	26.21	--	3578.69
MW-5 (SVE-2)	01/19/09	3604.90	--	26.23	--	3578.67
MW-5 (SVE-2)	04/20/09	3604.90	--	26.59	--	3578.31
MW-5 (SVE-2)	07/27/09	3604.90	--	26.78	--	3578.12
MW-5 (SVE-2)	10/26/09	3604.90	--	26.92	--	3577.98
MW-5 (SVE-2)	01/25/10	3604.90	--	27.22	--	3577.68
MW-5 (SVE-2)	04/26/10	3604.90	--	27.45	--	3577.45
MW-5 (SVE-2)	07/26/10	3604.90	--	27.21	--	3577.69
MW-5 (SVE-2)	10/25/10	3604.90	--	26.89	--	3578.01
MW-5 (SVE-2)	01/24/11	3604.90	--	27.34	--	3577.56
MW-5 (SVE-2)	04/18/11	3604.90	--	27.72	--	3577.18
MW-5 (SVE-2)	10/10/11	3604.90	--	28.25	--	3576.65
MW-5 (SVE-2)	05/30/12	3604.90	--	29.01	--	3575.89

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btbc)	Depth to Water (ft-btbc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5 (SVE-2)	02/27/13	3604.90	--	29.69	--	3575.21
MW-5 (SVE-2)	07/23/13	3604.90	--	30.11	--	3574.79
MW-5 (SVE-2)	03/25/14	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	07/29/14	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	02/24/15	3604.90	--	30.63	--	3574.27
MW-5 (SVE-2)	03/10/15	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	07/27/15	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	03/21/16	3604.90	--	30.25	--	3574.65
MW-5 (SVE-2)	09/22/16	3604.90	--	30.26	--	3574.64
MW-5 (SVE-2)	03/22/17	3604.90	--	29.60	--	3575.30
MW-5 (SVE-2)	09/18/17	3604.90	--	30.01	--	3574.89
MW-5 (SVE-2)	03/21/18	3604.90	--	30.21	--	3574.69
MW-5 (SVE-2)	06/14/18	3604.90	--	30.69	--	3574.21
MW-5 (SVE-2)	09/18/18	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	03/05/19	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	06/04/19	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	09/03/19	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	12/05/19	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	03/02/20	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	06/18/20	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	09/08/20	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	03/15/21	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	09/15/21	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	03/28/22	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	09/06/22	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	03/20/23	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	06/22/23	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	09/19/23	3604.90	--	DRY	--	DRY
MW-5 (SVE-2)	12/18/23	3604.90	--	DRY	--	DRY
MW-6 (RW-4)	03/01/01	3606.14	24.51	25.54	1.03	3581.42
MW-6 (RW-4)	06/25/01	3606.14	24.42	26.88	2.46	3581.23
MW-6 (RW-4)	09/25/01	3606.14	25.93	25.96	0.03	3580.20
MW-6 (RW-4)	12/11/01	3606.14	25.66	27.64	1.98	3580.08
MW-6 (RW-4)	06/25/03	3606.14	26.78	28.31	1.53	3579.05
MW-6 (RW-4)	09/11/03	3606.14	26.83	28.46	1.63	3578.98
MW-6 (RW-4)	11/05/03	3606.14	27.19	28.02	0.83	3578.78
MW-6 (RW-4)	01/19/04	3606.14	27.36	28.41	1.05	3578.57
MW-6 (RW-4)	04/20/04	3606.14	27.63	27.96	0.33	3578.44
MW-6 (RW-4)	07/20/04	3606.14	28.01	28.38	0.37	3578.06
MW-6 (RW-4)	10/25/04	3606.14	26.21	26.22	0.01	3579.93
MW-6 (RW-4)	01/24/05	3606.14	--	25.17	--	3580.97
MW-6 (RW-4)	02/14/05	3606.14	--	25.11	--	3581.03
MW-6 (RW-4)	03/02/05	3606.14	25.05	25.06	0.01	3581.09
MW-6 (RW-4)	03/08/05	3606.14	--	25.02	--	3581.12
MW-6 (RW-4)	03/23/05	3606.14	--	24.97	--	3581.17
MW-6 (RW-4)	04/18/05	3606.14	--	24.86	--	3581.28
MW-6 (RW-4)	05/09/05	3606.14	--	24.87	--	3581.27
MW-6 (RW-4)	06/10/05	3606.14	--	24.83	--	3581.31
MW-6 (RW-4)	07/18/05	3606.14	--	24.84	--	3581.30
MW-6 (RW-4)	10/17/05	3606.14	--	24.75	--	3581.39
MW-6 (RW-4)	12/28/05	3606.14	--	24.90	--	3581.24
MW-6 (RW-4)	01/10/06	3606.14	--	24.96	--	3581.18
MW-6 (RW-4)	01/23/06	3606.14	--	24.94	--	3581.20
MW-6 (RW-4)	04/24/06	3606.14	25.30	25.31	0.01	3580.84
MW-6 (RW-4)	07/24/06	3606.14	25.65	25.66	0.01	3580.49
MW-6 (RW-4)	10/22/06	3606.14	25.53	25.54	0.01	3580.61
MW-6 (RW-4)	01/23/07	3606.14	25.59	25.60	0.01	3580.55
MW-6 (RW-4)	04/23/07	3606.14	--	25.88	--	3580.26
MW-6 (RW-4)	07/23/07	3606.17	26.01	26.02	0.01	3580.16
MW-6 (RW-4)	10/22/07	3606.17	26.06	26.07	0.01	3580.11
MW-6 (RW-4)	01/28/08	3606.17	26.10	26.11	0.01	3580.07
MW-6 (RW-4)	04/21/08	3606.17	--	26.32	--	3579.85

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btbc)	Depth to Water (ft-btbc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6 (RW-4)	07/21/08	3606.17	--	26.60	--	3579.57
MW-6 (RW-4)	10/20/08	3606.17	--	26.83	--	3579.34
MW-6 (RW-4)	01/19/09	3606.17	26.96	26.97	0.01	3579.21
MW-6 (RW-4)	04/20/09	3606.17	--	27.20	--	3578.97
MW-6 (RW-4)	07/27/09	3606.17	--	27.50	--	3578.67
MW-6 (RW-4)	10/26/09	3606.17	--	27.64	--	3578.53
MW-6 (RW-4)	01/25/10	3606.17	--	27.85	--	3578.32
MW-6 (RW-4)	04/26/10	3606.17	--	28.08	--	3578.09
MW-6 (RW-4)	07/26/10	3606.17	--	27.83	--	3578.34
MW-6 (RW-4)	10/25/10	3606.17	--	27.64	--	3578.53
MW-6 (RW-4)	01/24/11	3606.17	--	28.27	--	3577.90
MW-6 (RW-4)	04/18/11	3606.17	--	28.30	--	3577.87
MW-6 (RW-4)	10/10/11	3606.17	--	28.78	--	3577.39
MW-6 (RW-4)	05/30/12	3606.17	--	29.43	--	3576.74
MW-6 (RW-4)	02/27/13	3606.17	--	30.12	--	3576.05
MW-6 (RW-4)	07/23/13	3606.17	--	30.50	--	3575.67
MW-6 (RW-4)	03/25/14	3606.17	--	31.05	--	3575.12
MW-6 (RW-4)	07/29/14	3606.17	--	31.31	--	3574.86
MW-6 (RW-4)	02/24/15	3606.17	--	31.12	--	3575.05
MW-6 (RW-4)	03/10/15	3606.17	--	31.18	--	3574.99
MW-6 (RW-4)	07/27/15	3606.17	--	31.30	--	3574.87
MW-6 (RW-4)	03/21/16	3606.17	--	30.85	--	3575.32
MW-6 (RW-4)	09/22/16	3606.17	--	30.85	--	3575.32
MW-6 (RW-4)	03/22/17	3606.17	--	30.20	--	3575.97
MW-6 (RW-4)	09/18/17	3606.17	--	30.59	--	3575.58
MW-6 (RW-4)	03/21/18	3606.17	--	30.78	--	3575.39
MW-6 (RW-4)	06/14/18	3606.17	--	31.10	--	3575.07
MW-6 (RW-4)	09/18/18	3606.17	--	31.46	--	3574.71
MW-6 (RW-4)	03/05/19	3606.17	--	31.60	--	3574.57
MW-6 (RW-4)	06/04/19	3606.17	--	31.67	--	3574.50
MW-6 (RW-4)	09/03/19	3606.17	--	31.89	--	3574.28
MW-6 (RW-4)	12/05/19	3606.17	--	32.04	--	3574.13
MW-6 (RW-4)	03/02/20	3606.17	--	32.15	--	3574.02
MW-6 (RW-4)	06/18/20	3606.17	--	32.27	--	3573.90
MW-6 (RW-4)	09/08/20	3606.17	--	32.47	--	3573.70
MW-6 (RW-4)	03/15/21	3606.17	--	32.96	--	3573.21
MW-6 (RW-4)	09/15/21	3606.17	--	33.55	--	3572.62
MW-6 (RW-4)	03/28/22	3606.17	--	DRY	--	DRY
MW-6 (RW-4)	09/06/22	3606.17	--	DRY	--	DRY
MW-6 (RW-4)	01/27/23	3606.17	--	DRY	--	DRY
MW-6 (RW-4)	02/09/23	3606.17	--	DRY	--	DRY
MW-6 (RW-4)	03/20/23	3606.17	--	DRY	--	DRY
MW-6 (RW-4)	06/22/23	3606.17	--	DRY	--	DRY
MW-6 (RW-4)	09/19/23	3606.17	--	DRY	--	DRY
MW-6 (RW-4)	12/18/23	3606.17	--	DRY	--	DRY
MW-7 (RW-5)	03/01/01	3605.50	23.73	26.61	2.88	3581.19
MW-7 (RW-5)	06/25/01	3605.50	25.30	25.35	0.05	3580.19
MW-7 (RW-5)	09/25/01	3605.50	25.41	26.05	0.64	3579.96
MW-7 (RW-5)	05/22/02	3605.50	25.98	26.54	0.56	3579.41
MW-7 (RW-5)	11/05/02	3605.50	25.44	28.68	3.24	3579.41
MW-7 (RW-5)	02/25/03	3605.50	26.08	29.56	3.48	3578.72
MW-7 (RW-5)	04/09/03	3605.50	26.28	29.18	2.90	3578.64
MW-7 (RW-5)	06/25/03	3605.50	26.72	28.73	2.01	3578.38
MW-7 (RW-5)	09/11/03	3605.50	26.73	29.08	2.35	3578.30
MW-7 (RW-5)	11/05/03	3605.50	27.00	29.03	2.03	3578.09
MW-7 (RW-5)	01/19/04	3605.50	27.00	29.77	2.77	3577.95
MW-7 (RW-5)	04/20/04	3605.50	27.30	29.55	2.25	3577.75
MW-7 (RW-5)	07/20/04	3605.50	27.47	29.11	1.64	3577.70
MW-7 (RW-5)	10/25/04	3605.50	25.16	25.79	0.63	3580.21
MW-7 (RW-5)	01/24/05	3605.50	25.10	25.12	0.02	3580.40
MW-7 (RW-5)	02/14/05	3605.50	24.86	26.02	1.16	3580.41
MW-7 (RW-5)	03/02/05	3605.50	24.62	26.49	1.87	3580.51

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (RW-5)	03/08/05	3605.50	24.58	26.41	1.83	3580.55
MW-7 (RW-5)	03/23/05	3605.50	24.45	26.56	2.11	3580.63
MW-7 (RW-5)	04/18/05	3605.50	24.58	25.84	1.26	3580.67
MW-7 (RW-5)	05/09/05	3605.50	24.54	26.14	1.60	3580.64
MW-7 (RW-5)	06/10/05	3605.50	24.25	26.18	1.93	3580.86
MW-7 (RW-5)	07/18/05	3605.50	24.75	25.47	0.72	3580.61
MW-7 (RW-5)	10/17/05	3605.50	24.78	24.79	0.01	3580.72
MW-7 (RW-5)	11/29/05	3605.50	--	24.94	--	3580.56
MW-7 (RW-5)	12/06/05	3605.50	24.87	24.88	0.01	3580.63
MW-7 (RW-5)	12/12/05	3605.50	24.91	24.92	0.01	3580.59
MW-7 (RW-5)	12/21/05	3605.50	--	24.94	--	3580.56
MW-7 (RW-5)	12/28/05	3605.50	--	24.95	--	3580.55
MW-7 (RW-5)	01/04/06	3605.50	--	25.01	--	3580.49
MW-7 (RW-5)	01/10/06	3605.50	--	25.01	--	3580.49
MW-7 (RW-5)	01/16/06	3605.50	25.03	25.04	0.01	3580.47
MW-7 (RW-5)	01/23/06	3605.50	24.99	25.01	0.02	3580.51
MW-7 (RW-5)	02/01/06	3605.50	25.11	25.12	0.01	3580.39
MW-7 (RW-5)	02/16/06	3605.50	25.18	25.19	0.01	3580.32
MW-7 (RW-5)	03/06/06	3605.50	25.25	25.27	0.02	3580.25
MW-7 (RW-5)	03/29/06	3605.50	25.33	25.34	0.01	3580.17
MW-7 (RW-5)	04/04/06	3605.50	25.36	25.37	0.01	3580.14
MW-7 (RW-5)	04/11/06	3605.50	25.41	25.42	0.01	3580.09
MW-7 (RW-5)	04/17/06	3605.50	25.42	25.44	0.02	3580.08
MW-7 (RW-5)	04/24/06	3605.50	25.36	25.39	0.03	3580.13
MW-7 (RW-5)	05/03/06	3605.50	25.49	25.51	0.02	3580.01
MW-7 (RW-5)	05/31/06	3605.50	25.62	25.65	0.03	3579.87
MW-7 (RW-5)	06/09/06	3605.50	25.66	25.71	0.05	3579.83
MW-7 (RW-5)	06/12/06	3605.50	25.67	25.73	0.06	3579.82
MW-7 (RW-5)	06/26/06	3605.50	25.74	25.84	0.10	3579.74
MW-7 (RW-5)	07/05/06	3605.50	25.81	25.91	0.10	3579.67
MW-7 (RW-5)	07/10/06	3605.50	25.61	25.92	0.31	3579.83
MW-7 (RW-5)	07/17/06	3605.50	25.86	25.88	0.02	3579.64
MW-7 (RW-5)	07/24/06	3605.50	25.75	25.79	0.04	3579.74
MW-7 (RW-5)	08/02/06	3605.50	25.93	25.94	0.01	3579.57
MW-7 (RW-5)	08/14/06	3605.50	25.96	25.99	0.03	3579.53
MW-7 (RW-5)	08/28/06	3605.50	26.02	26.07	0.05	3579.47
MW-7 (RW-5)	09/14/06	3605.50	25.91	25.92	0.01	3579.59
MW-7 (RW-5)	09/21/06	3605.50	25.75	26.06	0.31	3579.69
MW-7 (RW-5)	09/25/06	3605.50	25.76	26.15	0.39	3579.66
MW-7 (RW-5)	10/02/06	3605.50	25.77	25.89	0.12	3579.71
MW-7 (RW-5)	10/10/06	3605.50	25.77	25.89	0.12	3579.71
MW-7 (RW-5)	10/16/06	3605.50	25.78	25.99	0.21	3579.68
MW-7 (RW-5)	10/23/06	3605.50	25.60	25.80	0.20	3579.86
MW-7 (RW-5)	10/30/06	3605.50	24.92	25.86	0.94	3580.39
MW-7 (RW-5)	11/06/06	3605.50	25.73	26.01	0.28	3579.71
MW-7 (RW-5)	11/21/06	3605.50	25.79	25.93	0.14	3579.68
MW-7 (RW-5)	11/28/06	3605.50	25.74	25.95	0.21	3579.72
MW-7 (RW-5)	12/05/06	3605.50	25.75	26.04	0.29	3579.69
MW-7 (RW-5)	12/11/06	3605.50	25.75	26.11	0.36	3579.68
MW-7 (RW-5)	12/18/06	3605.50	25.75	26.19	0.44	3579.66
MW-7 (RW-5)	01/02/07	3605.50	25.83	26.16	0.33	3579.60
MW-7 (RW-5)	01/08/07	3605.50	25.81	26.14	0.33	3579.62
MW-7 (RW-5)	01/23/07	3605.50	25.61	26.06	0.45	3579.80
MW-7 (RW-5)	02/05/07	3605.50	25.88	26.36	0.48	3579.52
MW-7 (RW-5)	02/26/07	3605.50	25.92	26.57	0.65	3579.45
MW-7 (RW-5)	03/05/07	3605.50	25.96	26.63	0.67	3579.41
MW-7 (RW-5)	03/13/07	3605.50	26.02	26.37	0.35	3579.41
MW-7 (RW-5)	03/19/07	3605.50	26.03	26.41	0.38	3579.39
MW-7 (RW-5)	03/26/07	3605.50	26.06	26.48	0.42	3579.36
MW-7 (RW-5)	04/02/07	3605.50	26.08	26.48	0.40	3579.34
MW-7 (RW-5)	04/23/07	3605.50	25.92	26.43	0.51	3579.48
MW-7 (RW-5)	05/01/07	3605.50	26.20	26.55	0.35	3579.23
MW-7 (RW-5)	05/29/07	3605.50	26.21	26.59	0.38	3579.21

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (RW-5)	06/04/07	3605.50	26.21	26.89	0.68	3579.15
MW-7 (RW-5)	06/11/07	3605.50	26.23	26.61	0.38	3579.19
MW-7 (RW-5)	06/18/07	3605.50	26.24	26.61	0.37	3579.19
MW-7 (RW-5)	06/26/07	3605.50	26.00	26.39	0.39	3579.42
MW-7 (RW-5)	07/09/07	3605.50	26.04	26.42	0.38	3579.38
MW-7 (RW-5)	07/17/07	3605.50	26.04	26.35	0.31	3579.40
MW-7 (RW-5)	07/23/07	3605.50	26.05	26.42	0.37	3579.38
MW-7 (RW-5)	07/30/07	3605.50	26.07	26.31	0.24	3579.38
MW-7 (RW-5)	08/07/07	3605.50	26.07	26.37	0.30	3579.37
MW-7 (RW-5)	08/20/07	3605.50	26.10	26.41	0.31	3579.34
MW-7 (RW-5)	08/27/07	3605.50	26.11	26.44	0.33	3579.32
MW-7 (RW-5)	09/04/07	3605.50	26.12	26.43	0.31	3579.32
MW-7 (RW-5)	09/10/07	3605.50	26.12	26.47	0.35	3579.31
MW-7 (RW-5)	09/25/07	3605.50	26.21	26.43	0.22	3579.25
MW-7 (RW-5)	10/02/07	3605.50	26.17	26.32	0.15	3579.30
MW-7 (RW-5)	10/11/07	3605.50	26.20	26.34	0.14	3579.27
MW-7 (RW-5)	10/22/07	3605.50	26.06	26.28	0.22	3579.40
MW-7 (RW-5)	10/31/07	3605.50	26.14	26.27	0.13	3579.33
MW-7 (RW-5)	11/12/07	3605.50	26.14	26.30	0.16	3579.33
MW-7 (RW-5)	11/19/07	3605.50	26.14	26.33	0.19	3579.32
MW-7 (RW-5)	12/05/07	3605.50	26.16	26.35	0.19	3579.30
MW-7 (RW-5)	12/10/07	3605.50	26.16	26.35	0.19	3579.30
MW-7 (RW-5)	12/20/07	3605.50	26.21	26.40	0.19	3579.25
MW-7 (RW-5)	01/02/08	3605.50	26.29	26.47	0.18	3579.17
MW-7 (RW-5)	01/07/08	3605.50	26.26	26.53	0.27	3579.19
MW-7 (RW-5)	01/28/08	3605.50	26.14	26.37	0.23	3579.31
MW-7 (RW-5)	02/12/08	3605.50	26.39	26.51	0.12	3579.09
MW-7 (RW-5)	02/26/08	3605.50	26.43	26.54	0.11	3579.05
MW-7 (RW-5)	04/21/08	3605.50	26.38	26.46	0.08	3579.10
MW-7 (RW-5)	04/28/08	3605.50	26.61	26.63	0.02	3578.89
MW-7 (RW-5)	05/20/08	3605.50	26.66	26.70	0.04	3578.83
MW-7 (RW-5)	06/02/08	3605.50	26.70	26.73	0.03	3578.79
MW-7 (RW-5)	06/09/08	3605.50	26.77	26.83	0.06	3578.72
MW-7 (RW-5)	06/16/08	3605.50	26.75	26.78	0.03	3578.74
MW-7 (RW-5)	06/30/08	3605.50	26.82	26.84	0.02	3578.68
MW-7 (RW-5)	07/14/08	3605.50	26.88	26.90	0.02	3578.62
MW-7 (RW-5)	07/21/08	3605.50	26.69	26.72	0.03	3578.80
MW-7 (RW-5)	08/06/08	3605.50	26.96	27.02	0.06	3578.53
MW-7 (RW-5)	08/18/08	3605.50	27.02	27.06	0.04	3578.47
MW-7 (RW-5)	09/09/08	3605.50	--	27.06	--	3578.44
MW-7 (RW-5)	09/15/08	3605.50	--	27.08	--	3578.42
MW-7 (RW-5)	09/22/08	3605.50	--	27.11	--	3578.39
MW-7 (RW-5)	09/29/08	3605.50	--	27.15	--	3578.35
MW-7 (RW-5)	10/07/08	3605.50	--	27.20	--	3578.30
MW-7 (RW-5)	10/20/08	3605.50	--	26.92	--	3578.58
MW-7 (RW-5)	10/28/08	3605.50	--	27.22	--	3578.28
MW-7 (RW-5)	11/07/08	3605.50	--	27.23	--	3578.27
MW-7 (RW-5)	11/24/08	3605.50	--	27.22	--	3578.28
MW-7 (RW-5)	12/01/08	3605.50	--	27.23	--	3578.27
MW-7 (RW-5)	12/08/08	3605.50	--	27.24	--	3578.26
MW-7 (RW-5)	12/24/08	3605.50	--	27.28	--	3578.22
MW-7 (RW-5)	12/29/08	3605.50	--	27.29	--	3578.21
MW-7 (RW-5)	01/06/09	3605.50	--	27.34	--	3578.16
MW-7 (RW-5)	01/14/09	3605.50	--	27.29	--	3578.21
MW-7 (RW-5)	01/19/09	3605.50	27.02	27.03	0.01	3578.48
MW-7 (RW-5)	01/26/09	3605.50	--	27.37	--	3578.13
MW-7 (RW-5)	02/10/09	3605.50	--	27.41	--	3578.09
MW-7 (RW-5)	02/26/09	3605.50	--	27.43	--	3578.07
MW-7 (RW-5)	03/02/09	3605.50	--	27.41	--	3578.09
MW-7 (RW-5)	03/09/09	3605.50	--	27.45	--	3578.05
MW-7 (RW-5)	03/16/09	3605.50	--	27.46	--	3578.04
MW-7 (RW-5)	03/24/09	3605.50	--	27.50	--	3578.00
MW-7 (RW-5)	03/30/09	3605.50	--	27.46	--	3578.04

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (RW-5)	04/06/09	3605.50	--	27.50	--	3578.00
MW-7 (RW-5)	04/14/09	3605.50	--	27.48	--	3578.02
MW-7 (RW-5)	04/20/09	3605.50	27.28	27.29	0.01	3578.22
MW-7 (RW-5)	04/28/09	3605.50	--	27.50	--	3578.00
MW-7 (RW-5)	05/11/09	3605.50	--	27.54	--	3577.96
MW-7 (RW-5)	05/26/09	3605.50	--	27.56	--	3577.94
MW-7 (RW-5)	06/01/09	3605.50	--	27.60	--	3577.90
MW-7 (RW-5)	06/09/09	3605.50	--	27.58	--	3577.92
MW-7 (RW-5)	06/15/09	3605.50	--	27.65	--	3577.85
MW-7 (RW-5)	06/29/09	3605.50	--	27.63	--	3577.87
MW-7 (RW-5)	07/06/09	3605.50	--	27.68	--	3577.82
MW-7 (RW-5)	07/14/09	3605.50	--	27.71	--	3577.79
MW-7 (RW-5)	07/20/09	3605.50	--	27.55	--	3577.95
MW-7 (RW-5)	07/27/09	3605.50	--	27.60	--	3577.90
MW-7 (RW-5)	08/03/09	3605.50	--	27.79	--	3577.71
MW-7 (RW-5)	08/12/09	3605.50	--	27.79	--	3577.71
MW-7 (RW-5)	08/24/09	3605.50	--	27.79	--	3577.71
MW-7 (RW-5)	08/31/09	3605.50	--	27.80	--	3577.70
MW-7 (RW-5)	09/08/09	3605.50	--	27.75	--	3577.75
MW-7 (RW-5)	09/16/09	3605.50	--	27.80	--	3577.70
MW-7 (RW-5)	09/28/09	3605.50	--	27.78	--	3577.72
MW-7 (RW-5)	10/05/09	3605.50	--	27.82	--	3577.68
MW-7 (RW-5)	10/12/09	3605.50	--	27.85	--	3577.65
MW-7 (RW-5)	10/26/09	3605.50	27.72	27.73	0.01	3577.78
MW-7 (RW-5)	11/03/09	3605.50	--	27.93	--	3577.57
MW-7 (RW-5)	11/10/09	3605.50	--	27.88	--	3577.62
MW-7 (RW-5)	11/23/09	3605.50	--	27.90	--	3577.60
MW-7 (RW-5)	11/30/09	3605.50	--	27.94	--	3577.56
MW-7 (RW-5)	12/07/09	3605.50	--	27.93	--	3577.57
MW-7 (RW-5)	12/22/09	3605.50	--	28.00	--	3577.50
MW-7 (RW-5)	01/04/10	3605.50	--	28.00	--	3577.50
MW-7 (RW-5)	01/11/10	3605.50	--	28.05	--	3577.45
MW-7 (RW-5)	01/18/10	3605.50	--	28.02	--	3577.48
MW-7 (RW-5)	01/25/10	3605.50	--	27.95	--	3577.55
MW-7 (RW-5)	02/01/10	3605.50	--	28.06	--	3577.44
MW-7 (RW-5)	02/08/10	3605.50	--	28.10	--	3577.40
MW-7 (RW-5)	02/22/10	3605.50	--	28.09	--	3577.41
MW-7 (RW-5)	03/01/10	3605.50	--	28.19	--	3577.31
MW-7 (RW-5)	03/08/10	3605.50	--	28.25	--	3577.25
MW-7 (RW-5)	03/22/10	3605.50	--	28.29	--	3577.21
MW-7 (RW-5)	03/29/10	3605.50	--	28.30	--	3577.20
MW-7 (RW-5)	04/05/10	3605.50	--	28.34	--	3577.16
MW-7 (RW-5)	04/13/10	3605.50	--	28.32	--	3577.18
MW-7 (RW-5)	04/19/10	3605.50	--	28.38	--	3577.12
MW-7 (RW-5)	04/26/10	3605.50	--	28.18	--	3577.32
MW-7 (RW-5)	05/03/10	3605.50	--	28.41	--	3577.09
MW-7 (RW-5)	05/14/10	3605.50	--	28.46	--	3577.04
MW-7 (RW-5)	05/20/10	3605.50	--	28.43	--	3577.07
MW-7 (RW-5)	05/27/10	3605.50	--	28.44	--	3577.06
MW-7 (RW-5)	06/01/10	3605.50	--	28.47	--	3577.03
MW-7 (RW-5)	06/07/10	3605.50	--	28.49	--	3577.01
MW-7 (RW-5)	06/15/10	3605.50	--	28.53	--	3576.97
MW-7 (RW-5)	06/28/10	3605.50	--	28.50	--	3577.00
MW-7 (RW-5)	07/06/10	3605.50	--	28.50	--	3577.00
MW-7 (RW-5)	07/13/10	3605.50	--	28.33	--	3577.17
MW-7 (RW-5)	07/19/10	3605.50	--	28.28	--	3577.22
MW-7 (RW-5)	07/26/10	3605.50	--	27.91	--	3577.59
MW-7 (RW-5)	08/09/10	3605.50	--	28.11	--	3577.39
MW-7 (RW-5)	08/16/10	3605.50	--	28.07	--	3577.43
MW-7 (RW-5)	08/30/10	3605.50	--	28.04	--	3577.46
MW-7 (RW-5)	09/07/10	3605.50	--	27.99	--	3577.51
MW-7 (RW-5)	09/13/10	3605.50	--	28.00	--	3577.50
MW-7 (RW-5)	09/20/10	3605.50	--	27.95	--	3577.55

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (RW-5)	09/27/10	3605.50	--	27.99	--	3577.51
MW-7 (RW-5)	10/04/10	3605.50	--	27.95	--	3577.55
MW-7 (RW-5)	10/12/10	3605.50	--	27.99	--	3577.51
MW-7 (RW-5)	10/19/10	3605.50	--	27.96	--	3577.54
MW-7 (RW-5)	10/25/10	3605.50	27.70	27.71	0.01	3577.80
MW-7 (RW-5)	11/01/10	3605.50	--	28.03	--	3577.47
MW-7 (RW-5)	11/09/10	3605.50	--	28.03	--	3577.47
MW-7 (RW-5)	11/22/10	3605.50	--	28.05	--	3577.45
MW-7 (RW-5)	12/06/10	3605.50	--	28.13	--	3577.37
MW-7 (RW-5)	12/13/10	3605.50	--	28.11	--	3577.39
MW-7 (RW-5)	01/04/11	3605.50	--	28.29	--	3577.21
MW-7 (RW-5)	01/10/11	3605.50	--	28.24	--	3577.26
MW-7 (RW-5)	01/17/11	3605.50	--	28.28	--	3577.22
MW-7 (RW-5)	01/24/11	3605.50	28.35	28.36	0.01	3577.15
MW-7 (RW-5)	01/31/11	3605.50	--	28.32	--	3577.18
MW-7 (RW-5)	02/07/11	3605.50	--	28.37	--	3577.13
MW-7 (RW-5)	02/14/11	3605.50	--	28.46	--	3577.04
MW-7 (RW-5)	03/01/11	3605.50	--	28.56	--	3576.94
MW-7 (RW-5)	03/07/11	3605.50	--	28.55	--	3576.95
MW-7 (RW-5)	03/21/11	3605.50	--	28.53	--	3576.97
MW-7 (RW-5)	03/28/11	3605.50	--	28.60	--	3576.90
MW-7 (RW-5)	04/18/11	3605.50	--	28.71	--	3576.79
MW-7 (RW-5)	10/10/11	3605.50	--	28.92	--	3576.58
MW-7 (RW-5)	05/30/12	3605.50	--	29.66	--	3575.84
MW-7 (RW-5)	01/17/13	3605.50	--	30.19	--	3575.31
MW-7 (RW-5)	01/24/13	3605.50	--	30.17	--	3575.33
MW-7 (RW-5)	01/31/13	3605.50	--	30.20	--	3575.30
MW-7 (RW-5)	02/07/13	3605.50	--	30.25	--	3575.25
MW-7 (RW-5)	02/14/13	3605.50	--	30.20	--	3575.30
MW-7 (RW-5)	02/27/13	3605.50	--	30.30	--	3575.20
MW-7 (RW-5)	03/07/13	3605.50	--	30.33	--	3575.17
MW-7 (RW-5)	03/14/13	3605.50	--	30.35	--	3575.15
MW-7 (RW-5)	03/19/13	3605.50	--	30.36	--	3575.14
MW-7 (RW-5)	04/05/13	3605.50	--	30.39	--	3575.11
MW-7 (RW-5)	04/10/13	3605.50	--	30.40	--	3575.10
MW-7 (RW-5)	04/18/13	3605.50	--	30.43	--	3575.07
MW-7 (RW-5)	04/25/13	3605.50	--	30.42	--	3575.08
MW-7 (RW-5)	05/02/13	3605.50	--	30.44	--	3575.06
MW-7 (RW-5)	05/09/13	3605.50	--	30.48	--	3575.02
MW-7 (RW-5)	05/13/13	3605.50	--	30.50	--	3575.00
MW-7 (RW-5)	05/23/13	3605.50	--	30.50	--	3575.00
MW-7 (RW-5)	05/30/13	3605.50	--	30.58	--	3574.92
MW-7 (RW-5)	06/07/13	3605.50	--	30.56	--	3574.94
MW-7 (RW-5)	06/13/13	3605.50	--	30.56	--	3574.94
MW-7 (RW-5)	06/27/13	3605.50	--	30.64	--	3574.86
MW-7 (RW-5)	07/02/13	3605.50	--	30.51	--	3574.99
MW-7 (RW-5)	07/11/13	3605.50	--	30.66	--	3574.84
MW-7 (RW-5)	07/23/13	3605.50	--	30.69	--	3574.81
MW-7 (RW-5)	08/22/13	3605.50	--	30.78	--	3574.72
MW-7 (RW-5)	09/19/13	3605.50	--	30.85	--	3574.65
MW-7 (RW-5)	10/03/13	3605.50	--	30.87	--	3574.63
MW-7 (RW-5)	10/31/13	3605.50	--	30.93	--	3574.57
MW-7 (RW-5)	11/14/13	3605.50	--	31.00	--	3574.50
MW-7 (RW-5)	11/27/13	3605.50	--	30.96	--	3574.54
MW-7 (RW-5)	12/11/13	3605.50	--	30.98	--	3574.52
MW-7 (RW-5)	12/24/13	3605.50	--	31.01	--	3574.49
MW-7 (RW-5)	01/08/14	3605.50	--	31.06	--	3574.44
MW-7 (RW-5)	03/10/14	3605.50	--	31.16	--	3574.34
MW-7 (RW-5)	03/25/14	3605.50	--	31.20	--	3574.30
MW-7 (RW-5)	04/02/14	3605.50	--	31.22	--	3574.28
MW-7 (RW-5)	04/16/14	3605.50	--	31.26	--	3574.24
MW-7 (RW-5)	04/28/14	3605.50	--	31.26	--	3574.24
MW-7 (RW-5)	05/15/14	3605.50	--	31.30	--	3574.20

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (RW-5)	05/28/14	3605.50	--	31.34	--	3574.16
MW-7 (RW-5)	06/09/14	3605.50	--	31.37	--	3574.13
MW-7 (RW-5)	07/29/14	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	08/06/14	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	08/19/14	3605.50	--	31.48	--	3574.02
MW-7 (RW-5)	09/03/14	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	10/01/14	3605.50	--	31.45	--	3574.05
MW-7 (RW-5)	10/30/14	3605.50	--	31.37	--	3574.13
MW-7 (RW-5)	11/24/14	3605.50	--	31.35	--	3574.15
MW-7 (RW-5)	12/10/14	3605.50	--	31.32	--	3574.18
MW-7 (RW-5)	01/08/15	3605.50	--	31.27	--	3574.23
MW-7 (RW-5)	01/20/15	3605.50	--	31.27	--	3574.23
MW-7 (RW-5)	02/25/15	3605.50	--	31.29	--	3574.21
MW-7 (RW-5)	03/10/15	3605.50	--	31.30	--	3574.20
MW-7 (RW-5)	04/24/15	3605.50	--	31.50	--	3574.00
MW-7 (RW-5)	05/15/15	3605.50	--	31.50	--	3574.00
MW-7 (RW-5)	06/08/15	3605.50	31.46	31.47	0.01	3574.04
MW-7 (RW-5)	07/27/15	3605.50	--	31.60	--	3573.90
MW-7 (RW-5)	08/18/15	3605.50	--	31.34	--	3574.16
MW-7 (RW-5)	09/29/15	3605.50	--	31.33	--	3574.17
MW-7 (RW-5)	02/18/16	3605.50	--	30.93	--	3574.57
MW-7 (RW-5)	03/21/16	3605.50	--	30.90	--	3574.60
MW-7 (RW-5)	04/14/16	3605.50	--	30.97	--	3574.53
MW-7 (RW-5)	05/19/16	3605.50	--	31.10	--	3574.40
MW-7 (RW-5)	07/27/16	3605.50	--	31.41	--	3574.09
MW-7 (RW-5)	09/22/16	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	10/13/16	3605.50	--	30.05	--	3575.45
MW-7 (RW-5)	12/08/16	3605.50	--	30.51	--	3574.99
MW-7 (RW-5)	03/22/17	3605.50	--	30.26	--	3575.24
MW-7 (RW-5)	09/18/17	3605.50	--	30.66	--	3574.84
MW-7 (RW-5)	03/21/18	3605.50	--	30.90	--	3574.60
MW-7 (RW-5)	05/15/18	3605.50	--	31.70	--	3573.80
MW-7 (RW-5)	06/14/18	3605.50	--	31.34	--	3574.16
MW-7 (RW-5)	09/18/18	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	03/05/19	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	06/04/19	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	09/03/19	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	12/05/19	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	03/02/20	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	06/18/20	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	09/08/20	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	03/15/21	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	09/15/21	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	03/28/22	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	09/06/22	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	01/27/23	3606.50	--	30.91	--	3575.59
MW-7 (RW-5)	03/20/23	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	06/22/23	3605.50	--	30.99	--	3574.51
MW-7 (RW-5)	09/19/23	3605.50	--	DRY	--	DRY
MW-7 (RW-5)	12/18/23	3605.50	--	DRY	--	DRY
MW-8 (SVE-5)	03/01/01	3605.25	--	24.29	--	3580.96
MW-8 (SVE-5)	06/25/01	3605.25	--	25.54	--	3579.71
MW-8 (SVE-5)	09/25/01	3605.25	--	24.82	--	3580.43
MW-8 (SVE-5)	12/11/01	3605.25	--	25.03	--	3580.22
MW-8 (SVE-5)	05/21/02	3605.25	--	25.40	--	3579.85
MW-8 (SVE-5)	06/08/02	3605.25	--	25.45	--	3579.80
MW-8 (SVE-5)	06/15/02	3605.25	--	25.47	--	3579.78
MW-8 (SVE-5)	10/15/02	3604.92	--	26.25	--	3578.67
MW-8 (SVE-5)	10/25/02	3604.92	--	26.26	--	3578.66
MW-8 (SVE-5)	10/26/02	3604.92	--	26.25	--	3578.67
MW-8 (SVE-5)	11/04/02	3604.92	--	26.00	--	3578.92
MW-8 (SVE-5)	11/05/02	3604.92	--	25.99	--	3578.93

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btbc)	Depth to Water (ft-btbc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8 (SVE-5)	12/16/02	3604.92	--	25.85	--	3579.07
MW-8 (SVE-5)	01/22/03	3604.92	--	25.70	--	3579.22
MW-8 (SVE-5)	02/14/03	3604.92	25.90	25.91	0.01	3579.02
MW-8 (SVE-5)	02/24/03	3604.92	25.95	26.00	0.05	3578.96
MW-8 (SVE-5)	04/07/03	3604.92	26.00	26.11	0.11	3578.90
MW-8 (SVE-5)	04/24/03	3604.92	26.01	26.11	0.10	3578.89
MW-8 (SVE-5)	06/25/03	3604.92	26.39	26.96	0.57	3578.42
MW-8 (SVE-5)	09/11/03	3604.92	26.58	27.13	0.55	3578.23
MW-8 (SVE-5)	11/05/03	3604.92	26.18	26.51	0.33	3578.67
MW-8 (SVE-5)	01/19/04	3604.92	27.00	27.59	0.59	3577.80
MW-8 (SVE-5)	04/20/04	3604.92	27.11	27.56	0.45	3577.72
MW-8 (SVE-5)	07/20/04	3604.92	27.06	27.40	0.34	3577.79
MW-8 (SVE-5)	10/25/04	3604.92	25.33	26.49	1.16	3579.36
MW-8 (SVE-5)	01/24/05	3604.92	24.22	25.16	0.94	3580.51
MW-8 (SVE-5)	02/14/05	3604.92	23.85	24.96	1.11	3580.85
MW-8 (SVE-5)	03/02/05	3604.92	23.78	24.87	1.09	3580.92
MW-8 (SVE-5)	03/08/05	3604.92	23.84	24.84	1.00	3580.88
MW-8 (SVE-5)	03/23/05	3604.92	23.80	24.81	1.01	3580.92
MW-8 (SVE-5)	04/18/05	3604.92	23.89	24.79	0.90	3580.85
MW-8 (SVE-5)	05/09/05	3604.92	23.62	24.59	0.97	3581.11
MW-8 (SVE-5)	06/10/05	3604.92	23.55	24.52	0.97	3581.18
MW-8 (SVE-5)	07/18/05	3604.92	23.99	24.81	0.82	3580.77
MW-8 (SVE-5)	10/17/05	3604.92	23.91	24.72	0.81	3580.85
MW-8 (SVE-5)	12/06/05	3604.92	23.92	24.68	0.76	3580.85
MW-8 (SVE-5)	12/12/05	3604.92	23.83	24.45	0.62	3580.97
MW-8 (SVE-5)	12/21/05	3604.92	24.06	24.86	0.80	3580.70
MW-8 (SVE-5)	12/28/05	3604.92	24.06	24.85	0.79	3580.70
MW-8 (SVE-5)	01/04/06	3604.92	24.14	24.93	0.79	3580.62
MW-8 (SVE-5)	01/10/06	3604.92	24.15	24.93	0.78	3580.61
MW-8 (SVE-5)	01/16/06	3604.92	24.17	24.92	0.75	3580.60
MW-8 (SVE-5)	01/23/06	3604.92	24.13	24.96	0.83	3580.62
MW-8 (SVE-5)	02/01/06	3604.92	24.24	25.01	0.77	3580.53
MW-8 (SVE-5)	02/16/06	3604.92	24.32	25.08	0.76	3580.45
MW-8 (SVE-5)	03/06/06	3604.92	24.42	25.17	0.75	3580.35
MW-8 (SVE-5)	03/29/06	3604.92	24.52	25.27	0.75	3580.25
MW-8 (SVE-5)	04/04/06	3604.92	24.56	25.29	0.73	3580.21
MW-8 (SVE-5)	04/11/06	3604.92	24.60	25.34	0.74	3580.17
MW-8 (SVE-5)	04/17/06	3604.92	24.62	25.35	0.73	3580.15
MW-8 (SVE-5)	04/24/06	3604.92	24.55	25.39	0.84	3580.20
MW-8 (SVE-5)	05/03/06	3604.92	24.69	25.45	0.76	3580.08
MW-8 (SVE-5)	05/31/06	3604.92	24.83	25.92	1.09	3579.87
MW-8 (SVE-5)	06/09/06	3604.92	25.00	25.01	0.01	3579.92
MW-8 (SVE-5)	06/12/06	3604.92	25.03	25.04	0.01	3579.89
MW-8 (SVE-5)	06/26/06	3604.92	25.11	25.12	0.01	3579.81
MW-8 (SVE-5)	07/05/06	3604.92	25.18	25.19	0.01	3579.74
MW-8 (SVE-5)	07/10/06	3604.92	25.19	25.20	0.01	3579.73
MW-8 (SVE-5)	07/17/06	3604.92	25.16	25.18	0.02	3579.76
MW-8 (SVE-5)	07/24/06	3604.92	25.04	25.09	0.05	3579.87
MW-8 (SVE-5)	08/02/06	3604.92	25.23	25.28	0.05	3579.68
MW-8 (SVE-5)	08/14/06	3604.92	25.23	25.28	0.05	3579.68
MW-8 (SVE-5)	08/28/06	3604.92	25.33	25.38	0.05	3579.58
MW-8 (SVE-5)	09/14/06	3604.92	25.24	25.26	0.02	3579.68
MW-8 (SVE-5)	09/21/06	3604.92	25.70	25.75	0.05	3579.21
MW-8 (SVE-5)	09/25/06	3604.92	25.10	25.11	0.01	3579.82
MW-8 (SVE-5)	10/02/06	3604.92	25.81	25.82	0.01	3579.11
MW-8 (SVE-5)	10/10/06	3604.92	--	24.82	--	3580.10
MW-8 (SVE-5)	10/16/06	3604.92	25.08	25.14	0.06	3579.83
MW-8 (SVE-5)	10/23/06	3604.92	24.89	24.92	0.03	3580.02
MW-8 (SVE-5)	10/30/06	3604.92	25.00	25.01	0.01	3579.92
MW-8 (SVE-5)	11/06/06	3604.92	--	25.01	--	3579.91
MW-8 (SVE-5)	11/21/06	3604.92	--	25.03	--	3579.89
MW-8 (SVE-5)	11/28/06	3604.92	--	25.01	--	3579.91
MW-8 (SVE-5)	12/05/06	3604.92	--	25.01	--	3579.91

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8 (SVE-5)	12/11/06	3604.92	--	25.02	--	3579.90
MW-8 (SVE-5)	12/18/06	3604.92	--	25.04	--	3579.88
MW-8 (SVE-5)	01/02/07	3604.92	--	25.09	--	3579.83
MW-8 (SVE-5)	01/08/07	3604.92	--	25.04	--	3579.88
MW-8 (SVE-5)	01/23/07	3604.92	--	24.91	--	3580.01
MW-8 (SVE-5)	02/05/07	3604.92	--	25.19	--	3579.73
MW-8 (SVE-5)	02/26/07	3604.92	25.23	25.24	0.01	3579.69
MW-8 (SVE-5)	03/05/07	3604.92	25.31	25.32	0.01	3579.61
MW-8 (SVE-5)	03/13/07	3604.92	25.34	25.35	0.01	3579.58
MW-8 (SVE-5)	03/19/07	3604.92	25.36	25.37	0.01	3579.56
MW-8 (SVE-5)	03/26/07	3604.92	25.40	25.41	0.01	3579.52
MW-8 (SVE-5)	04/02/07	3604.92	25.41	25.42	0.01	3579.51
MW-8 (SVE-5)	04/23/07	3604.92	25.23	25.24	0.01	3579.69
MW-8 (SVE-5)	05/01/07	3604.92	25.51	25.52	0.01	3579.41
MW-8 (SVE-5)	05/29/07	3604.92	25.53	25.54	0.01	3579.39
MW-8 (SVE-5)	06/04/07	3604.92	25.54	25.55	0.01	3579.38
MW-8 (SVE-5)	06/11/07	3604.92	--	25.56	--	3579.36
MW-8 (SVE-5)	06/18/07	3604.92	--	25.56	--	3579.36
MW-8 (SVE-5)	06/26/07	3604.92	--	25.29	--	3579.63
MW-8 (SVE-5)	07/09/07	3604.92	--	25.33	--	3579.59
MW-8 (SVE-5)	07/17/07	3604.92	--	25.33	--	3579.59
MW-8 (SVE-5)	07/23/07	3604.92	25.34	25.35	0.01	3579.58
MW-8 (SVE-5)	07/30/07	3604.92	--	25.34	--	3579.58
MW-8 (SVE-5)	08/07/07	3604.92	--	25.35	--	3579.57
MW-8 (SVE-5)	08/20/07	3604.92	--	25.37	--	3579.55
MW-8 (SVE-5)	08/27/07	3604.92	--	25.40	--	3579.52
MW-8 (SVE-5)	09/04/07	3604.92	--	25.41	--	3579.51
MW-8 (SVE-5)	09/10/07	3604.92	25.45	25.46	0.01	3579.47
MW-8 (SVE-5)	09/25/07	3604.92	25.45	25.46	0.01	3579.47
MW-8 (SVE-5)	10/02/07	3604.92	25.40	25.41	0.01	3579.52
MW-8 (SVE-5)	10/11/07	3604.92	25.40	25.41	0.01	3579.52
MW-8 (SVE-5)	10/22/07	3604.92	25.30	25.31	0.01	3579.62
MW-8 (SVE-5)	10/31/07	3604.92	--	25.36	--	3579.56
MW-8 (SVE-5)	11/12/07	3604.92	--	25.33	--	3579.59
MW-8 (SVE-5)	11/19/07	3604.92	--	25.35	--	3579.57
MW-8 (SVE-5)	12/05/07	3604.92	--	25.38	--	3579.54
MW-8 (SVE-5)	12/10/07	3604.92	--	25.44	--	3579.48
MW-8 (SVE-5)	12/20/07	3604.92	--	25.44	--	3579.48
MW-8 (SVE-5)	01/02/08	3604.92	--	25.51	--	3579.41
MW-8 (SVE-5)	01/07/08	3604.92	--	25.50	--	3579.42
MW-8 (SVE-5)	01/28/08	3604.92	25.39	25.40	0.01	3579.53
MW-8 (SVE-5)	02/12/08	3604.92	25.64	25.65	0.01	3579.28
MW-8 (SVE-5)	02/26/08	3604.92	25.69	25.70	0.01	3579.23
MW-8 (SVE-5)	04/21/08	3604.92	25.65	25.66	0.01	3579.27
MW-8 (SVE-5)	04/28/08	3604.92	--	25.84	--	3579.08
MW-8 (SVE-5)	05/20/08	3604.92	--	25.94	--	3578.98
MW-8 (SVE-5)	06/02/08	3604.92	--	25.99	--	3578.93
MW-8 (SVE-5)	06/09/08	3604.92	26.05	26.08	0.03	3578.86
MW-8 (SVE-5)	06/16/08	3604.92	26.03	26.04	0.01	3578.89
MW-8 (SVE-5)	06/30/08	3604.92	--	26.11	--	3578.81
MW-8 (SVE-5)	07/14/08	3604.92	--	26.18	--	3578.74
MW-8 (SVE-5)	07/21/08	3604.92	25.98	26.04	0.06	3578.93
MW-8 (SVE-5)	08/06/08	3604.92	26.28	26.29	0.01	3578.64
MW-8 (SVE-5)	08/18/08	3604.92	26.33	26.39	0.06	3578.58
MW-8 (SVE-5)	09/09/08	3604.92	--	26.41	--	3578.51
MW-8 (SVE-5)	09/15/08	3604.92	--	26.42	--	3578.50
MW-8 (SVE-5)	09/22/08	3604.92	--	26.45	--	3578.47
MW-8 (SVE-5)	09/29/08	3604.92	--	26.49	--	3578.43
MW-8 (SVE-5)	10/07/08	3604.92	--	26.52	--	3578.40
MW-8 (SVE-5)	10/20/08	3604.92	26.23	26.27	0.04	3578.68
MW-8 (SVE-5)	10/28/08	3604.92	--	26.55	--	3578.37
MW-8 (SVE-5)	11/28/08	3604.92	--	26.54	--	3578.38
MW-8 (SVE-5)	12/01/08	3604.92	--	26.53	--	3578.39

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8 (SVE-5)	12/08/08	3604.92	--	26.54	--	3578.38
MW-8 (SVE-5)	12/24/08	3604.92	--	26.57	--	3578.35
MW-8 (SVE-5)	12/29/08	3604.92	--	26.60	--	3578.32
MW-8 (SVE-5)	01/06/09	3604.92	--	26.64	--	3578.28
MW-8 (SVE-5)	01/14/09	3604.92	--	26.63	--	3578.29
MW-8 (SVE-5)	01/19/09	3604.92	26.35	26.36	0.01	3578.57
MW-8 (SVE-5)	01/26/09	3604.92	--	26.68	--	3578.24
MW-8 (SVE-5)	02/10/09	3604.92	--	26.73	--	3578.19
MW-8 (SVE-5)	02/26/09	3604.92	--	26.75	--	3578.17
MW-8 (SVE-5)	03/02/09	3604.92	26.75	26.76	0.01	3578.17
MW-8 (SVE-5)	03/09/09	3604.92	--	26.78	--	3578.14
MW-8 (SVE-5)	03/16/09	3604.92	26.79	26.80	0.01	3578.13
MW-8 (SVE-5)	03/24/09	3604.92	--	26.82	--	3578.10
MW-8 (SVE-5)	03/30/09	3604.92	--	26.78	--	3578.14
MW-8 (SVE-5)	04/06/09	3604.92	--	26.84	--	3578.08
MW-8 (SVE-5)	04/14/09	3604.92	--	26.79	--	3578.13
MW-8 (SVE-5)	04/20/09	3604.92	26.61	26.62	0.01	3578.31
MW-8 (SVE-5)	04/28/09	3604.92	--	26.82	--	3578.10
MW-8 (SVE-5)	05/11/09	3604.92	--	26.89	--	3578.03
MW-8 (SVE-5)	05/26/09	3604.92	--	26.88	--	3578.04
MW-8 (SVE-5)	06/01/09	3604.92	--	26.95	--	3577.97
MW-8 (SVE-5)	06/09/09	3604.92	--	26.90	--	3578.02
MW-8 (SVE-5)	06/15/09	3604.92	--	26.98	--	3577.94
MW-8 (SVE-5)	06/29/09	3604.92	--	26.94	--	3577.98
MW-8 (SVE-5)	07/06/09	3604.92	--	27.00	--	3577.92
MW-8 (SVE-5)	07/14/09	3604.92	--	27.07	--	3577.85
MW-8 (SVE-5)	07/20/09	3604.92	--	26.99	--	3577.93
MW-8 (SVE-5)	07/27/09	3604.92	--	26.95	--	3577.97
MW-8 (SVE-5)	08/03/09	3604.92	--	27.08	--	3577.84
MW-8 (SVE-5)	08/12/09	3604.92	--	27.15	--	3577.77
MW-8 (SVE-5)	08/24/09	3604.92	--	27.08	--	3577.84
MW-8 (SVE-5)	08/31/09	3604.92	--	27.14	--	3577.78
MW-8 (SVE-5)	09/08/09	3604.92	--	27.06	--	3577.86
MW-8 (SVE-5)	09/16/09	3604.92	--	27.13	--	3577.79
MW-8 (SVE-5)	09/28/09	3604.92	--	27.03	--	3577.89
MW-8 (SVE-5)	10/05/09	3604.92	--	27.15	--	3577.77
MW-8 (SVE-5)	10/12/09	3604.92	--	27.10	--	3577.82
MW-8 (SVE-5)	10/26/09	3604.92	--	27.05	--	3577.87
MW-8 (SVE-5)	11/03/09	3604.92	--	27.08	--	3577.84
MW-8 (SVE-5)	11/10/09	3604.92	--	27.19	--	3577.73
MW-8 (SVE-5)	11/23/09	3604.92	--	27.15	--	3577.77
MW-8 (SVE-5)	11/30/09	3604.92	--	27.26	--	3577.66
MW-8 (SVE-5)	12/07/09	3604.92	--	27.32	--	3577.60
MW-8 (SVE-5)	12/22/09	3604.92	--	27.35	--	3577.57
MW-8 (SVE-5)	01/04/10	3604.92	--	27.31	--	3577.61
MW-8 (SVE-5)	01/11/10	3604.92	--	27.39	--	3577.53
MW-8 (SVE-5)	01/18/10	3604.92	--	27.26	--	3577.66
MW-8 (SVE-5)	01/25/10	3604.92	--	27.30	--	3577.62
MW-8 (SVE-5)	02/01/10	3604.92	--	27.35	--	3577.57
MW-8 (SVE-5)	02/08/10	3604.92	--	27.39	--	3577.53
MW-8 (SVE-5)	02/22/10	3604.92	--	27.53	--	3577.39
MW-8 (SVE-5)	03/01/10	3604.92	--	27.19	--	3577.73
MW-8 (SVE-5)	03/08/10	3604.92	--	27.56	--	3577.36
MW-8 (SVE-5)	03/22/10	3604.92	--	27.80	--	3577.12
MW-8 (SVE-5)	03/29/10	3604.92	--	27.51	--	3577.41
MW-8 (SVE-5)	04/05/10	3604.92	--	27.64	--	3577.28
MW-8 (SVE-5)	04/13/10	3604.92	--	27.51	--	3577.41
MW-8 (SVE-5)	04/19/10	3604.92	--	27.68	--	3577.24
MW-8 (SVE-5)	04/26/10	3604.92	--	27.49	--	3577.43
MW-8 (SVE-5)	05/03/10	3604.92	--	27.75	--	3577.17
MW-8 (SVE-5)	05/14/10	3604.92	--	27.78	--	3577.14
MW-8 (SVE-5)	05/20/10	3604.92	--	27.75	--	3577.17
MW-8 (SVE-5)	05/27/10	3604.92	--	27.55	--	3577.37

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8 (SVE-5)	06/01/10	3604.92	--	27.78	--	3577.14
MW-8 (SVE-5)	06/07/10	3604.92	--	27.72	--	3577.20
MW-8 (SVE-5)	06/15/10	3604.92	--	27.85	--	3577.07
MW-8 (SVE-5)	06/28/10	3604.92	--	27.75	--	3577.17
MW-8 (SVE-5)	07/06/10	3604.92	--	27.73	--	3577.19
MW-8 (SVE-5)	07/13/10	3604.92	--	27.63	--	3577.29
MW-8 (SVE-5)	07/19/10	3604.92	--	27.64	--	3577.28
MW-8 (SVE-5)	07/26/10	3604.92	--	27.27	--	3577.65
MW-8 (SVE-5)	08/09/10	3604.92	--	27.45	--	3577.47
MW-8 (SVE-5)	08/16/10	3604.92	--	27.38	--	3577.54
MW-8 (SVE-5)	08/30/10	3604.92	--	27.35	--	3577.57
MW-8 (SVE-5)	09/07/10	3604.92	--	27.27	--	3577.65
MW-8 (SVE-5)	09/13/10	3604.92	--	27.31	--	3577.61
MW-8 (SVE-5)	09/20/10	3604.92	--	27.21	--	3577.71
MW-8 (SVE-5)	09/27/10	3604.92	--	27.29	--	3577.63
MW-8 (SVE-5)	10/04/10	3604.92	--	27.21	--	3577.71
MW-8 (SVE-5)	10/12/10	3604.92	--	27.29	--	3577.63
MW-8 (SVE-5)	10/19/10	3604.92	--	27.22	--	3577.70
MW-8 (SVE-5)	10/25/10	3604.92	26.97	26.98	0.01	3577.95
MW-8 (SVE-5)	11/01/10	3604.92	--	27.22	--	3577.70
MW-8 (SVE-5)	11/09/10	3604.92	--	27.31	--	3577.61
MW-8 (SVE-5)	11/22/10	3604.92	--	27.30	--	3577.62
MW-8 (SVE-5)	12/06/10	3604.92	--	27.41	--	3577.51
MW-8 (SVE-5)	12/13/10	3604.92	--	27.34	--	3577.58
MW-8 (SVE-5)	01/04/11	3604.92	--	27.54	--	3577.38
MW-8 (SVE-5)	01/10/11	3604.92	--	27.44	--	3577.48
MW-8 (SVE-5)	01/17/11	3604.92	--	27.49	--	3577.43
MW-8 (SVE-5)	01/24/11	3604.92	--	27.67	--	3577.25
MW-8 (SVE-5)	01/31/11	3604.92	--	27.56	--	3577.36
MW-8 (SVE-5)	02/07/11	3604.92	--	27.62	--	3577.30
MW-8 (SVE-5)	02/14/11	3604.92	--	27.77	--	3577.15
MW-8 (SVE-5)	03/01/11	3604.92	--	27.75	--	3577.17
MW-8 (SVE-5)	03/07/11	3604.92	--	27.87	--	3577.05
MW-8 (SVE-5)	03/21/11	3604.92	--	27.79	--	3577.13
MW-8 (SVE-5)	03/28/11	3604.92	--	27.92	--	3577.00
MW-8 (SVE-5)	04/18/11	3604.92	--	28.01	--	3576.91
MW-8 (SVE-5)	10/10/11	3604.92	--	28.31	--	3576.61
MW-8 (SVE-5)	05/30/12	3604.92	--	29.07	--	3575.85
MW-8 (SVE-5)	01/17/13	3604.92	--	29.56	--	3575.36
MW-8 (SVE-5)	01/24/13	3604.92	--	29.57	--	3575.35
MW-8 (SVE-5)	01/31/13	3604.92	--	29.56	--	3575.36
MW-8 (SVE-5)	02/07/13	3604.92	--	29.62	--	3575.30
MW-8 (SVE-5)	02/14/13	3604.92	--	29.56	--	3575.36
MW-8 (SVE-5)	02/27/13	3604.92	--	29.66	--	3575.26
MW-8 (SVE-5)	03/07/13	3604.92	--	29.69	--	3575.23
MW-8 (SVE-5)	03/14/13	3604.92	--	29.67	--	3575.25
MW-8 (SVE-5)	03/19/13	3604.92	--	29.72	--	3575.20
MW-8 (SVE-5)	04/05/13	3604.92	--	29.76	--	3575.16
MW-8 (SVE-5)	04/10/13	3604.92	--	29.07	--	3575.85
MW-8 (SVE-5)	04/18/13	3604.92	--	29.10	--	3575.82
MW-8 (SVE-5)	04/25/13	3604.92	--	29.77	--	3575.15
MW-8 (SVE-5)	05/02/13	3604.92	--	29.83	--	3575.09
MW-8 (SVE-5)	05/09/13	3604.92	--	29.87	--	3575.05
MW-8 (SVE-5)	05/13/13	3604.92	--	29.89	--	3575.03
MW-8 (SVE-5)	05/23/13	3604.92	--	29.89	--	3575.03
MW-8 (SVE-5)	05/30/13	3604.92	--	29.93	--	3574.99
MW-8 (SVE-5)	06/07/13	3604.92	--	29.93	--	3574.99
MW-8 (SVE-5)	06/13/13	3604.92	--	30.00	--	3574.92
MW-8 (SVE-5)	06/27/13	3604.92	--	29.83	--	3575.09
MW-8 (SVE-5)	07/02/13	3604.92	--	29.86	--	3575.06
MW-8 (SVE-5)	07/11/13	3604.92	--	30.08	--	3574.84
MW-8 (SVE-5)	07/23/13	3604.92	--	30.11	--	3574.81
MW-8 (SVE-5)	08/22/13	3604.92	--	29.86	--	3575.06

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8 (SVE-5)	09/19/13	3604.92	--	30.24	--	3574.68
MW-8 (SVE-5)	10/03/13	3604.92	--	30.18	--	3574.74
MW-8 (SVE-5)	10/31/13	3604.92	--	30.21	--	3574.71
MW-8 (SVE-5)	11/14/13	3604.92	--	30.32	--	3574.60
MW-8 (SVE-5)	11/27/13	3604.92	--	30.35	--	3574.57
MW-8 (SVE-5)	12/11/13	3604.92	--	30.31	--	3574.61
MW-8 (SVE-5)	12/24/13	3604.92	--	30.40	--	3574.52
MW-8 (SVE-5)	01/08/14	3605.50	--	31.06	--	3574.44
MW-8 (SVE-5)	03/10/14	3605.50	--	31.16	--	3574.34
MW-8 (SVE-5)	03/25/14	3605.50	--	31.20	--	3574.30
MW-8 (SVE-5)	04/02/14	3605.50	--	31.22	--	3574.28
MW-8 (SVE-5)	04/16/14	3605.50	--	31.26	--	3574.24
MW-8 (SVE-5)	04/28/14	3605.50	--	31.26	--	3574.24
MW-8 (SVE-5)	05/15/14	3605.50	--	31.30	--	3574.20
MW-8 (SVE-5)	05/28/14	3605.50	--	31.34	--	3574.16
MW-8 (SVE-5)	06/09/14	3605.50	--	31.37	--	3574.13
MW-8 (SVE-5)	07/29/14	3605.50	--	DRY	--	DRY
MW-8 (SVE-5)	08/06/14	3605.50	--	DRY	--	DRY
MW-8 (SVE-5)	08/19/14	3605.50	--	31.48	--	3574.02
MW-8 (SVE-5)	09/03/14	3605.50	--	DRY	--	DRY
MW-8 (SVE-5)	10/01/14	3605.50	--	31.45	--	3574.05
MW-8 (SVE-5)	10/30/14	3605.50	--	31.37	--	3574.13
MW-8 (SVE-5)	11/24/14	3606.50	--	31.35	--	3575.15
MW-8 (SVE-5)	12/10/14	3606.50	--	31.32	--	3575.18
MW-8 (SVE-5)	01/08/15	3605.92	--	30.61	--	3575.31
MW-8 (SVE-5)	01/20/15	3605.92	--	30.60	--	3575.32
MW-8 (SVE-5)	02/25/15	3605.92	--	30.60	--	3575.32
MW-8 (SVE-5)	03/10/15	3605.92	--	30.61	--	3575.31
MW-8 (SVE-5)	04/24/15	3605.92	--	30.79	--	3575.13
MW-8 (SVE-5)	05/15/15	3605.92	--	30.83	--	3575.09
MW-8 (SVE-5)	06/08/15	3605.92	--	30.77	--	3575.15
MW-8 (SVE-5)	07/27/15	3605.92	--	30.68	--	3575.24
MW-8 (SVE-5)	08/18/15	3605.92	--	30.65	--	3575.27
MW-8 (SVE-5)	09/29/15	3605.92	--	30.60	--	3575.32
MW-8 (SVE-5)	01/21/16	3605.92	--	30.38	--	3575.54
MW-8 (SVE-5)	02/18/16	3605.92	--	30.18	--	3575.74
MW-8 (SVE-5)	03/21/16	3605.92	--	30.15	--	3575.77
MW-8 (SVE-5)	04/14/16	3605.92	--	30.34	--	3575.58
MW-8 (SVE-5)	05/19/16	3605.92	--	30.56	--	3575.36
MW-8 (SVE-5)	07/27/16	3605.92	--	30.72	--	3575.20
MW-8 (SVE-5)	09/22/16	3605.92	--	30.70	--	3575.22
MW-8 (SVE-5)	10/13/16	3605.92	--	29.43	--	3576.49
MW-8 (SVE-5)	12/08/16	3605.92	--	29.92	--	3576.00
MW-8 (SVE-5)	03/22/17	3605.92	--	29.52	--	3576.40
MW-8 (SVE-5)	09/18/17	3605.92	--	29.94	--	3575.98
MW-8 (SVE-5)	03/21/18	3605.92	--	30.18	--	3575.74
MW-8 (SVE-5)	06/14/18	3605.92	--	31.13	--	3574.79
MW-8 (SVE-5)	07/16/18	3605.92	--	30.77	--	3575.15
MW-8 (SVE-5)	09/18/18	3605.92	--	30.95	--	3574.97
MW-8 (SVE-5)	03/05/19	3605.92	--	31.02	--	3574.90
MW-8 (SVE-5)	06/04/19	3605.92	--	31.16	--	3574.76
MW-8 (SVE-5)	09/03/19	3605.92	--	31.41	--	3574.51
MW-8 (SVE-5)	12/06/19	3605.92	--	31.54	--	3574.38
MW-8 (SVE-5)	03/02/20	3605.92	--	31.66	--	3574.26
MW-8 (SVE-5)	06/18/20	3605.92	--	31.82	--	3574.10
MW-8 (SVE-5)	09/08/20	3605.92	--	32.01	--	3573.91
MW-8 (SVE-5)	03/15/21	3605.92	--	32.61	--	3573.31
MW-8 (SVE-5)	09/14/21	3605.92	--	33.17	--	3572.75
MW-8 (SVE-5)	03/28/22	3605.92	--	33.21	--	3572.71
MW-8 (SVE-5)	09/06/22	3605.92	--	33.71	--	3572.21
MW-8 (SVE-5)	01/27/23	3606.92	--	33.84	--	3573.08
MW-8 (SVE-5)	02/09/23	3605.92	--	33.88	--	3572.04
MW-8 (SVE-5)	03/20/23	3605.92	--	34.00	--	3571.92

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8 (SVE-5)	06/22/23	3605.92	--	DRY	--	DRY
MW-8 (SVE-5)	09/19/23	3605.92	--	34.48	--	3571.44
MW-8 (SVE-5)	12/18/23	3605.92	--	35.15	--	3570.77
MW-9 (RW-2)	03/01/01	3605.75	23.68	26.82	3.14	3581.44
MW-9 (RW-2)	06/25/01	3605.75	24.73	24.79	0.06	3581.01
MW-9 (RW-2)	09/25/01	3605.75	25.90	26.28	0.38	3579.77
MW-9 (RW-2)	12/11/01	3605.75	25.49	28.73	3.24	3579.61
MW-9 (RW-2)	05/22/02	3605.75	26.19	27.64	1.45	3579.27
MW-9 (RW-2)	11/05/02	3605.75	25.83	29.15	3.32	3579.26
MW-9 (RW-2)	02/25/03	3605.75	26.38	28.62	2.24	3578.92
MW-9 (RW-2)	04/09/03	3605.75	26.30	28.24	1.94	3579.06
MW-9 (RW-2)	04/22/03	3605.75	26.30	28.95	2.65	3578.92
MW-9 (RW-2)	06/25/03	3605.75	27.02	29.08	2.06	3578.32
MW-9 (RW-2)	09/11/03	3605.75	27.22	29.25	2.03	3578.12
MW-9 (RW-2)	11/05/03	3605.75	27.35	29.30	1.95	3578.01
MW-9 (RW-2)	01/19/04	3605.75	28.50	29.94	1.44	3576.96
MW-9 (RW-2)	04/20/04	3605.75	28.91	29.04	0.13	3576.81
MW-9 (RW-2)	07/20/04	3605.75	28.58	30.09	1.51	3576.87
MW-9 (RW-2)	10/25/04	3605.75	27.22	27.34	0.12	3578.51
MW-9 (RW-2)	12/29/04	3605.75	26.44	26.45	0.01	3579.31
MW-9 (RW-2)	01/24/05	3605.75	--	26.23	--	3579.52
MW-9 (RW-2)	02/14/05	3605.75	--	26.13	--	3579.62
MW-9 (RW-2)	03/02/05	3605.75	--	26.12	--	3579.63
MW-9 (RW-2)	03/08/05	3605.75	--	26.09	--	3579.66
MW-9 (RW-2)	03/23/05	3605.75	--	26.03	--	3579.72
MW-9 (RW-2)	04/18/05	3605.75	--	25.90	--	3579.85
MW-9 (RW-2)	05/09/05	3605.75	--	25.93	--	3579.82
MW-9 (RW-2)	06/10/05	3605.75	--	25.91	--	3579.84
MW-9 (RW-2)	07/18/05	3605.75	--	25.94	--	3579.81
MW-9 (RW-2)	10/17/05	3605.75	--	25.85	--	3579.90
MW-9 (RW-2)	12/28/05	3605.75	--	25.99	--	3579.76
MW-9 (RW-2)	01/23/06	3605.75	26.03	26.04	0.01	3579.72
MW-9 (RW-2)	04/24/06	3605.75	26.43	26.44	0.01	3579.32
MW-9 (RW-2)	07/24/06	3605.75	26.79	26.80	0.01	3578.96
MW-9 (RW-2)	10/23/06	3605.75	--	26.65	--	3579.10
MW-9 (RW-2)	01/23/07	3605.75	--	26.69	--	3579.06
MW-9 (RW-2)	04/23/07	3605.75	26.99	27.00	0.01	3578.76
MW-9 (RW-2)	07/23/07	3605.75	27.13	27.14	0.01	3578.62
MW-9 (RW-2)	10/22/07	3605.75	27.13	27.14	0.01	3578.62
MW-9 (RW-2)	01/28/08	3605.75	27.18	27.19	0.01	3578.57
MW-9 (RW-2)	04/21/08	3605.75	--	27.43	--	3578.32
MW-9 (RW-2)	07/21/08	3605.75	--	27.72	--	3578.03
MW-9 (RW-2)	10/20/08	3605.75	27.96	27.97	0.01	3577.79
MW-9 (RW-2)	01/19/09	3605.75	--	28.12	--	3577.63
MW-9 (RW-2)	04/20/09	3605.75	--	28.36	--	3577.39
MW-9 (RW-2)	07/27/09	3605.75	--	28.62	--	3577.13
MW-9 (RW-2)	10/26/09	3605.75	28.76	28.77	0.01	3576.99
MW-9 (RW-2)	01/25/10	3605.75	28.75	30.03	1.28	3576.74
MW-9 (RW-2)	04/26/10	3605.75	28.91	30.41	1.50	3576.54
MW-9 (RW-2)	07/26/10	3605.75	28.56	30.12	1.56	3576.88
MW-9 (RW-2)	10/25/10	3605.75	28.56	28.57	0.01	3577.19
MW-9 (RW-2)	01/24/11	3605.75	29.18	30.52	1.34	3576.30
MW-9 (RW-2)	03/01/11	3605.75	--	30.67	--	3575.08
MW-9 (RW-2)	03/01/11	3605.75	--	30.67	--	3575.08
MW-9 (RW-2)	04/04/11	3605.75	29.35	30.99	1.64	3576.07
MW-9 (RW-2)	04/05/11	3605.75	29.47	30.45	0.98	3576.08
MW-9 (RW-2)	04/11/11	3605.75	29.58	30.81	1.23	3575.92
MW-9 (RW-2)	04/18/11	3605.75	29.59	30.90	1.31	3575.90
MW-9 (RW-2)	04/25/11	3605.75	29.52	30.80	1.28	3575.97
MW-9 (RW-2)	05/02/11	3605.75	29.55	30.84	1.29	3575.94
MW-9 (RW-2)	05/03/11	3605.75	29.91	30.16	0.25	3575.79
MW-9 (RW-2)	05/09/11	3605.75	29.66	30.83	1.17	3575.86

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-9 (RW-2)	05/31/11	3605.75	29.96	30.99	1.03	3575.58
MW-9 (RW-2)	06/06/11	3605.75	29.71	31.03	1.32	3575.78
MW-9 (RW-2)	10/10/11	3605.75	29.61	31.40	1.79	3575.78
MW-9 (RW-2)	05/30/12	3605.75	30.44	31.64	1.20	3575.07
MW-9 (RW-2)	02/07/13	3605.75	30.99	32.85	1.86	3574.39
MW-9 (RW-2)	03/07/13	3605.75	31.01	32.85	1.84	3574.37
MW-9 (RW-2)	03/14/13	3605.75	31.02	32.89	1.87	3574.36
MW-9 (RW-2)	03/19/13	3605.75	31.47	31.48	0.01	3574.28
MW-9 (RW-2)	04/05/13	3605.75	31.53	31.59	0.06	3574.21
MW-9 (RW-2)	04/10/13	3605.75	31.50	31.59	0.09	3574.23
MW-9 (RW-2)	04/18/13	3605.75	31.70	31.75	0.05	3574.04
MW-9 (RW-2)	04/25/13	3605.75	31.69	31.72	0.03	3574.05
MW-9 (RW-2)	05/09/13	3605.75	30.72	30.76	0.04	3575.02
MW-9 (RW-2)	05/13/13	3605.75	31.62	31.70	0.08	3574.11
MW-9 (RW-2)	05/23/13	3605.75	31.62	31.67	0.05	3574.12
MW-9 (RW-2)	05/30/13	3605.75	31.61	31.72	0.11	3574.12
MW-9 (RW-2)	06/07/13	3605.75	31.75	31.83	0.08	3573.98
MW-9 (RW-2)	06/13/13	3605.75	30.65	30.72	0.07	3575.09
MW-9 (RW-2)	06/27/13	3605.75	31.08	31.18	0.10	3574.65
MW-9 (RW-2)	07/02/13	3605.75	30.72	30.76	0.04	3575.02
MW-9 (RW-2)	07/11/13	3605.75	31.78	31.84	0.06	3573.96
MW-9 (RW-2)	07/23/13	3605.75	31.76	31.77	0.01	3573.99
MW-9 (RW-2)	08/22/13	3605.75	31.79	31.97	0.18	3573.92
MW-9 (RW-2)	09/19/13	3605.75	31.81	32.16	0.35	3573.86
MW-9 (RW-2)	10/03/13	3605.75	31.81	32.22	0.41	3573.85
MW-9 (RW-2)	10/31/13	3605.75	31.98	32.07	0.09	3573.75
MW-9 (RW-2)	11/14/13	3605.75	32.07	32.13	0.06	3573.67
MW-9 (RW-2)	11/27/13	3605.75	32.08	32.19	0.11	3573.65
MW-9 (RW-2)	12/11/13	3605.75	33.12	33.15	0.03	3572.62
MW-9 (RW-2)	12/24/13	3605.75	--	32.15	--	3573.60
MW-9 (RW-2)	01/08/14	3605.75	--	32.12	--	3573.63
MW-9 (RW-2)	03/10/14	3605.75	32.29	32.33	0.04	3573.45
MW-9 (RW-2)	03/25/14	3605.75	32.20	32.29	0.09	3573.53
MW-9 (RW-2)	04/02/14	3605.75	32.25	32.29	0.04	3573.49
MW-9 (RW-2)	04/16/14	3605.75	32.30	32.37	0.07	3573.43
MW-9 (RW-2)	04/28/14	3605.75	32.32	32.35	0.03	3573.42
MW-9 (RW-2)	05/15/14	3605.75	32.38	32.41	0.03	3573.36
MW-9 (RW-2)	05/28/14	3605.75	32.42	32.44	0.02	3573.33
MW-9 (RW-2)	06/09/14	3605.75	32.45	32.47	0.02	3573.30
MW-9 (RW-2)	07/29/14	3605.75	32.58	32.61	0.03	3573.16
MW-9 (RW-2)	08/06/14	3605.75	32.62	32.64	0.02	3573.13
MW-9 (RW-2)	08/19/14	3605.75	32.64	32.68	0.04	3573.10
MW-9 (RW-2)	09/03/14	3605.75	32.72	32.74	0.02	3573.03
MW-9 (RW-2)	10/01/14	3605.75	32.47	32.48	0.01	3573.28
MW-9 (RW-2)	10/30/14	3605.75	32.41	32.42	0.01	3573.34
MW-9 (RW-2)	11/19/14	3605.75	32.43	32.45	0.02	3573.32
MW-9 (RW-2)	11/24/14	3605.75	--	32.43	--	3573.32
MW-9 (RW-2)	12/10/14	3605.75	--	32.39	--	3573.36
MW-9 (RW-2)	01/08/15	3605.75	32.36	32.37	0.01	3573.39
MW-9 (RW-2)	01/20/15	3605.75	--	32.33	--	3573.42
MW-9 (RW-2)	02/24/15	3605.75	32.34	32.36	0.02	3573.41
MW-9 (RW-2)	02/25/15	3605.75	--	32.37	--	3573.38
MW-9 (RW-2)	02/26/15	3605.75	--	32.37	--	3573.38
MW-9 (RW-2)	02/27/15	3605.75	--	32.37	--	3573.38
MW-9 (RW-2)	03/10/15	3605.75	32.35	32.36	0.01	3573.40
MW-9 (RW-2)	04/23/15	3605.75	32.43	32.46	0.03	3573.31
MW-9 (RW-2)	04/24/15	3605.75	--	32.51	--	3573.24
MW-9 (RW-2)	04/27/15	3605.75	--	32.58	--	3573.17
MW-9 (RW-2)	05/15/15	3605.75	32.55	32.58	0.03	3573.19
MW-9 (RW-2)	06/08/15	3605.75	32.51	32.55	0.04	3573.23
MW-9 (RW-2)	07/09/15	3605.75	32.44	32.48	0.04	3573.30
MW-9 (RW-2)	07/10/15	3605.75	--	32.52	--	3573.23
MW-9 (RW-2)	07/27/15	3605.75	32.43	32.45	0.02	3573.32

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btbc)	Depth to Water (ft-btbc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-9 (RW-2)	08/18/15	3605.75	32.41	32.43	0.02	3573.34
MW-9 (RW-2)	09/29/15	3605.75	32.41	32.42	0.01	3573.34
MW-9 (RW-2)	11/19/15	3605.75	32.21	32.24	0.03	3573.53
MW-9 (RW-2)	11/20/15	3605.75	--	32.26	--	3573.49
MW-9 (RW-2)	11/23/15	3605.75	--	32.23	--	3573.52
MW-9 (RW-2)	01/21/16	3605.75	--	32.00	--	3573.75
MW-9 (RW-2)	02/18/16	3605.75	31.95	31.96	0.01	3573.80
MW-9 (RW-2)	03/21/16	3605.75	31.97	31.99	0.02	3573.78
MW-9 (RW-2)	04/14/16	3605.75	32.01	32.02	0.01	3573.74
MW-9 (RW-2)	05/19/16	3605.75	32.14	32.17	0.03	3573.60
MW-9 (RW-2)	07/27/16	3605.75	32.50	32.54	0.04	3573.24
MW-9 (RW-2)	09/22/16	3605.75	31.94	31.95	0.01	3573.81
MW-9 (RW-2)	10/13/16	3605.75	30.87	32.22	1.35	3574.58
MW-9 (RW-2)	12/08/16	3605.75	--	31.45	--	3574.30
MW-9 (RW-2)	03/22/17	3605.75	--	36.72	--	3569.03
MW-9 (RW-2)	09/18/17	3605.75	30.74	30.75	0.01	3575.01
MW-9 (RW-2)	03/21/18	3605.75	--	30.95	--	3574.80
MW-9 (RW-2)	05/15/18	3605.75	--	31.25	--	3574.50
MW-9 (RW-2)	06/14/18	3605.75	--	31.13	--	3574.62
MW-9 (RW-2)	07/16/18	3605.75	--	31.31	--	3574.44
MW-9 (RW-2)	09/18/18	3605.75	--	31.49	--	3574.26
MW-9 (RW-2)	03/05/19	3605.75	--	31.61	--	3574.14
MW-9 (RW-2)	06/04/19	3605.75	--	31.75	--	3574.00
MW-9 (RW-2)	09/03/19	3605.75	--	31.94	--	3573.81
MW-9 (RW-2)	12/05/19	3605.75	32.11	32.12	0.01	3573.64
MW-9 (RW-2)	03/02/20	3605.75	32.08	32.81	0.73	3573.51
MW-9 (RW-2)	06/18/20	3605.75	32.14	33.23	1.09	3573.37
MW-9 (RW-2)	09/08/20	3605.75	32.31	33.52	1.21	3573.17
MW-9 (RW-2)	03/15/21	3605.75	32.77	34.40	1.63	3572.62
MW-9 (RW-2)	09/13/21	3605.75	33.28	NM	NM	NM
MW-9 (RW-2)	03/28/22	3605.75	33.33	NM	NM	NM
MW-9 (RW-2)	09/06/22	3605.75	33.78	NM	NM	NM
MW-9 (RW-2)	01/27/23	3606.75	--	DRY	--	DRY
MW-9 (RW-2)	02/09/23	3606.75	--	DRY	--	DRY
MW-9 (RW-2)	03/20/23	3605.75	--	34.21	--	3571.54
MW-9 (RW-2)	06/22/23	3605.75	--	DRY	--	DRY
MW-9 (RW-2)	09/19/23	3605.75	--	DRY	--	DRY
MW-9 (RW-2)	12/18/23	3605.25	--	29.76	--	3575.49
MW-10 (RW-6)	03/01/01	3604.94	23.53	25.57	2.04	3581.00
MW-10 (RW-6)	06/25/01	3604.94	23.75	25.95	2.20	3580.75
MW-10 (RW-6)	09/25/01	3604.94	--	24.47	--	3580.47
MW-10 (RW-6)	12/11/01	3604.94	24.27	26.31	2.04	3580.26
MW-10 (RW-6)	05/22/02	3604.94	25.00	25.50	0.50	3579.84
MW-10 (RW-6)	11/05/02	3604.94	25.33	28.84	3.51	3578.91
MW-10 (RW-6)	02/25/03	3604.94	25.26	28.41	3.15	3579.05
MW-10 (RW-6)	04/09/03	3604.94	25.48	28.15	2.67	3578.93
MW-10 (RW-6)	06/25/03	3604.94	25.96	27.73	1.77	3578.63
MW-10 (RW-6)	09/11/03	3604.94	26.34	28.36	2.02	3578.20
MW-10 (RW-6)	11/05/03	3604.94	26.20	28.17	1.97	3578.35
MW-10 (RW-6)	01/19/04	3604.94	26.30	28.36	2.06	3578.23
MW-10 (RW-6)	04/20/04	3604.94	26.53	28.49	1.96	3578.02
MW-10 (RW-6)	07/20/04	3604.94	26.72	28.03	1.31	3577.96
MW-10 (RW-6)	10/25/04	3604.94	25.24	26.36	1.12	3579.48
MW-10 (RW-6)	01/24/05	3604.94	24.14	24.57	0.43	3580.71
MW-10 (RW-6)	02/14/05	3604.94	23.99	24.96	0.97	3580.76
MW-10 (RW-6)	03/02/05	3604.94	24.00	24.64	0.64	3580.81
MW-10 (RW-6)	03/08/05	3604.94	23.97	24.61	0.64	3580.84
MW-10 (RW-6)	03/23/05	3604.94	23.91	24.58	0.67	3580.90
MW-10 (RW-6)	04/18/05	3604.94	23.77	24.47	0.70	3581.03
MW-10 (RW-6)	05/09/05	3604.94	23.82	24.51	0.69	3580.98
MW-10 (RW-6)	06/10/05	3604.94	23.81	24.50	0.69	3580.99
MW-10 (RW-6)	07/18/05	3604.94	23.90	24.51	0.61	3580.92

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btmc)	Depth to Water (ft-btmc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-10 (RW-6)	10/17/05	3604.94	23.89	24.32	0.43	3580.96
MW-10 (RW-6)	11/29/05	3604.94	24.08	24.22	0.14	3580.83
MW-10 (RW-6)	12/06/05	3604.94	24.08	24.37	0.29	3580.80
MW-10 (RW-6)	12/12/05	3604.94	24.11	24.44	0.33	3580.76
MW-10 (RW-6)	12/21/05	3604.94	24.11	24.46	0.35	3580.76
MW-10 (RW-6)	12/28/05	3604.94	24.12	24.49	0.37	3580.75
MW-10 (RW-6)	01/04/06	3604.94	24.11	24.47	0.36	3580.76
MW-10 (RW-6)	01/10/06	3604.94	24.12	24.49	0.37	3580.75
MW-10 (RW-6)	01/16/06	3604.94	24.02	24.48	0.46	3580.83
MW-10 (RW-6)	01/23/06	3604.94	23.99	24.42	0.43	3580.86
MW-10 (RW-6)	02/01/06	3604.94	24.12	24.44	0.32	3580.76
MW-10 (RW-6)	02/16/06	3604.94	24.24	24.52	0.28	3580.64
MW-10 (RW-6)	03/06/06	3604.94	24.33	24.62	0.29	3580.55
MW-10 (RW-6)	03/29/06	3604.94	24.42	24.72	0.30	3580.46
MW-10 (RW-6)	04/04/06	3604.94	24.45	24.73	0.28	3580.43
MW-10 (RW-6)	04/11/06	3604.94	24.49	24.76	0.27	3580.40
MW-10 (RW-6)	04/17/06	3604.94	24.53	24.77	0.24	3580.36
MW-10 (RW-6)	04/24/06	3604.94	24.47	24.66	0.19	3580.43
MW-10 (RW-6)	05/03/06	3604.94	24.62	24.66	0.04	3580.31
MW-10 (RW-6)	05/31/06	3604.94	24.76	24.80	0.04	3580.17
MW-10 (RW-6)	06/09/06	3604.94	24.80	24.84	0.04	3580.13
MW-10 (RW-6)	06/12/06	3604.94	24.81	24.85	0.04	3580.12
MW-10 (RW-6)	06/26/06	3604.94	24.88	24.96	0.08	3580.04
MW-10 (RW-6)	07/05/06	3604.94	24.93	25.02	0.09	3579.99
MW-10 (RW-6)	07/10/06	3604.94	24.95	25.04	0.09	3579.97
MW-10 (RW-6)	07/17/06	3604.94	24.97	25.06	0.09	3579.95
MW-10 (RW-6)	07/24/06	3604.94	24.87	24.99	0.12	3580.05
MW-10 (RW-6)	08/02/06	3604.94	25.06	25.14	0.08	3579.86
MW-10 (RW-6)	08/14/06	3604.94	25.07	25.08	0.01	3579.87
MW-10 (RW-6)	08/28/06	3604.94	25.14	25.27	0.13	3579.77
MW-10 (RW-6)	09/14/06	3604.94	25.05	25.16	0.11	3579.87
MW-10 (RW-6)	09/21/06	3604.94	25.02	25.08	0.06	3579.91
MW-10 (RW-6)	09/25/06	3604.94	25.03	25.08	0.05	3579.90
MW-10 (RW-6)	10/02/06	3604.94	24.98	25.02	0.04	3579.95
MW-10 (RW-6)	10/10/06	3604.94	24.98	25.01	0.03	3579.95
MW-10 (RW-6)	10/16/06	3604.94	24.97	25.01	0.04	3579.96
MW-10 (RW-6)	10/23/06	3604.94	24.75	24.80	0.05	3580.18
MW-10 (RW-6)	10/30/06	3604.94	24.92	24.96	0.04	3580.01
MW-10 (RW-6)	11/06/06	3604.94	24.93	24.97	0.04	3580.00
MW-10 (RW-6)	11/21/06	3604.94	24.91	24.97	0.06	3580.02
MW-10 (RW-6)	11/28/06	3604.94	24.92	24.96	0.04	3580.01
MW-10 (RW-6)	12/05/06	3604.94	24.91	24.96	0.05	3580.02
MW-10 (RW-6)	12/11/06	3604.94	24.89	24.94	0.05	3580.04
MW-10 (RW-6)	12/18/06	3604.94	24.89	24.98	0.09	3580.03
MW-10 (RW-6)	01/02/07	3604.94	24.97	25.07	0.10	3579.95
MW-10 (RW-6)	01/08/07	3604.94	25.01	25.09	0.08	3579.91
MW-10 (RW-6)	01/23/07	3604.94	24.77	24.82	0.05	3580.16
MW-10 (RW-6)	02/05/07	3604.94	25.08	25.20	0.12	3579.84
MW-10 (RW-6)	02/26/07	3604.94	25.14	25.29	0.15	3579.77
MW-10 (RW-6)	03/05/07	3604.94	25.18	25.32	0.14	3579.73
MW-10 (RW-6)	03/13/07	3604.94	25.20	25.33	0.13	3579.71
MW-10 (RW-6)	03/19/07	3604.94	25.24	25.37	0.13	3579.67
MW-10 (RW-6)	03/26/07	3604.94	25.24	25.36	0.12	3579.68
MW-10 (RW-6)	04/02/07	3604.94	25.27	25.40	0.13	3579.64
MW-10 (RW-6)	04/23/07	3604.94	25.09	25.23	0.14	3579.82
MW-10 (RW-6)	05/01/07	3604.94	25.36	25.47	0.11	3579.56
MW-10 (RW-6)	05/29/07	3604.94	25.42	25.53	0.11	3579.50
MW-10 (RW-6)	06/04/07	3604.94	25.43	25.52	0.09	3579.49
MW-10 (RW-6)	06/11/07	3604.94	25.44	25.52	0.08	3579.48
MW-10 (RW-6)	06/18/07	3604.94	25.43	25.52	0.09	3579.49
MW-10 (RW-6)	06/26/07	3604.94	25.18	25.24	0.06	3579.75
MW-10 (RW-6)	07/09/07	3604.94	25.20	25.26	0.06	3579.73
MW-10 (RW-6)	07/17/07	3604.94	25.23	25.28	0.05	3579.70

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-10 (RW-6)	07/23/07	3604.94	25.18	25.28	0.10	3579.74
MW-10 (RW-6)	07/30/07	3604.94	25.22	25.27	0.05	3579.71
MW-10 (RW-6)	08/07/07	3604.94	25.24	25.28	0.04	3579.69
MW-10 (RW-6)	08/20/07	3604.94	25.24	25.34	0.10	3579.68
MW-10 (RW-6)	08/27/07	3604.94	25.28	25.36	0.08	3579.64
MW-10 (RW-6)	09/04/07	3604.94	25.31	25.35	0.04	3579.62
MW-10 (RW-6)	09/10/07	3604.94	25.29	25.33	0.04	3579.64
MW-10 (RW-6)	09/25/07	3604.94	25.35	25.37	0.02	3579.59
MW-10 (RW-6)	10/02/07	3604.94	25.35	25.38	0.03	3579.58
MW-10 (RW-6)	10/11/07	3604.94	25.28	25.31	0.03	3579.65
MW-10 (RW-6)	10/22/07	3604.94	25.17	25.23	0.06	3579.76
MW-10 (RW-6)	10/31/07	3604.94	25.30	25.31	0.01	3579.64
MW-10 (RW-6)	11/12/07	3604.94	25.26	25.27	0.01	3579.68
MW-10 (RW-6)	11/19/07	3604.94	25.30	25.31	0.01	3579.64
MW-10 (RW-6)	12/05/07	3604.94	25.29	25.31	0.02	3579.65
MW-10 (RW-6)	12/10/07	3604.94	25.32	25.35	0.03	3579.61
MW-10 (RW-6)	12/20/07	3604.94	25.35	25.37	0.02	3579.59
MW-10 (RW-6)	01/02/08	3604.94	25.43	25.44	0.01	3579.51
MW-10 (RW-6)	01/07/08	3604.94	25.43	25.50	0.07	3579.50
MW-10 (RW-6)	01/28/08	3604.94	25.26	25.36	0.10	3579.66
MW-10 (RW-6)	02/12/08	3604.94	25.56	25.58	0.02	3579.38
MW-10 (RW-6)	02/26/08	3604.94	25.60	25.63	0.03	3579.33
MW-10 (RW-6)	04/21/08	3604.94	25.50	25.51	0.01	3579.44
MW-10 (RW-6)	04/28/08	3604.94	25.77	25.80	0.03	3579.16
MW-10 (RW-6)	05/20/08	3604.94	25.81	25.83	0.02	3579.13
MW-10 (RW-6)	06/02/08	3604.94	25.85	25.86	0.01	3579.09
MW-10 (RW-6)	06/09/08	3604.94	25.87	25.88	0.01	3579.07
MW-10 (RW-6)	06/16/08	3604.94	25.96	25.97	0.01	3578.98
MW-10 (RW-6)	06/30/08	3604.94	25.99	26.00	0.01	3578.95
MW-10 (RW-6)	07/14/08	3604.94	26.06	26.07	0.01	3578.88
MW-10 (RW-6)	07/21/08	3604.94	--	25.81	--	3579.13
MW-10 (RW-6)	08/06/08	3604.94	--	26.30	--	3578.64
MW-10 (RW-6)	08/18/08	3604.94	--	26.36	--	3578.58
MW-10 (RW-6)	09/09/08	3604.94	--	26.35	--	3578.59
MW-10 (RW-6)	09/15/08	3604.94	26.29	26.30	0.01	3578.65
MW-10 (RW-6)	09/22/08	3604.94	--	26.40	--	3578.54
MW-10 (RW-6)	09/29/08	3604.94	--	26.45	--	3578.49
MW-10 (RW-6)	10/07/08	3604.94	--	26.51	--	3578.43
MW-10 (RW-6)	10/20/08	3604.94	26.24	26.28	0.04	3578.69
MW-10 (RW-6)	10/28/08	3604.94	--	26.54	--	3578.40
MW-10 (RW-6)	11/10/08	3604.94	--	26.51	--	3578.43
MW-10 (RW-6)	11/24/08	3604.94	--	26.50	--	3578.44
MW-10 (RW-6)	12/01/08	3604.94	--	26.49	--	3578.45
MW-10 (RW-6)	12/08/08	3604.94	--	26.53	--	3578.41
MW-10 (RW-6)	12/24/08	3604.94	--	26.52	--	3578.42
MW-10 (RW-6)	12/29/08	3604.94	--	26.56	--	3578.38
MW-10 (RW-6)	01/06/09	3604.94	--	26.63	--	3578.31
MW-10 (RW-6)	01/14/09	3604.94	--	26.48	--	3578.46
MW-10 (RW-6)	01/19/09	3604.94	--	26.33	--	3578.61
MW-10 (RW-6)	01/26/09	3604.94	--	26.61	--	3578.33
MW-10 (RW-6)	02/10/09	3604.94	--	26.70	--	3578.24
MW-10 (RW-6)	02/26/09	3604.94	--	26.72	--	3578.22
MW-10 (RW-6)	03/02/09	3604.94	--	26.66	--	3578.28
MW-10 (RW-6)	03/09/09	3604.94	--	26.73	--	3578.21
MW-10 (RW-6)	03/16/09	3604.94	--	26.74	--	3578.20
MW-10 (RW-6)	03/24/09	3604.94	--	26.76	--	3578.18
MW-10 (RW-6)	03/30/09	3604.94	--	26.66	--	3578.28
MW-10 (RW-6)	04/06/09	3604.94	--	26.80	--	3578.14
MW-10 (RW-6)	04/14/09	3604.94	--	26.64	--	3578.30
MW-10 (RW-6)	04/20/09	3604.94	26.56	26.57	0.01	3578.38
MW-10 (RW-6)	04/28/09	3604.94	--	26.68	--	3578.26
MW-10 (RW-6)	05/11/09	3604.94	--	26.81	--	3578.13
MW-10 (RW-6)	05/26/09	3604.94	--	26.73	--	3578.21

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-10 (RW-6)	06/01/09	3604.94	--	26.86	--	3578.08
MW-10 (RW-6)	06/09/09	3604.94	--	26.70	--	3578.24
MW-10 (RW-6)	06/15/09	3604.94	--	26.90	--	3578.04
MW-10 (RW-6)	06/29/09	3604.94	--	26.78	--	3578.16
MW-10 (RW-6)	07/06/09	3604.94	--	26.80	--	3578.14
MW-10 (RW-6)	07/14/09	3604.94	--	26.98	--	3577.96
MW-10 (RW-6)	07/20/09	3604.94	--	26.84	--	3578.10
MW-10 (RW-6)	07/27/09	3604.94	--	26.87	--	3578.07
MW-10 (RW-6)	08/03/09	3604.94	--	27.02	--	3577.92
MW-10 (RW-6)	08/12/09	3604.94	--	27.05	--	3577.89
MW-10 (RW-6)	08/24/09	3604.94	--	26.95	--	3577.99
MW-10 (RW-6)	08/31/09	3604.94	--	27.05	--	3577.89
MW-10 (RW-6)	09/08/09	3604.94	--	26.92	--	3578.02
MW-10 (RW-6)	09/16/09	3604.94	--	27.04	--	3577.90
MW-10 (RW-6)	09/28/09	3604.94	--	26.88	--	3578.06
MW-10 (RW-6)	10/05/09	3604.94	--	27.07	--	3577.87
MW-10 (RW-6)	10/12/09	3604.94	--	27.06	--	3577.88
MW-10 (RW-6)	10/26/09	3604.94	26.99	27.00	0.01	3577.95
MW-10 (RW-6)	11/03/09	3604.94	--	26.93	--	3578.01
MW-10 (RW-6)	11/10/09	3604.94	--	27.08	--	3577.86
MW-10 (RW-6)	11/23/09	3604.94	--	27.03	--	3577.91
MW-10 (RW-6)	11/30/09	3604.94	--	27.17	--	3577.77
MW-10 (RW-6)	12/07/09	3604.94	--	27.08	--	3577.86
MW-10 (RW-6)	12/22/09	3604.94	--	27.24	--	3577.70
MW-10 (RW-6)	01/04/10	3604.94	--	27.14	--	3577.80
MW-10 (RW-6)	01/11/10	3604.94	--	27.30	--	3577.64
MW-10 (RW-6)	01/18/10	3604.94	--	27.12	--	3577.82
MW-10 (RW-6)	01/25/10	3604.94	--	27.21	--	3577.73
MW-10 (RW-6)	02/01/10	3604.94	--	27.29	--	3577.65
MW-10 (RW-6)	02/01/10	3604.94	--	27.34	--	3577.60
MW-10 (RW-6)	02/08/10	3604.94	--	27.25	--	3577.69
MW-10 (RW-6)	02/22/10	3604.94	--	27.44	--	3577.50
MW-10 (RW-6)	03/08/10	3604.94	--	27.46	--	3577.48
MW-10 (RW-6)	03/22/10	3604.94	--	27.50	--	3577.44
MW-10 (RW-6)	03/29/10	3604.94	--	27.35	--	3577.59
MW-10 (RW-6)	04/05/10	3604.94	--	27.53	--	3577.41
MW-10 (RW-6)	04/13/10	3604.94	--	27.36	--	3577.58
MW-10 (RW-6)	04/19/10	3604.94	--	27.57	--	3577.37
MW-10 (RW-6)	04/26/10	3604.94	--	27.39	--	3577.55
MW-10 (RW-6)	05/03/10	3604.94	--	27.72	--	3577.22
MW-10 (RW-6)	05/14/10	3604.94	--	27.75	--	3577.19
MW-10 (RW-6)	05/20/10	3604.94	--	27.62	--	3577.32
MW-10 (RW-6)	05/27/10	3604.94	--	27.23	--	3577.71
MW-10 (RW-6)	06/01/10	3604.94	--	27.67	--	3577.27
MW-10 (RW-6)	06/07/10	3604.94	--	27.57	--	3577.37
MW-10 (RW-6)	06/15/10	3604.94	--	27.81	--	3577.13
MW-10 (RW-6)	06/28/10	3604.94	--	27.60	--	3577.34
MW-10 (RW-6)	07/06/10	3604.94	--	27.45	--	3577.49
MW-10 (RW-6)	07/13/10	3604.94	--	27.41	--	3577.53
MW-10 (RW-6)	07/19/10	3604.94	--	27.49	--	3577.45
MW-10 (RW-6)	07/26/10	3604.94	--	27.15	--	3577.79
MW-10 (RW-6)	08/09/10	3604.94	--	27.32	--	3577.62
MW-10 (RW-6)	08/16/10	3604.94	--	27.23	--	3577.71
MW-10 (RW-6)	08/30/10	3604.94	--	27.24	--	3577.70
MW-10 (RW-6)	09/07/10	3604.94	--	27.13	--	3577.81
MW-10 (RW-6)	09/13/10	3604.94	--	27.19	--	3577.75
MW-10 (RW-6)	09/20/10	3604.94	--	27.07	--	3577.87
MW-10 (RW-6)	09/27/10	3604.94	--	27.18	--	3577.76
MW-10 (RW-6)	10/04/10	3604.94	--	27.09	--	3577.85
MW-10 (RW-6)	10/12/10	3604.94	--	27.20	--	3577.74
MW-10 (RW-6)	10/19/10	3604.94	--	27.09	--	3577.85
MW-10 (RW-6)	10/25/10	3604.94	26.91	26.92	0.01	3578.03
MW-10 (RW-6)	11/01/10	3604.94	--	27.17	--	3577.77

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-10 (RW-6)	11/09/10	3604.94	--	27.22	--	3577.72
MW-10 (RW-6)	11/22/10	3604.94	--	27.17	--	3577.77
MW-10 (RW-6)	12/06/10	3604.94	--	27.30	--	3577.64
MW-10 (RW-6)	12/13/10	3604.94	--	27.21	--	3577.73
MW-10 (RW-6)	01/04/11	3604.94	--	27.45	--	3577.49
MW-10 (RW-6)	01/10/11	3604.94	--	27.30	--	3577.64
MW-10 (RW-6)	01/17/11	3604.94	--	27.36	--	3577.58
MW-10 (RW-6)	01/24/11	3604.94	--	27.58	--	3577.36
MW-10 (RW-6)	01/31/11	3604.94	--	27.43	--	3577.51
MW-10 (RW-6)	02/07/11	3604.94	--	27.47	--	3577.47
MW-10 (RW-6)	02/14/11	3604.94	--	27.66	--	3577.28
MW-10 (RW-6)	03/01/11	3604.94	--	27.79	--	3577.15
MW-10 (RW-6)	03/07/11	3604.94	--	27.75	--	3577.19
MW-10 (RW-6)	03/21/11	3604.94	--	27.66	--	3577.28
MW-10 (RW-6)	03/28/11	3604.94	--	27.80	--	3577.14
MW-10 (RW-6)	04/18/11	3604.94	--	27.98	--	3576.96
MW-10 (RW-6)	10/10/11	3604.94	--	28.23	--	3576.71
MW-10 (RW-6)	05/30/12	3604.94	--	28.97	--	3575.97
MW-10 (RW-6)	01/17/13	3604.94	--	29.45	--	3575.49
MW-10 (RW-6)	01/24/13	3604.94	--	29.46	--	3575.48
MW-10 (RW-6)	01/31/13	3604.94	--	29.46	--	3575.48
MW-10 (RW-6)	02/07/13	3604.94	--	29.52	--	3575.42
MW-10 (RW-6)	02/14/13	3604.94	--	29.46	--	3575.48
MW-10 (RW-6)	02/27/13	3604.94	--	29.56	--	3575.38
MW-10 (RW-6)	03/07/13	3604.94	--	29.58	--	3575.36
MW-10 (RW-6)	03/14/13	3604.94	--	29.54	--	3575.40
MW-10 (RW-6)	03/19/13	3604.94	--	29.60	--	3575.34
MW-10 (RW-6)	04/05/13	3604.94	--	29.62	--	3575.32
MW-10 (RW-6)	04/10/13	3604.94	--	28.75	--	3576.19
MW-10 (RW-6)	04/18/13	3604.94	--	28.46	--	3576.48
MW-10 (RW-6)	04/25/13	3604.94	--	29.60	--	3575.34
MW-10 (RW-6)	05/02/13	3604.94	--	29.68	--	3575.26
MW-10 (RW-6)	05/09/13	3604.94	--	29.66	--	3575.28
MW-10 (RW-6)	05/13/13	3604.94	--	29.70	--	3575.24
MW-10 (RW-6)	05/23/13	3604.94	--	29.73	--	3575.21
MW-10 (RW-6)	05/30/13	3604.94	--	29.76	--	3575.18
MW-10 (RW-6)	06/07/13	3604.94	--	29.73	--	3575.21
MW-10 (RW-6)	06/13/13	3604.94	--	29.87	--	3575.07
MW-10 (RW-6)	06/27/13	3604.94	--	29.80	--	3575.14
MW-10 (RW-6)	07/02/13	3604.94	--	29.75	--	3575.19
MW-10 (RW-6)	07/11/13	3604.94	--	29.94	--	3575.00
MW-10 (RW-6)	07/23/13	3604.94	--	29.97	--	3574.97
MW-10 (RW-6)	08/22/13	3604.94	--	30.07	--	3574.87
MW-10 (RW-6)	09/19/13	3604.94	--	30.08	--	3574.86
MW-10 (RW-6)	10/03/13	3604.94	--	30.09	--	3574.85
MW-10 (RW-6)	10/31/13	3604.94	--	30.13	--	3574.81
MW-10 (RW-6)	11/14/13	3604.94	--	30.21	--	3574.73
MW-10 (RW-6)	11/27/13	3604.94	--	30.25	--	3574.69
MW-10 (RW-6)	12/11/13	3604.94	--	30.23	--	3574.71
MW-10 (RW-6)	12/24/13	3604.94	--	30.28	--	3574.66
MW-10 (RW-6)	01/08/14	3604.94	--	30.25	--	3574.69
MW-10 (RW-6)	03/10/14	3604.94	--	30.43	--	3574.51
MW-10 (RW-6)	03/25/14	3604.94	--	30.47	--	3574.47
MW-10 (RW-6)	04/02/14	3604.94	--	30.49	--	3574.45
MW-10 (RW-6)	04/16/14	3604.94	--	30.55	--	3574.39
MW-10 (RW-6)	04/28/14	3604.94	--	30.55	--	3574.39
MW-10 (RW-6)	05/15/14	3604.94	--	30.60	--	3574.34
MW-10 (RW-6)	05/28/14	3604.94	--	30.64	--	3574.30
MW-10 (RW-6)	06/09/14	3604.94	--	30.68	--	3574.26
MW-10 (RW-6)	07/29/14	3604.94	--	30.82	--	3574.12
MW-10 (RW-6)	08/06/14	3604.94	--	30.86	--	3574.08
MW-10 (RW-6)	08/19/14	3604.94	--	30.88	--	3574.06
MW-10 (RW-6)	09/03/14	3604.94	--	DRY	--	DRY

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-10 (RW-6)	10/01/14	3604.94	--	30.80	--	3574.14
MW-10 (RW-6)	10/30/14	3604.94	--	30.77	--	3574.17
MW-10 (RW-6)	11/24/14	3604.94	--	30.64	--	3574.30
MW-10 (RW-6)	12/10/14	3604.94	--	30.61	--	3574.33
MW-10 (RW-6)	01/08/15	3604.94	--	30.53	--	3574.41
MW-10 (RW-6)	01/20/15	3604.94	--	30.52	--	3574.42
MW-10 (RW-6)	02/25/15	3604.94	--	30.54	--	3574.40
MW-10 (RW-6)	03/10/15	3604.94	--	30.55	--	3574.39
MW-10 (RW-6)	04/24/15	3604.94	--	30.72	--	3574.22
MW-10 (RW-6)	05/15/15	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	06/08/15	3604.94	30.70	30.71	0.01	3574.24
MW-10 (RW-6)	07/27/15	3604.94	--	30.65	--	3574.29
MW-10 (RW-6)	08/18/15	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	08/19/15	3604.94	--	30.41	--	3574.53
MW-10 (RW-6)	09/29/15	3604.94	--	30.63	--	3574.31
MW-10 (RW-6)	01/21/16	3604.94	--	30.20	--	3574.74
MW-10 (RW-6)	02/18/16	3604.94	--	30.22	--	3574.72
MW-10 (RW-6)	03/21/16	3604.94	--	30.26	--	3574.68
MW-10 (RW-6)	04/14/16	3604.94	--	30.21	--	3574.73
MW-10 (RW-6)	05/19/16	3604.94	--	30.33	--	3574.61
MW-10 (RW-6)	07/27/16	3604.94	--	30.68	--	3574.26
MW-10 (RW-6)	09/22/16	3604.94	--	30.35	--	3574.59
MW-10 (RW-6)	10/13/16	3604.94	--	29.32	--	3575.62
MW-10 (RW-6)	12/08/16	3604.94	--	29.70	--	3575.24
MW-10 (RW-6)	03/22/17	3604.94	--	29.50	--	3575.44
MW-10 (RW-6)	09/18/17	3604.94	--	29.93	--	3575.01
MW-10 (RW-6)	03/21/18	3604.94	--	30.16	--	3574.78
MW-10 (RW-6)	05/15/18	3604.94	--	30.45	--	3574.49
MW-10 (RW-6)	06/14/18	3604.94	--	30.88	--	3574.06
MW-10 (RW-6)	09/18/18	3604.94	--	30.85	--	3574.09
MW-10 (RW-6)	03/05/19	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	06/04/19	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	09/03/19	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	12/05/19	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	03/02/20	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	06/18/20	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	09/08/20	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	03/15/21	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	09/13/21	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	03/28/22	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	09/06/22	3604.94	--	30.62	--	3574.32
MW-10 (RW-6)	03/20/23	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	06/22/23	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	09/19/23	3604.94	--	DRY	--	DRY
MW-10 (RW-6)	12/18/23	3604.94	--	DRY	--	DRY
MW-11 (RW-7)	03/01/01	3608.06	--	27.09	--	3580.97
MW-11 (RW-7)	06/25/01	3608.06	--	27.30	--	3580.76
MW-11 (RW-7)	09/25/01	3608.06	27.51	28.26	0.75	3580.40
MW-11 (RW-7)	12/11/01	3608.06	27.50	28.36	0.86	3580.39
MW-11 (RW-7)	05/21/02	3608.06	27.60	29.67	2.07	3580.05
MW-11 (RW-7)	06/16/02	3608.06	28.48	30.95	2.47	3579.09
MW-11 (RW-7)	10/25/02	3608.06	27.90	30.73	2.83	3579.59
MW-11 (RW-7)	11/04/02	3608.06	27.95	30.81	2.86	3579.54
MW-11 (RW-7)	11/05/02	3608.06	27.92	30.97	3.05	3579.53
MW-11 (RW-7)	11/05/02	3608.06	29.83	30.57	0.74	3578.08
MW-11 (RW-7)	02/24/03	3608.06	28.97	30.96	1.99	3578.69
MW-11 (RW-7)	02/25/03	3608.06	28.71	30.90	2.19	3578.91
MW-11 (RW-7)	04/09/03	3608.06	28.97	30.96	1.99	3578.69
MW-11 (RW-7)	09/11/03	3608.06	29.06	30.74	1.68	3578.66
MW-11 (RW-7)	11/05/03	3608.06	29.82	31.25	1.43	3577.95
MW-11 (RW-7)	01/19/04	3608.06	30.23	30.94	0.71	3577.69
MW-11 (RW-7)	04/20/04	3608.06	30.48	30.53	0.05	3577.57

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-11 (RW-7)	07/20/04	3608.06	30.33	31.16	0.83	3577.56
MW-11 (RW-7)	10/25/04	3608.06	--	29.10	--	3578.96
MW-11 (RW-7)	01/24/05	3608.06	28.03	28.04	0.01	3580.03
MW-11 (RW-7)	04/18/05	3608.06	27.73	27.75	0.02	3580.33
MW-11 (RW-7)	07/18/05	3608.06	27.99	28.00	0.01	3580.07
MW-11 (RW-7)	10/17/05	3608.06	27.89	27.90	0.01	3580.17
MW-11 (RW-7)	12/28/05	3608.06	28.04	28.06	0.02	3580.02
MW-11 (RW-7)	01/10/06	3608.06	28.09	28.10	0.01	3579.97
MW-11 (RW-7)	01/23/06	3608.06	28.03	28.05	0.02	3580.03
MW-11 (RW-7)	04/24/06	3608.06	28.40	28.44	0.04	3579.65
MW-11 (RW-7)	07/24/06	3608.06	28.75	28.90	0.15	3579.28
MW-11 (RW-7)	10/23/06	3608.06	28.65	28.74	0.09	3579.39
MW-11 (RW-7)	01/23/07	3608.06	28.74	28.75	0.01	3579.32
MW-11 (RW-7)	04/23/07	3608.06	28.99	29.11	0.12	3579.05
MW-11 (RW-7)	07/23/07	3608.06	29.13	29.16	0.03	3578.92
MW-11 (RW-7)	10/22/07	3608.06	29.16	29.18	0.02	3578.90
MW-11 (RW-7)	01/28/08	3608.06	29.20	29.22	0.02	3578.86
MW-11 (RW-7)	04/21/08	3608.06	--	29.44	--	3578.62
MW-11 (RW-7)	07/21/08	3608.06	--	29.73	--	3578.33
MW-11 (RW-7)	10/20/08	3608.06	--	29.95	--	3578.11
MW-11 (RW-7)	01/19/09	3608.06	--	30.04	--	3578.02
MW-11 (RW-7)	04/20/09	3608.06	30.38	30.39	0.01	3577.68
MW-11 (RW-7)	07/27/09	3608.06	--	30.64	--	3577.42
MW-11 (RW-7)	10/26/09	3608.06	--	30.77	--	3577.29
MW-11 (RW-7)	01/25/10	3608.06	--	31.00	--	3577.06
MW-11 (RW-7)	04/26/10	3608.06	--	31.16	--	3576.90
MW-11 (RW-7)	07/26/10	3608.06	--	30.95	--	3577.11
MW-11 (RW-7)	10/25/10	3608.06	--	30.76	--	3577.30
MW-11 (RW-7)	01/24/11	3608.06	--	31.36	--	3576.70
MW-11 (RW-7)	04/18/11	3608.06	--	31.35	--	3576.71
MW-11 (RW-7)	10/10/11	3608.06	--	31.86	--	3576.20
MW-11 (RW-7)	05/30/12	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	02/27/13	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	07/23/13	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/25/14	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	07/29/14	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/10/15	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	07/27/15	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/21/16	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/22/16	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/22/17	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/18/17	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/21/18	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	05/15/18	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	06/14/18	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/18/18	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/05/19	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	06/04/19	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/03/19	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	12/05/19	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/02/20	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	06/18/20	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/08/20	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/15/21	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/13/21	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/28/22	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/06/22	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	03/20/23	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	06/22/23	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	09/19/23	3608.06	--	DRY	--	DRY
MW-11 (RW-7)	12/18/23	3608.06	--	DRY	--	DRY

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-12 (SVE-9)	03/01/01	3604.40	--	23.87	--	3580.53
MW-12 (SVE-9)	06/25/01	3604.40	--	24.14	--	3580.26
MW-12 (SVE-9)	09/25/01	3604.40	--	24.38	--	3580.02
MW-12 (SVE-9)	12/11/01	3604.40	--	24.62	--	3579.78
MW-12 (SVE-9)	05/21/02	3604.40	--	24.96	--	3579.44
MW-12 (SVE-9)	06/08/02	3604.40	--	25.64	--	3578.76
MW-12 (SVE-9)	06/15/02	3604.40	--	25.64	--	3578.76
MW-12 (SVE-9)	10/25/02	3604.14	--	25.83	--	3578.31
MW-12 (SVE-9)	10/26/02	3604.14	--	25.84	--	3578.30
MW-12 (SVE-9)	11/04/02	3604.14	--	25.66	--	3578.48
MW-12 (SVE-9)	11/05/02	3604.14	--	25.54	--	3578.60
MW-12 (SVE-9)	12/16/02	3604.14	--	25.52	--	3578.62
MW-12 (SVE-9)	01/22/03	3604.14	--	25.50	--	3578.64
MW-12 (SVE-9)	04/24/03	3604.14	--	25.58	--	3578.56
MW-12 (SVE-9)	09/11/03	3604.14	--	26.08	--	3578.06
MW-12 (SVE-9)	10/15/03	3604.14	--	26.33	--	3577.81
MW-12 (SVE-9)	01/19/04	3604.14	--	26.68	--	3577.46
MW-12 (SVE-9)	04/19/04	3604.14	--	26.57	--	3577.57
MW-12 (SVE-9)	07/20/04	3604.14	--	26.72	--	3577.42
MW-12 (SVE-9)	10/25/04	3604.14	--	25.07	--	3579.07
MW-12 (SVE-9)	01/24/05	3604.14	--	23.85	--	3580.29
MW-12 (SVE-9)	04/18/05	3604.14	--	23.55	--	3580.59
MW-12 (SVE-9)	07/18/05	3604.14	--	23.71	--	3580.43
MW-12 (SVE-9)	10/17/05	3604.14	--	23.65	--	3580.49
MW-12 (SVE-9)	01/10/06	3604.14	--	23.86	--	3580.28
MW-12 (SVE-9)	01/23/06	3604.14	--	23.89	--	3580.25
MW-12 (SVE-9)	04/24/06	3604.14	--	24.31	--	3579.83
MW-12 (SVE-9)	07/24/06	3604.14	--	24.70	--	3579.44
MW-12 (SVE-9)	10/23/06	3604.14	--	24.55	--	3579.59
MW-12 (SVE-9)	01/23/07	3604.14	--	24.60	--	3579.54
MW-12 (SVE-9)	04/23/07	3604.14	--	24.92	--	3579.22
MW-12 (SVE-9)	07/23/07	3604.14	--	25.02	--	3579.12
MW-12 (SVE-9)	10/22/07	3604.14	--	24.98	--	3579.16
MW-12 (SVE-9)	01/28/08	3604.14	--	25.09	--	3579.05
MW-12 (SVE-9)	04/21/08	3604.14	--	25.36	--	3578.78
MW-12 (SVE-9)	07/21/08	3604.14	--	25.70	--	3578.44
MW-12 (SVE-9)	10/20/08	3604.14	--	25.94	--	3578.20
MW-12 (SVE-9)	01/19/09	3604.14	--	26.00	--	3578.14
MW-12 (SVE-9)	04/20/09	3604.14	--	26.28	--	3577.86
MW-12 (SVE-9)	07/27/09	3604.14	--	26.60	--	3577.54
MW-12 (SVE-9)	10/26/09	3604.14	--	26.61	--	3577.53
MW-12 (SVE-9)	01/25/10	3604.14	--	26.59	--	3577.55
MW-12 (SVE-9)	04/26/10	3604.14	--	27.02	--	3577.12
MW-12 (SVE-9)	07/26/10	3604.14	--	26.76	--	3577.38
MW-12 (SVE-9)	10/25/10	3604.14	--	26.51	--	3577.63
MW-12 (SVE-9)	01/24/11	3604.14	--	26.94	--	3577.20
MW-12 (SVE-9)	04/18/11	3604.14	--	27.35	--	3576.79
MW-12 (SVE-9)	10/10/11	3604.14	--	27.89	--	3576.25
MW-12 (SVE-9)	05/30/12	3604.14	--	28.63	--	3575.51
MW-12 (SVE-9)	02/27/13	3604.14	--	29.26	--	3574.88
MW-12 (SVE-9)	07/23/13	3604.14	--	29.69	--	3574.45
MW-12 (SVE-9)	03/25/14	3604.14	--	30.13	--	3574.01
MW-12 (SVE-9)	07/29/14	3604.14	--	30.51	--	3573.63
MW-12 (SVE-9)	03/10/15	3604.14	--	30.17	--	3573.97
MW-12 (SVE-9)	07/27/15	3604.14	--	30.27	--	3573.87
MW-12 (SVE-9)	03/21/16	3604.14	--	29.73	--	3574.41
MW-12 (SVE-9)	09/22/16	3604.14	--	30.01	--	3574.13
MW-12 (SVE-9)	03/22/17	3604.14	--	29.52	--	3574.62
MW-12 (SVE-9)	09/18/17	3604.14	--	29.62	--	3574.52
MW-12 (SVE-9)	03/21/18	3604.14	--	29.78	--	3574.36
MW-12 (SVE-9)	05/15/18	3604.14	--	30.09	--	3574.05
MW-12 (SVE-9)	06/14/18	3604.14	--	30.11	--	3574.03
MW-12 (SVE-9)	07/16/18	3604.14	--	30.30	--	3573.84

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-12 (SVE-9)	09/18/18	3604.14	--	30.47	--	3573.67
MW-12 (SVE-9)	03/05/19	3604.14	--	30.60	--	3573.54
MW-12 (SVE-9)	06/04/19	3604.14	--	30.74	--	3573.40
MW-12 (SVE-9)	09/03/19	3604.14	--	30.97	--	3573.17
MW-12 (SVE-9)	12/05/19	3604.14	--	31.12	--	3573.02
MW-12 (SVE-9)	03/02/20	3604.14	--	31.24	--	3572.90
MW-12 (SVE-9)	06/18/20	3604.14	--	31.41	--	3572.73
MW-12 (SVE-9)	09/08/20	3604.14	--	31.60	--	3572.54
MW-12 (SVE-9)	03/15/21	3604.14	--	32.19	--	3571.95
MW-12 (SVE-9)	09/13/21	3604.14	--	32.74	--	3571.40
MW-12 (SVE-9)	03/28/22	3604.14	--	32.79	--	3571.35
MW-12 (SVE-9)	09/06/22	3604.14	--	DRY	--	DRY
MW-12 (SVE-9)	03/20/23	3604.14	--	DRY	--	DRY
MW-12 (SVE-9)	06/22/23	3604.14	--	DRY	--	DRY
MW-12 (SVE-9)	09/19/23	3604.14	--	DRY	--	DRY
MW-12 (SVE-9)	12/18/23	3604.14	--	DRY	--	DRY
MW-13	03/01/01	3604.31	--	24.70	--	3579.61
MW-13	06/25/01	3604.31	--	24.95	--	3579.36
MW-13	09/25/01	3604.31	--	25.23	--	3579.08
MW-13	12/11/01	3604.31	--	25.48	--	3578.83
MW-13	05/21/02	3604.31	--	25.79	--	3578.52
MW-13	06/15/02	3604.31	--	25.85	--	3578.46
MW-13	09/20/02	3604.31	--	25.97	--	3578.34
MW-13	10/15/02	3604.31	--	26.11	--	3578.20
MW-13	10/22/02	3604.31	--	26.11	--	3578.20
MW-13	10/25/02	3604.31	--	26.13	--	3578.18
MW-13	10/26/02	3604.31	--	26.12	--	3578.19
MW-13	11/04/02	3604.31	--	26.05	--	3578.26
MW-13	11/05/02	3604.31	--	26.06	--	3578.25
MW-13	11/22/02	3604.31	--	26.01	--	3578.30
MW-13	11/29/02	3604.31	--	25.95	--	3578.36
MW-13	01/22/03	3604.31	--	25.88	--	3578.43
MW-13	02/14/03	3604.31	--	25.93	--	3578.38
MW-13	02/24/03	3604.31	--	25.96	--	3578.35
MW-13	04/24/03	3604.31	--	26.14	--	3578.17
MW-13	07/15/03	3604.31	--	26.40	--	3577.91
MW-13	09/11/03	3604.31	--	26.55	--	3577.76
MW-13	10/15/03	3604.31	--	26.71	--	3577.60
MW-13	01/19/04	3604.31	--	26.98	--	3577.33
MW-13	04/19/04	3604.31	--	26.95	--	3577.36
MW-13	07/20/04	3604.31	--	26.81	--	3577.50
MW-13	10/25/04	3604.31	--	24.95	--	3579.36
MW-13	01/24/05	3604.31	--	23.64	--	3580.67
MW-13	04/18/05	3604.31	--	23.46	--	3580.85
MW-13	07/18/05	3604.31	--	23.78	--	3580.53
MW-13	10/17/05	3604.31	--	23.72	--	3580.59
MW-13	01/23/06	3604.31	--	24.02	--	3580.29
MW-13	04/24/06	3604.31	--	24.50	--	3579.81
MW-13	07/24/06	3604.31	--	24.93	--	3579.38
MW-13	10/23/06	3604.31	--	24.66	--	3579.65
MW-13	01/23/07	3604.31	--	24.76	--	3579.55
MW-13	04/23/07	3604.31	--	25.12	--	3579.19
MW-13	07/23/07	3604.31	--	25.16	--	3579.15
MW-13	10/22/07	3604.31	--	25.04	--	3579.27
MW-13	01/28/08	3604.31	--	25.25	--	3579.06
MW-13	04/21/08	3604.31	--	25.60	--	3578.71
MW-13	07/21/08	3604.31	--	26.02	--	3578.29
MW-13	10/20/08	3604.31	--	26.19	--	3578.12
MW-13	01/19/09	3604.31	--	26.26	--	3578.05
MW-13	04/20/09	3604.31	--	26.60	--	3577.71
MW-13	07/27/09	3604.31	--	26.92	--	3577.39
MW-13	10/26/09	3604.31	--	26.91	--	3577.40

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-13	01/25/10	3604.31	--	27.19	--	3577.12
MW-13	04/26/10	3604.31	--	27.35	--	3576.96
MW-13	07/26/10	3604.31	--	27.07	--	3577.24
MW-13	10/25/10	3604.31	--	26.72	--	3577.59
MW-13	01/24/11	3604.31	--	27.21	--	3577.10
MW-13	04/18/11	3604.31	--	27.58	--	3576.73
MW-13	10/10/11	3604.31	--	28.19	--	3576.12
MW-13	05/30/12	3604.31	--	29.00	--	3575.31
MW-13	02/27/13	3604.31	--	29.56	--	3574.75
MW-13	07/23/13	3604.31	--	30.01	--	3574.30
MW-13	03/25/14	3604.31	--	30.42	--	3573.89
MW-13	07/29/14	3604.31	--	30.87	--	3573.44
MW-13	03/10/15	3604.31	--	30.33	--	3573.98
MW-13	07/27/15	3604.31	--	30.31	--	3574.00
MW-13	03/21/16	3604.31	--	29.80	--	3574.51
MW-13	09/22/16	3604.31	--	30.23	--	3574.08
MW-13	03/22/17	3604.31	--	29.50	--	3574.81
MW-13	09/18/17	3604.31	--	30.76	--	3573.55
MW-13	03/21/18	3604.31	--	30.02	--	3574.29
MW-13	06/14/18	3604.31	--	31.40	--	3572.91
MW-13	07/16/18	3604.31	--	30.62	--	3573.69
MW-13	09/18/18	3604.31	--	30.75	--	3573.56
MW-13	03/05/19	3604.31	--	30.82	--	3573.49
MW-13	06/04/19	3604.31	--	31.02	--	3573.29
MW-13	09/03/19	3604.31	--	31.29	--	3573.02
MW-13	12/05/19	3604.31	--	31.36	--	3572.95
MW-13	03/02/20	3604.31	--	31.56	--	3572.75
MW-13	06/18/20	3604.31	--	31.78	--	3572.53
MW-13	09/08/20	3604.31	--	DRY	--	DRY
MW-13	03/15/21	3604.31	--	DRY	--	DRY
MW-13	09/13/21	3604.31	--	DRY	--	DRY
MW-13	03/28/22	3604.31	--	DRY	--	DRY
MW-13	09/06/22	3604.31	--	DRY	--	DRY
MW-13	03/21/23	3604.31	--	DRY	--	DRY
MW-13	06/22/23	3604.31	--	DRY	--	DRY
MW-13	09/19/23	3604.31	--	DRY	--	DRY
MW-13	12/18/23	3604.31	--	DRY	--	DRY
MW-14 (SVE-11)	03/01/01	3604.11	--	23.96	--	3580.15
MW-14 (SVE-11)	06/25/01	3604.11	--	24.14	--	3579.97
MW-14 (SVE-11)	09/25/01	3604.11	--	24.45	--	3579.66
MW-14 (SVE-11)	12/11/01	3604.11	--	24.63	--	3579.48
MW-14 (SVE-11)	05/21/02	3604.11	--	25.00	--	3579.11
MW-14 (SVE-11)	06/15/02	3604.11	--	25.08	--	3579.03
MW-14 (SVE-11)	10/15/02	3603.77	--	25.82	--	3577.95
MW-14 (SVE-11)	01/22/03	3603.77	--	25.90	--	3577.87
MW-14 (SVE-11)	04/24/03	3603.77	--	25.92	--	3577.85
MW-14 (SVE-11)	07/15/03	3603.77	--	26.11	--	3577.66
MW-14 (SVE-11)	09/11/03	3603.77	--	26.26	--	3577.51
MW-14 (SVE-11)	10/15/03	3603.77	--	26.41	--	3577.36
MW-14 (SVE-11)	01/19/04	3603.77	--	26.68	--	3577.09
MW-14 (SVE-11)	04/19/04	3603.77	--	26.61	--	3577.16
MW-14 (SVE-11)	07/20/04	3603.77	--	26.75	--	3577.02
MW-14 (SVE-11)	10/25/04	3603.77	--	24.81	--	3578.96
MW-14 (SVE-11)	01/24/05	3603.77	--	23.76	--	3580.01
MW-14 (SVE-11)	04/18/05	3603.77	--	23.58	--	3580.19
MW-14 (SVE-11)	07/18/05	3603.77	--	23.83	--	3579.94
MW-14 (SVE-11)	10/17/05	3603.77	--	23.77	--	3580.00
MW-14 (SVE-11)	01/23/06	3603.77	--	24.03	--	3579.74
MW-14 (SVE-11)	04/24/06	3603.77	--	24.41	--	3579.36
MW-14 (SVE-11)	07/24/06	3603.77	--	24.80	--	3578.97
MW-14 (SVE-11)	10/23/06	3603.77	--	24.70	--	3579.07
MW-14 (SVE-11)	01/23/07	3603.77	--	24.79	--	3578.98

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-14 (SVE-11)	04/23/07	3603.77	--	25.06	--	3578.71
MW-14 (SVE-11)	07/23/07	3603.77	--	25.19	--	3578.58
MW-14 (SVE-11)	10/22/07	3603.77	--	25.20	--	3578.57
MW-14 (SVE-11)	01/28/08	3603.77	--	25.30	--	3578.47
MW-14 (SVE-11)	04/21/08	3603.77	--	25.53	--	3578.24
MW-14 (SVE-11)	07/21/08	3603.77	--	25.83	--	3577.94
MW-14 (SVE-11)	10/20/08	3603.77	--	26.07	--	3577.70
MW-14 (SVE-11)	01/19/09	3603.77	--	26.15	--	3577.62
MW-14 (SVE-11)	04/20/09	3603.77	--	26.37	--	3577.40
MW-14 (SVE-11)	07/27/09	3603.77	--	26.65	--	3577.12
MW-14 (SVE-11)	10/26/09	3603.77	--	26.75	--	3577.02
MW-14 (SVE-11)	01/25/10	3603.77	--	26.97	--	3576.80
MW-14 (SVE-11)	04/26/10	3603.77	--	27.14	--	3576.63
MW-14 (SVE-11)	07/26/10	3603.77	--	26.78	--	3576.99
MW-14 (SVE-11)	10/25/10	3603.77	--	26.64	--	3577.13
MW-14 (SVE-11)	01/24/11	3603.77	--	27.03	--	3576.74
MW-14 (SVE-11)	04/18/11	3603.77	--	27.36	--	3576.41
MW-14 (SVE-11)	10/10/11	3603.77	--	27.87	--	3575.90
MW-14 (SVE-11)	05/30/12	3603.77	--	28.55	--	3575.22
MW-14 (SVE-11)	02/27/13	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	07/23/13	3603.77	--	29.51	--	3574.26
MW-14 (SVE-11)	03/25/14	3603.77	--	30.02	--	3573.75
MW-14 (SVE-11)	07/29/14	3603.77	--	30.34	--	3573.43
MW-14 (SVE-11)	03/10/15	3603.77	--	30.15	--	3573.62
MW-14 (SVE-11)	07/27/15	3603.77	--	30.30	--	3573.47
MW-14 (SVE-11)	03/21/16	3603.77	--	29.80	--	3573.97
MW-14 (SVE-11)	09/22/16	3603.77	--	29.61	--	3574.16
MW-14 (SVE-11)	03/22/17	3603.77	--	29.28	--	3574.49
MW-14 (SVE-11)	09/18/17	3603.77	--	29.73	--	3574.04
MW-14 (SVE-11)	03/21/18	3603.77	--	29.88	--	3573.89
MW-14 (SVE-11)	06/14/18	3603.77	--	30.83	--	3572.94
MW-14 (SVE-11)	09/18/18	3603.77	--	30.49	--	3573.28
MW-14 (SVE-11)	03/05/19	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	06/04/19	3603.77	--	30.74	--	3573.03
MW-14 (SVE-11)	09/03/19	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	12/05/19	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	03/02/20	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	06/18/20	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	09/08/20	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	03/15/21	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	09/13/21	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	03/28/22	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	09/06/22	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	03/20/23	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	06/22/23	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	09/19/23	3603.77	--	DRY	--	DRY
MW-14 (SVE-11)	12/18/23	3603.77	--	DRY	--	DRY
MW-15 (SVE-12)	03/01/01	3609.78	28.20	28.26	0.06	3581.57
MW-15 (SVE-12)	06/25/01	3609.78	28.24	28.90	0.66	3581.41
MW-15 (SVE-12)	09/25/01	3609.78	NM	NM	NM	NM
MW-15 (SVE-12)	12/11/01	3609.78	NM	NM	NM	NM
MW-15 (SVE-12)	05/21/02	3609.78	28.98	29.77	0.79	3580.64
MW-15 (SVE-12)	06/08/02	3609.78	29.05	29.85	0.80	3580.57
MW-15 (SVE-12)	06/15/02	3609.23	29.65	30.42	0.77	3579.43
MW-15 (SVE-12)	10/25/02	3609.23	29.67	30.57	0.90	3579.38
MW-15 (SVE-12)	11/04/02	3609.23	29.80	30.62	0.82	3579.27
MW-15 (SVE-12)	11/05/02	3609.23	29.81	30.57	0.76	3579.27
MW-15 (SVE-12)	11/22/02	3609.23	29.81	30.59	0.78	3579.26
MW-15 (SVE-12)	11/29/02	3609.23	29.70	30.59	0.89	3579.35
MW-15 (SVE-12)	02/08/03	3609.23	30.10	30.44	0.34	3579.06
MW-15 (SVE-12)	02/24/03	3609.23	30.09	30.51	0.42	3579.06
MW-15 (SVE-12)	02/25/03	3609.23	30.09	30.51	0.42	3579.06

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-15 (SVE-12)	04/07/03	3609.23	30.21	30.50	0.29	3578.96
MW-15 (SVE-12)	04/09/03	3609.23	30.21	30.50	0.29	3578.96
MW-15 (SVE-12)	04/22/03	3609.23	30.27	30.49	0.22	3578.92
MW-15 (SVE-12)	04/24/03	3609.23	30.24	30.44	0.20	3578.95
MW-15 (SVE-12)	06/25/03	3609.23	30.34	30.55	0.21	3578.85
MW-15 (SVE-12)	09/11/03	3609.23	30.52	30.79	0.27	3578.66
MW-15 (SVE-12)	11/05/03	3609.23	30.67	30.94	0.27	3578.51
MW-15 (SVE-12)	01/19/04	3609.23	30.87	31.11	0.24	3578.31
MW-15 (SVE-12)	04/19/04	3609.23	31.03	31.09	0.06	3578.19
MW-15 (SVE-12)	07/20/04	3609.23	31.10	31.32	0.22	3578.09
MW-15 (SVE-12)	10/25/04	3609.23	--	29.94	--	3579.29
MW-15 (SVE-12)	01/24/05	3609.23	--	28.72	--	3580.51
MW-15 (SVE-12)	04/18/05	3609.23	--	28.40	--	3580.83
MW-15 (SVE-12)	07/18/05	3609.23	--	28.39	--	3580.84
MW-15 (SVE-12)	10/17/05	3609.23	--	28.29	--	3580.94
MW-15 (SVE-12)	01/23/06	3609.23	--	28.44	--	3580.79
MW-15 (SVE-12)	04/24/06	3609.23	--	28.72	--	3580.51
MW-15 (SVE-12)	07/24/06	3609.23	--	29.12	--	3580.11
MW-15 (SVE-12)	10/23/06	3609.23	--	29.05	--	3580.18
MW-15 (SVE-12)	01/23/07	3609.23	--	29.12	--	3580.11
MW-15 (SVE-12)	04/23/07	3609.23	--	29.36	--	3579.87
MW-15 (SVE-12)	07/23/07	3609.23	--	29.53	--	3579.70
MW-15 (SVE-12)	10/22/07	3609.23	--	29.61	--	3579.62
MW-15 (SVE-12)	01/28/08	3609.23	--	29.65	--	3579.58
MW-15 (SVE-12)	04/21/08	3609.23	--	29.84	--	3579.39
MW-15 (SVE-12)	07/21/08	3609.23	--	30.08	--	3579.15
MW-15 (SVE-12)	10/20/08	3609.23	--	30.30	--	3578.93
MW-15 (SVE-12)	01/19/09	3609.23	--	30.49	--	3578.74
MW-15 (SVE-12)	04/20/09	3609.23	--	30.70	--	3578.53
MW-15 (SVE-12)	07/27/09	3609.23	--	30.94	--	3578.29
MW-15 (SVE-12)	10/26/09	3609.23	--	31.13	--	3578.10
MW-15 (SVE-12)	01/25/10	3609.23	--	31.31	--	3577.92
MW-15 (SVE-12)	04/26/10	3609.23	--	31.50	--	3577.73
MW-15 (SVE-12)	07/26/10	3609.23	--	31.29	--	3577.94
MW-15 (SVE-12)	10/25/10	3609.23	--	31.18	--	3578.05
MW-15 (SVE-12)	01/24/11	3609.23	--	31.45	--	3577.78
MW-15 (SVE-12)	04/18/11	3609.23	--	31.72	--	3577.51
MW-15 (SVE-12)	10/10/11	3609.23	--	32.12	--	3577.11
MW-15 (SVE-12)	05/30/12	3609.23	--	32.75	--	3576.48
MW-15 (SVE-12)	02/27/13	3609.23	--	33.43	--	3575.80
MW-15 (SVE-12)	07/23/13	3609.23	--	33.76	--	3575.47
MW-15 (SVE-12)	03/25/14	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	07/29/14	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/10/15	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	07/27/15	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/21/16	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/22/16	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/22/17	3609.23	--	33.67	--	3575.56
MW-15 (SVE-12)	09/18/17	3609.23	--	34.01	--	3575.22
MW-15 (SVE-12)	03/21/18	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	06/14/18	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/18/18	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/05/19	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	06/04/19	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/03/19	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	12/05/19	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/02/20	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	06/18/20	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/08/20	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/15/21	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/13/21	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	03/28/22	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/06/22	3609.23	--	DRY	--	DRY

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-15 (SVE-12)	03/20/23	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	06/22/23	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	09/19/23	3609.23	--	DRY	--	DRY
MW-15 (SVE-12)	12/18/23	3609.23	--	DRY	--	DRY
MW-16	03/01/01	3606.31	--	25.57	--	3580.74
MW-16	06/25/01	3606.31	--	25.78	--	3580.53
MW-16	09/25/01	3606.31	--	26.01	--	3580.30
MW-16	12/11/01	3606.31	--	26.21	--	3580.10
MW-16	05/21/02	3606.31	--	26.57	--	3579.74
MW-16	06/15/02	3606.31	--	26.64	--	3579.67
MW-16	06/16/02	3606.31	--	26.63	--	3579.68
MW-16	09/20/02	3606.31	--	26.80	--	3579.51
MW-16	10/15/02	3606.31	--	26.85	--	3579.46
MW-16	10/22/02	3606.31	--	26.88	--	3579.43
MW-16	10/25/02	3606.31	--	26.88	--	3579.43
MW-16	10/26/02	3606.31	--	26.88	--	3579.43
MW-16	11/04/02	3606.31	--	26.90	--	3579.41
MW-16	11/05/02	3606.31	--	26.91	--	3579.40
MW-16	01/22/03	3606.31	--	26.95	--	3579.36
MW-16	02/14/03	3606.31	--	26.95	--	3579.36
MW-16	02/24/03	3606.31	--	26.95	--	3579.36
MW-16	04/07/03	3606.31	--	27.05	--	3579.26
MW-16	04/24/03	3606.31	--	27.16	--	3579.15
MW-16	07/14/03	3606.31	--	27.25	--	3579.06
MW-16	08/02/03	3606.31	--	27.27	--	3579.04
MW-16	09/11/03	3606.31	--	27.35	--	3578.96
MW-16	10/15/03	3606.31	--	27.49	--	3578.82
MW-16	01/19/04	3606.31	--	27.68	--	3578.63
MW-16	04/19/04	3606.31	--	27.78	--	3578.53
MW-16	07/20/04	3606.31	--	27.89	--	3578.42
MW-16	10/25/04	3606.31	--	26.38	--	3579.93
MW-16	01/24/05	3606.31	--	25.11	--	3581.20
MW-16	04/18/05	3606.31	--	24.91	--	3581.40
MW-16	07/18/05	3606.31	--	25.04	--	3581.27
MW-16	10/17/05	3606.31	--	24.99	--	3581.32
MW-16	01/23/06	3606.31	--	25.20	--	3581.11
MW-16	04/24/06	3606.31	--	25.56	--	3580.75
MW-16	07/24/06	3606.31	--	25.90	--	3580.41
MW-16	10/23/06	3606.31	--	25.84	--	3580.47
MW-16	01/23/07	3606.31	--	25.94	--	3580.37
MW-16	04/23/07	3606.31	--	26.16	--	3580.15
MW-16	07/23/07	3606.31	--	26.33	--	3579.98
MW-16	10/22/07	3606.31	--	26.40	--	3579.91
MW-16	01/28/08	3606.31	--	26.45	--	3579.86
MW-16	04/21/08	3606.31	--	26.66	--	3579.65
MW-16	07/21/08	3606.31	--	26.91	--	3579.40
MW-16	10/20/08	3606.31	--	27.13	--	3579.18
MW-16	01/19/09	3606.31	--	27.26	--	3579.05
MW-16	04/20/09	3606.31	--	27.50	--	3578.81
MW-16	07/27/09	3606.31	--	27.75	--	3578.56
MW-16	10/26/09	3606.31	--	27.93	--	3578.38
MW-16	01/25/10	3606.31	--	28.09	--	3578.22
MW-16	04/26/10	3606.31	--	28.27	--	3578.04
MW-16	07/26/10	3606.31	--	28.00	--	3578.31
MW-16	10/25/10	3606.31	--	27.88	--	3578.43
MW-16	01/24/11	3606.31	--	28.19	--	3578.12
MW-16	04/18/11	3606.31	--	28.47	--	3577.84
MW-16	10/10/11	3606.31	--	28.87	--	3577.44
MW-16	05/30/12	3606.31	--	29.50	--	3576.81
MW-16	02/27/13	3606.31	--	30.13	--	3576.18
MW-16	07/23/13	3606.31	--	30.48	--	3575.83
MW-16	03/25/14	3606.31	--	30.98	--	3575.33

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-16	07/29/14	3606.31	--	31.26	--	3575.05
MW-16	03/10/15	3606.31	--	31.20	--	3575.11
MW-16	07/27/15	3606.31	--	DRY	--	DRY
MW-16	03/21/16	3606.31	--	30.95	--	3575.36
MW-16	09/22/16	3606.31	--	29.90	--	3576.41
MW-16	03/22/17	3606.31	--	30.40	--	3575.91
MW-16	09/18/17	3606.31	--	30.77	--	3575.54
MW-16	03/21/18	3606.31	--	30.96	--	3575.35
MW-16	06/14/18	3606.31	--	DRY	--	DRY
MW-16	09/18/18	3606.31	--	31.46	--	3574.85
MW-16	03/05/19	3606.31	--	DRY	--	DRY
MW-16	06/04/19	3606.31	--	DRY	--	DRY
MW-16	09/03/19	3606.31	--	DRY	--	DRY
MW-16	12/05/19	3606.31	--	DRY	--	DRY
MW-16	03/02/20	3606.31	--	DRY	--	DRY
MW-16	06/18/20	3606.31	--	DRY	--	DRY
MW-16	09/08/20	3606.31	--	DRY	--	DRY
MW-16	03/15/21	3606.31	--	DRY	--	DRY
MW-16	09/13/21	3606.31	--	DRY	--	DRY
MW-16	03/28/22	3606.31	--	DRY	--	DRY
MW-16	09/06/22	3606.31	--	DRY	--	DRY
MW-16	03/20/23	3606.31	--	DRY	--	DRY
MW-16	06/22/23	3606.31	--	DRY	--	DRY
MW-16	09/19/23	3606.31	--	DRY	--	DRY
MW-16	12/18/23	3606.31	--	DRY	--	DRY
MW-17	03/01/01	3609.03	--	27.78	--	3581.25
MW-17	06/25/01	3609.03	--	27.99	--	3581.04
MW-17	09/25/01	3609.03	--	28.21	--	3580.82
MW-17	12/11/01	3609.03	--	28.39	--	3580.64
MW-17	05/21/02	3609.03	--	28.77	--	3580.26
MW-17	06/08/02	3609.03	--	28.80	--	3580.23
MW-17	06/13/02	3609.03	--	28.81	--	3580.22
MW-17	06/15/02	3609.03	--	28.81	--	3580.22
MW-17	09/20/02	3609.03	--	29.00	--	3580.03
MW-17	10/15/02	3609.03	--	29.07	--	3579.96
MW-17	10/22/02	3609.03	--	29.06	--	3579.97
MW-17	10/25/02	3609.03	--	29.06	--	3579.97
MW-17	10/26/02	3609.03	--	29.09	--	3579.94
MW-17	11/04/02	3609.03	--	29.10	--	3579.93
MW-17	11/05/02	3609.03	--	29.13	--	3579.90
MW-17	11/22/02	3609.03	--	29.16	--	3579.87
MW-17	12/16/02	3609.03	--	DRY	--	DRY
MW-17	01/22/03	3609.03	--	29.15	--	3579.88
MW-17	02/08/03	3609.03	--	29.16	--	3579.87
MW-17	02/14/03	3609.03	--	29.17	--	3579.86
MW-17	02/24/03	3609.03	--	29.19	--	3579.84
MW-17	04/07/03	3609.03	--	29.23	--	3579.80
MW-17	04/24/03	3609.03	--	29.28	--	3579.75
MW-17	07/14/03	3609.03	--	29.45	--	3579.58
MW-17	08/02/03	3609.03	--	29.49	--	3579.54
MW-17	09/11/03	3609.03	--	29.57	--	3579.46
MW-17	10/15/03	3609.03	--	29.70	--	3579.33
MW-17	01/19/04	3609.03	--	29.88	--	3579.15
MW-17	04/19/04	3609.03	--	DRY	--	DRY
MW-17	07/20/04	3609.03	--	DRY	--	DRY
MW-17	10/25/04	3609.03	--	28.88	--	3580.15
MW-17	01/24/05	3609.03	--	27.57	--	3581.46
MW-17	04/18/05	3609.03	--	27.31	--	3581.72
MW-17	07/18/05	3609.03	--	27.35	--	3581.68
MW-17	10/17/05	3609.03	--	27.26	--	3581.77
MW-17	01/23/06	3609.03	--	27.45	--	3581.58
MW-17	04/24/06	3609.03	--	27.79	--	3581.24

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-17	07/24/06	3609.03	--	28.11	--	3580.92
MW-17	10/23/06	3609.03	--	28.08	--	3580.95
MW-17	01/23/07	3609.03	--	28.17	--	3580.86
MW-17	04/23/07	3609.03	--	28.37	--	3580.66
MW-17	07/23/07	3609.03	--	28.54	--	3580.49
MW-17	10/22/07	3609.03	--	28.66	--	3580.37
MW-17	01/28/08	3609.03	--	28.68	--	3580.35
MW-17	04/21/08	3609.03	--	28.87	--	3580.16
MW-17	07/21/08	3609.03	--	29.11	--	3579.92
MW-17	10/20/08	3609.03	--	29.33	--	3579.70
MW-17	01/19/09	3609.03	--	29.45	--	3579.58
MW-17	04/20/09	3609.03	--	29.70	--	3579.33
MW-17	07/27/09	3609.03	--	DRY	--	DRY
MW-17	10/26/09	3609.03	--	DRY	--	DRY
MW-17	01/25/10	3609.03	--	DRY	--	DRY
MW-17	04/26/10	3609.03	--	DRY	--	DRY
MW-17	07/26/10	3609.03	--	DRY	--	DRY
MW-17	10/10/11	3609.03	--	DRY	--	DRY
MW-17	05/30/12	3609.03	--	DRY	--	DRY
MW-17	02/27/13	3609.03	--	DRY	--	DRY
MW-17	07/23/13	3609.03	--	DRY	--	DRY
MW-17	03/25/14	3609.03	--	DRY	--	DRY
MW-17	07/29/14	3609.03	--	DRY	--	DRY
MW-17	03/10/15	3609.03	--	DRY	--	DRY
MW-17	07/27/15	3609.03	--	DRY	--	DRY
MW-17	03/21/16	3609.03	--	DRY	--	DRY
MW-17	09/22/16	3609.03	--	DRY	--	DRY
MW-17	03/22/17	3609.03	--	DRY	--	DRY
MW-17	09/18/17	3609.03	--	DRY	--	DRY
MW-17	03/21/18	3609.03	--	DRY	--	DRY
MW-17	06/14/18	3609.03	--	DRY	--	DRY
MW-17	09/18/18	3609.03	--	DRY	--	DRY
MW-17	03/05/19	3609.03	--	DRY	--	DRY
MW-17	06/04/19	3609.03	--	DRY	--	DRY
MW-17	09/03/19	3609.03	--	DRY	--	DRY
MW-17	12/05/19	3609.03	--	DRY	--	DRY
MW-17	03/02/20	3609.03	--	DRY	--	DRY
MW-17	06/18/20	3609.03	--	DRY	--	DRY
MW-17	09/08/20	3609.03	--	DRY	--	DRY
MW-17	03/15/21	3609.03	--	DRY	--	DRY
MW-17	09/13/21	3609.03	--	DRY	--	DRY
MW-17	03/28/22	3609.03	--	DRY	--	DRY
MW-17	09/06/22	3609.03	--	DRY	--	DRY
MW-17	03/20/23	3609.03	--	DRY	--	DRY
MW-17	06/22/23	3609.03	--	DRY	--	DRY
MW-17	09/19/23	3609.03	--	DRY	--	DRY
MW-17	12/18/23	3609.03	--	DRY	--	DRY
MW-18 (SVE-13)	03/01/01	3605.71	--	25.59	--	3580.12
MW-18 (SVE-13)	06/25/01	3605.71	--	25.85	--	3579.86
MW-18 (SVE-13)	09/25/01	3605.71	--	26.10	--	3579.61
MW-18 (SVE-13)	12/11/01	3605.71	--	26.33	--	3579.38
MW-18 (SVE-13)	05/21/02	3605.71	--	26.70	--	3579.01
MW-18 (SVE-13)	06/15/02	3605.71	--	26.75	--	3578.96
MW-18 (SVE-13)	06/16/02	3605.71	--	26.74	--	3578.97
MW-18 (SVE-13)	09/20/02	3605.34	--	27.54	--	3577.80
MW-18 (SVE-13)	10/15/02	3605.34	--	27.55	--	3577.79
MW-18 (SVE-13)	10/22/02	3605.34	--	27.55	--	3577.79
MW-18 (SVE-13)	10/25/02	3605.34	--	27.54	--	3577.80
MW-18 (SVE-13)	10/26/02	3605.34	--	27.55	--	3577.79
MW-18 (SVE-13)	11/05/02	3605.34	--	27.35	--	3577.99
MW-18 (SVE-13)	11/22/02	3605.34	--	27.38	--	3577.96
MW-18 (SVE-13)	01/22/03	3605.34	--	27.43	--	3577.91

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-18 (SVE-13)	02/24/03	3605.34	--	27.46	--	3577.88
MW-18 (SVE-13)	04/07/03	3605.34	--	27.57	--	3577.77
MW-18 (SVE-13)	04/24/03	3605.34	--	27.58	--	3577.76
MW-18 (SVE-13)	07/15/03	3605.34	--	27.78	--	3577.56
MW-18 (SVE-13)	08/02/03	3605.34	--	27.83	--	3577.51
MW-18 (SVE-13)	09/11/03	3605.34	--	28.01	--	3577.33
MW-18 (SVE-13)	10/15/03	3605.34	--	28.15	--	3577.19
MW-18 (SVE-13)	01/19/04	3605.34	--	28.42	--	3576.92
MW-18 (SVE-13)	04/19/04	3605.34	--	28.40	--	3576.94
MW-18 (SVE-13)	07/20/04	3605.34	--	28.38	--	3576.96
MW-18 (SVE-13)	10/25/04	3605.34	--	26.62	--	3578.72
MW-18 (SVE-13)	01/24/05	3605.34	--	25.37	--	3579.97
MW-18 (SVE-13)	04/18/05	3605.34	--	25.15	--	3580.19
MW-18 (SVE-13)	07/18/05	3605.34	--	25.36	--	3579.98
MW-18 (SVE-13)	10/17/05	3605.34	--	25.33	--	3580.01
MW-18 (SVE-13)	01/23/06	3605.34	--	25.59	--	3579.75
MW-18 (SVE-13)	04/24/06	3605.34	--	26.01	--	3579.33
MW-18 (SVE-13)	07/24/06	3605.34	--	26.41	--	3578.93
MW-18 (SVE-13)	10/23/06	3605.34	--	26.25	--	3579.09
MW-18 (SVE-13)	01/23/07	3605.34	--	26.32	--	3579.02
MW-18 (SVE-13)	04/23/07	3605.34	--	26.63	--	3578.71
MW-18 (SVE-13)	07/23/07	3605.34	--	26.73	--	3578.61
MW-18 (SVE-13)	10/22/07	3605.34	--	26.70	--	3578.64
MW-18 (SVE-13)	01/28/08	3605.34	--	26.81	--	3578.53
MW-18 (SVE-13)	04/21/08	3605.34	--	27.09	--	3578.25
MW-18 (SVE-13)	07/21/08	3605.34	--	27.45	--	3577.89
MW-18 (SVE-13)	10/20/08	3605.34	--	27.65	--	3577.69
MW-18 (SVE-13)	01/19/09	3605.34	--	27.75	--	3577.59
MW-18 (SVE-13)	04/20/09	3605.34	--	28.05	--	3577.29
MW-18 (SVE-13)	07/27/09	3605.34	--	28.36	--	3576.98
MW-18 (SVE-13)	10/26/09	3605.34	--	28.41	--	3576.93
MW-18 (SVE-13)	01/25/10	3605.34	--	28.65	--	3576.69
MW-18 (SVE-13)	04/26/10	3605.34	--	28.83	--	3576.51
MW-18 (SVE-13)	07/26/10	3605.34	--	28.56	--	3576.78
MW-18 (SVE-13)	10/25/10	3605.34	--	28.30	--	3577.04
MW-18 (SVE-13)	01/24/11	3605.34	--	27.21	--	3578.13
MW-18 (SVE-13)	04/18/11	3605.34	--	27.05	--	3578.29
MW-18 (SVE-13)	10/10/11	3605.34	--	29.60	--	3575.74
MW-18 (SVE-13)	05/30/12	3605.34	--	30.33	--	3575.01
MW-18 (SVE-13)	02/27/13	3605.34	--	30.95	--	3574.39
MW-18 (SVE-13)	07/23/13	3605.34	--	31.36	--	3573.98
MW-18 (SVE-13)	03/25/14	3605.34	--	31.79	--	3573.55
MW-18 (SVE-13)	07/29/14	3605.34	--	32.18	--	3573.16
MW-18 (SVE-13)	03/10/15	3605.34	--	31.81	--	3573.53
MW-18 (SVE-13)	07/27/15	3605.34	--	31.90	--	3573.44
MW-18 (SVE-13)	03/21/16	3605.34	--	31.35	--	3573.99
MW-18 (SVE-13)	09/22/16	3605.34	--	31.62	--	3573.72
MW-18 (SVE-13)	03/22/17	3605.34	--	30.79	--	3574.55
MW-18 (SVE-13)	09/18/17	3605.34	--	31.75	--	3573.59
MW-18 (SVE-13)	03/21/18	3605.34	--	31.46	--	3573.88
MW-18 (SVE-13)	06/14/18	3605.34	--	31.82	--	3573.52
MW-18 (SVE-13)	09/18/18	3605.34	--	32.17	--	3573.17
MW-18 (SVE-13)	03/05/19	3605.34	--	32.23	--	3573.11
MW-18 (SVE-13)	06/04/19	3605.34	--	32.42	--	3572.92
MW-18 (SVE-13)	09/03/19	3605.34	--	32.65	--	3572.69
MW-18 (SVE-13)	12/05/19	3605.34	--	32.78	--	3572.56
MW-18 (SVE-13)	03/02/20	3605.34	--	32.92	--	3572.42
MW-18 (SVE-13)	06/18/20	3605.34	--	33.05	--	3572.29
MW-18 (SVE-13)	09/08/20	3605.34	--	DRY	--	DRY
MW-18 (SVE-13)	03/15/21	3605.34	--	DRY	--	DRY
MW-18 (SVE-13)	09/13/21	3605.34	--	DRY	--	DRY
MW-18 (SVE-13)	03/28/22	3605.34	--	DRY	--	DRY
MW-18 (SVE-13)	09/06/22	3605.34	--	DRY	--	DRY

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-18 (SVE-13)	03/20/23	3605.34	--	DRY	--	DRY
MW-18 (SVE-13)	06/22/23	3605.34	--	DRY	--	DRY
MW-18 (SVE-13)	09/19/23	3605.34	--	DRY	--	DRY
MW-18 (SVE-13)	12/18/23	3605.34	--	DRY	--	DRY
MW-19	03/01/01	3606.69	--	27.20	--	3579.49
MW-19	06/25/01	3606.69	--	27.45	--	3579.24
MW-19	09/25/01	3606.69	--	27.71	--	3578.98
MW-19	12/11/01	3606.69	--	27.93	--	3578.76
MW-19	05/21/02	3606.69	--	28.26	--	3578.43
MW-19	06/08/02	3606.69	--	28.30	--	3578.39
MW-19	06/15/02	3606.69	--	28.33	--	3578.36
MW-19	09/20/02	3606.69	--	28.54	--	3578.15
MW-19	10/15/02	3606.69	--	28.57	--	3578.12
MW-19	10/22/02	3606.69	--	28.57	--	3578.12
MW-19	10/25/02	3606.69	--	28.55	--	3578.14
MW-19	10/26/02	3606.69	--	28.58	--	3578.11
MW-19	11/04/02	3606.69	--	28.58	--	3578.11
MW-19	11/05/02	3606.69	--	28.56	--	3578.13
MW-19	11/22/02	3606.69	--	28.55	--	3578.14
MW-19	11/29/02	3606.69	--	28.54	--	3578.15
MW-19	12/16/02	3606.69	--	28.54	--	3578.15
MW-19	01/22/03	3606.69	--	28.48	--	3578.21
MW-19	02/08/03	3606.69	--	28.50	--	3578.19
MW-19	02/14/03	3606.69	--	28.51	--	3578.18
MW-19	02/24/03	3606.69	--	28.51	--	3578.18
MW-19	04/24/03	3606.69	--	28.62	--	3578.07
MW-19	07/15/03	3606.69	--	28.90	--	3577.79
MW-19	08/02/03	3606.69	--	28.93	--	3577.76
MW-19	09/11/03	3606.69	--	29.03	--	3577.66
MW-19	10/15/03	3606.69	--	29.18	--	3577.51
MW-19	01/19/04	3606.69	--	29.42	--	3577.27
MW-19	04/19/04	3606.69	--	29.40	--	3577.29
MW-19	07/20/04	3606.69	--	29.40	--	3577.29
MW-19	10/25/04	3606.69	--	27.19	--	3579.50
MW-19	01/24/05	3606.69	--	26.20	--	3580.49
MW-19	04/18/05	3606.69	--	26.11	--	3580.58
MW-19	07/18/05	3606.69	--	26.40	--	3580.29
MW-19	10/17/05	3606.69	--	26.41	--	3580.28
MW-19	01/23/06	3606.69	--	26.68	--	3580.01
MW-19	04/24/06	3606.69	--	27.09	--	3579.60
MW-19	07/24/06	3606.69	--	27.49	--	3579.20
MW-19	10/23/06	3606.69	--	27.37	--	3579.32
MW-19	01/23/07	3606.69	--	27.46	--	3579.23
MW-19	04/23/07	3606.69	--	27.76	--	3578.93
MW-19	07/23/07	3606.69	--	27.85	--	3578.84
MW-19	10/22/07	3606.69	--	27.83	--	3578.86
MW-19	01/28/08	3606.69	--	27.95	--	3578.74
MW-19	04/21/08	3606.69	--	28.23	--	3578.46
MW-19	07/21/08	3606.69	--	28.59	--	3578.10
MW-19	10/20/08	3606.69	--	28.80	--	3577.89
MW-19	01/19/09	3606.69	--	28.90	--	3577.79
MW-19	04/20/09	3606.69	--	29.18	--	3577.51
MW-19	07/27/09	3606.69	--	29.47	--	3577.22
MW-19	10/26/09	3606.69	--	29.52	--	3577.17
MW-19	01/25/10	3606.69	--	29.75	--	3576.94
MW-19	04/26/10	3606.69	--	29.90	--	3576.79
MW-19	07/26/10	3606.69	--	29.62	--	3577.07
MW-19	10/25/10	3606.69	--	29.39	--	3577.30
MW-19	01/24/11	3606.69	--	29.80	--	3576.89
MW-19	04/18/11	3606.69	--	30.11	--	3576.58
MW-19	10/10/11	3606.69	--	30.63	--	3576.06
MW-19	05/30/12	3606.69	--	34.12	--	3572.57

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-19	02/27/13	3606.69	--	31.95	--	3574.74
MW-19	07/23/13	3606.69	--	32.35	--	3574.34
MW-19	03/25/14	3606.69	--	DRY	--	DRY
MW-19	07/29/14	3606.69	--	DRY	--	DRY
MW-19	03/10/15	3606.69	--	DRY	--	DRY
MW-19	07/27/15	3606.69	--	DRY	--	DRY
MW-19	03/21/16	3606.69	--	32.50	--	3574.19
MW-19	09/22/16	3606.69	--	DRY	--	DRY
MW-19	03/22/17	3606.69	--	31.98	--	3574.71
MW-19	09/18/17	3606.69	--	32.45	--	3574.24
MW-19	03/21/18	3606.69	--	32.62	--	3574.07
MW-19	06/14/18	3606.69	--	DRY	--	DRY
MW-19	09/18/18	3606.69	--	DRY	--	DRY
MW-19	03/05/19	3606.69	--	DRY	--	DRY
MW-19	06/04/19	3606.69	--	DRY	--	DRY
MW-19	09/03/19	3606.69	--	DRY	--	DRY
MW-19	12/05/19	3606.69	--	DRY	--	DRY
MW-19	03/02/20	3606.69	--	DRY	--	DRY
MW-19	06/18/20	3606.69	--	DRY	--	DRY
MW-19	09/08/20	3606.69	--	DRY	--	DRY
MW-19	03/15/21	3606.69	--	DRY	--	DRY
MW-19	09/13/21	3606.69	--	DRY	--	DRY
MW-19	03/28/22	3606.69	--	DRY	--	DRY
MW-19	09/06/22	3606.69	--	DRY	--	DRY
MW-19	03/20/23	3606.69	--	DRY	--	DRY
MW-19	06/22/23	3606.69	--	DRY	--	DRY
MW-19	09/19/23	3606.69	--	DRY	--	DRY
MW-19	12/18/23	3606.69	--	DRY	--	DRY
MW-20	03/01/01	3606.25	--	30.24	--	3576.01
MW-20	06/08/01	3606.25	--	31.26	--	3574.99
MW-20	06/25/01	3606.25	--	31.45	--	3574.80
MW-20	09/25/01	3606.25	--	31.67	--	3574.58
MW-20	12/11/01	3606.25	--	30.84	--	3575.41
MW-20	05/21/02	3606.25	--	31.21	--	3575.04
MW-20	06/08/02	3606.25	--	31.26	--	3574.99
MW-20	06/13/02	3606.25	--	31.28	--	3574.97
MW-20	06/15/02	3606.25	--	31.28	--	3574.97
MW-20	09/20/02	3606.25	--	31.46	--	3574.79
MW-20	10/15/02	3606.25	--	31.52	--	3574.73
MW-20	10/22/02	3606.25	--	31.53	--	3574.72
MW-20	10/25/02	3606.25	--	31.52	--	3574.73
MW-20	10/26/02	3606.25	--	31.54	--	3574.71
MW-20	11/04/02	3606.25	--	31.56	--	3574.69
MW-20	11/05/02	3606.25	--	31.56	--	3574.69
MW-20	11/22/02	3606.25	--	31.59	--	3574.66
MW-20	11/29/02	3606.25	--	31.56	--	3574.69
MW-20	12/16/02	3606.25	--	31.65	--	3574.60
MW-20	01/22/03	3606.25	--	31.60	--	3574.65
MW-20	02/08/03	3606.25	--	31.65	--	3574.60
MW-20	02/14/03	3606.25	--	31.64	--	3574.61
MW-20	02/24/03	3606.25	--	31.64	--	3574.61
MW-20	04/07/03	3606.25	--	31.75	--	3574.50
MW-20	04/24/03	3606.25	--	31.76	--	3574.49
MW-20	07/15/03	3606.25	--	31.90	--	3574.35
MW-20	08/02/03	3606.25	--	31.95	--	3574.30
MW-20	09/11/03	3606.25	--	32.04	--	3574.21
MW-20	10/15/03	3606.25	--	32.17	--	3574.08
MW-20	01/19/04	3606.25	--	32.35	--	3573.90
MW-20	04/19/04	3606.25	--	32.46	--	3573.79
MW-20	07/20/04	3606.25	--	32.59	--	3573.66
MW-20	10/25/04	3606.25	--	31.22	--	3575.03
MW-20	01/24/05	3606.25	--	29.97	--	3576.28

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-20	04/18/05	3606.25	--	29.78	--	3576.47
MW-20	07/18/05	3606.25	--	29.85	--	3576.40
MW-20	10/17/05	3606.25	--	29.75	--	3576.50
MW-20	01/23/06	3606.25	--	29.95	--	3576.30
MW-20	04/24/06	3606.25	--	30.28	--	3575.97
MW-20	07/24/06	3606.25	--	30.59	--	3575.66
MW-20	10/23/06	3606.25	--	30.55	--	3575.70
MW-20	01/23/07	3606.25	--	30.68	--	3575.57
MW-20	04/23/07	3606.25	--	30.89	--	3575.36
MW-20	07/23/07	3606.25	--	31.08	--	3575.17
MW-20	10/22/07	3606.25	--	31.16	--	3575.09
MW-20	01/28/08	3606.50	--	31.21	--	3575.29
MW-20	04/21/08	3606.50	--	31.38	--	3575.12
MW-20	07/21/08	3606.50	--	31.62	--	3574.88
MW-20	10/20/08	3606.50	--	31.82	--	3574.68
MW-20	01/19/09	3606.50	--	32.00	--	3574.50
MW-20	04/20/09	3606.50	--	32.22	--	3574.28
MW-20	07/27/09	3606.50	--	32.45	--	3574.05
MW-20	10/26/09	3606.50	--	32.63	--	3573.87
MW-20	01/25/10	3606.50	--	32.79	--	3573.71
MW-20	04/26/10	3606.50	--	32.98	--	3573.52
MW-20	07/26/10	3606.50	--	32.67	--	3573.83
MW-20	10/25/10	3606.50	--	32.69	--	3573.81
MW-20	01/24/11	3606.50	--	32.92	--	3573.58
MW-20	04/18/11	3606.50	--	33.18	--	3573.32
MW-20	10/10/11	3606.50	--	33.55	--	3572.95
MW-20	05/30/12	3606.50	--	34.12	--	3572.38
MW-20	02/27/13	3606.50	--	34.78	--	3571.72
MW-20	07/23/13	3606.50	--	35.11	--	3571.39
MW-20	03/25/14	3606.50	--	35.61	--	3570.89
MW-20	07/29/14	3606.50	--	35.89	--	3570.61
MW-20	03/10/15	3606.50	--	DRY	--	DRY
MW-20	07/27/15	3606.50	--	DRY	--	DRY
MW-20	03/21/16	3606.50	--	35.72	--	3570.78
MW-20	09/22/16	3606.50	--	DRY	--	DRY
MW-20	03/22/17	3606.50	--	35.15	--	3571.35
MW-20	09/18/17	3606.50	--	35.50	--	3571.00
MW-20	03/21/18	3606.50	--	35.70	--	3570.80
MW-20	06/14/18	3606.50	--	DRY	--	DRY
MW-20	09/18/18	3606.50	--	DRY	--	DRY
MW-20	03/05/19	3606.50	--	DRY	--	DRY
MW-20	06/04/19	3606.50	--	DRY	--	DRY
MW-20	09/04/19	3606.50	--	DRY	--	DRY
MW-20	12/05/19	3606.50	--	DRY	--	DRY
MW-20	03/02/20	3606.50	--	DRY	--	DRY
MW-20	06/18/20	3606.50	--	DRY	--	DRY
MW-20	09/08/20	3606.50	--	DRY	--	DRY
MW-20	03/15/21	3606.50	--	DRY	--	DRY
MW-20	09/13/21	3606.50	--	DRY	--	DRY
MW-20	03/28/22	3606.50	--	DRY	--	DRY
MW-20	09/06/22	3606.50	--	DRY	--	DRY
MW-20	03/20/23	3606.50	--	DRY	--	DRY
MW-20	06/22/23	3606.50	--	DRY	--	DRY
MW-20	09/19/23	3606.50	--	DRY	--	DRY
MW-20	12/18/23	3606.50	--	DRY	--	DRY
MW-21	06/08/02	3603.51	--	24.62	--	3578.89
MW-21	06/13/02	3603.51	--	24.61	--	3578.90
MW-21	06/15/02	3603.51	--	24.63	--	3578.88
MW-21	09/20/02	3603.51	--	24.81	--	3578.70
MW-21	10/15/02	3603.51	--	24.86	--	3578.65
MW-21	10/22/02	3603.51	--	24.88	--	3578.63
MW-21	10/25/02	3603.51	--	24.92	--	3578.59

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-21	10/26/02	3603.51	--	24.92	--	3578.59
MW-21	11/04/02	3603.51	--	24.93	--	3578.58
MW-21	11/05/02	3603.51	--	24.90	--	3578.61
MW-21	11/22/02	3603.51	--	24.87	--	3578.64
MW-21	11/29/02	3603.51	--	24.90	--	3578.61
MW-21	12/16/02	3603.51	--	24.95	--	3578.56
MW-21	01/22/03	3603.51	--	24.88	--	3578.63
MW-21	02/08/03	3603.51	--	24.89	--	3578.62
MW-21	02/14/03	3603.51	--	24.89	--	3578.62
MW-21	02/24/03	3603.51	--	24.90	--	3578.61
MW-21	04/07/03	3603.51	--	25.00	--	3578.51
MW-21	04/24/03	3603.51	--	25.01	--	3578.50
MW-21	07/15/03	3603.51	--	25.20	--	3578.31
MW-21	08/02/03	3603.51	--	25.28	--	3578.23
MW-21	09/11/03	3603.51	--	25.35	--	3578.16
MW-21	10/15/03	3603.51	--	25.48	--	3578.03
MW-21	01/19/04	3603.51	--	25.68	--	3577.83
MW-21	04/19/04	3603.51	--	25.68	--	3577.83
MW-21	07/20/04	3603.51	--	25.81	--	3577.70
MW-21	10/25/04	3603.51	--	23.56	--	3579.95
MW-21	01/24/05	3603.51	--	22.70	--	3580.81
MW-21	04/18/05	3603.51	--	22.64	--	3580.87
MW-21	07/18/05	3603.51	--	22.88	--	3580.63
MW-21	10/17/05	3603.51	--	22.88	--	3580.63
MW-21	01/23/06	3603.51	--	23.13	--	3580.38
MW-21	04/24/06	3603.51	--	23.49	--	3580.02
MW-21	07/24/06	3603.51	--	23.86	--	3579.65
MW-21	10/23/06	3603.51	--	23.82	--	3579.69
MW-21	01/23/07	3603.51	--	23.92	--	3579.59
MW-21	04/23/07	3603.51	--	24.15	--	3579.36
MW-21	07/23/07	3603.51	--	24.32	--	3579.19
MW-21	10/22/07	3603.51	--	24.35	--	3579.16
MW-21	01/28/08	3603.51	--	24.45	--	3579.06
MW-21	04/21/08	3603.51	--	24.65	--	3578.86
MW-21	07/21/08	3603.51	--	24.95	--	3578.56
MW-21	10/20/08	3603.51	--	25.17	--	3578.34
MW-21	01/19/09	3603.51	--	25.29	--	3578.22
MW-21	04/20/09	3603.51	--	25.50	--	3578.01
MW-21	07/27/09	3603.51	--	25.79	--	3577.72
MW-21	10/26/09	3603.51	--	25.91	--	3577.60
MW-21	01/25/10	3603.51	--	26.10	--	3577.41
MW-21	04/26/10	3603.51	--	26.26	--	3577.25
MW-21	07/26/10	3603.51	--	25.89	--	3577.62
MW-21	10/25/10	3603.51	--	25.81	--	3577.70
MW-21	01/24/11	3603.51	--	25.16	--	3578.35
MW-21	04/18/11	3603.51	--	26.45	--	3577.06
MW-21	10/10/11	3603.51	--	26.90	--	3576.61
MW-21	05/30/12	3603.51	--	27.52	--	3575.99
MW-21	02/27/13	3603.51	--	28.13	--	3575.38
MW-21	07/23/13	3603.51	--	28.49	--	3575.02
MW-21	03/25/14	3603.51	--	28.95	--	3574.56
MW-21	07/29/14	3603.51	--	29.24	--	3574.27
MW-21	03/10/15	3603.51	--	29.13	--	3574.38
MW-21	07/27/15	3603.51	--	29.36	--	3574.15
MW-21	03/21/16	3603.51	--	28.90	--	3574.61
MW-21	09/22/16	3603.51	28.84	28.85	0.01	3574.67
MW-21	03/22/17	3603.51	--	28.26	--	3575.25
MW-21	09/18/17	3603.51	--	28.79	--	3574.72
MW-21	03/21/18	3603.51	--	28.95	--	3574.56
MW-21	06/14/18	3603.51	--	29.64	--	3573.87
MW-21	09/18/18	3603.51	--	29.49	--	3574.02
MW-21	03/05/19	3603.51	--	DRY	--	DRY
MW-21	06/04/19	3603.51	--	DRY	--	DRY

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-21	09/03/19	3603.51	--	DRY	--	DRY
MW-21	12/05/19	3603.51	--	DRY	--	DRY
MW-21	03/02/20	3603.51	--	DRY	--	DRY
MW-21	06/18/20	3603.51	--	DRY	--	DRY
MW-21	09/08/20	3603.51	--	DRY	--	DRY
MW-21	03/15/21	3603.51	--	DRY	--	DRY
MW-21	09/13/21	3603.51	--	DRY	--	DRY
MW-21	03/28/22	3603.51	--	DRY	--	DRY
MW-21	09/06/22	3603.51	--	DRY	--	DRY
MW-21	03/20/23	3603.51	--	DRY	--	DRY
MW-21	06/22/23	3603.51	--	DRY	--	DRY
MW-21	09/19/23	3603.51	--	DRY	--	DRY
MW-21	12/18/23	3603.51	--	DRY	--	DRY
MW-22	06/08/02	3603.27	--	24.20	--	3579.07
MW-22	06/13/02	3603.27	--	24.41	--	3578.86
MW-22	06/15/02	3603.27	--	24.44	--	3578.83
MW-22	09/20/02	3603.27	--	24.59	--	3578.68
MW-22	10/15/02	3603.27	--	24.69	--	3578.58
MW-22	10/22/02	3603.27	--	24.67	--	3578.60
MW-22	10/25/02	3603.27	--	24.66	--	3578.61
MW-22	10/26/02	3603.27	--	24.70	--	3578.57
MW-22	11/04/02	3603.27	--	24.63	--	3578.64
MW-22	11/05/02	3603.27	--	24.55	--	3578.72
MW-22	11/22/02	3603.27	--	24.55	--	3578.72
MW-22	11/29/02	3603.27	--	24.51	--	3578.76
MW-22	12/16/02	3603.27	--	24.50	--	3578.77
MW-22	01/22/03	3603.27	--	24.40	--	3578.87
MW-22	02/08/03	3603.27	--	24.44	--	3578.83
MW-22	02/14/03	3603.27	--	24.45	--	3578.82
MW-22	02/24/03	3603.27	--	24.50	--	3578.77
MW-22	04/07/03	3603.27	--	24.67	--	3578.60
MW-22	04/24/03	3603.27	--	24.67	--	3578.60
MW-22	07/15/03	3603.27	--	25.00	--	3578.27
MW-22	08/02/03	3603.27	--	25.09	--	3578.18
MW-22	09/11/03	3603.27	--	25.16	--	3578.11
MW-22	10/15/03	3603.27	--	25.30	--	3577.97
MW-22	01/19/04	3603.27	--	25.60	--	3577.67
MW-22	04/19/04	3603.27	--	25.59	--	3577.68
MW-22	07/20/04	3603.27	--	25.35	--	3577.92
MW-22	10/25/04	3603.27	--	23.79	--	3579.48
MW-22	01/24/05	3603.27	--	22.25	--	3581.02
MW-22	04/18/05	3603.27	--	21.95	--	3581.32
MW-22	07/18/05	3603.27	--	22.25	--	3581.02
MW-22	10/17/05	3603.27	--	22.17	--	3581.10
MW-22	01/23/06	3603.27	--	22.49	--	3580.78
MW-22	04/24/06	3603.27	--	22.99	--	3580.28
MW-22	07/24/06	3603.27	--	23.42	--	3579.85
MW-22	10/23/06	3603.27	--	23.09	--	3580.18
MW-22	01/23/07	3603.27	--	23.17	--	3580.10
MW-22	04/23/07	3603.27	--	23.56	--	3579.71
MW-22	07/23/07	3603.27	--	23.57	--	3579.70
MW-22	10/22/07	3603.27	--	23.58	--	3579.69
MW-22	01/28/08	3603.27	--	23.63	--	3579.64
MW-22	04/21/08	3603.27	--	24.01	--	3579.26
MW-22	07/21/08	3603.27	--	24.46	--	3578.81
MW-22	10/20/08	3603.27	--	24.65	--	3578.62
MW-22	01/19/09	3603.27	--	24.73	--	3578.54
MW-22	04/20/09	3603.27	--	25.08	--	3578.19
MW-22	07/27/09	3603.27	--	25.42	--	3577.85
MW-22	10/26/09	3603.27	--	25.40	--	3577.87
MW-22	01/25/10	3603.27	--	25.68	--	3577.59
MW-22	04/26/10	3603.27	--	25.84	--	3577.43

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-22	07/26/10	3603.27	--	25.61	--	3577.66
MW-22	10/25/10	3603.27	--	25.20	--	3578.07
MW-22	01/24/11	3603.27	--	25.72	--	3577.55
MW-22	04/18/11	3603.27	--	26.10	--	3577.17
MW-22	10/10/11	3603.27	--	26.75	--	3576.52
MW-22	05/30/12	3603.27	--	27.59	--	3575.68
MW-22	02/27/13	3603.27	--	DRY	--	DRY
MW-22	07/23/13	3603.27	--	28.63	--	3574.64
MW-22	03/25/14	3603.27	--	29.03	--	3574.24
MW-22	07/29/14	3603.27	--	29.51	--	3573.76
MW-22	03/10/15	3603.27	--	28.84	--	3574.43
MW-22	07/27/15	3603.27	--	28.80	--	3574.47
MW-22	03/21/16	3603.27	--	28.20	--	3575.07
MW-22	09/22/16	3603.27	--	28.75	--	3574.52
MW-22	03/22/17	3603.27	--	27.70	--	3575.57
MW-22	09/18/17	3603.27	--	28.14	--	3575.13
MW-22	03/21/18	3603.27	--	28.40	--	3574.87
MW-22	06/14/18	3603.27	--	28.83	--	3574.44
MW-22	09/18/18	3603.27	--	29.01	--	3574.26
MW-22	03/05/19	3603.27	--	29.30	--	3573.97
MW-22	06/04/19	3603.27	--	29.49	--	3573.78
MW-22	09/03/19	3603.27	--	29.76	--	3573.51
MW-22	12/06/19	3603.27	--	29.83	--	3573.44
MW-22	03/02/20	3603.27	--	30.03	--	3573.24
MW-22	06/18/20	3603.27	--	30.14	--	3573.13
MW-22	09/08/20	3603.27	--	30.34	--	3572.93
MW-22	03/15/21	3603.27	--	31.22	--	3572.05
MW-22	09/13/21	3603.27	--	DRY	--	DRY
MW-22	03/28/22	3603.27	--	DRY	--	DRY
MW-22	09/06/22	3603.27	--	DRY	--	DRY
MW-22	03/20/23	3603.27	--	DRY	--	DRY
MW-22	06/22/23	3603.27	--	DRY	--	DRY
MW-22	09/19/23	3603.27	--	DRY	--	DRY
MW-22	12/18/23	3603.27	--	DRY	--	DRY
MW-23	06/08/02	3604.62	--	25.15	--	3579.47
MW-23	06/13/02	3604.62	--	25.13	--	3579.49
MW-23	06/15/02	3604.62	--	25.15	--	3579.47
MW-23	09/20/02	3604.62	--	25.30	--	3579.32
MW-23	10/15/02	3604.62	--	25.40	--	3579.22
MW-23	10/22/02	3604.62	--	25.38	--	3579.24
MW-23	10/25/02	3604.62	--	25.40	--	3579.22
MW-23	10/26/02	3604.62	--	25.39	--	3579.23
MW-23	11/04/02	3604.62	--	25.40	--	3579.22
MW-23	11/05/02	3604.62	--	25.40	--	3579.22
MW-23	11/22/02	3604.62	--	25.41	--	3579.21
MW-23	11/29/02	3604.62	--	25.34	--	3579.28
MW-23	12/16/02	3604.62	--	25.15	--	3579.47
MW-23	01/22/03	3604.62	--	25.15	--	3579.47
MW-23	02/08/03	3604.62	--	25.17	--	3579.45
MW-23	02/14/03	3604.62	--	25.26	--	3579.36
MW-23	02/24/03	3604.62	--	25.40	--	3579.22
MW-23	04/07/03	3604.62	--	25.45	--	3579.17
MW-23	04/24/03	3604.62	--	25.48	--	3579.14
MW-23	07/15/03	3604.62	--	25.70	--	3578.92
MW-23	08/02/03	3604.62	--	25.77	--	3578.85
MW-23	09/11/03	3604.62	--	25.85	--	3578.77
MW-23	10/15/03	3604.62	--	26.02	--	3578.60
MW-23	01/19/04	3604.62	--	26.31	--	3578.31
MW-23	04/19/04	3604.62	--	26.34	--	3578.28
MW-23	07/20/04	3604.62	--	26.17	--	3578.45
MW-23	10/25/04	3604.62	--	24.56	--	3580.06
MW-23	01/24/05	3604.62	--	23.25	--	3581.37

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-23	04/18/05	3604.62	--	22.85	--	3581.77
MW-23	07/18/05	3604.62	--	23.04	--	3581.58
MW-23	10/17/05	3604.62	--	22.97	--	3581.65
MW-23	01/23/06	3604.62	--	23.22	--	3581.40
MW-23	04/24/06	3604.62	--	23.69	--	3580.93
MW-23	07/24/06	3604.62	--	24.12	--	3580.50
MW-23	10/23/06	3604.62	--	23.85	--	3580.77
MW-23	01/23/07	3604.62	--	23.86	--	3580.76
MW-23	04/23/07	3604.62	--	24.24	--	3580.38
MW-23	07/23/07	3604.62	--	24.28	--	3580.34
MW-23	10/22/07	3604.62	--	24.26	--	3580.36
MW-23	01/28/08	3604.62	--	24.34	--	3580.28
MW-23	04/21/08	3604.62	--	24.66	--	3579.96
MW-23	07/21/08	3604.62	--	25.09	--	3579.53
MW-23	10/20/08	3604.62	--	25.32	--	3579.30
MW-23	01/19/09	3604.62	--	25.40	--	3579.22
MW-23	04/20/09	3604.62	--	25.70	--	3578.92
MW-23	07/27/09	3604.62	--	26.07	--	3578.55
MW-23	10/26/09	3604.62	--	26.10	--	3578.52
MW-23	01/25/10	3604.62	--	26.39	--	3578.23
MW-23	04/26/10	3604.62	--	26.59	--	3578.03
MW-23	07/26/10	3604.62	--	26.37	--	3578.25
MW-23	10/25/10	3604.62	--	26.01	--	3578.61
MW-23	01/24/11	3604.62	--	26.45	--	3578.17
MW-23	04/18/11	3604.62	--	26.82	--	3577.80
MW-23	10/10/11	3604.62	--	27.45	--	3577.17
MW-23	05/30/12	3604.62	--	28.29	--	3576.33
MW-23	02/27/13	3604.62	--	28.93	--	3575.69
MW-23	07/23/13	3604.62	--	29.38	--	3575.24
MW-23	03/25/14	3604.62	--	29.83	--	3574.79
MW-23	07/29/14	3604.62	--	30.20	--	3574.42
MW-23	03/10/15	3604.62	--	29.66	--	3574.96
MW-23	07/27/15	3604.62	--	29.70	--	3574.92
MW-23	03/21/16	3604.62	--	29.06	--	3575.56
MW-23	09/22/16	3604.62	--	29.53	--	3575.09
MW-23	03/22/17	3604.62	--	28.57	--	3576.05
MW-23	09/18/17	3604.62	--	28.90	--	3575.72
MW-23	03/21/18	3604.62	--	29.15	--	3575.47
MW-23	06/14/18	3604.62	--	29.58	--	3575.04
MW-23	09/18/18	3604.62	--	29.96	--	3574.66
MW-23	03/05/19	3604.62	--	30.06	--	3574.56
MW-23	06/04/19	3604.62	--	30.25	--	3574.37
MW-23	09/03/19	3604.62	--	30.50	--	3574.12
MW-23	12/06/19	3604.62	--	30.63	--	3573.99
MW-23	03/02/20	3604.62	--	30.79	--	3573.83
MW-23	06/18/20	3604.62	--	30.91	--	3573.71
MW-23	09/08/20	3604.62	--	DRY	--	DRY
MW-23	03/15/21	3604.62	--	DRY	--	DRY
MW-23	09/13/21	3604.62	--	DRY	--	DRY
MW-23	03/28/22	3604.62	--	DRY	--	DRY
MW-23	09/06/22	3604.62	--	DRY	--	DRY
MW-23	03/20/23	3604.62	--	DRY	--	DRY
MW-23	06/22/23	3604.62	--	DRY	--	DRY
MW-23	09/19/23	3604.62	--	DRY	--	DRY
MW-23	12/18/23	3604.62	--	DRY	--	DRY
MW-24	01/25/10	3608.89	--	30.11	--	3578.78
MW-24	04/26/10	3608.89	--	30.29	--	3578.60
MW-24	07/26/10	3608.89	--	30.08	--	3578.81
MW-24	10/25/10	3608.89	--	29.96	--	3578.93
MW-24	01/24/11	3608.89	--	30.24	--	3578.65
MW-24	04/18/11	3608.89	--	30.51	--	3578.38
MW-24	10/10/11	3608.89	--	30.92	--	3577.97

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btgc)	Depth to Water (ft-btgc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-24	05/30/12	3608.89	--	31.59	--	3577.30
MW-24	02/27/13	3608.89	--	32.23	--	3576.66
MW-24	07/23/13	3608.89	--	32.59	--	3576.30
MW-24	03/25/14	3608.89	--	33.12	--	3575.77
MW-24	07/29/14	3608.89	--	33.43	--	3575.46
MW-24	03/10/15	3608.89	--	33.35	--	3575.54
MW-24	07/27/15	3608.89	--	33.46	--	3575.43
MW-24	03/21/16	3608.89	--	33.10	--	3575.79
MW-24	09/22/16	3608.89	--	33.12	--	3575.77
MW-24	03/22/17	3608.89	--	32.47	--	3576.42
MW-24	09/18/17	3608.89	--	32.80	--	3576.09
MW-24	03/21/18	3608.89	--	33.05	--	3575.84
MW-24	06/14/18	3608.89	--	33.35	--	3575.54
MW-24	03/05/19	3608.89	--	33.81	--	3575.08
MW-24	06/04/19	3608.89	--	33.85	--	3575.04
MW-24	09/03/19	3608.89	--	34.05	--	3574.84
MW-24	12/06/19	3608.89	--	34.18	--	3574.71
MW-24	03/02/20	3608.89	--	34.38	--	3574.51
MW-24	06/18/20	3608.89	--	34.41	--	3574.48
MW-24	09/08/20	3608.96	--	34.58	--	3574.38
MW-24	03/15/21	3608.96	--	35.04	--	3573.92
MW-24	09/14/21	3608.96	--	35.62	--	3573.34
MW-24	03/28/22	3608.96	--	35.75	--	3573.21
MW-24	09/06/22	3608.96	--	36.09	--	3572.87
MW-24	03/20/23	3608.96	--	36.38	--	3572.58
MW-24	06/22/23	3608.96	--	36.61	--	3572.35
MW-24	09/19/23	3608.96	--	DRY	--	DRY
MW-24	12/18/23	3608.96	--	37.02	--	3571.94
MW-25	01/25/10	3609.81	--	31.00	--	3578.81
MW-25	04/26/10	3609.81	--	31.19	--	3578.62
MW-25	07/26/10	3609.81	--	30.96	--	3578.85
MW-25	10/25/10	3609.81	--	30.87	--	3578.94
MW-25	01/24/11	3609.81	--	31.14	--	3578.67
MW-25	04/18/11	3609.81	--	31.40	--	3578.41
MW-25	10/10/11	3609.81	--	31.79	--	3578.02
MW-25	05/30/12	3609.81	--	32.43	--	3577.38
MW-25	02/27/13	3609.81	--	33.09	--	3576.72
MW-25	07/23/13	3609.81	--	33.42	--	3576.39
MW-25	03/25/14	3609.81	--	33.94	--	3575.87
MW-25	07/29/14	3609.81	--	34.25	--	3575.56
MW-25	03/10/15	3609.81	--	34.20	--	3575.61
MW-25	07/27/15	3609.81	--	34.30	--	3575.51
MW-25	03/21/16	3609.81	--	33.96	--	3575.85
MW-25	09/22/16	3609.81	--	34.00	--	3575.81
MW-25	03/22/17	3609.81	--	33.34	--	3576.47
MW-25	09/18/17	3609.81	--	33.69	--	3576.12
MW-25	03/21/18	3609.81	--	33.93	--	3575.88
MW-25	06/14/18	3609.81	--	34.23	--	3575.58
MW-25	09/18/18	3609.81	--	34.48	--	3575.33
MW-25	03/05/19	3609.81	--	34.65	--	3575.16
MW-25	06/04/19	3609.81	--	34.69	--	3575.12
MW-25	09/03/19	3609.81	--	34.86	--	3574.95
MW-25	12/06/19	3609.81	--	35.02	--	3574.79
MW-25	03/02/20	3609.81	--	35.10	--	3574.71
MW-25	06/18/20	3609.81	--	35.29	--	3574.52
MW-25	09/08/20	3609.81	--	35.44	--	3574.37
MW-25	03/15/21	3609.81	--	35.83	--	3573.98
MW-25	09/14/21	3609.81	--	36.41	--	3573.40
MW-25	03/28/22	3609.81	--	36.52	--	3573.29
MW-25	09/06/22	3609.81	--	36.93	--	3572.88
MW-25	03/20/23	3609.81	--	DRY	--	DRY
MW-25	06/22/23	3609.81	--	DRY	--	DRY

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-25	09/19/23	3609.81	--	DRY	--	DRY
MW-25	12/18/23	3609.81	--	DRY	--	DRY
MW-26	01/25/10	3604.86	--	26.54	--	3578.32
MW-26	04/26/10	3604.86	--	26.71	--	3578.15
MW-26	07/26/10	3604.86	--	26.50	--	3578.36
MW-26	10/25/10	3604.86	--	26.19	--	3578.67
MW-26	01/24/11	3604.86	--	26.61	--	3578.25
MW-26	04/18/11	3604.86	--	26.94	--	3577.92
MW-26	10/10/11	3604.86	--	27.51	--	3577.35
MW-26	05/30/12	3604.86	--	28.32	--	3576.54
MW-26	02/27/13	3604.86	--	29.01	--	3575.85
MW-26	07/23/13	3604.86	--	29.43	--	3575.43
MW-26	03/25/14	3604.86	--	29.90	--	3574.96
MW-26	07/29/14	3604.86	--	30.31	--	3574.55
MW-26	03/10/15	3604.86	--	29.85	--	3575.01
MW-26	07/27/15	3604.86	--	29.90	--	3574.96
MW-26	03/21/16	3604.86	--	29.30	--	3575.56
MW-26	09/22/16	3604.86	--	29.60	--	3575.26
MW-26	03/22/17	3604.86	--	28.75	--	3576.11
MW-26	09/18/17	3604.86	--	29.11	--	3575.75
MW-26	03/21/18	3604.86	--	29.35	--	3575.51
MW-26	06/14/18	3604.86	--	29.70	--	3575.16
MW-26	09/18/18	3604.86	--	30.09	--	3574.77
MW-26	03/05/19	3604.86	--	30.24	--	3574.62
MW-26	06/04/19	3604.86	--	30.38	--	3574.48
MW-26	09/03/19	3604.86	--	30.67	--	3574.19
MW-26	12/06/19	3604.86	--	30.78	--	3574.08
MW-26	03/02/20	3604.86	--	30.95	--	3573.91
MW-26	06/18/20	3604.86	--	31.05	--	3573.81
MW-26	09/08/20	3604.86	--	31.26	--	3573.60
MW-26	03/15/21	3604.86	--	31.89	--	3572.97
MW-26	09/14/21	3604.86	--	32.45	--	3572.41
MW-26	03/28/22	3604.86	--	32.47	--	3572.39
MW-26	09/06/22	3604.86	--	32.92	--	3571.94
MW-26	03/21/23	3604.86	--	33.25	--	3571.61
MW-26	06/22/23	3604.86	--	33.52	--	3571.34
MW-26	09/19/23	3604.86	--	33.78	--	3571.08
MW-26	12/18/23	3604.86	--	33.84	--	3571.02
MW-27	01/25/10	3604.99	--	26.70	--	3578.29
MW-27	04/26/10	3604.99	--	26.87	--	3578.12
MW-27	07/26/10	3604.99	--	26.66	--	3578.33
MW-27	10/25/10	3604.99	--	26.35	--	3578.64
MW-27	01/24/11	3604.99	--	26.77	--	3578.22
MW-27	04/18/11	3604.99	--	27.10	--	3577.89
MW-27	10/10/11	3604.99	--	27.67	--	3577.32
MW-27	05/30/12	3604.99	--	28.46	--	3576.53
MW-27	02/27/13	3604.99	--	29.11	--	3575.88
MW-27	07/23/13	3604.99	--	29.55	--	3575.44
MW-27	03/25/14	3604.99	--	30.02	--	3574.97
MW-27	07/29/14	3604.99	--	30.40	--	3574.59
MW-27	03/10/15	3604.99	--	29.97	--	3575.02
MW-27	07/27/15	3604.99	--	30.01	--	3574.98
MW-27	03/21/16	3604.99	--	29.45	--	3575.54
MW-27	09/22/16	3604.99	--	30.74	--	3574.25
MW-27	03/22/17	3604.99	--	28.87	--	3576.12
MW-27	09/18/17	3604.99	--	29.30	--	3575.69
MW-27	03/21/18	3604.99	--	29.52	--	3575.47
MW-27	06/14/18	3604.99	--	29.86	--	3575.13
MW-27	07/16/18	3604.99	--	30.12	--	3574.87
MW-27	09/18/18	3604.99	--	30.28	--	3574.71
MW-27	03/05/19	3604.99	--	30.41	--	3574.58

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-27	06/04/19	3604.99	--	30.53	--	3574.46
MW-27	09/03/19	3604.99	--	30.79	--	3574.20
MW-27	12/06/19	3604.99	--	30.92	--	3574.07
MW-27	03/02/20	3604.99	--	31.04	--	3573.95
MW-27	06/18/20	3604.99	--	31.19	--	3573.80
MW-27	09/08/20	3604.99	--	31.44	--	3573.55
MW-27	03/15/21	3604.99	--	32.04	--	3572.95
MW-27	09/14/21	3604.99	--	32.56	--	3572.43
MW-27	03/28/22	3604.99	--	32.59	--	3572.40
MW-27	09/06/22	3604.99	--	33.12	--	3571.87
MW-27	03/21/23	3604.99	--	33.38	--	3571.61
MW-27	06/22/23	3604.99	--	33.65	--	3571.34
MW-27	09/19/23	3604.99	--	33.89	--	3571.10
MW-27	12/18/23	3604.99	--	33.99	--	3571.00
SVE-10	06/15/02	3605.12	--	25.24	--	3579.88
SVE-10	11/04/02	3605.12	--	25.43	--	3579.69
SVE-10	11/05/02	3605.12	--	25.44	--	3579.68
SVE-10	11/22/02	3605.12	--	25.58	--	3579.54
SVE-10	11/29/02	3605.12	--	25.63	--	3579.49
SVE-10	12/16/02	3605.12	--	25.68	--	3579.44
SVE-10	01/22/03	3605.12	--	25.70	--	3579.42
SVE-10	02/08/03	3605.12	--	25.73	--	3579.39
SVE-10	02/14/03	3605.12	--	25.70	--	3579.42
SVE-10	02/24/03	3605.12	--	25.73	--	3579.39
SVE-10	04/07/03	3605.12	--	25.93	--	3579.19
SVE-10	04/24/03	3605.12	--	25.84	--	3579.28
SVE-10	07/15/03	3605.12	--	25.86	--	3579.26
SVE-10	08/02/03	3605.12	--	25.93	--	3579.19
SVE-10	10/15/03	3605.12	--	25.94	--	3579.18
SVE-10	01/19/04	3605.12	--	26.79	--	3578.33
SVE-10	04/19/04	3605.12	--	26.62	--	3578.50
SVE-10	07/20/04	3605.12	--	26.86	--	3578.26
SVE-10	10/25/04	3605.12	--	25.22	--	3579.90
SVE-10	01/24/05	3605.12	--	24.01	--	3581.11
SVE-10	04/18/05	3605.12	--	23.79	--	3581.33
SVE-10	07/18/05	3605.12	--	23.91	--	3581.21
SVE-10	10/17/05	3605.12	--	23.89	--	3581.23
SVE-10	01/23/06	3605.12	--	24.11	--	3581.01
SVE-10	04/24/06	3605.12	--	24.50	--	3580.62
SVE-10	07/24/06	3605.12	--	24.87	--	3580.25
SVE-10	10/23/06	3605.12	--	24.76	--	3580.36
SVE-10	01/23/07	3605.12	--	24.84	--	3580.28
SVE-10	04/23/07	3605.12	--	25.11	--	3580.01
SVE-10	07/23/07	3605.12	--	25.24	--	3579.88
SVE-10	10/22/07	3605.12	--	25.27	--	3579.85
SVE-10	01/28/08	3605.12	--	25.34	--	3579.78
SVE-10	04/21/08	3605.12	--	25.56	--	3579.56
SVE-10	07/21/08	3605.12	--	25.87	--	3579.25
SVE-10	10/20/08	3605.12	--	26.10	--	3579.02
SVE-10	01/19/09	3605.12	--	26.20	--	3578.92
SVE-10	04/20/09	3605.12	--	26.44	--	3578.68
SVE-10	07/27/09	3605.12	--	26.70	--	3578.42
SVE-10	10/26/09	3605.12	--	26.83	--	3578.29
SVE-10	01/25/10	3605.12	--	27.10	--	3578.02
SVE-10	04/26/10	3605.12	--	27.26	--	3577.86
SVE-10	07/26/10	3605.12	--	27.03	--	3578.09
SVE-10	10/25/10	3605.12	--	26.82	--	3578.30
SVE-10	01/24/11	3605.12	--	27.19	--	3577.93
SVE-10	04/18/11	3605.12	--	27.47	--	3577.65
SVE-10	10/10/11	3605.12	--	27.95	--	3577.17
SVE-10	05/30/12	3605.12	--	28.47	--	3576.65
SVE-10	02/27/13	3605.12	--	DRY	--	DRY

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

Monitor Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-btoc)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
SVE-10	07/23/13	3605.12	--	DRY	--	DRY
SVE-10	03/25/14	3605.12	--	DRY	--	DRY
SVE-10	07/29/14	3605.12	--	28.47	--	3576.65
SVE-10	03/10/15	3605.12	--	DRY	--	DRY
SVE-10	07/27/15	3605.12	--	28.60	--	3576.52
SVE-10	03/21/16	3605.12	--	28.50	--	3576.62
SVE-10	09/22/16	3605.12	--	30.32	--	3574.80
SVE-10	03/22/17	3605.12	--	28.52	--	3576.60
SVE-10	09/18/17	3605.12	--	DRY	--	DRY
SVE-10	03/21/18	3605.12	--	28.55	--	3576.57
SVE-10	06/14/18	3605.12	--	DRY	--	DRY
SVE-10	09/18/18	3605.12	--	DRY	--	DRY
SVE-10	03/05/19	3605.12	--	DRY	--	DRY
SVE-10	06/04/19	3605.12	--	DRY	--	DRY
SVE-10	09/03/19	3605.12	--	DRY	--	DRY
SVE-10	12/06/19	3605.12	--	DRY	--	DRY
SVE-10	03/02/20	3605.12	--	DRY	--	DRY
SVE-10	06/18/20	3605.12	--	DRY	--	DRY
SVE-10	09/08/20	3605.12	--	DRY	--	DRY
SVE-10	03/15/21	3605.12	--	DRY	--	DRY
SVE-10	09/13/21	3605.12	--	28.61	--	3576.51
SVE-10	03/28/22	3605.12	--	DRY	--	DRY
SVE-10	09/06/22	3605.12	--	DRY	--	DRY
SVE-10	03/20/23	3605.12	--	DRY	--	DRY
SVE-10	06/22/23	3605.12	--	DRY	--	DRY
SVE-10	09/19/23	3605.12	--	DRY	--	DRY
SVE-10	12/18/23	3605.12	--	DRY	--	DRY

Notes:

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

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-1	3/22/18	4.210	0.05	0.28	0.77	<250.0	17.5
MW-1	09/19/18	0.198	0.02	0.01	0.05	<2.5	14.6
MW-1	03/07/19	0.585	0.44	0.05	0.15	5	12.0
MW-1	06/06/19	0.441	0.46	0.06	0.21	4	15.2
MW-1 Duplicate	06/06/19	0.431	0.44	0.06	0.20	4	11.7
MW-1	09/04/19	0.166	0.18	0.03	0.11	2	9.4
MW-1 Duplicate	09/04/19	0.162	0.18	0.03	0.11	2	9.3
MW-1	12/05/19	0.140	0.13	0.02	0.09	2	12.5
MW-1 Duplicate	12/05/19	0.156	0.13	0.03	0.10	2	14.0
MW-1	03/05/20	0.046	0.06	0.01	0.06	<2.5	6.3
MW-1 Duplicate	03/05/20	0.073	0.11	0.03	0.11	2	13.7
MW-1	09/10/20	0.063	0.056	0.01	0.049	0.65	8.7
MW-1 Duplicate	09/10/20	0.051	0.046	0.05	0.009	0.54	0.7
MW-1	03/17/21	0.097	0.12	0.019	0.10	1.2	9.4
MW-1	09/15/21	0.120	0.078	0.014	0.076	0.94	9.4
MW-1 Duplicate	09/15/21	0.120	0.075	0.014	0.074	0.96	9.9
MW-1	03/30/22	0.048	0.020	0.0066	0.036	<0.5	9.9
MW-1	09/07/22	0.036	0.003	0.0051	0.010	0.93	4.9
MW-1	03/21/23	0.0881	0.009	<0.005	0.026	<2.5	10.9
MW-1	6/22/2023	0.0584	0.007	<0.005	0.016	<2.5	8.9
MW-1 Duplicate	9/20/2023	0.0226	0.004	0.0020	0.011	<0.50	8.4
MW-1	9/20/2023	0.0257	0.004	0.0020	0.011	<0.50	8.7
MW-1	12/19/23	0.0307	0.006	0.0029	0.013	0.96	8.0
MW-2	07/29/09	15.000	2.000	0.6400	1.540	62.00	10.0
MW-2	10/28/09	9.800	0.820	0.4200	0.930	36.00	2.6
MW-2	01/27/10	0.001	0.001	0.0110	0.001	0.71	2.2
MW-2	03/27/17	1.000	0.140	0.1600	0.220	6.80	1.3
MW-2	09/19/17	NS/LNAPL	NS/LNAPL	NS/LNAPL	NS/LNAPL	NS/LNAPL	NS/LNAPL
MW-2	09/19/18	0.043	0.030	0.0820	0.163	1.85	4.5
MW-2	03/07/19	0.036	0.008	0.0652	0.101	2.24	5.9
MW-2	06/06/19	0.021	0.002	0.0280	0.046	1.26	1.7
MW-2	09/04/19	0.026	0.003	0.0386	0.075	1.22	1.9
MW-2	12/05/19	0.021	0.001	0.0111	0.021	1.31	2.7
MW-2 Duplicate	12/05/19	0.021	0.001	0.0115	0.021	1.22	2.4
MW-2	03/05/20	0.009	<0.0010	0.0063	0.012	0.75	1.3
MW-2	09/10/20	0.054	0.005	0.0120	0.024	0.67	1.7
MW-2	03/17/21	0.047	0.004	0.0084	0.016	0.80	2.4
MW-2	09/15/21	0.048	0.003	0.0058	0.009	0.66	2.2
MW-2	03/30/22	0.035	0.003	0.0054	0.008	<0.5	2.1
MW-2	09/07/22	0.049	0.010	0.0043	0.024	<0.50	0.8
MW-2 Duplicate	03/30/22	0.036	0.003	0.0054	0.009	<0.5	2.4
MW-2	3/21/2023	0.0649	<0.005	0.0091	0.025	<2.50	4.4
MW-2	6/22/2023	0.1260	<0.005	0.0122	0.049	3.27	2.7
MW-2	9/20/2023	0.1440	0.003	0.0215	0.063	2.67	2.3
MW-2	12/19/23	0.0280	0.001	0.0057	0.017	1.65	1.8
MW-3	01/23/03	1.440	0.019	0.0300	0.079	5.56	13.6
MW-3	04/24/08	13.000	0.540	0.6600	1.440	120.00	13.0
MW-3	07/25/08	10.000	0.130	0.4600	0.850	59.00	22.0
MW-3	10/22/08	15.000	0.270	0.4900	1.100	NA	2.3
MW-3	07/29/09	9.200	0.080	0.3300	0.700	33.00	3.7
MW-3	10/28/09	6.400	0.026	0.2700	0.590	22.00	3.9
MW-3	01/27/10	7.700	0.022	0.3100	0.380	48.00	2.6
MW-3	04/28/10	6.300	0.053	0.3500	0.710	26.00	8.0
MW-3	05/31/12	2.540	<0.025	0.1580	0.307	12.60	18.1
MW-3	03/12/15	0.247	<0.001	0.1290	0.030	2.20	66.2
MW-3 Duplicate	03/12/15	0.331	0.001	0.1420	0.054	3.10	57.0
MW-3	07/29/15	0.431	0.217	<0.005	0.243	6.90	20.9
MW-3 Duplicate	07/29/15	0.525	0.280	<0.005	0.403	10.10	3.0
MW-3	03/22/16	0.161	0.182	<0.005	0.080	2.90	5.5
MW-3	03/24/17	0.007	0.00018J	0.0082	0.006	0.56	5.9
MW-3	09/19/17	0.011	0.00029J	0.0240	0.019	1.10	7.7
MW-3 Duplicate	09/19/17	0.016	0.00023J	0.0650	0.060	2.10	63.3
MW-3	03/22/18	0.005	<0.005	0.0378	0.032	7.81	39.3

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-3	09/19/18	<0.005	<0.005	0.0337	0.056	<2.5	34.8
MW-3	03/07/19	0.002	0.000	0.0139	0.027	0.76	6.0
MW-3	06/06/19	0.006	<0.001	0.0116	0.025	<0.50	7.1
MW-3	09/04/19	0.008	<0.001	0.0093	0.019	0.55	3.9
MW-3	12/05/19	<0.001	<0.001	0.0012	0.002	0.14	0.9
MW-3	03/05/20	0.004	<0.0010	0.0030	0.005	<0.50	1.8
MW-3	09/10/20	0.009	0.001	0.0028	0.005	<0.5	2.0
MW-3 Duplicate	09/10/20	0.009	<0.0010	0.0023	0.004	<0.5	9.4
MW-3	03/17/21	0.010	0.001	0.0020	0.003	<0.50	2.3
MW-3 Duplicate	03/17/21	0.011	0.001	0.0021	0.003	<0.50	2.7
MW-3	09/15/21	0.012	0.001	0.0021	<0.0030	<0.50	1.9
MW-3	03/30/22	0.014	0.002	0.0023	<0.0030	<0.50	2.2
MW-3	09/07/22	0.012	0.001	0.0019	<0.0030	<0.50	1.0
MW-3 Duplicate	09/07/22	0.011	0.001	0.0018	<0.0030	<0.5	0.9
MW-3	03/22/23	0.0079	0.001	0.0035	0.004	<0.50	4.8
MW-3	6/22/2023	0.0097	0.001	0.0023	<0.0030	0.55	2.2
MW-3	9/20/2023	0.0111	<0.0010	0.0037	0.003	<0.50	1.7
MW-3	12/19/23	0.0040	<0.0010	0.001	<0.0030	<0.50	2.1
MW-4	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.002	<0.002
MW-4	04/06/00	0.019	0.001	0.001	0.003	<0.001	<0.001
MW-4	08/02/00	0.002	<0.5	<0.5	<0.002	<0.98	<0.98
MW-4	11/15/00	0.024	0.001	0.001	<0.002	0.52	<0.50
MW-4	03/06/01	0.110	0.002	0.009	0.016	1.7	<0.55
MW-4	06/25/01	0.066	0.001	0.001	<0.002	0.83	<0.59
MW-4	09/26/01	0.080	0.001	0.004	0.006	0.55	<0.50
MW-4	12/12/01	0.039	0.002	<0.0010	<0.0010	0.369	<0.101
MW-4	05/21/02	0.078	0.008	0.002	0.006	0.567	<0.103
MW-4	10/16/02	0.045	<0.001	0.003	0.005	0.177	<0.102
MW-4	01/23/03	0.268	0.160	0.008	0.089	1.58	0.141
MW-4	04/25/03	0.589	0.372	0.016	0.114	2.4	0.159
MW-4	07/14/03	0.055	0.046	0.005	0.011	0.405	<0.10
MW-4	10/17/03	0.007	0.003	<0.001	<0.003	<0.10	0.59
MW-4	01/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-4	04/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-4	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-4	10/28/04	0.002	<0.001	<0.001	<0.003	<0.10	0.19
MW-4	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.19
MW-4	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-4	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.31
MW-4	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.093
MW-4	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.23
MW-4	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
MW-4	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.34
MW-4	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
MW-4	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
MW-4	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.058
MW-4	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.26
MW-4	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.051
MW-4	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-4	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-4	07/24/08	<0.001	0.001	<0.001	<0.001	<0.10	<0.10
MW-4	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-4	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.062
MW-4	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.17
MW-4	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.072
MW-4	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-4	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-4	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-4	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-4	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-4	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-4	09/22/16	<0.001	<0.001	<0.001	<0.003	0.024J	0.46
MW-4	03/27/17	<0.001	0.00076J	<0.001	<0.003	0.022J	<0.45
MW-5	36538	<0.5	<0.5	<0.5	<0.5	<0.0020	<0.0020
MW-5	36622	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-5	36740	<0.5	<0.5	<0.5	<0.002	<0.99	<0.99
MW-5	11/15/00	0.001	0.001	<0.5	<0.002	0.26	0.92
MW-5	03/06/01	0.008	0.007	0.001	<0.002	0.66	<0.54
MW-5	06/25/01	0.019	0.026	0.002	<0.002	0.87	<0.53
MW-5	09/26/01	0.085	0.046	0.003	0.018	0.76	<0.50
MW-5	12/12/01	0.164	0.106	0.007	0.050	1.42	<0.101
MW-5	05/21/02	0.146	0.119	0.011	0.032	1.23	<0.101
MW-5	10/16/02	0.273	0.179	<0.010	0.042	1.60	0.188
MW-5	01/23/03	1.98	1.48	0.068	0.594	10	0.548
MW-5	04/25/03	1.19	0.863	0.058	0.318	6.37	0.256
MW-5	07/14/03	0.119	0.123	0.013	0.042	0.842	<0.10
MW-5	10/17/03	0.022	0.022	0.003	0.010	<0.10	0.99
MW-5	01/22/04	0.032	0.012	0.001	<0.003	0.16	<0.048
MW-5	04/22/04	0.020	0.023	0.002	0.004	0.32	<0.20
MW-5 Duplicate	04/22/04	0.021	0.027	0.002	0.006	0.37	<0.20
MW-5	07/23/04	0.011	0.010	0.001	<0.003	0.13	<0.048
MW-5	10/28/04	0.028	0.029	0.002	0.008	0.20	0.077
MW-5	01/26/05	0.009	0.009	0.002	0.005	<0.10	0.069
MW-5 Duplicate	01/26/05	0.009	0.009	0.002	0.005	<0.10	0.098
MW-5	04/20/05	0.079	0.036	<0.001	0.043	0.42	0.064
MW-5	07/20/05	0.005	0.004	<0.001	<0.003	<0.10	0.083
MW-5	10/19/05	0.014	0.010	<0.001	0.011	<0.10	0.089
MW-5	01/25/06	0.002	0.003	<0.001	<0.003	<0.10	0.53
MW-5	4/26/2006	<0.001	0.0014	<0.001	<0.003	<0.10	0.11
MW-5	7/26/2006	<0.001	<0.001	<0.001	<0.003	<0.10	0.19
MW-5	10/25/2006	<0.001	0.0011	<0.001	<0.003	<0.10	0.081
MW-5	1/25/2007	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
MW-5	4/25/2007	<0.001	<0.001	<0.001	<0.003	<0.10	0.23
MW-5	7/25/2007	<0.001	<0.001	<0.001	<0.003	<0.10	0.34
MW-5	10/24/2007	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
MW-5	1/30/2008	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
MW-5	4/23/2008	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-5	7/24/2008	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-5	10/22/2008	<0.001	<0.001	<0.001	<0.001	NA	2.4
MW-5	1/21/2009	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-5	4/22/2009	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-5	7/29/2009	0.007	0.006	<0.001	0.049	0.29	0.34
MW-5	10/28/2009	<0.001	<0.001	<0.001	<0.001	<0.10	0.065
MW-5	1/26/2010	<0.001	<0.001	<0.001	<0.001	<0.10	0.15
MW-5	4/27/2010	<0.001	0.0013	<0.001	<0.001	<0.10	0.078
MW-5	7/27/2010	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-5	10/26/2010	<0.001	<0.001	<0.001	0.0042	<0.10	<0.05
MW-5	1/25/2011	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-5	10/13/2011	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-5	5/31/2012	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-5	2/28/2013	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-5	7/29/2013	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-5 Duplicate	7/29/2013	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-5	3/27/2017	<0.001	0.00023J	<0.001	<0.003	0.011J	<0.50
MW-6	01/13/00	3.30	2.00	0.240	0.580	<0.002	<0.002
MW-6	04/06/00	3.90	1.10	0.270	0.540	<0.001	<0.001
MW-6	07/20/05	2.00	0.92	0.340	0.870	12	3.0
MW-6	10/20/05	1.70	1.10	0.300	0.940	1.7	5.9
MW-6	01/26/06	2.00	0.77	0.25	0.70	16	5.8
MW-6	07/27/06	1.90	0.25	0.28	0.38	11	22
MW-6	10/26/06	1.60	0.81	0.36	0.69	14	15
MW-6	01/26/07	1.10	0.75	0.28	0.50	14	29
MW-6	04/26/07	1.50	1.20	0.31	0.66	15	6.7

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-6	07/25/07	0.69	0.36	0.17	0.25	6.6	4.6
MW-6	10/25/07	0.55	0.39	0.15	0.18	4.5	4.4
MW-6 Duplicate	10/25/07	0.93	0.84	0.22	0.38	8.5	21.0
MW-6	01/31/08	1.20	1.20	0.31	0.52	11	8.9
MW-6 Duplicate	01/31/08	1.20	1.10	0.30	0.55	12	9.1
MW-6	04/24/08	1.50	1.50	0.41	0.84	20	13
MW-6	07/25/08	0.72	0.69	0.25	0.41	8.4	17
MW-6	10/22/08	0.55	0.30	0.24	0.261	NA	0.56
MW-6	01/21/09	0.35	0.27	0.20	0.247	4.2	4.1
MW-6	04/22/09	0.34	0.28	0.18	0.275	11	5.8
MW-6	07/29/09	0.18	0.21	0.18	0.247	4.2	2.2
MW-6	10/28/09	0.20	0.13	0.29	0.31	6.9	5.1
MW-6	01/27/10	0.098	0.050	0.18	0.164	4.2	3
MW-6	04/28/10	0.047	0.017	0.12	0.071	2.7	0.72
MW-6	07/28/10	0.040	0.014	0.18	0.102	3.1	2.9
MW-6	10/27/10	0.020	0.003	0.13	0.022	2.8	1.0
MW-6	01/26/11	0.027	0.003	0.13	0.009	2.4	12
MW-6	10/13/11	0.003	<0.001	0.039	<0.003	<0.5	1.4
MW-6	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.5	1.5
MW-6	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	0.76
MW-6	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	3.5
MW-6	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	1.2
MW-6	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-6	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	4.0
MW-6	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	2.2
MW-6	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.71
MW-6	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.54
MW-6	03/27/17	<0.001	0.00070J	<0.001	<0.003	<0.50	<0.56
MW-6	09/19/17	0.00016J	<0.001	0.00019J	<0.003	0.034J	0.84
MW-6	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.47
MW-6	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-6	03/07/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.48
MW-6	06/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-6	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	7.40
MW-6	12/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	1.20
MW-6	03/05/20	<0.001	<0.001	<0.001	<0.003	<0.50	1.70
MW-6	09/10/20	<0.001	<0.0010	<0.001	<0.003	<0.5	<0.45
MW-6	03/17/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	2.50
MW-7	05/31/12	9.75	<0.1	0.635	1.64	988.0	37.8
MW-7	02/28/13	6.49	<0.10	0.333	0.326	24.6	21.4
MW-7	07/29/13	4.13	<0.01	0.493	<0.03	21.0	118
MW-7	03/24/17	0.75	<0.02	0.094	<0.06	3.2J	59.8
MW-8	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.002	<0.002
MW-8	04/06/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-8	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.94	<0.94
MW-8	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.001	0.86
MW-8	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.001	<0.54
MW-8	06/25/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.55
MW-8	09/26/01	0.054	0.001	<0.5	0.002	0.24	<0.50
MW-8	12/12/01	0.593	0.018	0.009	0.048	1.56	0.107
MW-8	05/21/02	0.912	0.057	0.050	0.092	2.90	<0.101
MW-8	10/16/02	NA	NA	NA	NA	NA	0.269
MW-8	01/22/03	2.52	0.406	0.252	0.398	10.5	1.73
MW-8	01/31/08	2.30	0.270	0.340	0.890	30	130
MW-8	05/31/12	4.61	<0.1	0.152	<0.3	7	165
MW-8	02/28/13	1.92	0.0227	0.0746	0.0819	8.7	8
MW-8	07/29/13	1.30	<0.01	0.0609	<0.03	5.5	9.6
MW-8	03/26/14	1.88	<0.01	0.0612	<0.03	8.9	<0.50
MW-8	07/30/14	0.955	0.0514	<0.01	<0.03	2.7	<0.50
MW-8	03/11/15	0.0249	<0.001	0.0066	<0.003	2.4	2.3
MW-8 Duplicate	03/11/15	0.0179	<0.001	0.0050	<0.003	1.9	9.8
MW-8	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	1.5
MW-8	03/22/16	<0.001	<0.001	<0.001	<0.003	0.57	7.0

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-8	09/22/16	0.000074J	<0.001	0.00019J	<0.003	0.25J	2.6
MW-8	03/27/17	<0.001	0.0012	<0.001	<0.003	0.37J	1.1
MW-8	09/19/17	0.00032J	0.00024J	<0.001	<0.003	0.043J	0.70
MW-8	03/22/18	<0.001	<0.001	<0.001	<0.003	0.58	14.20
MW-8	09/19/18	<0.001	<0.001	<0.001	<0.003	<0.50	2.3
MW-8	06/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	2.7
MW-8	03/07/19	0.0003	<0.001	<0.001	<0.003	0.16	2.6
MW-8	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	6.3
MW-8	12/06/19	<0.001	<0.001	<0.001	<0.003	0.45	1.2
MW-8	03/05/20	0.0021	<0.0010	0.009	0.007	3.40	37.2
MW-8	09/10/20	0.0012	<0.0010	0.001	<0.0030	1.40	35.1
MW-8	03/17/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	10.8
MW-8	09/15/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	3.6
MW-8	03/29/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	30.0
MW-8	09/07/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	11.1
MW-8	09/20/23	<0.0100	<0.0100	0.079	<0.0300	85.50	138.0
MW-9	04/24/08	21.0	0.940	0.57	1.38	79	25
MW-9	03/24/17	8.7	<0.01	0.45	0.84	41.6	10.5
MW-9 Duplicate	03/24/17	10.2	<0.020	0.47	0.86	41.5	10.6
MW-9	03/22/18	7.48	<0.010	0.252	0.543	7.71	17.0
MW-9 Duplicate	03/22/18	7.42	<0.025	<0.025	0.545	<12.5	17.3
MW-9	09/19/18	0.0522	<0.001	0.0035	0.0094	1.22	9.6
MW-9 Duplicate	09/19/18	0.1450	<0.001	0.0097	0.0222	<2.5	9.2
MW-9	03/07/19	0.3870	0.001	0.0089	0.0156	2	7.2
MW-9	06/06/19	0.0228	<0.001	0.0017	0.0030	<0.50	4.7
MW-9	09/04/19	0.0105	<0.001	<0.001	<0.003	<0.50	4.7
MW-10	01/13/00	4.10	0.490	0.440	0.720	<0.002	<0.002
MW-10	04/06/00	0.40	0.053	0.066	0.098	<0.001	<0.001
MW-10	08/02/00	0.22	0.012	0.027	0.055	<1.10	<1.10
MW-10	05/31/12	7.43	<0.1	<0.1	<0.3	<50	20
MW-10	02/28/13	3.18	<0.05	<0.05	<0.15	8.6	3.1
MW-10	07/29/13	3.63	<0.02	0.0385	0.0601	11.6	2.0
MW-10	03/12/15	7.57	<0.020	0.128	<0.060	21.1	2.0
MW-10	03/22/16	4.160	<0.050	<0.050	<0.150	14.4 J	4.8
MW-10	09/22/16	0.00078J	<0.001	0.00019J	<0.003	0.20J	1.1
MW-10	03/24/17	1.5	0.0012	0.0032	<0.003	7.6	2.3
MW-10	09/19/17	1.7	<0.001	0.0032J	<0.003	8.8	11.7
MW-11	04/06/00	4.10	2.40	0.29	0.420	1.60	1.60
MW-11	08/02/00	3.90	2.10	0.26	0.510	2.50	2.50
MW-11	11/15/00	4.80	2.50	0.22	0.350	30	<0.53
MW-11	03/06/01	5.30	3.40	0.34	0.580	41	0.59
MW-11	06/25/01	5.10	3.70	0.34	<0.040	49	0.87
MW-11	04/24/08	7.40	0.360	0.68	1.80	34	28
MW-11	07/25/08	7.60	0.460	0.99	2.45	36	20
MW-11	10/22/08	8.60	0.460	1.00	2.70	NA	6.1
MW-11	01/21/09	6.60	0.210	0.72	1.91	28	6.8
MW-11	07/29/09	5.90	0.080	0.77	2.02	39	7.1
MW-11	10/28/09	5.20	0.043	0.88	2.41	29	8.6
MW-11	01/27/10	5.60	0.076	0.97	2.48	67	10
MW-11	07/28/10	3.80	1.50	0.70	1.67	29	10
MW-12	04/06/00	2.00	0.200	0.110	0.200	<1.20	<1.20
MW-12	08/02/00	2.90	0.022	0.097	0.160	<0.97	<0.97
MW-12	11/15/00	4.10	0.087	0.170	0.220	21	1.40
MW-12	03/06/01	4.30	0.120	0.210	0.290	24	<0.56
MW-12	06/25/01	4.10	0.120	0.220	<0.040	30	1.10
MW-12	09/26/01	3.30	0.120	0.150	0.200	19	0.85
MW-12	12/12/01	3.52	0.290	0.258	0.376	18.5	0.285
MW-12	05/21/02	4.04	0.265	0.195	0.284	16.4	0.104
MW-12	10/16/02	NA	NA	NA	NA	NA	0.351
MW-12	01/23/03	3.61	0.346	0.261	0.437	20.1	0.442
MW-12	04/25/03	3.51	0.202	0.078	0.437	13.2	0.594

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-12	07/14/03	3.90	0.316	0.357	0.575	17.1	0.598
MW-12	10/20/03	1.90	0.030	0.130	0.220	6.40	0.23
MW-12	01/21/04	2.70	0.130	0.300	0.450	12	0.25
MW-12	04/21/04	2.90	<0.010	0.095	0.150	11	<0.20
MW-12	07/23/04	3.20	<0.010	0.066	0.160	12	0.33
MW-12 Duplicate	07/23/04	3.30	<0.010	0.071	0.160	12	0.33
MW-12	10/28/04	3.20	0.016	0.046	0.140	14	0.52
MW-12	01/27/05	4.00	<0.020	0.066	0.130	15	1.20
MW-12 Duplicate	01/27/05	3.90	<0.020	0.067	0.130	15	1.30
MW-12	04/21/05	2.70	0.041	0.120	0.140	12	1.20
MW-12 Duplicate	04/21/05	2.60	0.038	0.110	0.140	12	1.00
MW-12	07/21/05	3.00	0.051	0.160	0.170	13	0.85
MW-12 Duplicate	07/21/05	2.80	0.054	0.150	0.160	13	0.73
MW-12	10/20/05	2.30	<0.001	0.095	0.170	15	1.0
MW-12 Duplicate	10/20/05	2.10	0.021	0.100	0.160	13	0.95
MW-12	01/26/06	2.80	<0.001	0.059	0.140	14	0.89
MW-12 Duplicate	01/26/06	2.90	0.013	0.160	0.150	14	0.43
MW-12	04/27/06	2.70	<0.001	0.130	0.120	12	0.84
MW-12 Duplicate	04/27/06	2.90	<0.001	0.120	0.130	13	1.00
MW-12	07/27/06	3.60	<0.001	0.150	0.160	15	1.00
MW-12 Duplicate	07/27/06	3.70	<0.001	0.150	0.160	15	1.30
MW-12	10/26/06	3.40	<0.001	0.120	0.170	13	0.64
MW-12 Duplicate	10/26/06	3.40	<0.001	0.190	0.180	14	0.92
MW-12	01/26/07	3.00	<0.001	0.160	0.160	14	1.00
MW-12 Duplicate	01/26/07	3.20	<0.001	0.150	0.170	15	1.30
MW-12	04/26/07	3.20	<0.001	0.230	0.200	14	0.58
MW-12 Duplicate	04/26/07	3.10	<0.001	0.200	0.200	14	0.60
MW-12	07/25/07	3.00	<0.001	0.110	0.140	14	0.86
MW-12 Duplicate	07/25/07	3.50	0.004	0.210	0.220	15	1.7
MW-12	10/25/07	2.70	<0.001	0.096	0.140	12	0.60
MW-12 Duplicate	10/25/07	2.90	<0.001	0.180	0.180	14	0.95
MW-12	01/31/08	2.80	<0.001	0.200	0.180	12	0.63
MW-12 Duplicate	01/31/08	3.10	<0.001	0.280	0.255	13	0.67
MW-12	04/24/08	3.40	<0.010	0.240	0.225	15	<0.10
MW-12 Duplicate	04/24/08	2.90	<0.010	0.220	0.201	13	0.75
MW-12	07/25/08	2.70	<0.0025	0.130	0.100	8.9	0.53
MW-12 Duplicate	07/25/08	2.50	<0.0025	0.120	0.090	8.7	0.47
MW-12	10/22/08	5.00	0.007	0.350	0.300	NA	0.52
MW-12 Duplicate	10/22/08	4.60	0.007	0.340	0.287	NA	0.41
MW-12	01/21/09	3.50	<0.010	0.220	0.193	14	0.48
MW-12 Duplicate	01/21/09	3.00	<0.0020	0.240	0.180	14	0.47
MW-12	04/22/09	3.60	0.002	0.190	0.181	11	0.15
MW-12 Duplicate	04/22/09	3.90	0.001	0.230	0.221	14	0.28
MW-12	07/29/09	4.10	0.002	0.180	0.206	16	0.37
MW-12 Duplicate	07/29/09	4.30	0.002	0.200	0.220	17	0.28
MW-12	10/28/09	4.50	0.002	0.180	0.209	17	0.42
MW-12 Duplicate	10/28/09	4.30	0.003	0.210	0.260	18	0.47
MW-12	01/27/10	4.50	0.002	0.170	0.174	18	0.45
MW-12 Duplicate	01/27/10	4.20	0.002	0.140	0.176	16	0.46
MW-12	04/28/10	4.40	<0.010	0.140	0.190	15	0.47
MW-12 Duplicate	04/28/10	4.40	<0.010	0.150	0.200	15	0.46
MW-12	07/28/10	5.50	<0.005	0.120	0.180	19	0.56
MW-12 Duplicate	07/28/10	5.50	<0.025	0.140	0.190	20	0.52
MW-12	10/27/10	5.30	<0.010	0.140	0.190	16	0.48
MW-12 Duplicate	10/27/10	4.90	<0.010	0.150	0.210	15	0.56
MW-12	01/26/11	4.00	<0.010	0.140	0.160	14	1.0
MW-12 Duplicate	01/26/11	4.90	<0.010	0.110	0.130	16	0.89
MW-12	10/13/11	7.27	<0.001	0.030	0.041	32	0.52
MW-12	05/31/12	9.48	<0.1	0.149	0.365	15	0.56
MW-12	02/28/13	9.10	<0.10	<0.10	<0.30	33.0	0.58
MW-12	07/29/13	4.51	<0.01	0.010	0.163	18.0	<0.50
MW-12	03/26/14	3.67	<0.025	<0.025	<0.075	14.0	<0.50
MW-12	07/30/14	2.6	<0.025	<0.025	<0.075	6.7	0.54
MW-12	03/11/15	1.24	<0.025	<0.025	<0.075	5.3	1.1
MW-12	07/29/15	0.229	<0.005	<0.005	<0.015	1.2	0.83

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-12	03/22/16	0.004	<0.001	<0.001	<0.003	0.56	<0.45
MW-12	09/22/16	0.0017	<0.001	<0.001	<0.003	0.29J	0.82J
MW-12	03/24/07	0.0087	0.00097J	<0.001	<0.003	0.18J	0.66
MW-12	09/19/17	0.0010	<0.001	<0.001	<0.003	0.080J	0.32J
MW-12	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-12	09/19/18	<0.001	<0.001	<0.001	<0.003	<0.500	0.8
MW-12	03/07/19	0.0004	<0.001	<0.001	<0.003	<0.50	1.3
MW-12	06/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-12	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.8
MW-12	12/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.9
MW-12	09/09/20	<0.001	<0.001	<0.001	<0.003	<0.5	<0.45
MW-12	03/17/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-13	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-13	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.99	<0.99
MW-13	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	1.10
MW-13	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	0.50
MW-13	06/25/01	0.480	0.001	<0.5	<0.002	2	<0.53
MW-13	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.51
MW-13	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	0.132
MW-13	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-13	10/16/02	NA	NA	NA	NA	NA	<0.102
MW-13	01/22/03	<1	<1	<1	<1	<0.10	<0.105
MW-13	04/24/03	<1	<1	<1	<1	<0.10	<0.105
MW-13	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.112
MW-13	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.26
MW-13	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-13	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
MW-13	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
MW-13	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.077
MW-13	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-13	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.120
MW-13	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-13	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.096
MW-13	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.086
MW-13	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-13	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-13	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-13	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-13	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.05
MW-13	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-13	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
MW-13	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-13	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-13	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13 Duplicate	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-13	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-13	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-13	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-13	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.30J
MW-13	03/24/17	0.00020J	<0.001	<0.001	<0.003	<0.50	<0.45
MW-13	09/19/17	0.000072J	0.00020J	<0.001	<0.003	0.016J	0.25J
MW-13	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.46
MW-13	09/19/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-13	03/07/19	<0.001	<0.001	<0.001	<0.003	<0.50	0
MW-13	06/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	1
MW-13	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-13	12/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	0
MW-13	03/03/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-14	06/02/00	0.370	0.005	0.002	0.011	<0.001	<0.001
MW-14	08/02/00	0.760	0.002	0.003	0.013	<0.001	<0.001
MW-14	11/15/00	0.840	0.001	<0.5	0.011	2.6	1.5
MW-14	03/06/01	0.730	<0.0025	<0.0025	0.011	2.8	<0.56
MW-14	06/25/01	0.340	0.001	<0.5	<0.002	1.4	NS
MW-14	09/26/01	0.370	<0.001	<0.001	<4.0	0.96	<0.50
MW-14	12/12/01	0.393	<0.010	<0.010	<0.010	0.89	0.148
MW-14	05/21/02	0.042	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-14	10/16/02	0.228	<0.0010	<0.0010	<0.0010	0.629	0.206
MW-14	01/23/03	0.130	<0.0010	<0.0010	<0.0010	0.375	0.108
MW-14	04/25/03	0.025	<0.0010	<0.0010	<0.0010	0.10	0.104
MW-14	07/14/03	0.057	<0.001	<0.001	<0.001	0.264	0.215
MW-14	10/20/03	<0.001	<0.001	<0.001	<0.003	0.11	0.14
MW-14	01/21/04	0.034	<0.001	<0.001	<0.003	0.18	0.12
MW-14	04/21/04	0.005	<0.001	<0.001	<0.003	<0.10	<0.20
MW-14	07/22/04	0.004	<0.001	<0.001	<0.003	<0.10	0.059
MW-14	10/28/04	0.002	<0.001	<0.001	<0.003	<0.10	<0.048
MW-14	01/26/05	0.006	<0.001	<0.001	<0.003	<0.10	<0.048
MW-14	04/20/05	0.004	<0.001	<0.001	<0.003	<0.10	0.086
MW-14	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.058
MW-14	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
MW-14	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
MW-14	04/27/06	<0.001	<0.001	0.001	<0.003	<0.10	0.055
MW-14	07/27/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.077
MW-14	10/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-14	01/25/07	<0.001	<0.001	<0.001	<0.003	0.11	0.18
MW-14	04/26/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.13
MW-14	07/25/07	<0.001	<0.001	<0.001	<0.003	0.10	0.20
MW-14	10/25/07	<0.001	<0.001	<0.001	<0.003	0.12	0.098
MW-14	01/30/08	<0.001	<0.001	<0.001	<0.003	0.11	0.12
MW-14	04/23/08	0.001	<0.001	<0.001	<0.001	0.10	0.64
MW-14	07/24/08	0.001	<0.001	<0.001	<0.001	<0.10	0.11
MW-14	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.1
MW-14	01/21/09	0.001	<0.001	<0.001	<0.001	<0.10	0.086
MW-14	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.37
MW-14	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.063
MW-14	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.075
MW-14	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.068
MW-14	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.14
MW-14	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.13
MW-14	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.076
MW-14	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-14	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-14	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-14	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-14	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-14	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-14	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.25J
MW-14	03/24/17	<0.001	<0.00094J	<0.001	<0.003	<0.50	<0.45
MW-14	09/19/17	0.000093J	0.00020J	<0.001	<0.003	0.011J	0.35J

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-15	06/02/00	0.83	0.77	0.130	0.170	2.1	2.1
MW-15	08/02/00	0.33	0.25	0.042	0.052	2.8	2.8
MW-15	11/15/00	2.00	2.00	0.470	0.650	29	3.0
MW-15	07/20/05	0.014	<0.001	0.008	<0.003	1.1	15
MW-15	10/19/05	0.003	<0.001	0.005	<0.003	0.70	7.8
MW-15	01/25/06	0.005	0.010	<0.001	<0.003	0.89	23
MW-15	04/26/06	0.004	0.010	0.006	<0.003	0.87	30
MW-15	07/26/06	<0.001	<0.001	0.003	<0.003	0.45	9.3
MW-15	10/25/06	<0.001	<0.001	4.7 F	<0.003	0.43	8.0
MW-15	01/25/07	<0.001	<0.001	<0.001	<0.003	0.32	7.0
MW-15	04/25/07	<0.001	<0.001	0.004	<0.003	0.43	3.6
MW-15	07/24/07	0.005	<0.001	0.005	<0.003	0.22	3.3
MW-15	10/24/07	<0.001	<0.001	0.003	<0.003	0.26	3.9
MW-15	01/30/08	0.002	<0.001	<0.001	<0.003	0.55	5.7
MW-15	04/23/08	0.001	<0.001	<0.001	0.001	0.43	11,000
MW-15	07/24/08	<0.010	<0.010	<0.010	<0.010	<0.001	0.37
MW-15	10/21/08	<0.001	0.002	<0.001	0.004	NA	2.6
MW-15	01/21/09	<0.001	<0.001	<0.001	0.001	0.38	14
MW-15	04/21/09	<0.001	<0.001	<0.001	0.001	0.20	27
MW-15	07/28/09	<0.001	<0.001	<0.001	<0.001	0.30	7.3
MW-15	10/27/09	<0.001	<0.001	<0.001	<0.001	0.16	8.5
MW-15	01/26/10	<0.001	<0.001	<0.001	<0.001	0.15	3
MW-15	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	4.3
MW-15	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	1.9
MW-15	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.48
MW-15	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	3.5
MW-15	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-15	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-15	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-16	06/02/00	0.001	0.001	0.021	0.007	<0.001	<0.001
MW-16	08/02/00	<0.5	<0.5	0.013	<0.002	<0.001	<0.001
MW-16	11/15/00	<0.5	0.001	0.004	<0.002	0.20	<0.50
MW-16	03/06/01	<0.5	0.001	0.008	<0.002	0.31	<0.56
MW-16	06/25/01	<0.5	<0.5	<0.5	<0.002	0.30	<0.56
MW-16	09/26/01	<0.5	0.001	<0.5	<0.002	0.19	<0.50
MW-16	12/12/01	0.002	<0.0010	<0.0010	<0.0010	0.132	0.248
MW-16	05/21/02	0.001	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-16	10/15/02	NA	NA	NA	NA	NA	NA
MW-16	01/22/03	0.001	<1	<1	<1	<0.10	0.124
MW-16	04/24/03	<1	<1	<1	<1	<0.10	0.124
MW-16	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.276
MW-16	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.98
MW-16	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-16	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
MW-16	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.08
MW-16	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
MW-16	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.050
MW-16	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.084
MW-16	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-16	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.063
MW-16	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.12
MW-16	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.12
MW-16	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-16	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-16	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-16	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
MW-16	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-16	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.25
MW-16	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-16	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-16	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-16	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.072
MW-16	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.055
MW-16	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.25
MW-16	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-16	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
MW-16	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-16	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-16	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-16	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-16	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-16	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-16	03/24/17	<0.001	<0.001	<0.001	<0.003	0.031J	<0.45
MW-17	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-17	08/02/00	0.006	<0.5	0.009	<0.002	<0.97	<0.97
MW-17	11/15/00	0.004	0.002	0.005	0.002	0.65	5.6
MW-17	03/06/01	0.007	0.002	0.039	0.014	0.98	<0.54
MW-17	06/25/01	0.001	<0.5	0.001	<0.002	0.44	NS
MW-17	09/26/01	0.001	0.002	0.001	<0.002	0.49	<0.50
MW-17	12/12/01	0.008	<0.0010	0.050	0.040	1.12	1.82
MW-17	05/21/02	0.004	<0.0010	0.002	<0.0010	0.423	0.834
MW-17	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	0.105	NA
MW-17	01/22/03	<1	<1	<1	<1	<0.001	0.124
MW-17	04/24/03	<1	<1	<1	<1	<0.001	0.124
MW-17	07/14/03	<0.0010	<1	<1	<1	<0.001	0.126
MW-17	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-17	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-17	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.072
MW-17	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
MW-17	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.068
MW-17	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.056
MW-17	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
MW-17	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.480
MW-17	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.230
MW-17	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
MW-17	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.08
MW-17	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
MW-17	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.25
MW-17	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.31
MW-17	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.33
MW-17	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	0.21
MW-18	06/02/00	0.60	0.001	0.120	0.045	<0.001	<0.001
MW-18	08/02/00	0.78	<0.5	0.150	0.046	<0.99	<0.99
MW-18	11/15/00	0.85	0.001	0.093	0.050	4.60	1.10
MW-18	03/06/01	0.84	<0.0025	0.160	0.065	8.70	<0.55
MW-18	06/25/01	0.66	0.003	0.150	<0.002	1.0	0.59
MW-18	09/26/01	0.50	<0.005	0.093	0.039	4.4	<0.51
MW-18	12/12/01	0.529	<0.010	0.127	0.054	4.05	0.261
MW-18	05/21/02	0.483	<0.0010	0.105	0.052	4.48	<0.101
MW-18	10/16/02	NA	NA	NA	NA	NA	0.174
MW-18	01/23/03	0.121	<1	0.011	0.016	1.86	<0.10
MW-18	04/25/03	0.591	<1	0.135	0.061	4.08	0.183
MW-18	07/14/03	0.589	<0.010	0.219	0.101	6.39	0.438
MW-18	10/20/03	0.30	0.002	<0.001	<0.003	1.90	0.13
MW-18	01/21/04	0.26	<0.001	0.130	0.073	4.30	0.11
MW-18	04/21/04	0.36	<0.001	0.069	0.055	3.0	<0.20
MW-18	07/22/04	0.52	<0.001	0.110	0.070	4.0	0.15
MW-18	10/28/04	0.30	<0.001	0.009	0.019	1.6	0.12
MW-18	01/26/05	0.31	<0.001	0.014	0.024	1.8	0.15
MW-18	04/20/05	0.55	<0.001	0.049	0.031	2.7	0.15
MW-18	07/21/05	<0.001	<0.001	<0.001	<0.003	3.5	0.11
MW-18	10/20/05	0.82	0.008	0.049	0.037	3.7	0.18

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-18	01/26/06	0.89	0.033	0.037	0.046	3.9	0.12
MW-18	04/27/06	1.60	0.054	0.071	0.083	6.1	0.14
MW-18	07/27/06	2.40	0.140	0.086	0.110	8.7	0.54
MW-18	10/26/06	2.60	0.100	0.200	0.400	8.9	0.19
MW-18	01/26/07	2.70	<0.001	0.110	0.096	9.3	0.27
MW-18	04/26/07	3.00	<0.001	0.230	0.200	9.2	0.30
MW-18	07/25/07	2.70	<0.001	0.096	0.087	9.6	0.42
MW-18	10/25/07	2.60	<0.001	0.081	0.083	7.9	0.29
MW-18	01/30/08	3.50	<0.001	0.078	0.051	7	0.29
MW-18	04/24/08	3.10	<0.010	0.080	0.059	8.6	0.31
MW-18	07/24/08	4.80	<0.005	0.058	0.039	10	0.22
MW-18	10/22/08	5.20	0.002	0.140	0.108	NA	0.25
MW-18	01/21/09	3.90	<0.025	0.100	0.064	11	0.24
MW-18	04/22/09	4.40	<0.001	0.120	0.118	12	0.19
MW-18	07/29/09	5.00	<0.001	0.140	0.142	15	0.26
MW-18	10/28/09	4.50	<0.001	0.120	0.125	12	0.29
MW-18	01/27/10	5.00	<0.001	0.130	0.152	15	0.3
MW-18	04/28/10	4.30	<0.010	0.170	0.209	13	0.37
MW-18	07/28/10	5.60	<0.020	0.130	0.203	17	0.54
MW-18	10/27/10	5.90	<0.005	0.180	0.210	15	0.39
MW-18	01/26/11	4.10	<0.05	0.110	0.154	13	0.73
MW-18	10/13/11	6.07	<0.05	0.117	0.198	24	<0.5
MW-18	05/31/12	5.32	<0.05	<0.05	0.150	7	0.54
MW-18	02/28/13	2.47	<0.05	<0.05	<0.15	6.9	<0.50
MW-18	07/29/13	1.01	<0.001	<0.001	<0.003	2.7	<0.50
MW-18	03/26/14	0.68	<0.001	<0.001	<0.003	2.2	0.59
MW-18	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	0.69
MW-18	07/29/15	<0.001	<0.001	<0.001	<0.003	0.53	0.75
MW-18	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.050	0.52
MW-18	09/22/16	0.0003J	<0.001	<0.001	<0.003	0.24J	0.35J
MW-18 Duplicate	09/22/16	0.00029J	<0.001	<0.001	<0.003	.25J	0.51
MW-18	03/24/17	0.00029J	0.00099J	<0.001	<0.003	0.093J	0.39J
MW-18	09/19/17	0.00023J	0.00023J	<0.001	<0.003	0.13J	0.59
MW-18	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-18	06/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.93
MW-18	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	NS
MW-18	12/05/19	<0.001	<0.001	<0.001	<0.003	0.1	0.83
MW-18	03/03/20	<0.001	<0.001	<0.001	<0.003	<0.50	0.68
MW-19	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-19	08/02/00	0.002	0.006	<0.5	0.011	<0.001	<0.001
MW-19	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	<0.51
MW-19	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.55
MW-19	06/25/01	<0.5	0.001	<0.5	<0.002	<0.10	<0.56
MW-19	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.54
MW-19	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-19	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	0.106	<0.101
MW-19	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-19	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-19	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-19	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	<0.10
MW-19	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.17
MW-19	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-19	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-19	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.048
MW-19	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.084
MW-19	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	07/27/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
MW-19	10/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-19	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.059

Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
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Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-19	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.061
MW-19	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-19	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-19	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-19	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-19	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-19	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-19	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.098
MW-19	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-19	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.067
MW-19	01/26/11	<0.001	<0.001	<1.0	<0.001	<0.10	<0.22
MW-19	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-19	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-19	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-19	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-20	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
MW-20	08/02/00	0.004	0.004	0.004	0.013	<0.001	<0.001
MW-20	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	1.20
MW-20	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	0.55
MW-20	06/25/01	<0.5	0.001	<0.5	<0.002	<0.10	<0.56
MW-20	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.52
MW-20	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-20	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-20	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	NA
MW-20	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-20	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-20	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.10
MW-20	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.63
MW-20	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-20	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
MW-20	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.067
MW-20	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-20	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.061
MW-20	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.075
MW-20	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-20	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-20	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-20	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-20	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.19
MW-20	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-20	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.067
MW-20	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.092
MW-20	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.07
MW-20	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.056
MW-20	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.074
MW-20	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
MW-20	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-20	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-20	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-20	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-20	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5

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Hobbs, Lea County, New Mexico

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-20	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-20	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-20	03/24/17	<0.001	0.00023J	<0.001	<0.003	<0.50	<0.50
MW-21	06/13/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-21	10/15/02	NA	NA	NA	NA	NA	<0.105
MW-21	01/22/03	<1	<1	<1	<1	<0.10	<0.116
MW-21	04/24/03	<1	<1	<1	<1	<0.10	<0.116
MW-21	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.14
MW-21	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.75
MW-21	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-21	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-21	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-21	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	0.090
MW-21	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-21	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.25
MW-21	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-21	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
MW-21	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-21	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-21	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.074
MW-21	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-21	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
MW-21	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.18
MW-21	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-21	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
MW-21	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-21	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-21	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-21	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-21	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.14
MW-21	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
MW-21	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-21	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-21	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-21	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-21	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-21	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-21	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-21	03/24/17	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	06/13/02	NA	NA	NA	NA	NA	<0.10
MW-22	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
MW-22	10/15/02	<0.001	<0.001	<0.001	<0.001	<0.10	<0.102
MW-22	01/22/03	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
MW-22	04/24/03	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
MW-22	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	<0.10
MW-22	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.35
MW-22	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-22	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.094
MW-22	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
MW-22	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-22	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.081
MW-22	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-22	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.068
MW-22	04/26/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
MW-22	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.13
MW-22	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
MW-22	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-22	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-22	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-22	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-22	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.061
MW-22	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-22	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-22	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-22	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-22	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-22	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-22	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22 Duplicate	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	03/27/17	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	09/19/17	0.00020J	<0.001	<0.001	<0.003	0.014J	0.34J
MW-22	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-22	09/19/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	03/07/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	06/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	12/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.4
MW-22	03/03/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-22	09/09/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	06/13/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-23	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	0.353
MW-23	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-23	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
MW-23	07/14/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
MW-23	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
MW-23	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
MW-23	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.089
MW-23	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
MW-23	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-23	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.099
MW-23	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.055
MW-23	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.097
MW-23	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.052
MW-23	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.098
MW-23	10/24/07	0.002	<0.001	0.001	<0.003	<0.10	<0.050
MW-23	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
MW-23	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-23	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-23	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
MW-23	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.24

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-23	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-23	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
MW-23	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-23	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-23	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-23	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-23	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-23	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-23	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	03/27/17	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	09/19/17	0.000067J	<0.001	<0.001	<0.003	<0.50	0.31J
MW-23	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.47
MW-23	06/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-23	03/03/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-23	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	NS
MW-23	12/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.40
MW-24	07/22/04	0.400	0.036	0.037	0.035	2.2	0.45
MW-24	10/27/04	0.048	0.005	0.011	<0.003	0.65	0.33
MW-24	01/26/05	0.080	<0.001	0.017	0.012	0.65	0.32
MW-24	04/20/05	0.150	<0.001	0.038	0.014	2.2	0.53
MW-24	07/20/05	0.065	0.004	0.023	0.005	0.55	0.51
MW-24	10/19/05	0.140	<0.001	0.060	0.021	1.9	0.38
MW-24 Duplicate	10/19/05	0.110	<0.001	0.031	0.011	1.2	0.43
MW-24	01/25/06	0.093	0.002	0.035	0.011	1.3	0.54
MW-24 Duplicate	01/25/06	0.075	0.007	0.030	0.010	1.1	0.42
MW-24	04/26/06	0.230	0.029	0.080	0.029	3.4	0.24
MW-24 Duplicate	04/26/06	0.200	0.024	0.065	0.024	2.6	0.42
MW-24	07/26/06	0.100	0.039	0.068	0.026	1.4	0.58
MW-24 Duplicate	07/26/06	0.110	0.043	0.072	0.027	1.4	0.55
MW-24	10/25/06	0.045	0.019	0.041	0.017	1.2	0.22
MW-24 Duplicate	10/25/06	0.046	0.020	0.040	0.017	1.2	0.26
MW-24	01/25/07	0.019	0.007	0.034	0.012	0.68	0.34
MW-24 Duplicate	01/25/07	0.021	0.008	0.035	0.012	0.92	0.34
MW-24	04/25/07	0.006	0.002	0.016	0.003	0.22	0.35
MW-24 Duplicate	04/25/07	0.002	<0.001	0.007	<0.003	0.19	0.30
MW-24	07/24/07	0.006	0.002	0.017	0.003	8.0	0.26
MW-24 Duplicate	07/24/07	0.005	0.001	0.015	0.003	0.34	0.21
MW-24	10/24/07	<0.001	<0.001	0.003	<0.003	0.26	3.9
MW-24	01/30/08	0.002	<0.001	0.007	0.001	0.21	0.16
MW-24	04/23/08	0.001	<0.001	0.008	0.001	0.21	0.27
MW-24 Duplicate	04/23/08	0.003	0.003	0.033	0.007	0.63	0.26
MW-24	07/24/08	0.003	0.003	0.019	0.005	0.29	0.32
MW-24 Duplicate	07/24/08	0.005	0.005	0.036	0.009	0.54	0.27
MW-24	10/21/08	<0.001	0.001	0.002	<0.001	NA	0.26
MW-24 Duplicate	10/21/08	0.004	0.013	0.038	0.010	NA	0.34
MW-24	01/21/09	0.002	0.007	0.016	0.006	0.79	0.48
MW-24 Duplicate	01/21/09	<0.001	0.002	0.003	0.002	1.1	0.45
MW-24	04/21/09	0.002	0.015	0.036	0.016	1.3	0.38
MW-24 Duplicate	04/21/09	0.002	0.004	0.016	0.005	0.46	0.34
MW-24	07/28/09	<0.001	0.004	0.007	0.003	0.86	0.44
MW-24 Duplicate	07/28/09	0.001	0.004	0.015	0.004	0.86	0.52
MW-24	10/28/09	<0.001	<0.001	0.007	0.002	0.81	0.53
MW-24 Duplicate	10/28/09	<0.001	<0.001	0.014	0.002	0.76	0.47
MW-24	01/26/10	0.001	<0.001	0.008	<0.001	0.73	0.42
MW-24 Duplicate	01/26/10	0.001	<0.001	0.008	<0.001	0.67	0.4
MW-24	04/27/10	0.003	<0.001	0.006	<0.001	0.51	0.44
MW-24 Duplicate	04/27/10	0.004	<0.001	0.006	<0.001	0.52	0.75

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-24	07/27/10	0.003	<0.001	0.008	<0.001	0.37	0.30
MW-24 Duplicate	07/27/10	0.001	<0.001	0.001	<0.001	0.26	0.33
MW-24	10/26/10	0.002	<0.001	0.004	<0.001	0.22	0.20
MW-24 Duplicate	10/26/10	0.002	<0.001	0.005	<0.001	0.21	0.24
MW-24	01/25/11	<0.001	<0.001	<0.001	<0.001	0.15	0.41
MW-24 Duplicate	01/25/11	0.002	<0.001	0.005	<0.001	0.19	0.31
MW-24	10/12/11	0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-24	05/31/12	<0.01	<0.01	0.006	<0.003	0.05	<0.5
MW-24	02/27/13	<0.001	<0.001	<0.001	<0.003	<0.50	1.1
MW-24	07/24/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-24	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	0.50
MW-24	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-24	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-24	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	03/24/17	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24 Duplicate	03/24/17	0.00021J	<0.001	<0.001	<0.003	0.024J	<0.45
MW-24	09/19/17	<0.001	<0.001	<0.001	<0.003	<0.50	0.56
MW-24	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-24	09/19/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	03/07/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.38
MW-24	06/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	12/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.31
MW-24	03/05/20	<0.001	<0.001	<0.001	<0.003	<0.50	0.51
MW-24	09/09/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-24	03/16/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-24	09/15/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-24	03/29/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-24	09/07/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-24	6/22/2023	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.1

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

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-25	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-25	03/12/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-25	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-25	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-25	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	0.27J
MW-25 Duplicate	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-25	09/19/17	<0.001	<0.001	<0.001	<0.003	<0.50	0.52
MW-25	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-25	09/19/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-25	03/07/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-25	06/05/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-25	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-25	12/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.34
MW-25	03/05/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-25	09/09/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-25	03/16/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.45
MW-25	09/14/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-25	03/29/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-26	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-26	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
MW-26	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.066
MW-26	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
MW-26	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.35
MW-26	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.30
MW-26	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.98
MW-26	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.65
MW-26	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.092
MW-26	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.89
MW-26	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.39
MW-26	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
MW-26	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-26	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.29
MW-26	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.053
MW-26	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.71
MW-26	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.051
MW-26	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.078
MW-26	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-26	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
MW-26	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-26	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-26	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26 Duplicate	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	07/29/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-26	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26 Duplicate	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	03/27/17	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	09/19/17	0.00011J	<0.001	<0.001	<0.003	0.014J	0.36J
MW-26 Duplicate	09/19/17	<0.001	<0.001	<0.001	<0.003	<0.50	0.36J
MW-26	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.47
MW-26	09/19/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	03/07/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	06/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-26	12/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.51
MW-26	03/05/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-26	09/10/20	<0.001	<0.001	<0.001	<0.003	<0.5	<0.45
MW-26	03/16/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-26	09/15/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-26	03/29/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-26	09/07/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-26	3/21/2023	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.1
MW-26	6/22/2023	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.1
MW-26 Duplicate	6/22/2023	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.1
MW-26	9/20/2023	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	0
MW-26	12/19/23	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.1
MW-27	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.095
MW-27	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-27 Duplicate	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-27	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
MW-27	01/25/06	0.007	<0.001	<0.001	<0.003	<0.10	0.16
MW-27 Duplicate	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.17
MW-27	04/26/06	0.052	0.014	0.006	0.017	0.45	0.097
MW-27	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
MW-27	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.47
MW-27	01/25/07	0.001	<0.001	<0.001	<0.003	<0.10	0.12
MW-27	04/25/07	0.030	0.003	0.002	<0.003	<0.10	0.62
MW-27	07/25/07	0.002	<0.001	<0.001	<0.003	<0.10	0.94
MW-27	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.22
MW-27	01/30/08	0.006	<0.001	<0.001	<0.003	<0.10	<0.10
MW-27	04/23/08	0.037	0.008	0.002	0.002	0.14	<0.10
MW-27	07/24/08	0.140	0.033	0.006	0.011	0.57	0.20
MW-27	10/22/08	0.013	0.001	<0.001	<0.001	NA	0.07
MW-27	01/21/09	0.170	0.009	0.002	0.008	0.48	<0.05
MW-27	04/22/09	0.120	0.007	0.003	0.007	0.40	<0.05
MW-27	07/29/09	0.027	0.003	<0.001	<0.001	0.13	<0.05
MW-27	10/28/09	0.019	0.001	<0.001	<0.001	<0.10	<0.05
MW-27	01/27/10	0.005	<0.001	<0.001	<0.001	<0.10	<0.05
MW-27	04/28/10	0.046	0.001	<0.001	0.002	0.15	0.057
MW-27	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
MW-27	10/27/10	0.005	<0.001	<0.001	<0.001	<0.10	<0.05
MW-27	01/26/11	0.008	<0.001	<0.001	<0.001	<0.10	<0.21
MW-27	10/13/11	0.057	0.010	0.004	0.008	<0.5	<0.5
MW-27	05/31/12	0.061	0.008	0.006	0.009	0.12	<0.5
MW-27	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27 Duplicate	02/28/13	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27	07/29/13	<0.001	<0.001	<0.001	<0.003	0.83	<0.50
MW-27	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27 Duplicate	03/26/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27	07/30/14	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27	03/11/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	07/29/15	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	03/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	03/27/17	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	09/19/17	0.00011J	0.00018J	<0.001	<0.003	<0.50	0.52
MW-27	03/22/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.48
MW-27	09/19/18	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	03/07/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27 Duplicate	03/07/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.28
MW-27	06/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	09/04/19	<0.001	<0.001	<0.001	<0.003	<0.50	<0.45
MW-27	12/06/19	<0.001	<0.001	<0.001	<0.003	<0.50	0.43
MW-27	03/05/20	<0.001	<0.001	<0.001	<0.003	<0.50	<0.50
MW-27	09/10/20	<0.001	<0.001	<0.001	<0.003	<0.5	<0.45
MW-27	03/16/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.45
MW-27	09/15/21	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-27	03/29/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.48
MW-27	09/07/22	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.50
MW-27	3/21/2023	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.10

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

Monitor Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		0.010	0.75	0.75	0.62	ne	ne
MW-27	6/22/2023	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.10
MW-27	9/20/2023	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	0.30
MW-27	12/19/23	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.10
MW-27 -Duplicate	12/19/23	<0.0010	<0.0010	<0.0010	<0.0030	<0.50	<0.10
SVE-10	01/23/03	1.120	0.136	0.188	0.331	8.89	0.961
SVE-10	04/25/03	0.367	0.560	0.069	0.296	5.18	1.30
SVE-10	07/14/03	0.189	0.030	0.027	0.086	1.74	0.991
SVE-10	10/20/03	<0.001	<0.001	<0.001	<0.003	0.42	0.46
SVE-10	01/22/04	0.002	0.001	0.002	<0.003	<0.10	0.42
SVE-10	04/22/04	0.110	<0.001	0.011	<0.003	0.41	0.35
SVE-10	07/23/04	0.077	<0.001	0.014	<0.003	0.46	0.48
SVE-10	10/28/04	0.024	0.002	0.010	0.008	0.40	1.2
SVE-10	01/27/05	0.012	<0.001	0.012	<0.003	0.19	0.68
SVE-10	04/20/05	<0.001	<0.001	0.014	<0.003	0.12	0.35
SVE-10	07/21/05	0.023	0.001	0.027	<0.003	0.26	0.47
SVE-10	10/20/05	0.022	0.001	0.025	<0.003	0.27	0.29
SVE-10	01/26/06	0.002	<0.001	0.020	<0.003	0.29	0.52
SVE-10	04/27/06	<0.001	<0.001	0.010	<0.003	0.21	0.30
SVE-10	07/27/06	<0.001	<0.001	0.004	<0.003	0.17	0.28
SVE-10	10/26/06	<0.001	<0.001	<0.001	<0.003	0.16	0.17
SVE-10	01/26/07	0.004	<0.001	0.005	<0.003	0.42	0.42
SVE-10	04/26/07	0.002	<0.001	0.012	<0.003	0.56	0.41
SVE-10	07/25/07	0.003	<0.001	0.008	<0.003	0.52	0.42
SVE-10	10/25/07	<0.001	<0.001	0.003	<0.003	0.39	0.30
SVE-10	01/31/08	0.021	<0.001	0.022	<0.003	0.43	0.21
SVE-10	04/24/08	0.014	<0.001	0.026	<0.001	0.56	0.26
SVE-10	07/25/08	0.180	<0.001	0.016	0.012	0.68	0.28
SVE-10	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.2
SVE-10	01/21/09	0.001	<0.001	<0.001	<0.001	0.18	0.18
SVE-10	04/22/09	0.003	<0.001	<0.001	<0.001	0.11	0.32
SVE-10	07/29/09	<0.001	<0.001	<0.001	<0.001	0.12	0.17
SVE-10	10/28/09	<0.001	<0.001	<0.001	<0.001	0.56	0.34
SVE-10	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.1
SVE-10	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.089
SVE-10	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-10	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-10	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
SVE-10	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
SP-1	06/02/00	0.009	0.007	0.003	0.007	<0.001	<0.001

Notes:

mg/L = milligrams per liter

ne = not established

< = Analyte was detected below the laboratory detection limit

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

NMWQCC = New Mexico Water Quality Control Commission

Shaded/bolded values exceed their respective NMWQCC Standard for Groundwater.

J Value = Laboratory Detection Limit < Analyte Result < Laboratory Reporting Limit

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-1	3/22/2018	74	--	--	--
MW-1	9/19/2018	162	--	--	--
MW-1	3/7/2019	111	--	--	--
MW-1	6/6/2019	124	--	--	--
MW-1	9/4/2019	138	--	--	--
MW-1 Duplicate	9/4/2019	140	--	--	--
MW-1	12/5/2019	139	--	--	--
MW-1 Duplicate	12/5/2019	136	--	--	--
MW-1	3/5/2020	127	--	--	--
MW-1 Duplicate	3/5/2020	128	--	--	--
MW-1	9/10/2020	142	--	--	--
MW-1 Duplicate	9/10/2020	149	--	--	--
MW-1	03/17/21	140	--	--	--
MW-1	9/15/2021	178	--	--	--
MW-1 Duplicate	9/15/2021	191	--	--	--
MW-1	3/30/2022	168	--	--	--
MW-1	9/7/2022	179	--	--	--
MW-1	3/21/2023	85.8	--	--	--
MW-1	6/22/2023	90.2	--	--	--
MW-1	9/20/2023	130.0	--	--	--
MW-1	12/19/2023	152	--	--	--
MW-2	07/29/09	66.1	--	--	--
MW-2	10/28/09	89.1	--	--	--
MW-2	01/27/10	67.2	--	--	--
MW-2	03/27/17	52.9	--	--	--
MW-2	09/19/18	79.3	--	--	--
MW-2	03/07/19	62.6	--	--	--
MW-2	06/06/19	69.5	--	--	--
MW-2	09/04/19	107.0	--	--	--
MW-2	12/05/19	51.3	--	--	--
MW-2 Duplicate	12/05/19	51.9	--	--	--
MW-2	03/05/20	47.5	--	--	--
MW-2	09/10/20	68.9	--	--	--
MW-2	03/17/21	92.8	--	--	--
MW-2	09/15/21	111	--	--	--
MW-2	3/30/2022	97	--	--	--
MW-2 Duplicate	3/30/2022	106.0	--	--	--
MW-2	9/7/2022	104	--	--	--
MW-2	3/21/2023	46.5	--	--	--
MW-2	6/22/2023	46.7	--	--	--
MW-2	9/20/2023	102.0	--	--	--
MW-2	12/19/23	103.0	--	--	--
MW-3	01/23/03	176	--	--	--
MW-3	04/24/08	47.9	--	--	--
MW-3	07/25/08	44.7	--	--	--
MW-3	10/22/08	32.9	--	--	--
MW-3	07/29/09	36.8	--	--	--
MW-3	10/28/09	43.2	--	--	--
MW-3	01/27/10	38.2	--	--	--
MW-3	04/28/10	35.4	--	--	--
MW-3	05/31/12	39.7	--	--	--
MW-3	03/12/15	50.5	--	--	--
MW-3	03/12/15	49.5	--	--	--
MW-3	07/29/15	36.4	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-3 Duplicate	07/29/15	36.4	--	--	--
MW-3	03/22/16	38.9	--	--	--
MW-3	03/24/17	58.7	--	--	--
MW-3	09/19/17	44.1	--	--	--
MW-3 Duplicate	09/19/17	44.3	--	--	--
MW-3	03/22/18	47.8	--	--	--
MW-3	09/19/18	139.0	--	--	--
MW-3	03/07/19	57.2	--	--	--
MW-3	06/06/19	65.8	--	--	--
MW-3	09/04/19	61.0	--	--	--
MW-3	12/05/19	58.3	--	--	--
MW-3	03/05/20	55.7	--	--	--
MW-3	09/10/20	55.2	--	--	--
MW-3 Duplicate	09/10/20	71.2	--	--	--
MW-3	03/17/21	76.5	--	--	--
MW-3 Duplicate	03/17/21	75.9	--	--	--
MW-3	09/15/21	81.8	--	--	--
MW-3	3/30/2022	84	--	--	--
MW-3	9/7/2022	85	--	--	--
MW-3 Duplicate	9/7/2022	90.5	--	--	--
MW-3	3/22/2023	<1000	--	--	--
MW-3	6/22/2023	150	--	--	--
MW-3	9/20/2023	117	--	--	--
MW-3	12/19/23	81.7	--	--	--
MW-4	01/13/00	210	--	--	--
MW-4	04/06/00	180	--	--	--
MW-4	08/02/00	140	--	--	--
MW-4	11/15/00	180	--	--	--
MW-4	03/06/01	180	--	--	--
MW-4	06/25/01	200	--	--	--
MW-4	09/26/01	180	--	--	--
MW-4	12/12/01	158	--	--	--
MW-4	05/21/02	144	569	1,330	51
MW-4	10/16/02	81	--	--	--
MW-4	01/23/03	173	--	--	--
MW-4	04/25/03	159	--	--	--
MW-4	07/14/03	166	--	--	--
MW-4	10/17/03	190	--	--	--
MW-4	01/22/04	176	--	--	--
MW-4	04/22/04	180	--	--	--
MW-4	07/22/04	192	--	--	--
MW-4	10/28/04	186	--	--	--
MW-4	01/26/05	173	--	--	--
MW-4	04/20/05	128	--	--	--
MW-4	07/20/05	51.5	--	--	--
MW-4	10/19/05	37.7	--	--	--
MW-4	01/25/06	39.4	--	--	--
MW-4	04/26/06	58.0	--	--	--
MW-4	07/26/06	48.1	--	--	--
MW-4	10/25/06	113.0	--	--	--
MW-4	01/25/07	52.1	--	--	--
MW-4	04/25/07	68.8	--	--	--
MW-4	07/25/07	51.6	--	--	--
MW-4	10/24/07	38.5	--	--	--
MW-4	01/30/08	36.8	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-4	04/23/08	34.5	--	--	--
MW-4	07/24/08	41.7	--	--	--
MW-4	10/22/08	32.9	--	--	--
MW-4	01/21/09	34.4	--	--	--
MW-4	04/22/09	33.7	--	--	--
MW-4	07/29/09	42.7	--	--	--
MW-4	10/28/09	62.2	--	--	--
MW-4	01/26/10	52.6	--	--	--
MW-4	04/27/10	68.2	--	--	--
MW-4	07/27/10	63.1	--	--	--
MW-4	10/26/10	61.9	--	--	--
MW-4	01/25/11	73.3	--	--	--
MW-4	10/13/11	93.1	--	--	--
MW-4	05/31/12	145	--	--	--
MW-4	02/28/13	122	--	--	--
MW-4	07/29/13	77.4	--	--	--
MW-4	09/22/16	152	--	--	--
MW-4	03/27/17	154	--	--	--
MW-5	01/13/00	130	--	--	--
MW-5	04/06/00	130	--	--	--
MW-5	08/02/00	130	--	--	--
MW-5	11/15/00	180	--	--	--
MW-5	03/06/01	210	--	--	--
MW-5	06/25/01	240	--	--	--
MW-5	09/26/01	260	--	--	--
MW-5	12/12/01	216	--	--	--
MW-5	05/21/02	180	619	698	29
MW-5	10/16/02	51	--	--	--
MW-5	01/23/03	187	--	--	--
MW-5	04/25/03	173	--	--	--
MW-5	07/14/03	184	--	--	--
MW-5	10/17/03	192	--	--	--
MW-5	01/22/04	179	--	--	--
MW-5	04/22/04	188	--	--	--
MW-5 Duplicate	04/22/04	189	--	--	--
MW-5	07/23/04	197	--	--	--
MW-5	10/28/04	196	--	--	--
MW-5	01/26/05	190	--	--	--
MW-5 Duplicate	01/26/05	188	--	--	--
MW-5	04/20/05	184	--	--	--
MW-5	07/20/05	196	--	--	--
MW-5	10/19/05	187	--	--	--
MW-5	01/25/06	200	--	--	--
MW-5	04/26/06	196	--	--	--
MW-5	07/26/06	177	--	--	--
MW-5	10/25/06	133	--	--	--
MW-5	01/25/07	71.0	--	--	--
MW-5	04/25/07	48.7	--	--	--
MW-5	07/25/07	44.8	--	--	--
MW-5	10/24/07	32.9	--	--	--
MW-5	01/30/08	38.6	--	--	--
MW-5	04/23/08	36.1	--	--	--
MW-5	07/24/08	21.4	--	--	--
MW-5	10/22/08	19.5	--	--	--
MW-5	01/21/09	24.5	--	--	--
MW-5	04/22/09	22.1	--	--	--
MW-5	07/29/09	22.6	--	--	--
MW-5	10/28/09	40.9	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-5	01/26/10	40.5	--	--	--
MW-5	04/27/10	64.6	--	--	--
MW-5	07/27/10	64.1	--	--	--
MW-5	10/26/10	67.2	--	--	--
MW-5	01/25/11	90.1	--	--	--
MW-5	10/13/11	98.8	--	--	--
MW-5	05/31/12	74.3	--	--	--
MW-5	02/28/13	66	--	--	--
MW-5	07/29/13	107	--	--	--
MW-5 Duplicate	07/29/13	68	--	--	--
MW-5	03/27/17	77.9	--	--	--
MW-6	01/13/00	230	--	--	--
MW-6	04/06/00	200	--	--	--
MW-6	07/20/05	106	--	--	--
MW-6	10/20/05	99.2	--	--	--
MW-6	01/26/06	161	--	--	--
MW-6	07/27/06	90.1	--	--	--
MW-6	10/26/06	60.6	--	--	--
MW-6	01/26/07	62.5	--	--	--
MW-6	04/26/07	85.4	--	--	--
MW-6	07/25/07	126	--	--	--
MW-6	10/25/07	170	--	--	--
MW-6 Duplicate	10/25/07	155	--	--	--
MW-6	01/31/08	147	--	--	--
MW-6 Duplicate	01/31/08	146	--	--	--
MW-6	04/24/08	121	--	--	--
MW-6	07/25/08	101	--	--	--
MW-6	10/22/08	97.9	--	--	--
MW-6	01/21/09	111	--	--	--
MW-6	04/22/09	107	--	--	--
MW-6	07/29/09	124	--	--	--
MW-6	10/28/09	163	--	--	--
MW-6	01/27/10	112	--	--	--
MW-6	04/28/10	92.6	--	--	--
MW-6	07/28/10	111	--	--	--
MW-6	10/27/10	102	--	--	--
MW-6	01/26/11	85.4	--	--	--
MW-6	10/13/11	75.1	--	--	--
MW-6	05/31/12	63.6	--	--	--
MW-6	02/28/13	92.4	--	--	--
MW-6	07/29/13	119	--	--	--
MW-6	03/26/14	171	--	--	--
MW-6	07/30/14	169	--	--	--
MW-6	03/12/15	180	--	--	--
MW-6	07/29/15	174	--	--	--
MW-6	03/22/16	172	--	--	--
MW-6	09/22/16	147	--	--	--
MW-6	03/27/17	118	--	--	--
MW-6	09/19/17	147	--	--	--
MW-6	03/22/18	153	--	--	--
MW-6	09/19/18	152	--	--	--
MW-6	03/07/19	127	--	--	--
MW-6	06/06/19	126	--	--	--
MW-6	09/04/19	142	--	--	--
MW-6	12/05/19	144	--	--	--
MW-6	03/05/20	152	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-6	09/10/20	156	--	--	--
MW-6	03/17/21	166	--	--	--
MW-7	05/31/12	90.8	--	--	--
MW-7	02/28/13	84.3	--	--	--
MW-7	07/29/13	86.7	--	--	--
MW-7	03/24/17	102	--	--	--
MW-8	01/13/00	160	--	--	--
MW-8	04/06/00	90	--	--	--
MW-8	08/02/00	84	--	--	--
MW-8	11/15/00	100	--	--	--
MW-8	03/06/01	87	--	--	--
MW-8	06/25/01	75	--	--	--
MW-8	09/26/01	72	--	--	--
MW-8	12/12/01	85	--	--	--
MW-8	05/21/02	104	546	638	76
MW-8	10/16/02	42.4	--	--	--
MW-8	01/22/03	106	--	--	--
MW-8	01/31/08	107	--	--	--
MW-8	05/31/12	129	--	--	--
MW-8	02/28/13	124	--	--	--
MW-8	07/29/13	140	--	--	--
MW-8	03/26/14	147	--	--	--
MW-8	07/30/14	165	--	--	--
MW-8	03/11/15	142	--	--	--
MW-8	03/11/15	143	--	--	--
MW-8	07/29/15	142	--	--	--
MW-8	03/22/16	142	--	--	--
MW-8	09/22/16	150	--	--	--
MW-8	03/27/17	152	--	--	--
MW-8	09/19/17	150	--	--	--
MW-8	03/22/18	140	--	--	--
MW-8	09/19/18	164	--	--	--
MW-8	03/07/19	148	--	--	--
MW-8	06/06/19	157	--	--	--
MW-8	09/04/19	170	--	--	--
MW-8	12/06/19	164	--	--	--
MW-8	03/05/20	163	--	--	--
MW-8	09/10/20	144	--	--	--
MW-8	03/17/21	151	--	--	--
MW-8	09/14/21	176	--	--	--
MW-8	3/29/2022	133	--	--	--
MW-8	9/7/2022	147	--	--	--
MW-8	9/20/2023	151	--	--	--
MW-9	04/24/08	55.1	--	--	--
MW-9	03/24/17	49.9	--	--	--
MW-9 Duplicate	03/24/17	47.0	--	--	--
MW-9	03/22/18	48.8	--	--	--
MW-9 Duplicate	03/22/18	50.7	--	--	--
MW-9	09/19/18	461.0	--	--	--
MW-9 Duplicate	09/18/18	538.0	--	--	--
MW-9	03/07/19	122.0	--	--	--
MW-9	06/06/19	119.0	--	--	--
MW-9	09/04/19	131.0	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-10	01/13/00	180	--	--	--
MW-10	04/06/00	180	--	--	--
MW-10	08/02/00	140	--	--	--
MW-10	05/31/12	141	--	--	--
MW-10	02/28/13	113	--	--	--
MW-10	07/29/13	136	--	--	--
MW-10	03/12/15	133	--	--	--
MW-10	03/22/16	132	--	--	--
MW-10	09/22/16	156	--	--	--
MW-10	03/24/17	138	--	--	--
MW-10	09/19/17	135	--	--	--
MW-11	04/06/00	310	--	--	--
MW-11	08/02/00	270	--	--	--
MW-11	11/15/00	300	--	--	--
MW-11	03/06/01	280	--	--	--
MW-11	06/25/01	290	--	--	--
MW-11	04/24/08	238	--	--	--
MW-11	07/25/08	271	--	--	--
MW-11	10/22/08	185	--	--	--
MW-11	01/21/09	206	--	--	--
MW-11	07/29/09	228	--	--	--
MW-11	10/28/09	303	--	--	--
MW-11	01/27/10	232	--	--	--
MW-11	07/28/10	250	--	--	--
MW-12	04/06/00	190	--	--	--
MW-12	08/02/00	150	--	--	--
MW-12	11/15/00	190	--	--	--
MW-12	03/06/01	180	--	--	--
MW-12	06/25/01	190	--	--	--
MW-12	09/26/01	180	--	--	--
MW-12	12/12/01	169	--	--	--
MW-12	05/21/02	180	864	2,050	478
MW-12	10/16/02	69.5	--	--	--
MW-12	01/23/03	180	--	--	--
MW-12	04/25/03	179	--	--	--
MW-12	07/14/03	204	--	--	--
MW-12	10/20/03	197	--	--	--
MW-12	01/21/04	183	--	--	--
MW-12	04/21/04	188	--	--	--
MW-12	07/23/04	195	--	--	--
MW-12 Duplicate	07/23/04	196	--	--	--
MW-12	10/28/04	196	--	--	--
MW-12	01/27/05	187	--	--	--
MW-12 Duplicate	01/27/05	193	--	--	--
MW-12	04/20/05	151	--	--	--
MW-12 Duplicate	04/20/05	154	--	--	--
MW-12	07/21/05	180	--	--	--
MW-12 Duplicate	07/21/05	179	--	--	--
MW-12	10/20/05	149	--	--	--
MW-12 Duplicate	10/20/05	158	--	--	--
MW-12	01/26/06	168	--	--	--
MW-12 Duplicate	01/26/06	183	--	--	--
MW-12	04/27/06	169	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-12 Duplicate	04/27/06	178	--	--	--
MW-12	07/27/06	162	--	--	--
MW-12 Duplicate	07/27/06	136	--	--	--
MW-12	10/26/06	172	--	--	--
MW-12 Duplicate	10/26/06	170	--	--	--
MW-12	01/26/07	174	--	--	--
MW-12 Duplicate	01/26/07	164	--	--	--
MW-12	04/25/07	175	--	--	--
MW-12 Duplicate	04/25/07	166	--	--	--
MW-12	07/25/07	177	--	--	--
MW-12 Duplicate	07/25/07	192	--	--	--
MW-12	10/25/07	211	--	--	--
MW-12 Duplicate	10/25/07	187	--	--	--
MW-12	01/31/08	181	--	--	--
MW-12 Duplicate	01/31/08	177	--	--	--
MW-12	04/24/08	185	--	--	--
MW-12 Duplicate	04/24/08	183	--	--	--
MW-12	07/25/08	182	--	--	--
MW-12 Duplicate	07/25/08	180	--	--	--
MW-12	10/22/08	138	--	--	--
MW-12 Duplicate	10/22/08	134	--	--	--
MW-12	01/21/09	165	--	--	--
MW-12 Duplicate	01/21/09	156	--	--	--
MW-12	04/22/09	193	--	--	--
MW-12 Duplicate	04/22/09	185	--	--	--
MW-12	07/29/09	190	--	--	--
MW-12 Duplicate	07/29/09	197	--	--	--
MW-12	10/28/09	235	--	--	--
MW-12 Duplicate	10/28/09	233	--	--	--
MW-12	01/27/10	192	--	--	--
MW-12 Duplicate	01/27/10	198	--	--	--
MW-12	04/28/10	171	--	--	--
MW-12 Duplicate	04/28/10	173	--	--	--
MW-12	07/28/10	190	--	--	--
MW-12 Duplicate	07/28/10	194	--	--	--
MW-12	10/27/10	201	--	--	--
MW-12 Duplicate	10/27/10	191	--	--	--
MW-12	01/26/11	186	--	--	--
MW-12 Duplicate	01/26/11	186	--	--	--
MW-12	10/13/11	191	--	--	--
MW-12	05/31/12	174	--	--	--
MW-12	02/28/13	166	--	--	--
MW-12	07/29/13	165	--	--	--
MW-12	03/26/14	165	--	--	--
MW-12	07/30/14	82.3	--	--	--
MW-12	03/11/15	143	--	--	--
MW-12	07/29/15	145	--	--	--
MW-12	03/22/16	132	--	--	--
MW-12	09/22/16	151	--	--	--
MW-12	03/24/17	149	--	--	--
MW-12	09/19/17	152	--	--	--
MW-12	03/22/18	141	--	--	--
MW-12	09/19/18	154	--	--	--
MW-12	03/07/19	143	--	--	--
MW-12	06/05/19	167	--	--	--
MW-12	09/04/19	148	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-12	12/05/19	148	--	--	--
MW-12	03/03/20	134	--	--	--
MW-12	09/09/20	125	--	--	--
MW-12	03/17/21	151	--	--	--
MW-13	06/02/00	91	--	--	--
MW-13	08/02/00	61	--	--	--
MW-13	11/15/00	63	--	--	--
MW-13	03/06/01	66	--	--	--
MW-13	06/25/01	200	--	--	--
MW-13	09/26/01	66	--	--	--
MW-13	12/12/01	69.5	--	--	--
MW-13	05/21/02	58.5	617	563	23
MW-13	10/16/02	71.5	--	--	--
MW-13	01/22/03	72.6	--	--	--
MW-13	04/24/03	67.0	--	--	--
MW-13	07/14/03	72.2	--	--	--
MW-13	10/17/03	67.6	--	--	--
MW-13	01/21/04	68.8	--	--	--
MW-13	04/21/04	62.2	--	--	--
MW-13	07/22/04	64.6	--	--	--
MW-13	10/27/04	59.7	--	--	--
MW-13	01/26/05	66.9	--	--	--
MW-13	04/20/05	69.0	--	--	--
MW-13	07/21/05	64.9	--	--	--
MW-13	10/20/05	63.9	--	--	--
MW-13	01/25/06	68.1	--	--	--
MW-13	04/26/06	65.8	--	--	--
MW-13	07/26/06	71.5	--	--	--
MW-13	10/25/06	91.4	--	--	--
MW-13	01/25/07	65.0	--	--	--
MW-13	04/25/07	69.8	--	--	--
MW-13	07/25/07	71.2	--	--	--
MW-13	10/24/07	61.9	--	--	--
MW-13	01/30/08	71.2	--	--	--
MW-13	04/23/08	71.5	--	--	--
MW-13	07/24/08	74.0	--	--	--
MW-13	10/22/08	59.9	--	--	--
MW-13	01/21/09	65.4	--	--	--
MW-13	04/22/09	67.2	--	--	--
MW-13	07/29/09	68.5	--	--	--
MW-13	10/28/09	80.7	--	--	--
MW-13	01/27/10	69.5	--	--	--
MW-13	04/28/10	76.7	--	--	--
MW-13	07/28/10	70.9	--	--	--
MW-13	10/27/10	69.9	--	--	--
MW-13	01/26/11	74.9	--	--	--
MW-13	10/13/11	78.5	--	--	--
MW-13	05/31/12	76.8	--	--	--
MW-13	02/28/13	76.7	--	--	--
MW-13	07/29/13	77.9	--	--	--
MW-13 Duplicate	07/29/13	78	--	--	--
MW-13	03/26/14	84	--	--	--
MW-13	07/30/14	181	--	--	--
MW-13	03/11/15	83.9	--	--	--
MW-13	07/29/15	78.0	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-13	03/22/16	80.4	--	--	--
MW-13	09/22/16	80.7	--	--	--
MW-13	03/24/17	80.0	--	--	--
MW-13	09/19/17	79.6	--	--	--
MW-13	03/22/18	77.6	--	--	--
MW-13	09/19/18	83.5	--	--	--
MW-13	03/07/19	80.5	--	--	--
MW-13	06/05/19	93.0	--	--	--
MW-13	09/04/19	81.6	--	--	--
MW-13	12/05/19	85.3	--	--	--
MW-13	03/03/20	79.0	--	--	--
MW-14	06/02/00	180	--	--	--
MW-14	08/02/00	170	--	--	--
MW-14	11/15/00	190	--	--	--
MW-14	03/06/01	190	--	--	--
MW-14	06/25/01	200	--	--	--
MW-14	09/26/01	200	--	--	--
MW-14	12/12/01	197	--	--	--
MW-14	05/21/02	162	745	3,290	342
MW-14	10/16/02	67	--	--	--
MW-14	01/23/03	228	--	--	--
MW-14	04/25/03	194	--	--	--
MW-14	07/14/03	242	--	--	--
MW-14	10/17/03	214	--	--	--
MW-14	01/21/04	200	--	--	--
MW-14	04/21/04	201	--	--	--
MW-14	07/22/04	203	--	--	--
MW-14	10/28/04	91.7	--	--	--
MW-14	01/26/05	87.7	--	--	--
MW-14	04/20/05	141	--	--	--
MW-14	07/21/05	107	--	--	--
MW-14	10/20/05	234	--	--	--
MW-14	01/26/06	166	--	--	--
MW-14	04/27/06	183	--	--	--
MW-14	07/27/06	164	--	--	--
MW-14	10/26/06	189	--	--	--
MW-14	01/25/07	178	--	--	--
MW-14	04/26/07	192	--	--	--
MW-14	07/25/07	188	--	--	--
MW-14	10/25/07	209	--	--	--
MW-14	01/30/08	194	--	--	--
MW-14	04/23/08	171	--	--	--
MW-14	07/24/08	196	--	--	--
MW-14	10/22/08	131	--	--	--
MW-14	01/21/09	189	--	--	--
MW-14	04/22/09	156	--	--	--
MW-14	07/29/09	237	--	--	--
MW-14	10/28/09	256	--	--	--
MW-14	01/27/10	202	--	--	--
MW-14	04/28/10	190	--	--	--
MW-14	07/28/10	221	--	--	--
MW-14	10/27/10	231	--	--	--
MW-14	01/26/11	216	--	--	--
MW-14	10/13/11	198	--	--	--
MW-14	05/31/12	191	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-14	07/29/13	185	--	--	--
MW-14	03/11/15	212	--	--	--
MW-14	03/22/16	212	--	--	--
MW-14	09/22/16	223	--	--	--
MW-14	03/24/17	199	--	--	--
MW-14	09/19/17	218	--	--	--
MW-15	06/02/00	170	--	--	--
MW-15	08/02/00	160	--	--	--
MW-15	11/15/00	170	--	--	--
MW-15	07/20/05	143	--	--	--
MW-15	10/19/05	137	--	--	--
MW-15	01/25/06	180	--	--	--
MW-15	04/26/06	301	--	--	--
MW-15	07/26/06	327	--	--	--
MW-15	10/25/06	321	--	--	--
MW-15	01/25/07	321	--	--	--
MW-15	04/25/07	290	--	--	--
MW-15	07/24/07	251	--	--	--
MW-15	10/24/07	287	--	--	--
MW-15	01/30/08	289	--	--	--
MW-15	04/23/08	297	--	--	--
MW-15	07/24/08	372	--	--	--
MW-15	10/21/08	200	--	--	--
MW-15	01/21/09	285	--	--	--
MW-15	04/21/09	252	--	--	--
MW-15	07/28/09	172	--	--	--
MW-15	10/27/09	218	--	--	--
MW-15	01/26/10	188	--	--	--
MW-15	04/27/10	167	--	--	--
MW-15	07/27/10	190	--	--	--
MW-15	10/26/10	183	--	--	--
MW-15	01/25/11	185	--	--	--
MW-15	10/13/11	224	--	--	--
MW-15	05/31/12	173	--	--	--
MW-15	02/27/13	152	--	--	--
MW-16	06/02/00	220	--	--	--
MW-16	08/02/00	210	--	--	--
MW-16	11/15/00	210	--	--	--
MW-16	03/06/01	240	--	--	--
MW-16	06/25/01	240	--	--	--
MW-16	09/26/01	67	--	--	--
MW-16	12/12/01	172	--	--	--
MW-16	05/21/02	159	540	2,940	83
MW-16	10/15/02	194	--	--	--
MW-16	01/22/03	206	--	--	--
MW-16	04/24/03	176	--	--	--
MW-16	07/14/03	190	--	--	--
MW-16	10/17/03	200	--	--	--
MW-16	01/21/04	182	--	--	--
MW-16	04/21/04	184	--	--	--
MW-16	07/21/04	185	--	--	--
MW-16	10/26/04	188	--	--	--
MW-16	01/26/05	178	--	--	--
MW-16	04/20/05	193	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-16	07/19/05	189	--	--	--
MW-16	10/19/05	178	--	--	--
MW-16	01/25/06	174	--	--	--
MW-16	04/26/06	179	--	--	--
MW-16	07/26/06	141	--	--	--
MW-16	10/25/06	175	--	--	--
MW-16	01/25/07	156	--	--	--
MW-16	04/25/07	156	--	--	--
MW-16	07/24/07	168	--	--	--
MW-16	10/24/07	175	--	--	--
MW-16	01/30/08	173	--	--	--
MW-16	04/23/08	160	--	--	--
MW-16	07/23/08	168	--	--	--
MW-16	10/21/08	142	--	--	--
MW-16	01/20/09	151	--	--	--
MW-16	04/21/09	131	--	--	--
MW-16	07/28/09	140	--	--	--
MW-16	10/27/09	175	--	--	--
MW-16	01/26/10	148	--	--	--
MW-16	04/27/10	150	--	--	--
MW-16	07/27/10	140	--	--	--
MW-16	10/26/10	134	--	--	--
MW-16	01/25/11	145	--	--	--
MW-16	10/12/11	132	--	--	--
MW-16	05/31/12	125	--	--	--
MW-16	02/27/13	123	--	--	--
MW-16	07/24/13	124	--	--	--
MW-16	03/11/15	138	--	--	--
MW-16	09/22/16	138	--	--	--
MW-16	03/24/17	145	--	--	--
MW-17	06/02/00	140	--	--	--
MW-17	08/02/00	110	--	--	--
MW-17	11/15/00	130	--	--	--
MW-17	03/06/01	130	--	--	--
MW-17	06/25/01	140	--	--	--
MW-17	09/26/01	130	--	--	--
MW-17	12/12/01	147	--	--	--
MW-17	05/21/02	132	575	1,040	202
MW-17	10/15/02	149	--	--	--
MW-17	01/22/03	76.7	--	--	--
MW-17	04/24/03	84.3	--	--	--
MW-17	07/14/03	143	--	--	--
MW-17	01/26/05	146	--	--	--
MW-17	04/20/05	126	--	--	--
MW-17	07/19/05	127	--	--	--
MW-17	10/19/05	123	--	--	--
MW-17	01/25/06	145	--	--	--
MW-17	04/26/06	142	--	--	--
MW-17	07/26/06	134	--	--	--
MW-17	10/25/06	127	--	--	--
MW-17	01/25/07	138	--	--	--
MW-17	04/25/07	189	--	--	--
MW-17	07/24/07	266	--	--	--
MW-17	10/24/07	248	--	--	--
MW-17	01/30/08	255	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-17	04/23/08	245	--	--	--
MW-17	07/23/08	284	--	--	--
MW-17	10/21/08	188	--	--	--
MW-18	06/02/00	190	--	--	--
MW-18	08/02/00	160	--	--	--
MW-18	11/15/00	210	--	--	--
MW-18	03/06/01	190	--	--	--
MW-18	06/25/01	210	--	--	--
MW-18	09/26/01	190	--	--	--
MW-18	12/12/01	182	--	--	--
MW-18	05/21/02	184	1,070	2,930	374
MW-18	10/16/02	102	--	--	--
MW-18	01/23/03	218	--	--	--
MW-18	04/25/03	195	--	--	--
MW-18	07/14/03	193	--	--	--
MW-18	10/20/03	207	--	--	--
MW-18	01/21/04	193	--	--	--
MW-18	04/21/04	195	--	--	--
MW-18	07/22/04	205	--	--	--
MW-18	10/28/04	205	--	--	--
MW-18	01/26/05	206	--	--	--
MW-18	04/20/05	193	--	--	--
MW-18	07/21/05	206	--	--	--
MW-18	10/20/05	176	--	--	--
MW-18	01/26/06	198	--	--	--
MW-18	04/27/06	199	--	--	--
MW-18	07/27/06	184	--	--	--
MW-18	10/26/06	191	--	--	--
MW-18	01/26/07	191	--	--	--
MW-18	04/26/07	203	--	--	--
MW-18	07/25/07	196	--	--	--
MW-18	10/25/07	219	--	--	--
MW-18	01/30/08	205	--	--	--
MW-18	04/24/08	201	--	--	--
MW-18	07/24/08	208	--	--	--
MW-18	10/22/08	148	--	--	--
MW-18	01/21/09	197	--	--	--
MW-18	04/22/09	220	--	--	--
MW-18	07/29/09	218	--	--	--
MW-18	10/28/09	261	--	--	--
MW-18	01/27/10	195	--	--	--
MW-18	04/28/10	170	--	--	--
MW-18	07/28/10	201	--	--	--
MW-18	10/27/10	184	--	--	--
MW-18	01/26/11	200	--	--	--
MW-18	10/13/11	197	--	--	--
MW-18	05/31/12	188	--	--	--
MW-18	02/28/13	188	--	--	--
MW-18	07/29/13	176	--	--	--
MW-18	03/26/14	178	--	--	--
MW-18	03/26/14	178	--	--	--
MW-18	03/11/15	169	--	--	--
MW-18	07/29/15	164	--	--	--
MW-18	03/22/16	170	--	--	--
MW-18	09/22/16	179	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-18 Duplicate	09/22/16	181	--	--	--
MW-18	03/24/17	186	--	--	--
MW-18	09/19/17	183	--	--	--
MW-18	03/22/18	177	--	--	--
MW-18	06/05/19	178	--	--	--
MW-18	12/05/19	189	--	--	--
MW-18	03/03/20	196	--	--	--
MW-19	06/02/00	140	--	--	--
MW-19	08/02/00	110	--	--	--
MW-19	11/15/00	130	--	--	--
MW-19	03/06/01	130	--	--	--
MW-19	06/25/01	150	--	--	--
MW-19	09/26/01	140	--	--	--
MW-19	12/12/01	144	--	--	--
MW-19	05/21/02	150	--	--	--
MW-19	10/15/02	180	--	--	--
MW-19	01/22/03	177	--	--	--
MW-19	04/24/03	161	--	--	--
MW-19	07/14/03	20.3	--	--	--
MW-19	10/17/03	117	--	--	--
MW-19	01/21/04	169	--	--	--
MW-19	04/21/04	173	--	--	--
MW-19	07/22/04	177	--	--	--
MW-19	10/27/04	171	--	--	--
MW-19	01/26/05	187	--	--	--
MW-19	04/20/05	156	--	--	--
MW-19	07/21/05	177	--	--	--
MW-19	10/20/05	161	--	--	--
MW-19	01/26/05	137	--	--	--
MW-19	04/28/10	157	--	--	--
MW-19	07/28/10	186	--	--	--
MW-19	10/27/10	172	--	--	--
MW-19	01/26/11	174	--	--	--
MW-19	04/26/06	123	--	--	--
MW-19	07/27/06	99.8	--	--	--
MW-19	10/26/06	116.0	--	--	--
MW-19	01/25/07	93.7	--	--	--
MW-19	04/25/07	92.6	--	--	--
MW-19	07/25/07	97.7	--	--	--
MW-19	10/24/07	110	--	--	--
MW-19	01/30/08	101	--	--	--
MW-19	04/23/08	96.1	--	--	--
MW-19	07/24/08	96.5	--	--	--
MW-19	10/22/08	101	--	--	--
MW-19	01/21/09	111	--	--	--
MW-19	04/22/09	125	--	--	--
MW-19	07/29/09	146	--	--	--
MW-19	10/28/09	202	--	--	--
MW-19	01/27/10	176	--	--	--
MW-19	10/13/11	174	--	--	--
MW-19	05/31/12	177	--	--	--
MW-19	02/28/13	174	--	--	--
MW-19	07/29/13	171	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-20	06/02/00	83	--	--	--
MW-20	08/02/00	66	--	--	--
MW-20	11/15/00	66	--	--	--
MW-20	03/06/01	62	--	--	--
MW-20	06/25/01	71	--	--	--
MW-20	09/26/01	210	--	--	--
MW-20	12/12/01	69	--	--	--
MW-20	05/21/02	72	638	1,840	26
MW-20	10/15/02	85	--	--	--
MW-20	01/22/03	83.6	--	--	--
MW-20	04/24/03	77.0	--	--	--
MW-20	07/14/03	85.8	--	--	--
MW-20	10/17/03	76.8	--	--	--
MW-20	01/21/04	74.6	--	--	--
MW-20	04/21/04	69.3	--	--	--
MW-20	07/21/04	69.4	--	--	--
MW-20	10/26/04	68.5	--	--	--
MW-20	01/26/05	76.0	--	--	--
MW-20	04/20/05	73.7	--	--	--
MW-20	07/19/05	69.9	--	--	--
MW-20	10/19/05	72.0	--	--	--
MW-20	01/25/06	72.9	--	--	--
MW-20	04/26/06	70.0	--	--	--
MW-20	07/26/06	68.0	--	--	--
MW-20	10/25/06	92.6	--	--	--
MW-20	02/26/07	70.5	--	--	--
MW-20	04/25/07	67.8	--	--	--
MW-20	07/24/07	44.5	--	--	--
MW-20	10/24/07	142	--	--	--
MW-20	01/30/08	85	--	--	--
MW-20	04/23/08	93.5	--	--	--
MW-20	07/23/08	98.1	--	--	--
MW-20	10/21/08	103	--	--	--
MW-20	01/20/09	109	--	--	--
MW-20	04/21/09	118	--	--	--
MW-20	07/28/09	159	--	--	--
MW-20	10/27/09	194	--	--	--
MW-20	01/26/10	156	--	--	--
MW-20	04/27/10	161	--	--	--
MW-20	07/27/10	150	--	--	--
MW-20	10/26/10	130	--	--	--
MW-20	01/25/11	125	--	--	--
MW-20	10/12/11	100	--	--	--
MW-20	05/31/12	92	--	--	--
MW-20	02/27/13	96	--	--	--
MW-20	07/24/13	107	--	--	--
MW-20	03/24/17	131	--	--	--
MW-21	06/13/02	832	--	--	--
MW-21	10/15/02	857	--	--	--
MW-21	01/22/03	806	--	--	--
MW-21	04/24/03	414	--	--	--
MW-21	07/14/03	853	--	--	--
MW-21	10/17/03	886	--	--	--
MW-21	01/21/04	782	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-21	04/21/04	684	--	--	--
MW-21	07/21/04	613	--	--	--
MW-21	10/26/04	907	--	--	--
MW-21	01/26/05	659	--	--	--
MW-21	04/20/05	555	--	--	--
MW-21	07/19/05	527	--	--	--
MW-21	10/19/05	483	--	--	--
MW-21	01/25/06	509	--	--	--
MW-21	04/26/06	552	--	--	--
MW-21	07/26/06	466	--	--	--
MW-21	10/25/06	499	--	--	--
MW-21	02/26/07	300	--	--	--
MW-21	04/25/07	572	--	--	--
MW-21	07/24/07	1,010	--	--	--
MW-21	10/24/07	825	--	--	--
MW-21	01/30/08	1,110	--	--	--
MW-21	04/23/08	984	--	--	--
MW-21	07/23/08	694	--	--	--
MW-21	10/21/08	855	--	--	--
MW-21	01/20/09	1,060	--	--	--
MW-21	04/21/09	1,090	--	--	--
MW-21	07/28/09	1,040	--	--	--
MW-21	10/27/09	1,390	--	--	--
MW-21	01/26/10	1,090	--	--	--
MW-21	04/27/10	1,320	--	--	--
MW-21	07/27/10	1,020	--	--	--
MW-21	10/26/10	944	--	--	--
MW-21	01/25/11	926	--	--	--
MW-21	10/12/11	249	--	--	--
MW-21	05/31/12	358	--	--	--
MW-21	02/27/13	326	--	--	--
MW-21	07/24/13	407	--	--	--
MW-21	03/11/15	354	--	--	--
MW-21	03/24/17	185	--	--	--
MW-22	06/13/02	76.5	--	--	--
MW-22	10/15/02	86.5	--	--	--
MW-22	01/22/03	85.7	--	--	--
MW-22	04/24/03	77.0	--	--	--
MW-22	07/14/03	82.0	--	--	--
MW-22	10/17/03	82.8	--	--	--
MW-22	01/21/04	79.4	--	--	--
MW-22	04/21/04	75.3	--	--	--
MW-22	07/22/04	78.3	--	--	--
MW-22	10/27/04	77.5	--	--	--
MW-22	01/26/05	88.3	--	--	--
MW-22	04/20/05	81.1	--	--	--
MW-22	07/21/05	79.3	--	--	--
MW-22	10/20/05	77.5	--	--	--
MW-22	01/25/06	101	--	--	--
MW-22	04/26/06	74.3	--	--	--
MW-22	07/26/06	81.5	--	--	--
MW-22	10/25/06	101.0	--	--	--
MW-22	01/25/07	80.3	--	--	--
MW-22	04/26/07	79.8	--	--	--
MW-22	07/25/07	83.4	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-22	10/24/07	75.3	--	--	--
MW-22	01/30/08	85.4	--	--	--
MW-22	04/23/08	84.6	--	--	--
MW-22	07/24/08	82.1	--	--	--
MW-22	10/22/08	64.2	--	--	--
MW-22	01/21/09	76.2	--	--	--
MW-22	04/22/09	79.4	--	--	--
MW-22	07/29/09	75.3	--	--	--
MW-22	10/28/09	97.1	--	--	--
MW-22	01/27/10	78.7	--	--	--
MW-22	04/28/10	90.9	--	--	--
MW-22	07/28/10	86.2	--	--	--
MW-22	10/27/10	83.3	--	--	--
MW-22	01/26/11	87.6	--	--	--
MW-22	10/13/11	87.7	--	--	--
MW-22	07/29/13	91.1	--	--	--
MW-22	03/26/14	97.9	--	--	--
MW-22	07/30/14	96.1	--	--	--
MW-22	03/11/15	103	--	--	--
MW-22	07/29/15	103	--	--	--
MW-22	03/22/16	97.4	--	--	--
MW-22 Duplicate	03/22/16	97.1	--	--	--
MW-22	09/22/16	100	--	--	--
MW-22	03/27/17	94.8	--	--	--
MW-22	09/19/17	94.6	--	--	--
MW-22	03/22/18	89.3	--	--	--
MW-22	09/19/18	96.6	--	--	--
MW-22	03/07/19	94.1	--	--	--
MW-22	06/05/19	108.0	--	--	--
MW-22	09/04/19	95.0	--	--	--
MW-22	12/06/19	99.7	--	--	--
MW-22	03/03/20	94.9	--	--	--
MW-22	09/09/20	104.0	--	--	--
MW-23	06/13/02	63	--	--	--
MW-23	10/15/02	36.2	--	--	--
MW-23	01/22/03	58.5	--	--	--
MW-23	04/24/03	130	--	--	--
MW-23	07/14/03	64.6	--	--	--
MW-23	10/17/03	59.2	--	--	--
MW-23	01/21/04	61.3	--	--	--
MW-23	04/21/04	54.8	--	--	--
MW-23	07/22/04	59.0	--	--	--
MW-23	10/27/04	55.5	--	--	--
MW-23	01/26/05	64.8	--	--	--
MW-23	04/20/05	77.6	--	--	--
MW-23	07/21/05	65.0	--	--	--
MW-23	10/19/05	66.5	--	--	--
MW-23	01/25/06	67.7	--	--	--
MW-23	04/26/06	63.4	--	--	--
MW-23	07/26/06	67.2	--	--	--
MW-23	10/25/06	86.5	--	--	--
MW-23	01/25/07	63.6	--	--	--
MW-23	04/25/07	66.8	--	--	--
MW-23	07/25/07	63.7	--	--	--
MW-23	10/24/07	61.6	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-23	01/30/08	67.9	--	--	--
MW-23	04/23/08	65.7	--	--	--
MW-23	07/24/08	59.5	--	--	--
MW-23	10/22/08	52.2	--	--	--
MW-23	01/21/09	55	--	--	--
MW-23	04/22/09	59.4	--	--	--
MW-23	07/29/09	55.7	--	--	--
MW-23	10/28/09	71.6	--	--	--
MW-23	01/27/10	55.3	--	--	--
MW-23	04/28/10	68.6	--	--	--
MW-23	07/28/10	56.6	--	--	--
MW-23	10/27/10	58.8	--	--	--
MW-23	01/26/11	63.2	--	--	--
MW-23	10/13/11	64.1	--	--	--
MW-23	05/31/12	61.1	--	--	--
MW-23	02/28/13	58.5	--	--	--
MW-23	07/29/13	58.9	--	--	--
MW-23	03/26/14	61.1	--	--	--
MW-23	03/11/15	63.8	--	--	--
MW-23	07/29/15	64.2	--	--	--
MW-23	03/22/16	62.3	--	--	--
MW-23	09/22/16	63.7	--	--	--
MW-23	03/27/17	58.6	--	--	--
MW-23	09/19/17	62.2	--	--	--
MW-23	03/22/18	60.0	--	--	--
MW-23	06/05/19	73.8	--	--	--
MW-23	12/06/19	65.9	--	--	--
MW-23	03/03/20	66.2	--	--	--
MW-24	07/22/04	165	--	--	--
MW-24	10/27/04	151	--	--	--
MW-24	01/26/05	182	--	--	--
MW-24	04/20/05	166	--	--	--
MW-24	07/20/05	169	--	--	--
MW-24	10/19/05	177	--	--	--
MW-24 Duplicate	10/19/05	176	--	--	--
MW-24	01/25/06	191	--	--	--
MW-24 Duplicate	01/25/06	187	--	--	--
MW-24	04/26/06	172	--	--	--
MW-24 Duplicate	04/26/06	134	--	--	--
MW-24	07/26/06	176	--	--	--
MW-24 Duplicate	07/26/06	177	--	--	--
MW-24	10/25/06	209	--	--	--
MW-24 Duplicate	10/25/06	208	--	--	--
MW-24	01/25/07	209	--	--	--
MW-24 Duplicate	01/25/07	217	--	--	--
MW-24	04/25/07	192	--	--	--
MW-24 Duplicate	04/25/07	181	--	--	--
MW-24	07/24/07	174	--	--	--
MW-24 Duplicate	07/24/07	192	--	--	--
MW-24	10/24/07	190	--	--	--
MW-24	01/30/08	185	--	--	--
MW-24	04/23/08	182	--	--	--
MW-24 Duplicate	04/23/08	185	--	--	--
MW-24	07/24/08	217	--	--	--
MW-24 Duplicate	07/24/08	216	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-24	10/21/08	189	--	--	--
MW-24 Duplicate	10/21/08	200	--	--	--
MW-24	01/21/09	269	--	--	--
MW-24 Duplicate	01/21/09	294	--	--	--
MW-24	04/21/09	278	--	--	--
MW-24 Duplicate	04/21/09	323	--	--	--
MW-24	07/28/09	275	--	--	--
MW-24 Duplicate	07/28/09	287	--	--	--
MW-24	10/28/09	400	--	--	--
MW-24 Duplicate	10/28/09	400	--	--	--
MW-24	01/26/10	285	--	--	--
MW-24 Duplicate	01/26/10	287	--	--	--
MW-24	04/27/10	232	--	--	--
MW-24 Duplicate	04/27/10	253	--	--	--
MW-24	07/27/10	257	--	--	--
MW-24 Duplicate	07/27/10	255	--	--	--
MW-24	10/26/10	221	--	--	--
MW-24 Duplicate	10/26/10	214	--	--	--
MW-24	01/25/11	218	--	--	--
MW-24 Duplicate	01/25/11	217	--	--	--
MW-24	10/12/11	197	--	--	--
MW-24	05/31/12	215	--	--	--
MW-24	02/27/13	225	--	--	--
MW-24	07/24/13	199	--	--	--
MW-24	08/22/13	205	--	--	--
MW-24	03/26/14	180	--	--	--
MW-24	07/30/14	130	--	--	--
MW-24	03/12/15	169	--	--	--
MW-24	07/29/15	139	--	--	--
MW-24	03/22/16	157	--	--	--
MW-24	09/22/16	173	--	--	--
MW-24	03/24/17	160	--	--	--
MW-24 Duplicate	03/24/17	158	--	--	--
MW-24	09/19/17	149	--	--	--
MW-24	03/22/18	154	--	--	--
MW-24	09/19/18	160	--	--	--
MW-24	03/07/19	157	--	--	--
MW-24	06/05/19	189	--	--	--
MW-24	09/04/19	173	--	--	--
MW-24	12/06/19	205	--	--	--
MW-24	03/05/20	215	--	--	--
MW-24	09/09/20	257	--	--	--
MW-24	03/16/21	220	--	--	--
MW-24	09/14/21	204	--	--	--
MW-24	3/29/2022	184	--	--	--
MW-24	9/7/2022	194	--	--	--
MW-24	6/22/2023	244	--	--	--
MW-25	07/22/04	116	--	--	--
MW-25	10/27/04	129	--	--	--
MW-25	01/26/05	143	--	--	--
MW-25	04/20/05	123	--	--	--
MW-25	07/19/05	152	--	--	--
MW-25	10/19/05	453	--	--	--
MW-25	01/25/06	480	--	--	--
MW-25	04/26/06	461	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-25	07/26/06	388	--	--	--
MW-25	10/25/06	241	--	--	--
MW-25	01/25/07	119	--	--	--
MW-25	04/25/07	192	--	--	--
MW-25	07/24/07	177	--	--	--
MW-25	10/24/07	376	--	--	--
MW-25	01/30/08	461	--	--	--
MW-25	04/23/08	269	--	--	--
MW-25	07/24/08	256	--	--	--
MW-25	10/21/08	149	--	--	--
MW-25	01/20/09	138	--	--	--
MW-25	04/21/09	159	--	--	--
MW-25	07/28/09	151	--	--	--
MW-25	10/27/09	203	--	--	--
MW-25	01/26/10	171	--	--	--
MW-25	04/27/10	177	--	--	--
MW-25	07/27/10	126	--	--	--
MW-25	10/26/10	118	--	--	--
MW-25	01/25/11	132	--	--	--
MW-25	10/12/11	124	--	--	--
MW-25	05/31/12	128	--	--	--
MW-25	02/27/13	126	--	--	--
MW-25	07/24/13	124	--	--	--
MW-25	03/26/14	135	--	--	--
MW-25	07/30/14	128	--	--	--
MW-25	03/12/15	126	--	--	--
MW-25	07/29/15	120	--	--	--
MW-25	03/22/16	120	--	--	--
MW-25	09/22/16	125	--	--	--
MW-25 Duplicate	09/22/16	124	--	--	--
MW-25	09/19/17	128	--	--	--
MW-25	03/22/18	117	--	--	--
MW-25	09/19/18	124	--	--	--
MW-25	03/07/19	119	--	--	--
MW-25	06/05/19	137	--	--	--
MW-25	09/04/19	152	--	--	--
MW-25	12/06/19	126	--	--	--
MW-25	03/05/20	128	--	--	--
MW-25	09/09/20	125	--	--	--
MW-25	03/16/21	120	--	--	--
MW-25	09/14/21	126	--	--	--
MW-25	3/29/2022	119	--	--	--
MW-26	04/20/05	82.5	--	--	--
MW-26	07/20/05	77.2	--	--	--
MW-26	10/19/05	77.8	--	--	--
MW-26	01/25/06	78.3	--	--	--
MW-26	04/26/06	74.0	--	--	--
MW-26	07/26/06	77.9	--	--	--
MW-26	10/25/06	99.1	--	--	--
MW-26	01/25/07	66.6	--	--	--
MW-26	04/25/07	81.4	--	--	--
MW-26	07/25/07	83.7	--	--	--
MW-26	10/24/07	73.3	--	--	--
MW-26	01/30/08	86.8	--	--	--
MW-26	04/23/08	90.4	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-26	07/24/08	92.6	--	--	--
MW-26	10/22/08	83.1	--	--	--
MW-26	01/21/09	99.8	--	--	--
MW-26	04/22/09	95.3	--	--	--
MW-26	07/29/09	114	--	--	--
MW-26	10/28/09	147	--	--	--
MW-26	01/26/10	128	--	--	--
MW-26	04/27/10	123	--	--	--
MW-26	07/28/10	136	--	--	--
MW-26	10/27/10	131	--	--	--
MW-26	01/26/11	146	--	--	--
MW-26	10/13/11	154	--	--	--
MW-26	05/31/12	150	--	--	--
MW-26	02/28/13	142	--	--	--
MW-26 Duplicate	02/28/13	141	--	--	--
MW-26	07/29/13	135	--	--	--
MW-26	03/26/14	135	--	--	--
MW-26	07/30/14	123	--	--	--
MW-26	03/11/15	120	--	--	--
MW-26	07/29/15	116	--	--	--
MW-26	03/22/16	111	--	--	--
MW-26 Duplicate	03/22/16	112	--	--	--
MW-26	09/22/16	113	--	--	--
MW-26	03/27/17	119	--	--	--
MW-26	09/19/17	120	--	--	--
MW-26 Duplicate	09/19/17	119	--	--	--
MW-26	03/22/18	112	--	--	--
MW-26	09/19/18	122	--	--	--
MW-26	03/07/19	111	--	--	--
MW-26	06/06/19	125	--	--	--
MW-26	09/04/19	116	--	--	--
MW-26	12/06/19	115	--	--	--
MW-26	03/05/20	117	--	--	--
MW-26 Duplicate	03/05/20	114	--	--	--
MW-26	09/09/20	111	--	--	--
MW-26	03/16/21	120	--	--	--
MW-26	09/14/21	107	--	--	--
MW-26	3/29/2022	100	--	--	--
MW-26	9/7/2022	113	--	--	--
MW-26	3/23/2023	118	--	--	--
MW-26	6/22/2023	116	--	--	--
MW-26 Duplicate	6/22/2023	116	--	--	--
MW-26	9/20/2023	121	--	--	--
MW-26	12/19/23	119	--	--	--
MW-27	04/20/05	129	--	--	--
MW-27 Duplicate	04/20/05	132	--	--	--
MW-27	07/20/05	129	--	--	--
MW-27 Duplicate	07/20/05	129	--	--	--
MW-27	10/19/05	132	--	--	--
MW-27	01/25/06	136	--	--	--
MW-27 Duplicate	01/25/06	138	--	--	--
MW-27	04/26/06	112	--	--	--
MW-27	07/26/06	115	--	--	--
MW-27	10/25/06	151	--	--	--
MW-27	01/25/07	119	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
MW-27	04/25/07	117	--	--	--
MW-27	07/25/07	130	--	--	--
MW-27	10/24/07	119	--	--	--
MW-27	01/30/08	115	--	--	--
MW-27	04/23/08	102	--	--	--
MW-27	07/24/08	104	--	--	--
MW-27	10/22/08	107	--	--	--
MW-27	01/21/09	103	--	--	--
MW-27	04/22/09	97.8	--	--	--
MW-27	07/29/09	111	--	--	--
MW-27	10/28/09	160	--	--	--
MW-27	01/27/10	119	--	--	--
MW-27	04/28/10	116	--	--	--
MW-27	07/28/10	130	--	--	--
MW-27	10/27/10	124	--	--	--
MW-27	01/26/11	127	--	--	--
MW-27	10/13/11	99.3	--	--	--
MW-27	05/31/12	93.6	--	--	--
MW-27	02/28/13	110	--	--	--
MW-27 Duplicate	02/28/13	110	--	--	--
MW-27	07/29/13	101	--	--	--
MW-27	03/26/14	112	--	--	--
MW-27 Duplicate	03/26/14	112	--	--	--
MW-27	07/30/14	108	--	--	--
MW-27	03/11/15	132	--	--	--
MW-27	07/29/15	126	--	--	--
MW-27	03/22/16	137	--	--	--
MW-27	09/22/16	138	--	--	--
MW-27	03/27/17	134	--	--	--
MW-27	09/19/17	131	--	--	--
MW-27	03/22/18	115	--	--	--
MW-27	09/19/18	126	--	--	--
MW-27	03/07/19	122	--	--	--
MW-27	06/06/19	116	--	--	--
MW-27	09/04/19	117	--	--	--
MW-27	12/06/19	132	--	--	--
MW-27	03/05/20	124	--	--	--
MW-27	09/09/20	120	--	--	--
MW-27	03/16/21	123	--	--	--
MW-27	09/14/21	173	--	--	--
MW-27	3/29/2022	122	--	--	--
MW-27	9/7/2022	129	--	--	--
MW-27	3/21/2023	135	--	--	--
MW-27	6/22/2023	139	--	--	--
MW-27	9/20/2023	138	--	--	--
MW-27	12/19/23	125	--	--	--
MW-27 Duplicate	12/19/23	135	--	--	--
SVE-10	01/23/03	282	--	--	--
SVE-10	04/25/03	241	--	--	--
SVE-10	07/14/03	270	--	--	--
SVE-10	10/20/03	255	--	--	--
SVE-10	01/22/04	265	--	--	--
SVE-10	04/22/04	236	--	--	--
SVE-10	07/23/04	250	--	--	--
SVE-10	10/28/04	243	--	--	--

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

Monitor Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
NMWQCC Groundwater Quality Standards		250	ne	1,000	200
SVE-10	01/27/05	251	--	--	--
SVE-10	04/20/05	204	--	--	--
SVE-10	07/21/05	236	--	--	--
SVE-10	10/20/05	183	--	--	--
SVE-10	01/26/06	243	--	--	--
SVE-10	04/27/06	234	--	--	--
SVE-10	07/27/06	230	--	--	--
SVE-10	10/26/06	244	--	--	--
SVE-10	01/26/07	234	--	--	--
SVE-10	04/26/07	256	--	--	--
SVE-10	07/25/07	247	--	--	--
SVE-10	10/25/07	227	--	--	--
SVE-10	01/31/08	234	--	--	--
SVE-10	04/24/08	226	--	--	--
SVE-10	07/25/08	253	--	--	--
SVE-10	10/22/08	173	--	--	--
SVE-10	01/21/09	205	--	--	--
SVE-10	04/22/09	231	--	--	--
SVE-10	07/29/09	252	--	--	--
SVE-10	10/28/09	340	--	--	--
SVE-10	01/27/10	223	--	--	--
SVE-10	04/28/10	221	--	--	--
SVE-10	07/28/10	244	--	--	--
SVE-10	10/27/10	224	--	--	--
SVE-10	01/26/11	240	--	--	--
SVE-10	10/13/11	238	--	--	--
SP-1	06/02/00	180	--	--	--

Notes:

mg/L = milligrams per liter

µg/L = micrograms per liter

NMWQCC = New Mexico Water Quality Control Commission

ne - indicates not established

-- indicates not analyzed

Shaded/bolded values exceed their respective NMWQCC Standard for Groundwater.

Appendices

Appendix A

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

1996 OCT 15 PM 1:29

NMAC TRANSMITTAL FORM *Historical*

1 NMAC 3.1.22 [7-1-94, 7-1-95]

[Sequence No. 2.40] 4

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: 8311. Hearing Date of Rule: 09 / 10 / 9612. Effective Date of Rule: 11 / 15 / 9613. Contact Person: Bill BrancardPhone Number: 505 - 827-6027

14. Signature & Title of Issuing Authority

Name: Mark E. Weidler, Chairman

Title: Water Quality Control Commission

Signature

Date Signed

SRC-95-04

1996 OCT 15 PM 1:30

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

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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

1993 OCT 15 PM 1:30

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 or 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



ANALYTICAL REPORT

March 31, 2023

GHD - P66

Sample Delivery Group: L1597291
Samples Received: 03/22/2023
Project Number: 12599842
Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW
Site: P66
Report To: David Bonga

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "Chris McCord".

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
MW-27 L1597291-01	5	
MW-2 L1597291-02	6	⁴ Cn
MW-1 L1597291-03	7	⁵ Sr
MW-26 L1597291-04	8	
Qc: Quality Control Summary	9	⁶ Qc
Wet Chemistry by Method 300.0	9	
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	10	⁷ Gl
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	12	⁸ Al
Gl: Glossary of Terms	14	
Al: Accreditations & Locations	15	⁹ Sc
Sc: Sample Chain of Custody	16	

MW-27 L1597291-01 GW

Collected by Dalton Cooper
Collected date/time 03/21/23 10:53
Received date/time 03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2030993	5	03/28/23 06:40	03/28/23 06:40	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2029914	1	03/27/23 03:55	03/27/23 03:55	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031093	1	03/28/23 16:44	03/30/23 16:17	HLJ	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

MW-2 L1597291-02 GW

Collected by Dalton Cooper
Collected date/time 03/21/23 13:18
Received date/time 03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2030993	5	03/28/23 06:53	03/28/23 06:53	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2030947	5	03/28/23 00:51	03/28/23 00:51	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031095	1	03/28/23 16:42	03/30/23 17:45	HLJ	Mt. Juliet, TN

MW-1 L1597291-03 GW

Collected by Dalton Cooper
Collected date/time 03/21/23 13:01
Received date/time 03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2030993	1	03/28/23 01:18	03/28/23 01:18	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2030947	5	03/28/23 01:13	03/28/23 01:13	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031095	2	03/28/23 16:42	03/31/23 03:04	MWS	Mt. Juliet, TN

MW-26 L1597291-04 GW

Collected by Dalton Cooper
Collected date/time 03/21/23 11:47
Received date/time 03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2030993	1	03/28/23 07:06	03/28/23 07:06	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2029914	1	03/27/23 04:17	03/27/23 04:17	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031095	1	03/28/23 16:42	03/30/23 17:01	HLJ	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Collected date/time: 03/21/23 10:53

L1597291

Wet Chemistry by Method 300.0

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	135		5.00	5	03/28/2023 06:40	WG2030993

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	03/27/2023 03:55	WG2029914
Benzene	ND		0.00100	1	03/27/2023 03:55	WG2029914
Ethylbenzene	ND		0.00100	1	03/27/2023 03:55	WG2029914
Toluene	ND		0.00100	1	03/27/2023 03:55	WG2029914
Xylenes, Total	ND		0.00300	1	03/27/2023 03:55	WG2029914
(S) Toluene-d8	112		80.0-120		03/27/2023 03:55	WG2029914
(S) 4-Bromofluorobenzene	105		77.0-126		03/27/2023 03:55	WG2029914
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/27/2023 03:55	WG2029914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		0.100	1	03/30/2023 16:17	WG2031093
(S) o-Terphenyl	132		31.0-160		03/30/2023 16:17	WG2031093

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/21/23 13:18

L1597291

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	46.5		5.00	5	03/28/2023 06:53	WG2030993

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		2.50	5	03/28/2023 00:51	WG2030947
Benzene	0.0649		0.00500	5	03/28/2023 00:51	WG2030947
Ethylbenzene	0.00907		0.00500	5	03/28/2023 00:51	WG2030947
Toluene	ND		0.00500	5	03/28/2023 00:51	WG2030947
Xylenes, Total	0.0248		0.0150	5	03/28/2023 00:51	WG2030947
(S) Toluene-d8	94.2		80.0-120		03/28/2023 00:51	WG2030947
(S) 4-Bromofluorobenzene	117		77.0-126		03/28/2023 00:51	WG2030947
(S) 1,2-Dichloroethane-d4	116		70.0-130		03/28/2023 00:51	WG2030947

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.41		0.100	1	03/30/2023 17:45	WG2031095
(S) o-Terphenyl	121		31.0-160		03/30/2023 17:45	WG2031095

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/21/23 13:01

L1597291

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	85.8		1.00	1	03/28/2023 01:18	WG2030993

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		2.50	5	03/28/2023 01:13	WG2030947
Benzene	0.0881		0.00500	5	03/28/2023 01:13	WG2030947
Ethylbenzene	ND		0.00500	5	03/28/2023 01:13	WG2030947
Toluene	0.00940		0.00500	5	03/28/2023 01:13	WG2030947
Xylenes, Total	0.0263		0.0150	5	03/28/2023 01:13	WG2030947
(S) Toluene-d8	99.4		80.0-120		03/28/2023 01:13	WG2030947
(S) 4-Bromofluorobenzene	103		77.0-126		03/28/2023 01:13	WG2030947
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/28/2023 01:13	WG2030947

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	10.9		0.200	2	03/31/2023 03:04	WG2031095
(S) o-Terphenyl	113		31.0-160		03/31/2023 03:04	WG2031095

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/21/23 11:47

L1597291

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	118		1.00	1	03/28/2023 07:06	WG2030993

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	03/27/2023 04:17	WG2029914
Benzene	ND		0.00100	1	03/27/2023 04:17	WG2029914
Ethylbenzene	ND		0.00100	1	03/27/2023 04:17	WG2029914
Toluene	ND		0.00100	1	03/27/2023 04:17	WG2029914
Xylenes, Total	ND		0.00300	1	03/27/2023 04:17	WG2029914
(S) Toluene-d8	106		80.0-120		03/27/2023 04:17	WG2029914
(S) 4-Bromofluorobenzene	104		77.0-126		03/27/2023 04:17	WG2029914
(S) 1,2-Dichloroethane-d4	104		70.0-130		03/27/2023 04:17	WG2029914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	ND		0.100	1	03/30/2023 17:01	WG2031095
(S) o-Terphenyl	110		31.0-160		03/30/2023 17:01	WG2031095

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

L1597291-01,02,03,04

Method Blank (MB)

(MB) R3906211-1 03/27/23 13:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.449	⬇	0.379	1.00

L1597291-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1597291-03 03/28/23 01:18 • (DUP) R3906211-3 03/28/23 01:31

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Chloride	85.8	87.3	1	1.69	20

L1597291-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1597291-04 03/28/23 07:06 • (DUP) R3906211-6 03/28/23 07:20

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Chloride	118	118	1	0.156	20

Laboratory Control Sample (LCS)

(LCS) R3906211-2 03/27/23 13:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.5	98.7	90.0-110	

L1597291-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597291-03 03/28/23 01:18 • (MS) R3906211-4 03/28/23 01:45 • (MSD) R3906211-5 03/28/23 01:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	85.8	129	130	87.1	88.3	1	80.0-120			0.458	20

L1597291-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1597291-04 03/28/23 07:06 • (MS) R3906211-7 03/28/23 07:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	118	162	88.4	1	80.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3905622-4 03/27/23 02:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	104			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3905622-1 03/27/23 00:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00513	103	70.0-123	
Ethylbenzene	0.00500	0.00513	103	79.0-123	
Toluene	0.00500	0.00555	111	79.0-120	
Xylenes, Total	0.0150	0.0159	106	79.0-123	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			107	77.0-126	
(S) 1,2-Dichloroethane-d4			102	70.0-130	

Laboratory Control Sample (LCS)

(LCS) R3905622-2 03/27/23 00:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.37	87.4	66.0-132	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			114	77.0-126	
(S) 1,2-Dichloroethane-d4			103	70.0-130	

Method Blank (MB)

(MB) R3906138-3 03/27/23 22:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	98.9			80.0-120
(S) 4-Bromofluorobenzene	96.9			77.0-126
(S) 1,2-Dichloroethane-d4	108			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3906138-1 03/27/23 20:59 • (LCSD) R3906138-4 03/27/23 23:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00510	0.00432	102	86.4	70.0-123			16.6	20
Ethylbenzene	0.00500	0.00577	0.00516	115	103	79.0-123			11.2	20
Toluene	0.00500	0.00495	0.00446	99.0	89.2	79.0-120			10.4	20
Xylenes, Total	0.0150	0.0169	0.0147	113	98.0	79.0-123			13.9	20
(S) Toluene-d8				96.7	102	80.0-120				
(S) 4-Bromofluorobenzene				104	103	77.0-126				
(S) 1,2-Dichloroethane-d4				111	108	70.0-130				

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3906138-2 03/27/23 21:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.25	85.0	66.0-132	
(S) Toluene-d8			94.6	80.0-120	
(S) 4-Bromofluorobenzene			102	77.0-126	
(S) 1,2-Dichloroethane-d4			103	70.0-130	

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 [L1597291-01](#)

Method Blank (MB)

(MB) R3907115-1 03/29/23 12:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	102			31.0-160

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3907115-2 03/29/23 12:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	1.50	1.31	87.3	50.0-150	
(S) o-Terphenyl			104	31.0-160	

L1597228-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597228-03 03/30/23 00:37 • (MS) R3907354-1 03/30/23 00:59 • (MSD) R3907354-2 03/30/23 01:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.43	0.548	2.21	2.03	116	104	1	50.0-150			8.49	20
(S) o-Terphenyl					119	115		31.0-160				

Method Blank (MB)

(MB) R3906597-1 03/29/23 01:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	97.5			31.0-160

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3906597-2 03/29/23 01:21 • (LCSD) R3906597-3 03/29/23 01:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.25	1.32	83.3	88.0	50.0-150			5.45	20
(S) o-Terphenyl				103	103	31.0-160				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GHD - P66

Billing Information:

Chris Knight
2055 Niagara Falls Blvd. Ste. 3
Niagara Falls, NY 14304

Pres
Chk

Analysis / Container / Preservative

Chain of Custody

Page ____ of ____



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # L1597291

E107

Template: T226477

Prelimin: P987142

PM: 526 - Chris McCord

PB: 315123 W

Shipped Via: FedEx Ground

Remarks

Sample # (lab only)

Report to:

David Bonga

Email To:

david.bonga@ghd.com; christopher.knight@ghd.com

Project Description:

12599842 - P66 3373 East Hobbs Junction 2023 SOW

City/State

Collected: Hobbs, NM

Please Circle:

PT MT CT ET

Phone: 432-215-6984

Client Project

12599842

Lab Project

P66GHD-EASTHOBBS

Collected by (print):

Dalton Cooper

Site/Facility ID

P66

P.O.

Collected by (signature):

Rush? (Lab MUST Be Notified)

Same Day Five Day
Two Day 5 Day (Rad Only)
Three Day 10 Day (Rad Only)

Quote

Date Results Needed

Immediately

Packed on Ice N ☐ Y ☒No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-27	Grab	GW	41'8"	3/21/23	10:53 AM	6
MW-2	G	GW	41'9"	3/21/23	1:18 PM	6
MW-1	G	GW	50'7"	3/21/23	1:01 PM	6
MW-26	G	GW	41'3.5"	3/21/23	11:47 AM	6
		GW				6
		GW				6
		GW				6
		GW				6
		GW				6
		GW				6

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260TPHKS = BTEX, GRO 8260

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

___ UPS ___ FedEx ___ Courier

Tracking

0337 2238 1427

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

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 4.5°C Bottles Received: 24

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 3-22-23 Time: 915

Hold:

Condition:

NCF / OK



ANALYTICAL REPORT

April 07, 2023

GHD - P66

Sample Delivery Group: L1597803
Samples Received: 03/23/2023
Project Number: 12599842
Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW
Site: P66
Report To: David Bonga

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "Chris McCord".

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
MW-3 L1597803-01	5	
Qc: Quality Control Summary	6	⁴ Cn
Wet Chemistry by Method 300.0	6	⁵ Sr
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	7	
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	8	⁶ Qc
Gl: Glossary of Terms	9	⁷ Gl
Al: Accreditations & Locations	10	
Sc: Sample Chain of Custody	11	⁸ Al
		⁹ Sc

MW-3 L1597803-01 GW

Collected by Dalton Cooper
Collected date/time 03/22/23 09:21
Received date/time 03/23/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2031539	1000	03/29/23 09:03	03/29/23 09:03	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2031559	1	03/29/23 22:03	03/29/23 22:03	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031814	1	03/31/23 08:46	04/01/23 00:43	TJD	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 03/22/23 09:21

L1597803

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	ND		1000	1000	03/29/2023 09:03	WG2031539

Sample Narrative:

L1597803-01 WG2031539: Dilution due to pH of sample.

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	03/29/2023 22:03	WG2031559
Benzene	0.00793		0.00100	1	03/29/2023 22:03	WG2031559
Ethylbenzene	0.00348		0.00100	1	03/29/2023 22:03	WG2031559
Toluene	0.00104		0.00100	1	03/29/2023 22:03	WG2031559
Xylenes, Total	0.00356		0.00300	1	03/29/2023 22:03	WG2031559
(S) Toluene-d8	109		80.0-120		03/29/2023 22:03	WG2031559
(S) 4-Bromofluorobenzene	107		77.0-126		03/29/2023 22:03	WG2031559
(S) 1,2-Dichloroethane-d4	100		70.0-130		03/29/2023 22:03	WG2031559

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	4.80		0.100	1	04/01/2023 00:43	WG2031814
(S) o-Terphenyl	83.2		31.0-160		04/01/2023 00:43	WG2031814

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

L1597803-01

Method Blank (MB)

(MB) R3907045-1 03/29/23 02:49

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Chloride	0.382	⬇	0.379	1.00

L1597585-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1597585-11 03/29/23 05:23 • (DUP) R3907045-3 03/29/23 05:36

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Chloride	24.2	24.4	1	0.527		20

L1597881-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1597881-01 03/29/23 10:41 • (DUP) R3907045-6 03/29/23 10:54

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Chloride	57.6	57.5	1	0.119		20

Laboratory Control Sample (LCS)

(LCS) R3907045-2 03/29/23 03:02

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Chloride	40.0	38.6	96.6	90.0-110	

L1597585-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597585-11 03/29/23 05:23 • (MS) R3907045-4 03/29/23 05:49 • (MSD) R3907045-5 03/29/23 06:02

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	50.0	24.2	72.5	72.9	96.6	97.2	1	80.0-120			0.459	20

L1597881-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1597881-01 03/29/23 10:41 • (MS) R3907045-7 03/29/23 11:07

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	mg/l	mg/l	mg/l	%		%	
Chloride	50.0	57.6	104	92.2	1	80.0-120	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

L1597803-01

Method Blank (MB)

(MB) R3907204-5 03/29/23 19:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	99.6			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3907204-1 03/29/23 17:59 • (LCSD) R3907204-2 03/29/23 18:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00496	0.00485	99.2	97.0	70.0-123			2.24	20
Ethylbenzene	0.00500	0.00474	0.00489	94.8	97.8	79.0-123			3.12	20
Toluene	0.00500	0.00494	0.00487	98.8	97.4	79.0-120			1.43	20
Xylenes, Total	0.0150	0.0146	0.0144	97.3	96.0	79.0-123			1.38	20
(S) Toluene-d8				108	105	80.0-120				
(S) 4-Bromofluorobenzene				106	103	77.0-126				
(S) 1,2-Dichloroethane-d4				105	106	70.0-130				

Laboratory Control Sample (LCS)

(LCS) R3907204-3 03/29/23 18:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.18	83.6	66.0-132	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			121	77.0-126	
(S) 1,2-Dichloroethane-d4			101	70.0-130	

Method Blank (MB)

(MB) R3908392-1 03/31/23 21:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	0.0428	⬇	0.0247	0.100
(S) o-Terphenyl	112			31.0-160

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3908392-2 03/31/23 22:17 • (LCSD) R3908392-3 03/31/23 22:38

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.51	1.71	101	114	50.0-150			12.4	20
(S) o-Terphenyl				123	121	31.0-160				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

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Cp

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Tc

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Ss

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Sr

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Qc

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Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹Cp

²Tc

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⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GHD - P66

Billing Information:

Chris Knight
2055 Niagara Falls Blvd. Ste. 3
Niagara Falls, NY 14304

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 154 of 326



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
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 # **L1597803**
J189

Acctnum: P66GHD

Template: T226477

Prelogin: P987142

PM: 526 - Chris McCord

PB: **315623 MB**Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)

Report to:

David Bonga

Email To:

david.bonga@ghd.com; christopher.knight@ghd

Project Description:

12599842 - P66 3373 East Hobbs Junction 2023 SOW

City/State

Collected: **Hobbs NM**

Please Circle:

PT MT CT ET

Phone:

432-215-6984

Client Project

12599842

Lab Project

P66GHD-EASTHOBBS

Collected by (print):

Dalton/Marina

Site/Facility ID

P66

P.O.

Collected by (signature):

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

Immediately

Packed on Ice N ☐ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

MW-3

Grab

GW

42'6"

3/22/23

9:21 AM

6

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

* Matrix:

SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260TPHKS = BTEX, GRO 8260

pH Temp

Flow Other

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Sample Receipt Checklist

COC Seal Present/Intact: ☒ 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:

3/22/23

Time:

16:34 AM

Received by: (Signature)

Trip Blank Received: Yes ☒ No ☐

HCL/MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C 47 6

Date: 3/23/23 Time: 09:15

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 3/23/23 Time: 09:15

Hold:

Condition:
NCF ☒ OK



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: David Bonga
GHD Services Inc.
200 W Allegan Street
Suite 300
Plainwell, Michigan 49080-1397

Generated 3/29/2023 3:12:46 PM

JOB DESCRIPTION

P66 3373 East Hobbs Cool-Ox 2023
SDG NUMBER 12599842

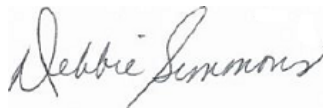
JOB NUMBER

880-26236-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
3/29/2023 3:12:46 PM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Laboratory Job ID: 880-26236-1
SDG: 12599842

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Qualifiers

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Job ID: 880-26236-1

Laboratory: Eurofins Midland

Narrative	
	Job Narrative 880-26236-1

Receipt

The samples were received on 3/22/2023 2:04 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C

Biology

Method 9215C_24H: The following samples were received outside of holding time: MW-1 (880-26236-1), MW-2 (880-26236-2), MW-3 (880-26236-3), (MB 870-11612/1) and (880-26236-A-3 DU).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Client Sample ID: MW-1
Date Collected: 03/22/23 09:06
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-1
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	<10	U H	10	10	CFU/mL			03/23/23 10:22	1

Client Sample ID: MW-2
Date Collected: 03/22/23 09:11
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-2
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	<10	U H	10	10	CFU/mL			03/23/23 10:22	1

Client Sample ID: MW-3
Date Collected: 03/22/23 09:14
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-3
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	<10	U H	10	10	CFU/mL			03/23/23 10:22	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Method: 9215C - Heterotrophic Plate Count

Lab Sample ID: MB 870-11612/1										Client Sample ID: Method Blank	
Matrix: Water										Prep Type: Total/NA	
Analysis Batch: 11612											
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
HPC @ 35 Degrees	<10	U	10	10	CFU/mL			03/23/23 10:22	1		

Lab Sample ID: 880-26236-3 DU										Client Sample ID: MW-3	
Matrix: Water										Prep Type: Total/NA	
Analysis Batch: 11612											
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D		RPD	Limit		
HPC @ 35 Degrees	<10	U H	<10	U	CFU/mL			NC	20		

QC Association Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Biology

Analysis Batch: 11612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26236-1	MW-1	Total/NA	Water	9215C	
880-26236-2	MW-2	Total/NA	Water	9215C	
880-26236-3	MW-3	Total/NA	Water	9215C	
MB 870-11612/1	Method Blank	Total/NA	Water	9215C	
880-26236-3 DU	MW-3	Total/NA	Water	9215C	

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Lab Chronicle

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Client Sample ID: MW-1
Date Collected: 03/22/23 09:06
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	11612	03/23/23 10:22	WP	EET DAL

Client Sample ID: MW-2
Date Collected: 03/22/23 09:11
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	11612	03/23/23 10:22	WP	EET DAL

Client Sample ID: MW-3
Date Collected: 03/22/23 09:14
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	11612	03/23/23 10:22	WP	EET DAL

Laboratory References:
EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Laboratory: Eurofins Dallas

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295-22-31	06-30-23

- 1
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- 11
- 12
- 13

Method Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Method	Method Description	Protocol	Laboratory
9215C	Heterotrophic Plate Count	SM	EET DAL

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

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Sample Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26236-1	MW-1	Water	03/22/23 09:06	03/22/23 14:04
880-26236-2	MW-2	Water	03/22/23 09:11	03/22/23 14:04
880-26236-3	MW-3	Water	03/22/23 09:14	03/22/23 14:04

- 1
- 2
- 3
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- 12
- 13

Ver. 01/16/2019

Eurofins Midland

1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record



eurofins

Environment, Testing

[illegible]

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26236-1

SDG Number: 12599842

Login Number: 26236

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26236-1

SDG Number: 12599842

Login Number: 26236

List Number: 2

Creator: Whitlock, Kaitlyn N

List Source: Eurofins Dallas

List Creation: 03/23/23 10:10 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



ANALYTICAL REPORT

July 11, 2023

GHD - P66

Sample Delivery Group: L1629240
Samples Received: 06/23/2023
Project Number: 12599842
Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW

Report To: David Bonga

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	5	
Sr: Sample Results	6	³ Ss
MW-27 L1629240-01	6	
DUP-01 L1629240-02	7	⁴ Cn
MW-2 L1629240-03	8	⁵ Sr
MW-1 L1629240-04	9	
MW-26 L1629240-05	10	⁶ Qc
MW-24 L1629240-06	11	
MW-3 L1629240-07	12	⁷ Gl
Qc: Quality Control Summary	13	⁸ Al
Wet Chemistry by Method 300.0	13	
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	15	
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	16	⁹ Sc
Gl: Glossary of Terms	17	
Al: Accreditations & Locations	18	
Sc: Sample Chain of Custody	19	

MW-27 L1629240-01 GW

				Collected by Jack Kreisler	Collected date/time 06/22/23 13:25	Received date/time 06/23/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2090419	1	07/08/23 00:26	07/08/23 00:26	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 10:39	06/30/23 10:39	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 14:32	MAA	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

DUP-01 L1629240-02 GW

				Collected by Jack Kreisler	Collected date/time 06/22/23 00:00	Received date/time 06/23/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2090419	1	07/08/23 01:30	07/08/23 01:30	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 11:01	06/30/23 11:01	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 14:53	MAA	Mt. Juliet, TN

MW-2 L1629240-03 GW

				Collected by Jack Kreisler	Collected date/time 06/22/23 12:15	Received date/time 06/23/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2090419	1	07/08/23 01:43	07/08/23 01:43	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	5	06/30/23 13:33	06/30/23 13:33	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 15:13	MAA	Mt. Juliet, TN

MW-1 L1629240-04 GW

				Collected by Jack Kreisler	Collected date/time 06/22/23 11:45	Received date/time 06/23/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2090419	1	07/08/23 01:56	07/08/23 01:56	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	5	06/30/23 13:55	06/30/23 13:55	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	5	06/30/23 20:37	07/03/23 19:38	MAA	Mt. Juliet, TN

MW-26 L1629240-05 GW

				Collected by Jack Kreisler	Collected date/time 06/22/23 13:10	Received date/time 06/23/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2091106	1	07/08/23 08:33	07/08/23 08:33	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 11:23	06/30/23 11:23	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 15:54	MAA	Mt. Juliet, TN

MW-24 L1629240-06 GW

				Collected by Jack Kreisler	Collected date/time 06/22/23 11:15	Received date/time 06/23/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2091106	10	07/08/23 08:46	07/08/23 08:46	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 11:44	06/30/23 11:44	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 16:14	DMG	Mt. Juliet, TN

MW-3 L1629240-07 GW

Collected by
Jack Kreisler

Collected date/time
06/22/23 12:30

Received date/time
06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2091106	100	07/08/23 08:59	07/08/23 08:59	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 12:06	06/30/23 12:06	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 16:35	DMG	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1629240-02	DUP-01	3511/8015
L1629240-03	MW-2	3511/8015
L1629240-04	MW-1	3511/8015
L1629240-06	MW-24	3511/8015
L1629240-07	MW-3	8260B/8260B/OA1, 3511/8015

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Collected date/time: 06/22/23 13:25

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	139		1.00	1	07/08/2023 00:26	WG2090419

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	06/30/2023 10:39	WG2086604
Benzene	ND		0.00100	1	06/30/2023 10:39	WG2086604
Ethylbenzene	ND		0.00100	1	06/30/2023 10:39	WG2086604
Toluene	ND		0.00100	1	06/30/2023 10:39	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 10:39	WG2086604
(S) Toluene-d8	105		80.0-120		06/30/2023 10:39	WG2086604
(S) 4-Bromofluorobenzene	110		77.0-126		06/30/2023 10:39	WG2086604
(S) 1,2-Dichloroethane-d4	111		70.0-130		06/30/2023 10:39	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	ND		0.100	1	07/03/2023 14:32	WG2086421
(S) o-Terphenyl	90.0		31.0-160		07/03/2023 14:32	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 00:00

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	116		1.00	1	07/08/2023 01:30	WG2090419

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	06/30/2023 11:01	WG2086604
Benzene	ND		0.00100	1	06/30/2023 11:01	WG2086604
Ethylbenzene	ND		0.00100	1	06/30/2023 11:01	WG2086604
Toluene	ND		0.00100	1	06/30/2023 11:01	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 11:01	WG2086604
(S) Toluene-d8	106		80.0-120		06/30/2023 11:01	WG2086604
(S) 4-Bromofluorobenzene	107		77.0-126		06/30/2023 11:01	WG2086604
(S) 1,2-Dichloroethane-d4	116		70.0-130		06/30/2023 11:01	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	ND		0.100	1	07/03/2023 14:53	WG2086421
(S) o-Terphenyl	93.7		31.0-160		07/03/2023 14:53	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 12:15

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	46.7		1.00	1	07/08/2023 01:43	WG2090419

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	3.27		2.50	5	06/30/2023 13:33	WG2086604
Benzene	0.126		0.00500	5	06/30/2023 13:33	WG2086604
Ethylbenzene	0.0122		0.00500	5	06/30/2023 13:33	WG2086604
Toluene	ND		0.00500	5	06/30/2023 13:33	WG2086604
Xylenes, Total	0.0494		0.0150	5	06/30/2023 13:33	WG2086604
(S) Toluene-d8	105		80.0-120		06/30/2023 13:33	WG2086604
(S) 4-Bromofluorobenzene	107		77.0-126		06/30/2023 13:33	WG2086604
(S) 1,2-Dichloroethane-d4	118		70.0-130		06/30/2023 13:33	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.70		0.100	1	07/03/2023 15:13	WG2086421
(S) o-Terphenyl	92.1		31.0-160		07/03/2023 15:13	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 11:45

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	90.2		1.00	1	07/08/2023 01:56	WG2090419

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		2.50	5	06/30/2023 13:55	WG2086604
Benzene	0.0584		0.00500	5	06/30/2023 13:55	WG2086604
Ethylbenzene	ND		0.00500	5	06/30/2023 13:55	WG2086604
Toluene	0.00664		0.00500	5	06/30/2023 13:55	WG2086604
Xylenes, Total	0.0159		0.0150	5	06/30/2023 13:55	WG2086604
(S) Toluene-d8	103		80.0-120		06/30/2023 13:55	WG2086604
(S) 4-Bromofluorobenzene	110		77.0-126		06/30/2023 13:55	WG2086604
(S) 1,2-Dichloroethane-d4	120		70.0-130		06/30/2023 13:55	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.89		0.500	5	07/03/2023 19:38	WG2086421
(S) o-Terphenyl	84.7		31.0-160		07/03/2023 19:38	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 13:10

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	116		1.00	1	07/08/2023 08:33	WG2091106

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	06/30/2023 11:23	WG2086604
Benzene	ND		0.00100	1	06/30/2023 11:23	WG2086604
Ethylbenzene	ND		0.00100	1	06/30/2023 11:23	WG2086604
Toluene	ND		0.00100	1	06/30/2023 11:23	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 11:23	WG2086604
(S) Toluene-d8	103		80.0-120		06/30/2023 11:23	WG2086604
(S) 4-Bromofluorobenzene	106		77.0-126		06/30/2023 11:23	WG2086604
(S) 1,2-Dichloroethane-d4	118		70.0-130		06/30/2023 11:23	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	ND		0.100	1	07/03/2023 15:54	WG2086421
(S) o-Terphenyl	90.5		31.0-160		07/03/2023 15:54	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 11:15

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	244		10.0	10	07/08/2023 08:46	WG2091106

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	06/30/2023 11:44	WG2086604
Benzene	ND		0.00100	1	06/30/2023 11:44	WG2086604
Ethylbenzene	ND		0.00100	1	06/30/2023 11:44	WG2086604
Toluene	ND		0.00100	1	06/30/2023 11:44	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 11:44	WG2086604
(S) Toluene-d8	105		80.0-120		06/30/2023 11:44	WG2086604
(S) 4-Bromofluorobenzene	102		77.0-126		06/30/2023 11:44	WG2086604
(S) 1,2-Dichloroethane-d4	115		70.0-130		06/30/2023 11:44	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		0.100	1	07/03/2023 16:14	WG2086421
(S) o-Terphenyl	83.5		31.0-160		07/03/2023 16:14	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 12:30

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	150		100	100	07/08/2023 08:59	WG2091106

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	0.548		0.500	1	06/30/2023 12:06	WG2086604
Benzene	0.00967		0.00100	1	06/30/2023 12:06	WG2086604
Ethylbenzene	0.00233		0.00100	1	06/30/2023 12:06	WG2086604
Toluene	0.00108		0.00100	1	06/30/2023 12:06	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 12:06	WG2086604
(S) Toluene-d8	107		80.0-120		06/30/2023 12:06	WG2086604
(S) 4-Bromofluorobenzene	110		77.0-126		06/30/2023 12:06	WG2086604
(S) 1,2-Dichloroethane-d4	113		70.0-130		06/30/2023 12:06	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	2.21		0.100	1	07/03/2023 16:35	WG2086421
(S) o-Terphenyl	96.3		31.0-160		07/03/2023 16:35	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

L1629240-01,02,03,04

Method Blank (MB)

(MB) R3946581-1 07/07/23 22:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1629240-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1629240-01 07/08/23 00:26 • (DUP) R3946581-3 07/08/23 01:05

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	139	146	1	4.52		20

L1629300-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1629300-06 07/08/23 03:38 • (DUP) R3946581-5 07/08/23 03:51

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	102	103	1	0.382		20

Laboratory Control Sample (LCS)

(LCS) R3946581-2 07/07/23 22:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.0	97.5	90.0-110	

L1629240-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1629240-01 07/08/23 00:26 • (MS) R3946581-4 07/08/23 01:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	139	182	85.6	1	80.0-120	

L1629300-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1629300-06 07/08/23 03:38 • (MS) R3946581-6 07/08/23 04:04 • (MSD) R3946581-7 07/08/23 04:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	102	148	147	90.2	89.5	1	80.0-120			0.235	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Wet Chemistry by Method 300.0

L1629240-05.06.07

Method Blank (MB)

(MB) R3946579-1 07/08/23 05:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1628955-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1628955-17 07/08/23 06:38 • (DUP) R3946579-3 07/08/23 06:51

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Chloride	102	99.7	1	2.40	20

L1629303-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1629303-03 07/08/23 11:07 • (DUP) R3946579-6 07/08/23 11:20

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Chloride	71.0	70.9	1	0.147	20

Laboratory Control Sample (LCS)

(LCS) R3946579-2 07/08/23 05:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.9	97.3	90.0-110	

L1628955-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628955-17 07/08/23 06:38 • (MS) R3946579-4 07/08/23 07:03 • (MSD) R3946579-5 07/08/23 07:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	102	146	145	88.6	86.2	1	80.0-120			0.836	20

L1629303-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1629303-03 07/08/23 11:07 • (MS) R3946579-7 07/08/23 11:32

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	71.0	116	90.4	1	80.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

L1629240-01,02,03,04,05,06,07

Method Blank (MB)

(MB) R3943933-4 06/30/23 06:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	112			77.0-126
(S) 1,2-Dichloroethane-d4	113			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3943933-1 06/30/23 05:17 • (LCSD) R3943933-2 06/30/23 05:38

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00443	0.00493	88.6	98.6	70.0-123			10.7	20
Ethylbenzene	0.00500	0.00414	0.00430	82.8	86.0	79.0-123			3.79	20
Toluene	0.00500	0.00439	0.00422	87.8	84.4	79.0-120			3.95	20
Xylenes, Total	0.0150	0.0132	0.0137	88.0	91.3	79.0-123			3.72	20
(S) Toluene-d8				106	104	80.0-120				
(S) 4-Bromofluorobenzene				110	105	77.0-126				
(S) 1,2-Dichloroethane-d4				120	117	70.0-130				

Laboratory Control Sample (LCS)

(LCS) R3943933-3 06/30/23 06:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.75	95.0	66.0-132	
(S) Toluene-d8			104	80.0-120	
(S) 4-Bromofluorobenzene			110	77.0-126	
(S) 1,2-Dichloroethane-d4			116	70.0-130	

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 [L1629240-01,02,03,04,05,06,07](#)

Method Blank (MB)

(MB) R3944192-1 07/03/23 10:04

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	82.5			31.0-160

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3944192-2 07/03/23 10:25 • (LCSD) R3944192-3 07/03/23 10:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.38	1.42	92.0	94.7	50.0-150			2.86	20
(S) o-Terphenyl				94.5	95.0	31.0-160				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

QualifierDescription

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Company Name/Address: GHD - P66			Billing Information: Chris Knight 2055 Niagara Falls Blvd. Ste. 3 Niagara Falls, NY 14304			Pres Chk		Analysis / Container / Preservative										Chain of Custody Page ____ of ____	
Report to: David Bonga			Email To: david.bonga@ghd.com;christopher.knight@ghd.com															 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Project Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW			City/State Collected: Hobbs, NM			Please Circle: PT MT CT ET													
Phone: 617-513-3506		Client Project # 12599842		Lab Project # P66GHD-EASTHOBBS														SDG # 1629290	
Collected by (print): Jack Kreisler		Site/Facility ID #		P.O. # 340-011139														Tab D020	
Collected by (signature): Jack Kreisler		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												Acctnum: P66GHD	
Immediately Packed on Ice N ____ Y ☒						No. of Cntrs												Template: T226477	
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time		CHLORIDE 125miHDPE-NoPres	DROLVI 40miAmb-HCI-BT	V8260TPHKS 40miAmb-HCI							Shipped Via:		
MW-27			GW		06/22/23	13:25	6	X	X	X							Remarks		
DUP-01			GW		06/22/23		6	X	X	X							Sample # (lab only)		
MW-2			GW		06/22/23	12:15	6	X	X	X							- 01		
MW-1			GW		06/22/23	11:45	6	X	X	X							- 02		
MW-26			GW		06/22/23	15:12	6	X	X	X							- 03		
MW-24			GW		06/22/23	11:15	6	X	X	X							- 04		
MW-3			GW		06/22/23	12:30	6	X	X	X							- 05		
			GW				6	X	X	X							- 06		
			GW				6	X	X	X							- 07		
			GW				6	X	X	X									
			GW				6	X	X	X									
			GW				6	X	X	X									
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____		Remarks: V8260TPHKS = BTEX, GRO 8260										pH _____ Temp _____		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					
Samples returned via: ____ UPS ☒ FedEx ____ Courier _____		Tracking # 60424 8303 7882										Flow _____ Other _____							
Relinquished by: (Signature) Jack Kreisler		Date: 06/22/23	Time: 14:50	Received by: (Signature)			Trip Blank Received: Yes / No 1 HCL / MeOH TBR			Temp: _____ °C Bottles Received: 0.910 = 0.942				If preservation required by Login: Date/Time					
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)			Date: _____ Time: _____			Hold:				Condition: NCF / OK					
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature) Alexa Mitchell			Date: 6/23/23 Time: 0900												



ANALYTICAL REPORT

March 31, 2023

GHD - P66

Sample Delivery Group: L1597291
Samples Received: 03/22/2023
Project Number: 12599842
Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW
Site: P66
Report To: David Bonga

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
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MW-2 L1597291-02	6	⁴ Cn
MW-1 L1597291-03	7	⁵ Sr
MW-26 L1597291-04	8	
Qc: Quality Control Summary	9	⁶ Qc
Wet Chemistry by Method 300.0	9	
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	10	⁷ Gl
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	12	⁸ Al
Gl: Glossary of Terms	14	
Al: Accreditations & Locations	15	⁹ Sc
Sc: Sample Chain of Custody	16	

MW-27 L1597291-01 GW

Collected by Dalton Cooper
Collected date/time 03/21/23 10:53
Received date/time 03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2030993	5	03/28/23 06:40	03/28/23 06:40	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2029914	1	03/27/23 03:55	03/27/23 03:55	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031093	1	03/28/23 16:44	03/30/23 16:17	HLJ	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

MW-2 L1597291-02 GW

Collected by Dalton Cooper
Collected date/time 03/21/23 13:18
Received date/time 03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2030993	5	03/28/23 06:53	03/28/23 06:53	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2030947	5	03/28/23 00:51	03/28/23 00:51	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031095	1	03/28/23 16:42	03/30/23 17:45	HLJ	Mt. Juliet, TN

MW-1 L1597291-03 GW

Collected by Dalton Cooper
Collected date/time 03/21/23 13:01
Received date/time 03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2030993	1	03/28/23 01:18	03/28/23 01:18	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2030947	5	03/28/23 01:13	03/28/23 01:13	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031095	2	03/28/23 16:42	03/31/23 03:04	MWS	Mt. Juliet, TN

MW-26 L1597291-04 GW

Collected by Dalton Cooper
Collected date/time 03/21/23 11:47
Received date/time 03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2030993	1	03/28/23 07:06	03/28/23 07:06	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2029914	1	03/27/23 04:17	03/27/23 04:17	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031095	1	03/28/23 16:42	03/30/23 17:01	HLJ	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Collected date/time: 03/21/23 10:53

L1597291

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	135		5.00	5	03/28/2023 06:40	WG2030993

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	03/27/2023 03:55	WG2029914
Benzene	ND		0.00100	1	03/27/2023 03:55	WG2029914
Ethylbenzene	ND		0.00100	1	03/27/2023 03:55	WG2029914
Toluene	ND		0.00100	1	03/27/2023 03:55	WG2029914
Xylenes, Total	ND		0.00300	1	03/27/2023 03:55	WG2029914
(S) Toluene-d8	112		80.0-120		03/27/2023 03:55	WG2029914
(S) 4-Bromofluorobenzene	105		77.0-126		03/27/2023 03:55	WG2029914
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/27/2023 03:55	WG2029914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	ND		0.100	1	03/30/2023 16:17	WG2031093
(S) o-Terphenyl	132		31.0-160		03/30/2023 16:17	WG2031093

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/21/23 13:18

L1597291

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	46.5		5.00	5	03/28/2023 06:53	WG2030993

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		2.50	5	03/28/2023 00:51	WG2030947
Benzene	0.0649		0.00500	5	03/28/2023 00:51	WG2030947
Ethylbenzene	0.00907		0.00500	5	03/28/2023 00:51	WG2030947
Toluene	ND		0.00500	5	03/28/2023 00:51	WG2030947
Xylenes, Total	0.0248		0.0150	5	03/28/2023 00:51	WG2030947
(S) Toluene-d8	94.2		80.0-120		03/28/2023 00:51	WG2030947
(S) 4-Bromofluorobenzene	117		77.0-126		03/28/2023 00:51	WG2030947
(S) 1,2-Dichloroethane-d4	116		70.0-130		03/28/2023 00:51	WG2030947

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.41		0.100	1	03/30/2023 17:45	WG2031095
(S) o-Terphenyl	121		31.0-160		03/30/2023 17:45	WG2031095

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/21/23 13:01

L1597291

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	85.8		1.00	1	03/28/2023 01:18	WG2030993

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		2.50	5	03/28/2023 01:13	WG2030947
Benzene	0.0881		0.00500	5	03/28/2023 01:13	WG2030947
Ethylbenzene	ND		0.00500	5	03/28/2023 01:13	WG2030947
Toluene	0.00940		0.00500	5	03/28/2023 01:13	WG2030947
Xylenes, Total	0.0263		0.0150	5	03/28/2023 01:13	WG2030947
(S) Toluene-d8	99.4		80.0-120		03/28/2023 01:13	WG2030947
(S) 4-Bromofluorobenzene	103		77.0-126		03/28/2023 01:13	WG2030947
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/28/2023 01:13	WG2030947

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	10.9		0.200	2	03/31/2023 03:04	WG2031095
(S) o-Terphenyl	113		31.0-160		03/31/2023 03:04	WG2031095

8 Al

9 Sc

Collected date/time: 03/21/23 11:47

L1597291

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	118		1.00	1	03/28/2023 07:06	WG2030993

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	03/27/2023 04:17	WG2029914
Benzene	ND		0.00100	1	03/27/2023 04:17	WG2029914
Ethylbenzene	ND		0.00100	1	03/27/2023 04:17	WG2029914
Toluene	ND		0.00100	1	03/27/2023 04:17	WG2029914
Xylenes, Total	ND		0.00300	1	03/27/2023 04:17	WG2029914
(S) Toluene-d8	106		80.0-120		03/27/2023 04:17	WG2029914
(S) 4-Bromofluorobenzene	104		77.0-126		03/27/2023 04:17	WG2029914
(S) 1,2-Dichloroethane-d4	104		70.0-130		03/27/2023 04:17	WG2029914

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	ND		0.100	1	03/30/2023 17:01	WG2031095
(S) o-Terphenyl	110		31.0-160		03/30/2023 17:01	WG2031095

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

L1597291-01,02,03,04

Method Blank (MB)

(MB) R3906211-1 03/27/23 13:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.449	⬇	0.379	1.00

L1597291-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1597291-03 03/28/23 01:18 • (DUP) R3906211-3 03/28/23 01:31

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Chloride	85.8	87.3	1	1.69	20

L1597291-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1597291-04 03/28/23 07:06 • (DUP) R3906211-6 03/28/23 07:20

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Chloride	118	118	1	0.156	20

Laboratory Control Sample (LCS)

(LCS) R3906211-2 03/27/23 13:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.5	98.7	90.0-110	

L1597291-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597291-03 03/28/23 01:18 • (MS) R3906211-4 03/28/23 01:45 • (MSD) R3906211-5 03/28/23 01:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	85.8	129	130	87.1	88.3	1	80.0-120			0.458	20

L1597291-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1597291-04 03/28/23 07:06 • (MS) R3906211-7 03/28/23 07:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	118	162	88.4	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3905622-4 03/27/23 02:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	104			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3905622-1 03/27/23 00:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00513	103	70.0-123	
Ethylbenzene	0.00500	0.00513	103	79.0-123	
Toluene	0.00500	0.00555	111	79.0-120	
Xylenes, Total	0.0150	0.0159	106	79.0-123	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			107	77.0-126	
(S) 1,2-Dichloroethane-d4			102	70.0-130	

Laboratory Control Sample (LCS)

(LCS) R3905622-2 03/27/23 00:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.37	87.4	66.0-132	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			114	77.0-126	
(S) 1,2-Dichloroethane-d4			103	70.0-130	

Method Blank (MB)

(MB) R3906138-3 03/27/23 22:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	98.9			80.0-120
(S) 4-Bromofluorobenzene	96.9			77.0-126
(S) 1,2-Dichloroethane-d4	108			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3906138-1 03/27/23 20:59 • (LCSD) R3906138-4 03/27/23 23:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00510	0.00432	102	86.4	70.0-123			16.6	20
Ethylbenzene	0.00500	0.00577	0.00516	115	103	79.0-123			11.2	20
Toluene	0.00500	0.00495	0.00446	99.0	89.2	79.0-120			10.4	20
Xylenes, Total	0.0150	0.0169	0.0147	113	98.0	79.0-123			13.9	20
(S) Toluene-d8				96.7	102	80.0-120				
(S) 4-Bromofluorobenzene				104	103	77.0-126				
(S) 1,2-Dichloroethane-d4				111	108	70.0-130				

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3906138-2 03/27/23 21:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.25	85.0	66.0-132	
(S) Toluene-d8			94.6	80.0-120	
(S) 4-Bromofluorobenzene			102	77.0-126	
(S) 1,2-Dichloroethane-d4			103	70.0-130	

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 [L1597291-01](#)

Method Blank (MB)

(MB) R3907115-1 03/29/23 12:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	102			31.0-160

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3907115-2 03/29/23 12:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	1.50	1.31	87.3	50.0-150	
(S) o-Terphenyl			104	31.0-160	

L1597228-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597228-03 03/30/23 00:37 • (MS) R3907354-1 03/30/23 00:59 • (MSD) R3907354-2 03/30/23 01:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.43	0.548	2.21	2.03	116	104	1	50.0-150			8.49	20
(S) o-Terphenyl					119	115		31.0-160				

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 [L1597291-02,03,04](#)

Method Blank (MB)

(MB) R3906597-1 03/29/23 01:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	97.5			31.0-160

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3906597-2 03/29/23 01:21 • (LCSD) R3906597-3 03/29/23 01:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.25	1.32	83.3	88.0	50.0-150			5.45	20
(S) o-Terphenyl				103	103	31.0-160				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J The identification of the analyte is acceptable; the reported value is an estimate.

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GHD - P66

Billing Information:

Chris Knight
2055 Niagara Falls Blvd. Ste. 3
Niagara Falls, NY 14304

Pres
Chk

Analysis / Container / Preservative

Chain of Custody

Page ____ of ____



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # L1597291

E107

Template: T226477

Prelimin: P987142

PM: 526 - Chris McCord

PB: 315123 W

Shipped Via: FedEx Ground

Remarks

Sample # (lab only)

Report to:

David Bonga

Email To:

david.bonga@ghd.com; christopher.knight@ghd.com

Project Description:

12599842 - P66 3373 East Hobbs Junction 2023 SOW

City/State

Collected: Hobbs, NM

Please Circle:

PT MT CT ET

Phone: 432-215-6984

Client Project

12599842

Lab Project

P66GHD-EASTHOBBS

Collected by (print):

Dalton Cooper

Site/Facility ID

P66

P.O.

Collected by (signature):

Rush? (Lab MUST Be Notified)

Same Day Five Day
Two Day 5 Day (Rad Only)
Three Day 10 Day (Rad Only)

Quote

Date Results Needed

Immediately

Packed on Ice N Y X

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-27	Grab	GW	41'8"	3/21/23	10:53 AM	6
MW-2	G	GW	41'9"	3/21/23	1:18 PM	6
MW-1	G	GW	50'7"	3/21/23	1:01 PM	6
MW-26	G	GW	41'3.5"	3/21/23	11:47 AM	6
		GW				6
		GW				6
		GW				6
		GW				6
		GW				6
		GW				6

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260TPHKS = BTEX, GRO 8260

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

___ UPS ___ FedEx ___ Courier

Tracking

0337 2238 1427

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 ☒ NoHCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 4.5°C Bottles Received: 24

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 3-22-23 Time: 915

Hold:

Condition:

NCF / OK



ANALYTICAL REPORT

April 07, 2023

GHD - P66

Sample Delivery Group: L1597803
Samples Received: 03/23/2023
Project Number: 12599842
Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW
Site: P66
Report To: David Bonga

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "Chris McCord".

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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MW-3 L1597803-01 GW

Collected by Dalton Cooper
Collected date/time 03/22/23 09:21
Received date/time 03/23/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2031539	1000	03/29/23 09:03	03/29/23 09:03	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2031559	1	03/29/23 22:03	03/29/23 22:03	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2031814	1	03/31/23 08:46	04/01/23 00:43	TJD	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Collected date/time: 03/22/23 09:21

L1597803

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	ND		1000	1000	03/29/2023 09:03	WG2031539

Sample Narrative:

L1597803-01 WG2031539: Dilution due to pH of sample.

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	03/29/2023 22:03	WG2031559
Benzene	0.00793		0.00100	1	03/29/2023 22:03	WG2031559
Ethylbenzene	0.00348		0.00100	1	03/29/2023 22:03	WG2031559
Toluene	0.00104		0.00100	1	03/29/2023 22:03	WG2031559
Xylenes, Total	0.00356		0.00300	1	03/29/2023 22:03	WG2031559
(S) Toluene-d8	109		80.0-120		03/29/2023 22:03	WG2031559
(S) 4-Bromofluorobenzene	107		77.0-126		03/29/2023 22:03	WG2031559
(S) 1,2-Dichloroethane-d4	100		70.0-130		03/29/2023 22:03	WG2031559

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.80		0.100	1	04/01/2023 00:43	WG2031814
(S) o-Terphenyl	83.2		31.0-160		04/01/2023 00:43	WG2031814

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3907045-1 03/29/23 02:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.382	⬇	0.379	1.00

L1597585-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1597585-11 03/29/23 05:23 • (DUP) R3907045-3 03/29/23 05:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Chloride	24.2	24.4	1	0.527	20

L1597881-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1597881-01 03/29/23 10:41 • (DUP) R3907045-6 03/29/23 10:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Chloride	57.6	57.5	1	0.119	20

Laboratory Control Sample (LCS)

(LCS) R3907045-2 03/29/23 03:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.6	96.6	90.0-110	

L1597585-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597585-11 03/29/23 05:23 • (MS) R3907045-4 03/29/23 05:49 • (MSD) R3907045-5 03/29/23 06:02

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	24.2	72.5	72.9	96.6	97.2	1	80.0-120			0.459	20

L1597881-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1597881-01 03/29/23 10:41 • (MS) R3907045-7 03/29/23 11:07

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	57.6	104	92.2	1	80.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

L1597803-01

Method Blank (MB)

(MB) R3907204-5 03/29/23 19:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	99.6			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3907204-1 03/29/23 17:59 • (LCSD) R3907204-2 03/29/23 18:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00496	0.00485	99.2	97.0	70.0-123			2.24	20
Ethylbenzene	0.00500	0.00474	0.00489	94.8	97.8	79.0-123			3.12	20
Toluene	0.00500	0.00494	0.00487	98.8	97.4	79.0-120			1.43	20
Xylenes, Total	0.0150	0.0146	0.0144	97.3	96.0	79.0-123			1.38	20
(S) Toluene-d8				108	105	80.0-120				
(S) 4-Bromofluorobenzene				106	103	77.0-126				
(S) 1,2-Dichloroethane-d4				105	106	70.0-130				

Laboratory Control Sample (LCS)

(LCS) R3907204-3 03/29/23 18:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.18	83.6	66.0-132	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			121	77.0-126	
(S) 1,2-Dichloroethane-d4			101	70.0-130	

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 [L1597803-01](#)

Method Blank (MB)

(MB) R3908392-1 03/31/23 21:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	0.0428	⬇	0.0247	0.100
(S) o-Terphenyl	112			31.0-160

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3908392-2 03/31/23 22:17 • (LCSD) R3908392-3 03/31/23 22:38

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.51	1.71	101	114	50.0-150			12.4	20
(S) o-Terphenyl				123	121	31.0-160				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
---	---

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GHD - P66

Billing Information:

Chris Knight
2055 Niagara Falls Blvd. Ste. 3
Niagara Falls, NY 14304

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 216 of 326



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
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 # **L1597803**
J189

Acctnum: P66GHD

Template: T226477

Prelogin: P987142

PM: 526 - Chris McCord

PB: **31523 MB**
Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)

Report to:
David Bonga

Email To:
david.bonga@ghd.com; christopher.knight@ghd

Project Description:
12599842 - P66 3373 East Hobbs Junction 2023 SOW

City/State
Collected: **Hobbs NM**

Please Circle:
PT MT CT ET

Phone:
432-215-6984

Client Project #
12599842

Lab Project #
P66GHD-EASTHOBBS

Collected by (print):
Dalton/Marina

Site/Facility ID #
P66

P.O. #

Collected by (signature):

[Signature]

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

Immediately
Packed on Ice N ☐ Y ☒

No.
of
Cntrs

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

MW-3**Grab****GW****42'6"****3/22/23****9:21 AM****6****X**

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260TPHKS = BTEX, GRO 8260

pH Temp

Flow Other

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Sample Receipt Checklist

COC Seal Present/Intact: ☒ 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

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received: **47 6**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: **3/23/23** Time: **0915**

Hold:

Condition:
NCF ☒ OK



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: David Bonga
GHD Services Inc.
200 W Allegan Street
Suite 300
Plainwell, Michigan 49080-1397

Generated 3/29/2023 3:12:46 PM

JOB DESCRIPTION

P66 3373 East Hobbs Cool-Ox 2023
SDG NUMBER 12599842

JOB NUMBER

880-26236-1

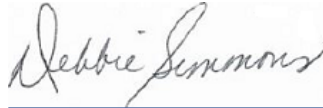
Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/29/2023 3:12:46 PM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Laboratory Job ID: 880-26236-1
SDG: 12599842

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QC Sample Results	7
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Certification Summary	10
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Sample Summary	12
Chain of Custody	13
Receipt Checklists	15

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Qualifiers

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Job ID: 880-26236-1

Laboratory: Eurofins Midland

Narrative	
	Job Narrative 880-26236-1

Receipt

The samples were received on 3/22/2023 2:04 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C

Biology

Method 9215C_24H: The following samples were received outside of holding time: MW-1 (880-26236-1), MW-2 (880-26236-2), MW-3 (880-26236-3), (MB 870-11612/1) and (880-26236-A-3 DU).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Client Sample ID: MW-1
Date Collected: 03/22/23 09:06
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-1
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	<10	U H	10	10	CFU/mL			03/23/23 10:22	1

Client Sample ID: MW-2
Date Collected: 03/22/23 09:11
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-2
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	<10	U H	10	10	CFU/mL			03/23/23 10:22	1

Client Sample ID: MW-3
Date Collected: 03/22/23 09:14
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-3
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	<10	U H	10	10	CFU/mL			03/23/23 10:22	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Method: 9215C - Heterotrophic Plate Count

Lab Sample ID: MB 870-11612/1										Client Sample ID: Method Blank	
Matrix: Water										Prep Type: Total/NA	
Analysis Batch: 11612											
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
HPC @ 35 Degrees	<10	U	10	10	CFU/mL			03/23/23 10:22	1		

Lab Sample ID: 880-26236-3 DU										Client Sample ID: MW-3	
Matrix: Water										Prep Type: Total/NA	
Analysis Batch: 11612											
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D		RPD	Limit		
HPC @ 35 Degrees	<10	U H	<10	U	CFU/mL			NC	20		

QC Association Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Biology

Analysis Batch: 11612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26236-1	MW-1	Total/NA	Water	9215C	
880-26236-2	MW-2	Total/NA	Water	9215C	
880-26236-3	MW-3	Total/NA	Water	9215C	
MB 870-11612/1	Method Blank	Total/NA	Water	9215C	
880-26236-3 DU	MW-3	Total/NA	Water	9215C	

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Lab Chronicle

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Client Sample ID: MW-1
Date Collected: 03/22/23 09:06
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	11612	03/23/23 10:22	WP	EET DAL

Client Sample ID: MW-2
Date Collected: 03/22/23 09:11
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	11612	03/23/23 10:22	WP	EET DAL

Client Sample ID: MW-3
Date Collected: 03/22/23 09:14
Date Received: 03/22/23 14:04

Lab Sample ID: 880-26236-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	11612	03/23/23 10:22	WP	EET DAL

Laboratory References:
EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Laboratory: Eurofins Dallas

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295-22-31	06-30-23

- 1
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- 3
- 4
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Method Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Method	Method Description	Protocol	Laboratory
9215C	Heterotrophic Plate Count	SM	EET DAL

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

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Sample Summary

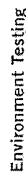
Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2023

Job ID: 880-26236-1
SDG: 12599842

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26236-1	MW-1	Water	03/22/23 09:06	03/22/23 14:04
880-26236-2	MW-2	Water	03/22/23 09:11	03/22/23 14:04
880-26236-3	MW-3	Water	03/22/23 09:14	03/22/23 14:04

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- 11
- 12
- 13

Chain of Custody Record



Environment Testing

Client Information			Lab PM		Carrier Tracking No(s)	
Client Contact: David Bonga			Simmons Debbie		880-5465-706 1	
Company GHD Services Inc.			E-Mail: Debbie Simmons@et.eurofinus.com		Page 1 of 1	
Address: 200 W Allegan Street Suite 300 City: Plainwell State Zip: MI, 49080-1397 Phone: 720-974-0935(Tel) Email: david.bonga@ghd.com Project Name: P66 3373 East Hobbs Cool-Ox 2022 Site: P66 - Hobbs NM			Due Date Requested TAT Requested (days): Compliance Project: ☐ Yes ☐ No PO #: 12581936 Purchase Order Requested WO #: 88001569 SSOW#:		Analysis Requested	
Sample Identification			Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=other)
MW-1			3/22/23	9:06 AM	G	GW
MW-2			3/22/23	9:11 AM	G	GW
MW-3			3/22/23	9:14 AM	G	GW
Special Instructions/Note:			Total Number of Containers			
Preservation Codes			M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)			
Possible Hazard Identification			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological			☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months			
Empty Kit Relinquished by			Special Instructions/QC Requirements			
Relinquished by: <i>David Bonga</i>			Method of Shipment:			
Relinquished by:			Received by:			
Relinquished by:			Received by:			
Relinquished by:			Received by:			
Custody Seals Intact ☐ Yes ☐ No			Cooler Temperature(s) °C and Other Remarks			

Eurofins Midland

1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record



eurofins

Environment, Testing

[illegible]

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26236-1

SDG Number: 12599842

Login Number: 26236

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26236-1

SDG Number: 12599842

Login Number: 26236

List Number: 2

Creator: Whitlock, Kaitlyn N

List Source: Eurofins Dallas

List Creation: 03/23/23 10:10 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



ANALYTICAL REPORT

July 11, 2023

GHD - P66

Sample Delivery Group: L1629240
Samples Received: 06/23/2023
Project Number: 12599842
Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW

Report To: David Bonga

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "Chris McCord".

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	5	
Sr: Sample Results	6	³ Ss
MW-27 L1629240-01	6	
DUP-01 L1629240-02	7	⁴ Cn
MW-2 L1629240-03	8	⁵ Sr
MW-1 L1629240-04	9	
MW-26 L1629240-05	10	⁶ Qc
MW-24 L1629240-06	11	
MW-3 L1629240-07	12	⁷ Gl
Qc: Quality Control Summary	13	⁸ Al
Wet Chemistry by Method 300.0	13	
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	15	
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	16	⁹ Sc
Gl: Glossary of Terms	17	
Al: Accreditations & Locations	18	
Sc: Sample Chain of Custody	19	

MW-27 L1629240-01 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2090419	1	07/08/23 00:26	07/08/23 00:26	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 10:39	06/30/23 10:39	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 14:32	MAA	Mt. Juliet, TN

Collected by
Jack Kreisler

Collected date/time
06/22/23 13:25

Received date/time
06/23/23 09:00

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

DUP-01 L1629240-02 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2090419	1	07/08/23 01:30	07/08/23 01:30	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 11:01	06/30/23 11:01	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 14:53	MAA	Mt. Juliet, TN

Collected by
Jack Kreisler

Collected date/time
06/22/23 00:00

Received date/time
06/23/23 09:00

MW-2 L1629240-03 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2090419	1	07/08/23 01:43	07/08/23 01:43	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	5	06/30/23 13:33	06/30/23 13:33	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 15:13	MAA	Mt. Juliet, TN

Collected by
Jack Kreisler

Collected date/time
06/22/23 12:15

Received date/time
06/23/23 09:00

MW-1 L1629240-04 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2090419	1	07/08/23 01:56	07/08/23 01:56	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	5	06/30/23 13:55	06/30/23 13:55	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	5	06/30/23 20:37	07/03/23 19:38	MAA	Mt. Juliet, TN

Collected by
Jack Kreisler

Collected date/time
06/22/23 11:45

Received date/time
06/23/23 09:00

MW-26 L1629240-05 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2091106	1	07/08/23 08:33	07/08/23 08:33	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 11:23	06/30/23 11:23	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 15:54	MAA	Mt. Juliet, TN

Collected by
Jack Kreisler

Collected date/time
06/22/23 13:10

Received date/time
06/23/23 09:00

MW-24 L1629240-06 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2091106	10	07/08/23 08:46	07/08/23 08:46	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 11:44	06/30/23 11:44	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 16:14	DMG	Mt. Juliet, TN

Collected by
Jack Kreisler

Collected date/time
06/22/23 11:15

Received date/time
06/23/23 09:00

MW-3 L1629240-07 GW

Collected by
Jack Kreisler

Collected date/time
06/22/23 12:30

Received date/time
06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2091106	100	07/08/23 08:59	07/08/23 08:59	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2086604	1	06/30/23 12:06	06/30/23 12:06	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2086421	1	06/30/23 20:37	07/03/23 16:35	DMG	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1629240-02	DUP-01	3511/8015
L1629240-03	MW-2	3511/8015
L1629240-04	MW-1	3511/8015
L1629240-06	MW-24	3511/8015
L1629240-07	MW-3	8260B/8260B/OA1, 3511/8015

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Collected date/time: 06/22/23 13:25

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	139		1.00	1	07/08/2023 00:26	WG2090419

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	06/30/2023 10:39	WG2086604
Benzene	ND		0.00100	1	06/30/2023 10:39	WG2086604
Ethylbenzene	ND		0.00100	1	06/30/2023 10:39	WG2086604
Toluene	ND		0.00100	1	06/30/2023 10:39	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 10:39	WG2086604
(S) Toluene-d8	105		80.0-120		06/30/2023 10:39	WG2086604
(S) 4-Bromofluorobenzene	110		77.0-126		06/30/2023 10:39	WG2086604
(S) 1,2-Dichloroethane-d4	111		70.0-130		06/30/2023 10:39	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		0.100	1	07/03/2023 14:32	WG2086421
(S) o-Terphenyl	90.0		31.0-160		07/03/2023 14:32	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 00:00

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	116		1.00	1	07/08/2023 01:30	WG2090419

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	06/30/2023 11:01	WG2086604
Benzene	ND		0.00100	1	06/30/2023 11:01	WG2086604
Ethylbenzene	ND		0.00100	1	06/30/2023 11:01	WG2086604
Toluene	ND		0.00100	1	06/30/2023 11:01	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 11:01	WG2086604
(S) Toluene-d8	106		80.0-120		06/30/2023 11:01	WG2086604
(S) 4-Bromofluorobenzene	107		77.0-126		06/30/2023 11:01	WG2086604
(S) 1,2-Dichloroethane-d4	116		70.0-130		06/30/2023 11:01	WG2086604

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		0.100	1	07/03/2023 14:53	WG2086421
(S) o-Terphenyl	93.7		31.0-160		07/03/2023 14:53	WG2086421

8 Al

9 Sc

Collected date/time: 06/22/23 12:15

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	46.7		1.00	1	07/08/2023 01:43	WG2090419

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	3.27		2.50	5	06/30/2023 13:33	WG2086604
Benzene	0.126		0.00500	5	06/30/2023 13:33	WG2086604
Ethylbenzene	0.0122		0.00500	5	06/30/2023 13:33	WG2086604
Toluene	ND		0.00500	5	06/30/2023 13:33	WG2086604
Xylenes, Total	0.0494		0.0150	5	06/30/2023 13:33	WG2086604
(S) Toluene-d8	105		80.0-120		06/30/2023 13:33	WG2086604
(S) 4-Bromofluorobenzene	107		77.0-126		06/30/2023 13:33	WG2086604
(S) 1,2-Dichloroethane-d4	118		70.0-130		06/30/2023 13:33	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.70		0.100	1	07/03/2023 15:13	WG2086421
(S) o-Terphenyl	92.1		31.0-160		07/03/2023 15:13	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 11:45

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	90.2		1.00	1	07/08/2023 01:56	WG2090419

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		2.50	5	06/30/2023 13:55	WG2086604
Benzene	0.0584		0.00500	5	06/30/2023 13:55	WG2086604
Ethylbenzene	ND		0.00500	5	06/30/2023 13:55	WG2086604
Toluene	0.00664		0.00500	5	06/30/2023 13:55	WG2086604
Xylenes, Total	0.0159		0.0150	5	06/30/2023 13:55	WG2086604
(S) Toluene-d8	103		80.0-120		06/30/2023 13:55	WG2086604
(S) 4-Bromofluorobenzene	110		77.0-126		06/30/2023 13:55	WG2086604
(S) 1,2-Dichloroethane-d4	120		70.0-130		06/30/2023 13:55	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	8.89		0.500	5	07/03/2023 19:38	WG2086421
(S) o-Terphenyl	84.7		31.0-160		07/03/2023 19:38	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 13:10

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	116		1.00	1	07/08/2023 08:33	WG2091106

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	06/30/2023 11:23	WG2086604
Benzene	ND		0.00100	1	06/30/2023 11:23	WG2086604
Ethylbenzene	ND		0.00100	1	06/30/2023 11:23	WG2086604
Toluene	ND		0.00100	1	06/30/2023 11:23	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 11:23	WG2086604
(S) Toluene-d8	103		80.0-120		06/30/2023 11:23	WG2086604
(S) 4-Bromofluorobenzene	106		77.0-126		06/30/2023 11:23	WG2086604
(S) 1,2-Dichloroethane-d4	118		70.0-130		06/30/2023 11:23	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	ND		0.100	1	07/03/2023 15:54	WG2086421
(S) o-Terphenyl	90.5		31.0-160		07/03/2023 15:54	WG2086421

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Collected date/time: 06/22/23 11:15

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	244		10.0	10	07/08/2023 08:46	WG2091106

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	06/30/2023 11:44	WG2086604
Benzene	ND		0.00100	1	06/30/2023 11:44	WG2086604
Ethylbenzene	ND		0.00100	1	06/30/2023 11:44	WG2086604
Toluene	ND		0.00100	1	06/30/2023 11:44	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 11:44	WG2086604
(S) Toluene-d8	105		80.0-120		06/30/2023 11:44	WG2086604
(S) 4-Bromofluorobenzene	102		77.0-126		06/30/2023 11:44	WG2086604
(S) 1,2-Dichloroethane-d4	115		70.0-130		06/30/2023 11:44	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		0.100	1	07/03/2023 16:14	WG2086421
(S) o-Terphenyl	83.5		31.0-160		07/03/2023 16:14	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/22/23 12:30

L1629240

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	150		100	100	07/08/2023 08:59	WG2091106

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	0.548		0.500	1	06/30/2023 12:06	WG2086604
Benzene	0.00967		0.00100	1	06/30/2023 12:06	WG2086604
Ethylbenzene	0.00233		0.00100	1	06/30/2023 12:06	WG2086604
Toluene	0.00108		0.00100	1	06/30/2023 12:06	WG2086604
Xylenes, Total	ND		0.00300	1	06/30/2023 12:06	WG2086604
(S) Toluene-d8	107		80.0-120		06/30/2023 12:06	WG2086604
(S) 4-Bromofluorobenzene	110		77.0-126		06/30/2023 12:06	WG2086604
(S) 1,2-Dichloroethane-d4	113		70.0-130		06/30/2023 12:06	WG2086604

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	2.21		0.100	1	07/03/2023 16:35	WG2086421
(S) o-Terphenyl	96.3		31.0-160		07/03/2023 16:35	WG2086421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3946581-1 07/07/23 22:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1629240-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1629240-01 07/08/23 00:26 • (DUP) R3946581-3 07/08/23 01:05

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	139	146	1	4.52		20

L1629300-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1629300-06 07/08/23 03:38 • (DUP) R3946581-5 07/08/23 03:51

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	102	103	1	0.382		20

Laboratory Control Sample (LCS)

(LCS) R3946581-2 07/07/23 22:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.0	97.5	90.0-110	

L1629240-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1629240-01 07/08/23 00:26 • (MS) R3946581-4 07/08/23 01:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	139	182	85.6	1	80.0-120	

L1629300-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1629300-06 07/08/23 03:38 • (MS) R3946581-6 07/08/23 04:04 • (MSD) R3946581-7 07/08/23 04:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	102	148	147	90.2	89.5	1	80.0-120			0.235	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 300.0

L1629240-05.06.07

Method Blank (MB)

(MB) R3946579-1 07/08/23 05:47

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Chloride	U		0.379	1.00

L1628955-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1628955-17 07/08/23 06:38 • (DUP) R3946579-3 07/08/23 06:51

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Chloride	102	99.7	1	2.40		20

L1629303-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1629303-03 07/08/23 11:07 • (DUP) R3946579-6 07/08/23 11:20

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Chloride	71.0	70.9	1	0.147		20

Laboratory Control Sample (LCS)

(LCS) R3946579-2 07/08/23 05:59

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Chloride	40.0	38.9	97.3	90.0-110	

L1628955-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628955-17 07/08/23 06:38 • (MS) R3946579-4 07/08/23 07:03 • (MSD) R3946579-5 07/08/23 07:16

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	50.0	102	146	145	88.6	86.2	1	80.0-120			0.836	20

L1629303-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1629303-03 07/08/23 11:07 • (MS) R3946579-7 07/08/23 11:32

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	mg/l	mg/l	mg/l	%		%	
Chloride	50.0	71.0	116	90.4	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

L1629240-01,02,03,04,05,06,07

Method Blank (MB)

(MB) R3943933-4 06/30/23 06:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	112			77.0-126
(S) 1,2-Dichloroethane-d4	113			70.0-130

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3943933-1 06/30/23 05:17 • (LCSD) R3943933-2 06/30/23 05:38

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00443	0.00493	88.6	98.6	70.0-123			10.7	20
Ethylbenzene	0.00500	0.00414	0.00430	82.8	86.0	79.0-123			3.79	20
Toluene	0.00500	0.00439	0.00422	87.8	84.4	79.0-120			3.95	20
Xylenes, Total	0.0150	0.0132	0.0137	88.0	91.3	79.0-123			3.72	20
(S) Toluene-d8				106	104	80.0-120				
(S) 4-Bromofluorobenzene				110	105	77.0-126				
(S) 1,2-Dichloroethane-d4				120	117	70.0-130				

Laboratory Control Sample (LCS)

(LCS) R3943933-3 06/30/23 06:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.75	95.0	66.0-132	
(S) Toluene-d8			104	80.0-120	
(S) 4-Bromofluorobenzene			110	77.0-126	
(S) 1,2-Dichloroethane-d4			116	70.0-130	

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 [L1629240-01,02,03,04,05,06,07](#)

Method Blank (MB)

(MB) R3944192-1 07/03/23 10:04

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	82.5			31.0-160

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3944192-2 07/03/23 10:25 • (LCSD) R3944192-3 07/03/23 10:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.38	1.42	92.0	94.7	50.0-150			2.86	20
(S) o-Terphenyl				94.5	95.0	31.0-160				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

QualifierDescription

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Company Name/Address: GHD - P66			Billing Information: Chris Knight 2055 Niagara Falls Blvd. Ste. 3 Niagara Falls, NY 14304			Pres Chk		Analysis / Container / Preservative										Chain of Custody Page ____ of ____	
Report to: David Bonga			Email To: david.bonga@ghd.com;christopher.knight@ghd.com															 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Project Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW			City/State Collected: Hobbs, NM			Please Circle: PT MT CT ET													
Phone: 617-513-3506		Client Project # 12599842		Lab Project # P66GHD-EASTHOBBS														SDG # 1629290	
Collected by (print): Jack Kreisler		Site/Facility ID #		P.O. # 340-011139														Tab D020	
Collected by (signature): Jack Kreisler		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												Acctnum: P66GHD	
Immediately Packed on Ice N ____ Y ☒						No. of Cntrs												Template: T226477	
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time		CHLORIDE 125miHDPE-NoPres	DROLVI 40miAmb-HCI-BT	V8260TPHKS 40miAmb-HCI							Shipped Via:		
MW-27			GW		06/22/23	13:25	6	X	X	X							Remarks		
DUP-01			GW		06/22/23		6	X	X	X							Sample # (lab only)		
MW-2			GW		06/22/23	12:15	6	X	X	X							- 01		
MW-1			GW		06/22/23	11:45	6	X	X	X							- 02		
MW-26			GW		06/22/23	15:10	6	X	X	X							- 03		
MW-24			GW		06/22/23	11:15	6	X	X	X							- 04		
MW-3			GW		06/22/23	12:30	6	X	X	X							- 05		
			GW				6	X	X	X							- 06		
			GW				6	X	X	X							- 07		
			GW				6	X	X	X									
			GW				6	X	X	X									
			GW				6	X	X	X									
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____		Remarks: V8260TPHKS = BTEX, GRO 8260										pH _____ Temp _____		Flow _____ Other _____		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			
Samples returned via: ____ UPS ☒ FedEx ____ Courier _____		Tracking # 60424 8303 7882										Trip Blank Received: Yes / No HCL / MeOH TBR							
Relinquished by : (Signature) Jack Kreisler		Date: 06/22/23	Time: 14:50	Received by: (Signature)				Trip Blank Received: Yes / No HCL / MeOH TBR				Temp: °C 9.910 = 9.42		Bottles Received:		If preservation required by Login: Date/Time			
Relinquished by : (Signature)		Date:	Time:	Received by: (Signature)															
Relinquished by : (Signature)		Date:	Time:	Received for lab by: (Signature) Alexa Mitchell				Date: 6/23/23				Time: 0900		Hold:		Condition: NCF / ☒			



ANALYTICAL REPORT

October 10, 2023

GHD - P66

Sample Delivery Group: L1658370
Samples Received: 09/21/2023
Project Number: 12599842
Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW

Report To: David Bonga

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "Chris McCord".

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	5	
Sr: Sample Results	6	³ Ss
MW-1 L1658370-01	6	
MW-2 (RW-1) L1658370-02	7	⁴ Cn
MW-3 (RW-3) L1658370-03	8	⁵ Sr
MW-8 (SVE-5) L1658370-04	9	
MW-26 L1658370-05	10	⁶ Qc
MW-27 L1658370-06	11	
DUP-01 L1658370-07	12	⁷ Gl
Qc: Quality Control Summary	13	⁸ Al
Wet Chemistry by Method 300.0	13	
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Gl: Glossary of Terms	18	
Al: Accreditations & Locations	19	
Sc: Sample Chain of Custody	20	

MW-1 L1658370-01 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2140143	1	09/27/23 11:44	09/27/23 11:44	HMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2142007	1	09/30/23 10:44	09/30/23 10:44	KSD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2140819	1	09/29/23 16:17	10/01/23 05:55	MAA	Mt. Juliet, TN

Collected by Joy G
Collected date/time 09/20/23 08:00
Received date/time 09/21/23 09:00

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

MW-2 (RW-1) L1658370-02 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2140143	1	09/27/23 11:53	09/27/23 11:53	HMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2139527	1	09/26/23 18:38	09/26/23 18:38	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2140819	1	09/29/23 16:17	10/01/23 06:15	MAA	Mt. Juliet, TN

Collected by Joy G
Collected date/time 09/20/23 08:45
Received date/time 09/21/23 09:00

MW-3 (RW-3) L1658370-03 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2140143	1	09/27/23 12:22	09/27/23 12:22	HMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2139527	1	09/26/23 19:00	09/26/23 19:00	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2140819	1	09/29/23 16:17	10/01/23 06:35	MAA	Mt. Juliet, TN

Collected by Joy G
Collected date/time 09/20/23 09:00
Received date/time 09/21/23 09:00

MW-8 (SVE-5) L1658370-04 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2140143	1	09/27/23 12:31	09/27/23 12:31	HMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2143825	10	10/04/23 16:33	10/04/23 16:33	KSD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2140819	25	09/29/23 16:17	10/01/23 10:39	MAA	Mt. Juliet, TN

Collected by Joy G
Collected date/time 09/20/23 09:40
Received date/time 09/21/23 09:00

MW-26 L1658370-05 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2140143	1	09/27/23 12:41	09/27/23 12:41	HMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2139527	1	09/26/23 19:22	09/26/23 19:22	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2140819	1	09/29/23 16:17	10/01/23 06:56	MAA	Mt. Juliet, TN

Collected by Joy G
Collected date/time 09/20/23 09:10
Received date/time 09/21/23 09:00

MW-27 L1658370-06 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2140143	1	09/27/23 12:50	09/27/23 12:50	HMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2139527	1	09/26/23 19:44	09/26/23 19:44	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2140819	1	09/29/23 16:17	10/01/23 07:16	MAA	Mt. Juliet, TN

Collected by Joy G
Collected date/time 09/20/23 09:25
Received date/time 09/21/23 09:00

DUP-01 L1658370-07 GW

Collected by Joy G
Collected date/time 09/20/23 00:00
Received date/time 09/21/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2140143	1	09/27/23 13:00	09/27/23 13:00	HMM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2139527	1	09/26/23 20:06	09/26/23 20:06	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2140819	1	09/29/23 16:17	10/01/23 07:36	MAA	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1658370-04	MW-8 (SVE-5)	8260B/8260B/OA1

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Collected date/time: 09/20/23 08:00

L1658370

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	130		1.00	1	09/27/2023 11:44	WG2140143

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	09/30/2023 10:44	WG2142007
Benzene	0.0257		0.00100	1	09/30/2023 10:44	WG2142007
Ethylbenzene	0.00199		0.00100	1	09/30/2023 10:44	WG2142007
Toluene	0.00360		0.00100	1	09/30/2023 10:44	WG2142007
Xylenes, Total	0.0106		0.00300	1	09/30/2023 10:44	WG2142007
(S) Toluene-d8	99.2		80.0-120		09/30/2023 10:44	WG2142007
(S) 4-Bromofluorobenzene	116		77.0-126		09/30/2023 10:44	WG2142007
(S) 1,2-Dichloroethane-d4	111		70.0-130		09/30/2023 10:44	WG2142007

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.71		0.100	1	10/01/2023 05:55	WG2140819
(S) o-Terphenyl	171	J1	31.0-160		10/01/2023 05:55	WG2140819

Sample Narrative:

L1658370-01 WG2140819: Surrogate failure due to matrix interference

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/20/23 08:45

L1658370

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	102		1.00	1	09/27/2023 11:53	WG2140143

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	2.67		0.500	1	09/26/2023 18:38	WG2139527
Benzene	0.144		0.00100	1	09/26/2023 18:38	WG2139527
Ethylbenzene	0.0215		0.00100	1	09/26/2023 18:38	WG2139527
Toluene	0.00266		0.00100	1	09/26/2023 18:38	WG2139527
Xylenes, Total	0.0632		0.00300	1	09/26/2023 18:38	WG2139527
(S) Toluene-d8	106		80.0-120		09/26/2023 18:38	WG2139527
(S) 4-Bromofluorobenzene	115		77.0-126		09/26/2023 18:38	WG2139527
(S) 1,2-Dichloroethane-d4	112		70.0-130		09/26/2023 18:38	WG2139527

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.31		0.100	1	10/01/2023 06:15	WG2140819
(S) o-Terphenyl	102		31.0-160		10/01/2023 06:15	WG2140819

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/20/23 09:00

L1658370

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	117		1.00	1	09/27/2023 12:22	WG2140143

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/MS) Low Fraction	ND		0.500	1	09/26/2023 19:00	WG2139527
Benzene	0.0111		0.00100	1	09/26/2023 19:00	WG2139527
Ethylbenzene	0.00374		0.00100	1	09/26/2023 19:00	WG2139527
Toluene	ND		0.00100	1	09/26/2023 19:00	WG2139527
Xylenes, Total	0.00336		0.00300	1	09/26/2023 19:00	WG2139527
(S) Toluene-d8	105		80.0-120		09/26/2023 19:00	WG2139527
(S) 4-Bromofluorobenzene	110		77.0-126		09/26/2023 19:00	WG2139527
(S) 1,2-Dichloroethane-d4	113		70.0-130		09/26/2023 19:00	WG2139527

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TPH (GC/FID) High Fraction	1.70		0.100	1	10/01/2023 06:35	WG2140819
(S) o-Terphenyl	102		31.0-160		10/01/2023 06:35	WG2140819

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	151		1.00	1	09/27/2023 12:31	WG2140143

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	85.5		5.00	10	10/04/2023 16:33	WG2143825
Benzene	ND		0.0100	10	10/04/2023 16:33	WG2143825
Ethylbenzene	0.0792		0.0100	10	10/04/2023 16:33	WG2143825
Toluene	ND		0.0100	10	10/04/2023 16:33	WG2143825
Xylenes, Total	ND		0.0300	10	10/04/2023 16:33	WG2143825
(S) Toluene-d8	98.6		80.0-120		10/04/2023 16:33	WG2143825
(S) 4-Bromofluorobenzene	111		77.0-126		10/04/2023 16:33	WG2143825
(S) 1,2-Dichloroethane-d4	98.1		70.0-130		10/04/2023 16:33	WG2143825

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	138		2.50	25	10/01/2023 10:39	WG2140819
(S) o-Terphenyl	0.000	J7	31.0-160		10/01/2023 10:39	WG2140819

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/20/23 09:10

L1658370

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	121		1.00	1	09/27/2023 12:41	WG2140143

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	09/26/2023 19:22	WG2139527
Benzene	ND		0.00100	1	09/26/2023 19:22	WG2139527
Ethylbenzene	ND		0.00100	1	09/26/2023 19:22	WG2139527
Toluene	ND		0.00100	1	09/26/2023 19:22	WG2139527
Xylenes, Total	ND		0.00300	1	09/26/2023 19:22	WG2139527
(S) Toluene-d8	106		80.0-120		09/26/2023 19:22	WG2139527
(S) 4-Bromofluorobenzene	104		77.0-126		09/26/2023 19:22	WG2139527
(S) 1,2-Dichloroethane-d4	111		70.0-130		09/26/2023 19:22	WG2139527

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.197		0.100	1	10/01/2023 06:56	WG2140819
(S) o-Terphenyl	92.1		31.0-160		10/01/2023 06:56	WG2140819

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/20/23 09:25

L1658370

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	138		1.00	1	09/27/2023 12:50	WG2140143

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	09/26/2023 19:44	WG2139527
Benzene	ND		0.00100	1	09/26/2023 19:44	WG2139527
Ethylbenzene	ND		0.00100	1	09/26/2023 19:44	WG2139527
Toluene	ND		0.00100	1	09/26/2023 19:44	WG2139527
Xylenes, Total	ND		0.00300	1	09/26/2023 19:44	WG2139527
(S) Toluene-d8	103		80.0-120		09/26/2023 19:44	WG2139527
(S) 4-Bromofluorobenzene	106		77.0-126		09/26/2023 19:44	WG2139527
(S) 1,2-Dichloroethane-d4	111		70.0-130		09/26/2023 19:44	WG2139527

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.299		0.100	1	10/01/2023 07:16	WG2140819
(S) o-Terphenyl	98.9		31.0-160		10/01/2023 07:16	WG2140819

8 Al

9 Sc

Collected date/time: 09/20/23 00:00

L1658370

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	128		1.00	1	09/27/2023 13:00	WG2140143

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	09/26/2023 20:06	WG2139527
Benzene	0.0226		0.00100	1	09/26/2023 20:06	WG2139527
Ethylbenzene	0.00199		0.00100	1	09/26/2023 20:06	WG2139527
Toluene	0.00356		0.00100	1	09/26/2023 20:06	WG2139527
Xylenes, Total	0.0110		0.00300	1	09/26/2023 20:06	WG2139527
(S) Toluene-d8	104		80.0-120		09/26/2023 20:06	WG2139527
(S) 4-Bromofluorobenzene	113		77.0-126		09/26/2023 20:06	WG2139527
(S) 1,2-Dichloroethane-d4	112		70.0-130		09/26/2023 20:06	WG2139527

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.43		0.100	1	10/01/2023 07:36	WG2140819
(S) o-Terphenyl	31.1		31.0-160		10/01/2023 07:36	WG2140819

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

[L1658370-01,02,03,04,05,06,07](#)

Method Blank (MB)

(MB) R3978525-1 09/27/23 08:48

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Chloride	U		0.379	1.00

L1656884-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1656884-07 09/27/23 11:05 • (DUP) R3978525-3 09/27/23 11:15

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Chloride	ND	ND	1	0.000		15

L1658795-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1658795-02 09/27/23 15:28 • (DUP) R3978525-6 09/27/23 15:37

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Chloride	111	111	1	0.240		15

Laboratory Control Sample (LCS)

(LCS) R3978525-2 09/27/23 08:58

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Chloride	40.0	40.1	100	90.0-110	

L1656884-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1656884-07 09/27/23 11:05 • (MS) R3978525-4 09/27/23 11:25 • (MSD) R3978525-5 09/27/23 11:34

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	40.0	ND	40.6	39.9	101	99.7	1	80.0-120			1.65	15

L1658795-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1658795-02 09/27/23 15:28 • (MS) R3978525-7 09/27/23 15:47

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	mg/l	mg/l	mg/l	%		%	
Chloride	40.0	111	129	44.3	1	80.0-120	J6

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1 [L1658370-02.03.05.06.07](#)

Method Blank (MB)

(MB) R3978475-5 09/26/23 12:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	106			80.0-120
(S) 4-Bromofluorobenzene	105			77.0-126
(S) 1,2-Dichloroethane-d4	111			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3978475-1 09/26/23 10:58 • (LCSD) R3978475-2 09/26/23 11:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00549	0.00552	110	110	70.0-123			0.545	20
Ethylbenzene	0.00500	0.00518	0.00510	104	102	79.0-123			1.56	20
Toluene	0.00500	0.00508	0.00519	102	104	79.0-120			2.14	20
Xylenes, Total	0.0150	0.0154	0.0153	103	102	79.0-123			0.651	20
(S) Toluene-d8				101	103	80.0-120				
(S) 4-Bromofluorobenzene				105	107	77.0-126				
(S) 1,2-Dichloroethane-d4				112	114	70.0-130				

Laboratory Control Sample (LCS)

(LCS) R3978475-4 09/26/23 12:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.41	88.2	66.0-132	
(S) Toluene-d8			102	80.0-120	
(S) 4-Bromofluorobenzene			121	77.0-126	
(S) 1,2-Dichloroethane-d4			117	70.0-130	

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

L1658370-01

Method Blank (MB)

(MB) R3980891-3 09/30/23 09:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	U		0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	100			80.0-120
(S) 4-Bromofluorobenzene	110			77.0-126
(S) 1,2-Dichloroethane-d4	103			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R3980891-1 09/30/23 08:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00488	97.6	70.0-123	
Ethylbenzene	0.00500	0.00408	81.6	79.0-123	
Toluene	0.00500	0.00411	82.2	79.0-120	
Xylenes, Total	0.0150	0.0125	83.3	79.0-123	
(S) Toluene-d8			98.1	80.0-120	
(S) 4-Bromofluorobenzene			110	77.0-126	
(S) 1,2-Dichloroethane-d4			109	70.0-130	

Laboratory Control Sample (LCS)

(LCS) R3980891-2 09/30/23 09:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.83	96.6	66.0-132	
(S) Toluene-d8			99.1	80.0-120	
(S) 4-Bromofluorobenzene			120	77.0-126	
(S) 1,2-Dichloroethane-d4			111	70.0-130	

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1 [L1658370-04](#)

Method Blank (MB)

(MB) R3982173-2 10/04/23 15:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	0.215	⌵	0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	88.9			77.0-126
(S) 1,2-Dichloroethane-d4	99.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3982173-1 10/04/23 15:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	5.45	109	66.0-132	
(S) Toluene-d8			103	80.0-120	
(S) 4-Bromofluorobenzene			95.3	77.0-126	
(S) 1,2-Dichloroethane-d4			102	70.0-130	

Laboratory Control Sample (LCS)

(LCS) R3982173-3 10/05/23 00:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00476	95.2	70.0-123	
Ethylbenzene	0.00500	0.00541	108	79.0-123	
Toluene	0.00500	0.00510	102	79.0-120	
Xylenes, Total	0.0150	0.0156	104	79.0-123	
(S) Toluene-d8			105	80.0-120	
(S) 4-Bromofluorobenzene			93.4	77.0-126	
(S) 1,2-Dichloroethane-d4			98.6	70.0-130	

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 [L1658370-01,02,03,04,05,06,07](#)

Method Blank (MB)

(MB) R3980518-1 10/01/23 01:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	99.0			31.0-160

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3980518-2 10/01/23 01:53 • (LCSD) R3980518-3 10/01/23 02:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.39	1.41	92.7	94.0	50.0-150			1.43	20
(S) o-Terphenyl				109	110	31.0-160				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Guide to Reading and Understanding Your Laboratory Report

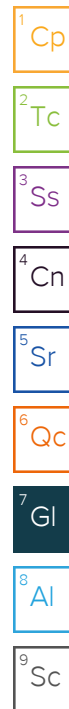
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.



Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GHD - P66

Billing Information:

Chris Knight
2055 Niagara Falls Blvd. Ste. 3
Niagara Falls, NY 14304

Pres
ChkReport to:
David BongaEmail To:
david.bonga@ghd.com;christopher.knight@ghd.comProject Description:
12599842 - P66 3373 East Hobbs Junction 2023 SOWCity/State
Collected:Please Circle:
PT MT CT ET

Phone:

Client Project #
12599842Lab Project #
P66GHD-EASTHOBBSCollected by (print):
Joy Gruenbacher

Site/Facility ID #

P.O. #
340-011139Collected by (signature):
Joy Gruenbacher

Rush? (Lab MUST Be Notified)

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Date Results Needed

Immediately
Packed on Ice N ☐ Y ☒No.
of
Cnts

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cnts
MW-1	G	GW	50.64	9/20/23	0800	6
MW-2 (RW-1)		GW	42.42		0845	6
MW-3 (RW-3)		GW	42.67		0900	6
MW-8 (SVE-5)		GW	34.97		0940	6
MW-20		GW	41.39		0910	6
MW-27		GW	41.84		0925	6
DUP-01		GW	—		—	6
		GW				6
		GW				6
		GW				6

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260TPHKS = BTEX, GRO 8260

pH Temp

Flow Other

Samples returned via:
☐ UPS ☒ FedEx ☐ Courier

Tracking #

Relinquished by: (Signature)
Joy Gruenbacher

Date:

9/20/23 1200

Time:

Received by: (Signature)

Trip Blank Received: Yes / No

HC / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

2.3 ± 0.23 42

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

9-21-23

Time:

0900

Hold:

Condition:
NCF / OK

Analysis / Container / Preservative

Chain of Custody



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pac-standard-terms.pdf>

SDG # 4658370

L-073

Acctnum: P66GHD

Template: T226477

Prelgin: P1022635

PM: 526 - Chris McCord

PB: DL 45123

Shipped Via: FedEx Ground

Remarks

Sample # (lab only)

Sample Receipt Checklist

COC Seal Present/Intact: ☒ NP ☐ N
COC Signed/Accurate: ☒ N ☐ 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

If preservation required by Login: Date/Time



ANALYTICAL REPORT

January 10, 2024

GHD - P66

Sample Delivery Group: L1690687
Samples Received: 12/21/2023
Project Number: 12599842
Description: 12599842 - P66 3373 East Hobbs Junction 2023 SOW

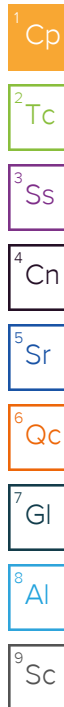
Report To: David Bonga

Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "Chris McCord".

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
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GW-MW-2-121923-1015 L1690687-02	6	⁴ Cn
GW-MW-3-121923-1035 L1690687-03	7	⁵ Sr
GW-MW-27-121923-1125 L1690687-04	8	
GW-MW-26-121923-1157 L1690687-05	9	⁶ Qc
GW-FD-121923-1100 L1690687-06	10	⁷ Gl
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GW-MW-1-121923-944 L1690687-01 GW

Collected by Alexis R
Collected date/time 12/19/23 09:44
Received date/time 12/21/23 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2196895	1	12/29/23 19:58	12/29/23 19:58	ASM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2195123	1	12/24/23 01:22	12/24/23 01:22	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2194479	10	12/26/23 08:28	12/28/23 15:15	TJD	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GW-MW-2-121923-1015 L1690687-02 GW

Collected by Alexis R
Collected date/time 12/19/23 10:15
Received date/time 12/21/23 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2196895	1	12/29/23 20:07	12/29/23 20:07	ASM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2195123	1	12/24/23 01:44	12/24/23 01:44	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2194479	1	12/26/23 08:28	12/28/23 02:39	TGB	Mt. Juliet, TN

GW-MW-3-121923-1035 L1690687-03 GW

Collected by Alexis R
Collected date/time 12/19/23 10:35
Received date/time 12/21/23 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2196895	10	12/29/23 20:17	12/29/23 20:17	ASM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2195123	1	12/24/23 02:05	12/24/23 02:05	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2194479	1	12/26/23 08:28	12/28/23 03:02	TGB	Mt. Juliet, TN

GW-MW-27-121923-1125 L1690687-04 GW

Collected by Alexis R
Collected date/time 12/19/23 11:25
Received date/time 12/21/23 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2196895	10	12/29/23 20:36	12/29/23 20:36	ASM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2195123	1	12/24/23 02:26	12/24/23 02:26	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2194479	1	12/26/23 08:28	12/28/23 06:29	TGB	Mt. Juliet, TN

GW-MW-26-121923-1157 L1690687-05 GW

Collected by Alexis R
Collected date/time 12/19/23 11:57
Received date/time 12/21/23 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2196895	1	12/29/23 20:55	12/29/23 20:55	ASM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2195123	1	12/24/23 02:47	12/24/23 02:47	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2194479	1	12/26/23 08:28	12/28/23 06:52	TGB	Mt. Juliet, TN

GW-FD-121923-1100 L1690687-06 GW

Collected by Alexis R
Collected date/time 12/19/23 11:00
Received date/time 12/21/23 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2196895	1	12/29/23 21:23	12/29/23 21:23	ASM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1	WG2195123	1	12/24/23 03:08	12/24/23 03:08	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG2194479	1	12/26/23 08:28	12/28/23 07:15	TGB	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Collected date/time: 12/19/23 09:44

L1690687

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	152		1.00	1	12/29/2023 19:58	WG2196895

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	0.957	B	0.500	1	12/24/2023 01:22	WG2195123
Benzene	0.0307		0.00100	1	12/24/2023 01:22	WG2195123
Ethylbenzene	0.00293		0.00100	1	12/24/2023 01:22	WG2195123
Toluene	0.00613		0.00100	1	12/24/2023 01:22	WG2195123
Xylenes, Total	0.0132		0.00300	1	12/24/2023 01:22	WG2195123
(S) Toluene-d8	115		80.0-120		12/24/2023 01:22	WG2195123
(S) 4-Bromofluorobenzene	103		77.0-126		12/24/2023 01:22	WG2195123
(S) 1,2-Dichloroethane-d4	93.8		70.0-130		12/24/2023 01:22	WG2195123

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.96		1.00	10	12/28/2023 15:15	WG2194479
(S) o-Terphenyl	85.3		31.0-160		12/28/2023 15:15	WG2194479

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	103		1.00	1	12/29/2023 20:07	WG2196895

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	1.65	B	0.500	1	12/24/2023 01:44	WG2195123
Benzene	0.0280		0.00100	1	12/24/2023 01:44	WG2195123
Ethylbenzene	0.00565		0.00100	1	12/24/2023 01:44	WG2195123
Toluene	0.00119		0.00100	1	12/24/2023 01:44	WG2195123
Xylenes, Total	0.0173		0.00300	1	12/24/2023 01:44	WG2195123
(S) Toluene-d8	113		80.0-120		12/24/2023 01:44	WG2195123
(S) 4-Bromofluorobenzene	102		77.0-126		12/24/2023 01:44	WG2195123
(S) 1,2-Dichloroethane-d4	92.8		70.0-130		12/24/2023 01:44	WG2195123

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.84		0.100	1	12/28/2023 02:39	WG2194479
(S) o-Terphenyl	77.4		31.0-160		12/28/2023 02:39	WG2194479

8 Al

9 Sc

Collected date/time: 12/19/23 10:35

L1690687

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	81.7		10.0	10	12/29/2023 20:17	WG2196895

1
Cp2
Tc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	12/24/2023 02:05	WG2195123
Benzene	0.00400		0.00100	1	12/24/2023 02:05	WG2195123
Ethylbenzene	0.00102		0.00100	1	12/24/2023 02:05	WG2195123
Toluene	ND		0.00100	1	12/24/2023 02:05	WG2195123
Xylenes, Total	ND		0.00300	1	12/24/2023 02:05	WG2195123
(S) Toluene-d8	117		80.0-120		12/24/2023 02:05	WG2195123
(S) 4-Bromofluorobenzene	99.8		77.0-126		12/24/2023 02:05	WG2195123
(S) 1,2-Dichloroethane-d4	94.6		70.0-130		12/24/2023 02:05	WG2195123

3
Ss4
Cn5
Sr6
Qc7
Gl

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.05		0.100	1	12/28/2023 03:02	WG2194479
(S) o-Terphenyl	75.8		31.0-160		12/28/2023 03:02	WG2194479

8
Al9
Sc

Collected date/time: 12/19/23 11:25

L1690687

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	125		10.0	10	12/29/2023 20:36	WG2196895

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	12/24/2023 02:26	WG2195123
Benzene	ND		0.00100	1	12/24/2023 02:26	WG2195123
Ethylbenzene	ND		0.00100	1	12/24/2023 02:26	WG2195123
Toluene	ND		0.00100	1	12/24/2023 02:26	WG2195123
Xylenes, Total	ND		0.00300	1	12/24/2023 02:26	WG2195123
(S) Toluene-d8	116		80.0-120		12/24/2023 02:26	WG2195123
(S) 4-Bromofluorobenzene	98.5		77.0-126		12/24/2023 02:26	WG2195123
(S) 1,2-Dichloroethane-d4	95.6		70.0-130		12/24/2023 02:26	WG2195123

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		0.100	1	12/28/2023 06:29	WG2194479
(S) o-Terphenyl	73.7		31.0-160		12/28/2023 06:29	WG2194479

8 Al

9 Sc

Collected date/time: 12/19/23 11:57

L1690687

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	119		1.00	1	12/29/2023 20:55	WG2196895

1
Cp2
Tc

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	12/24/2023 02:47	WG2195123
Benzene	ND		0.00100	1	12/24/2023 02:47	WG2195123
Ethylbenzene	ND		0.00100	1	12/24/2023 02:47	WG2195123
Toluene	ND		0.00100	1	12/24/2023 02:47	WG2195123
Xylenes, Total	ND		0.00300	1	12/24/2023 02:47	WG2195123
(S) Toluene-d8	119		80.0-120		12/24/2023 02:47	WG2195123
(S) 4-Bromofluorobenzene	98.8		77.0-126		12/24/2023 02:47	WG2195123
(S) 1,2-Dichloroethane-d4	95.1		70.0-130		12/24/2023 02:47	WG2195123

3
Ss4
Cn5
Sr6
Qc7
Gl

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		0.100	1	12/28/2023 06:52	WG2194479
(S) o-Terphenyl	63.2		31.0-160		12/28/2023 06:52	WG2194479

8
Al9
Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	135	J6	1.00	1	12/29/2023 21:23	WG2196895

Volatile Organic Compounds (GC/MS) by Method 8260B/8260B/OA1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/MS) Low Fraction	ND		0.500	1	12/24/2023 03:08	WG2195123
Benzene	ND		0.00100	1	12/24/2023 03:08	WG2195123
Ethylbenzene	ND		0.00100	1	12/24/2023 03:08	WG2195123
Toluene	ND		0.00100	1	12/24/2023 03:08	WG2195123
Xylenes, Total	ND		0.00300	1	12/24/2023 03:08	WG2195123
(S) Toluene-d8	117		80.0-120		12/24/2023 03:08	WG2195123
(S) 4-Bromofluorobenzene	101		77.0-126		12/24/2023 03:08	WG2195123
(S) 1,2-Dichloroethane-d4	96.3		70.0-130		12/24/2023 03:08	WG2195123

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		0.100	1	12/28/2023 07:15	WG2194479
(S) o-Terphenyl	70.5		31.0-160		12/28/2023 07:15	WG2194479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

[L1690687-01,02,03,04,05,06](#)

Method Blank (MB)

(MB) R4018593-1 12/29/23 19:10

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Chloride	U		0.379	1.00

L1690687-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1690687-06 12/29/23 21:23 • (DUP) R4018593-3 12/29/23 21:33

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Chloride	135	135	1	0.175		15

Laboratory Control Sample (LCS)

(LCS) R4018593-2 12/29/23 19:19

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/l	mg/l	%	%	
Chloride	40.0	41.1	103	90.0-110	

L1690687-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1690687-06 12/29/23 21:23 • (MS) R4018593-4 12/29/23 21:42 • (MSD) R4018593-5 12/29/23 21:52

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	40.0	135	148	148	33.7	33.8	1	80.0-120	<u>J6</u>	<u>J6</u>	0.0376	15

Sample Narrative:

- MS: Spike failure due to matrix interference
- MSD: Spike failure due to matrix interference

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Cp

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Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

Method Blank (MB)

(MB) R4017594-4 12/23/23 20:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/MS) Low Fraction	0.305	⌵	0.108	0.500
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	114			80.0-120
(S) 4-Bromofluorobenzene	97.6			77.0-126
(S) 1,2-Dichloroethane-d4	95.9			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4017594-1 12/23/23 17:52 • (LCSD) R4017594-3 12/23/23 18:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00509	0.00491	102	98.2	70.0-123			3.60	20
Ethylbenzene	0.00500	0.00582	0.00549	116	110	79.0-123			5.84	20
Toluene	0.00500	0.00588	0.00552	118	110	79.0-120			6.32	20
Xylenes, Total	0.0150	0.0172	0.0164	115	109	79.0-123			4.76	20
(S) Toluene-d8				114	109	80.0-120				
(S) 4-Bromofluorobenzene				101	99.2	77.0-126				
(S) 1,2-Dichloroethane-d4				97.6	97.2	70.0-130				

Laboratory Control Sample (LCS)

(LCS) R4017594-2 12/23/23 18:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/MS) Low Fraction	5.00	4.66	93.2	66.0-132	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			113	77.0-126	
(S) 1,2-Dichloroethane-d4			106	70.0-130	

Semi-Volatile Organic Compounds (GC) by Method 3511/8015 [L1690687-01,02,03,04,05,06](#)

Method Blank (MB)

(MB) R4017402-1 12/27/23 20:31

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	71.0			31.0-160

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4017402-2 12/27/23 20:54 • (LCSD) R4017402-3 12/27/23 21:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.21	1.20	80.7	80.0	50.0-150			0.830	20
(S) o-Terphenyl				78.0	77.0	31.0-160				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

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⁹Sc

for lab by: (Signature) Zot Wolf



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: David Bonga
GHD Services Inc.
200 W Allegan Street
Suite 300
Plainwell, Michigan 49080-1397

Generated 12/12/2022 1:06:38 PM

JOB DESCRIPTION

P66 3373 East Hobbs Cool-Ox 2022
SDG NUMBER 12581936

JOB NUMBER

870-12926-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

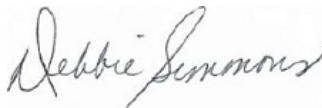
See page two for job notes and contact information.

Eurofins Dallas

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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12/12/2022 1:06:38 PM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Laboratory Job ID: 870-12926-1
SDG: 12581936

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Qualifiers

Biology

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Job ID: 870-12926-1

Laboratory: Eurofins Dallas

Narrative	
	Job Narrative 870-12926-1

Receipt

The samples were received on 12/6/2022 10:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C

Biology

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Client Sample ID: MW-8
Date Collected: 12/05/22 10:48
Date Received: 12/06/22 10:35

Lab Sample ID: 870-12926-1
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	20000		10	10	CFU/mL			12/06/22 10:35	1

Client Sample ID: MW-2
Date Collected: 12/05/22 11:01
Date Received: 12/06/22 10:35

Lab Sample ID: 870-12926-2
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	20		10	10	CFU/mL			12/06/22 10:35	1

Client Sample ID: MW-1
Date Collected: 12/05/22 12:17
Date Received: 12/06/22 10:35

Lab Sample ID: 870-12926-3
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	<10	U	10	10	CFU/mL			12/06/22 10:35	1

Client Sample ID: MW-3
Date Collected: 12/05/22 12:38
Date Received: 12/06/22 10:35

Lab Sample ID: 870-12926-4
Matrix: Water

Method: SM 9215C - Heterotrophic Plate Count									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	10		10	10	CFU/mL			12/06/22 10:35	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Method: 9215C - Heterotrophic Plate Count

Lab Sample ID: MB 870-9907/1					Client Sample ID: Method Blank				
Matrix: Water					Prep Type: Total/NA				
Analysis Batch: 9907									
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HPC @ 35 Degrees	<10	U	10	10	CFU/mL			12/06/22 10:35	1

Lab Sample ID: 870-12926-1 DU					Client Sample ID: MW-8				
Matrix: Water					Prep Type: Total/NA				
Analysis Batch: 9907									
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
HPC @ 35 Degrees	20000		24000		CFU/mL			18	20

QC Association Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Biology

Analysis Batch: 9907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-12926-1	MW-8	Total/NA	Water	9215C	
870-12926-2	MW-2	Total/NA	Water	9215C	
870-12926-3	MW-1	Total/NA	Water	9215C	
870-12926-4	MW-3	Total/NA	Water	9215C	
MB 870-9907/1	Method Blank	Total/NA	Water	9215C	
870-12926-1 DU	MW-8	Total/NA	Water	9215C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Client Sample ID: MW-8
Date Collected: 12/05/22 10:48
Date Received: 12/06/22 10:35

Lab Sample ID: 870-12926-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	9907	12/06/22 10:35	KH	EET DAL

Client Sample ID: MW-2
Date Collected: 12/05/22 11:01
Date Received: 12/06/22 10:35

Lab Sample ID: 870-12926-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	9907	12/06/22 10:35	KH	EET DAL

Client Sample ID: MW-1
Date Collected: 12/05/22 12:17
Date Received: 12/06/22 10:35

Lab Sample ID: 870-12926-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	9907	12/06/22 10:35	KH	EET DAL

Client Sample ID: MW-3
Date Collected: 12/05/22 12:38
Date Received: 12/06/22 10:35

Lab Sample ID: 870-12926-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9215C		1	1 mL	1000 mL	9907	12/06/22 10:35	KH	EET DAL

Laboratory References:
EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Laboratory: Eurofins Dallas

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295-22-31	06-30-23

- 1
- 2
- 3
- 4
- 5
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- 8
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- 11
- 12
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Method Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Method	Method Description	Protocol	Laboratory
9215C	Heterotrophic Plate Count	SM	EET DAL

Protocol References:
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:
EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

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Sample Summary

Client: GHD Services Inc.
Project/Site: P66 3373 East Hobbs Cool-Ox 2022

Job ID: 870-12926-1
SDG: 12581936

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
870-12926-1	MW-8	Water	12/05/22 10:48	12/06/22 10:35
870-12926-2	MW-2	Water	12/05/22 11:01	12/06/22 10:35
870-12926-3	MW-1	Water	12/05/22 12:17	12/06/22 10:35
870-12926-4	MW-3	Water	12/05/22 12:38	12/06/22 10:35

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Eurofins Midland

1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

Client Information						Sampler
Client Contact David Bonga						Lab PM Simmons, Debbie
Company GHD Services Inc.						Carri
Address: 200 W Allegan Street Suite 300						State N
City: Plainville						870-12926 Chain of Custody
State Zip MI, 49080-1397						
Phone: 720-974-0935(Tel)						
Email: david.bonga@ghd.com						
Project Name: P66 3373 East Hobbs Cool-Ox 2022						
Site: SSOW#:						
Due Date Requested:						PMSID:
TAT Requested (days): Standard						
Compliance Project: ☐ Yes ☒ No						
Purchase Order Requested						
W/O #: 12581936						
Project #: 88001569						
Analysis Requested						
Field Filtered Sample (Yes or No) ☒ Yes ☐ No						
BART_HPC - BART_HPC						
Total Number of containers						
Special Instructions/Note:						
Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anhydrous H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - FIDA M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Y - Trizma Z - Other (Specify)						

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 870-12926-1

SDG Number: 12581936

Login Number: 12926

List Number: 1

Creator: Whitlock, Kaitlyn N

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Appendix C

DTI Application Report



DeepEarth
Technologies, Inc.

DeepEarth Technologies, Inc.
(708) 396-0100
tech@cool-ox.com

A Report for the Application of **Cool-Ox[®]** Controlled In-Situ Chemical Oxidation Technology



Prepared for
David Bonga, PE
GHD
200 W Allegan Street
Suite 300,
Plainwell, MI 49080

Project
P66 – East Hobbs Junction
Hobbs, NM

Date 1/19/2023

DTI Project #2331 R-1

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Client: GHD
Attn: David Bonga, PE
Site: P66 – East Hobbs Junction

Introduction:

DeepEarth Technologies, Inc. (DTI) had been invited by GHD to implement a remedial program to treat groundwater contamination associated with LNAPL/BTEX at the P66 East Hobbs Junction facility in Hobbs, NM.

Summary:

It is the goal of this project to use the Cool-Ox® reagent to treat the target pollutants and reduce their concentrations to the maximum extent possible. The work scope of the project consisted of injecting up to 6,500 gallons of Cool-Ox® reagent into 13 injection wells using DTI's Deep-Shot™ trailer. DTI incorporated a well Injection method by constructing manifold systems to attach on top of wells.

Application:

On 12/5/22, DTI mobilized to the site to conduct a survey of the treatment areas and to coordinate on-site application activities. DTI personnel met with GHD representatives and held a Site-Specific Health and Safety (SSH&S) meeting, wherein all points concerning general and specific safety requirements of the client and DTI were discussed and understood. DTI then moved application equipment into position and prepared to treat the Hobbs Junction site. Due to the late arrival of material shipment, DTI and GHD onsite personnel decided to begin injections the following day.

On 12/6/22, DTI returned to the site and began injection activities once all injection equipment and materials were ready. DTI injected 1,100 gallons of Cool-Ox® reagent into 5 injection wells.

On 12/7/22, DTI returned to the site and applied 905 gallons of Cool-Ox® reagent into 8 wells. Some high pressure was noted as was good reactions at the surface.

Cool-Ox®Field Service Group -- *Cool-Ox®*

Site Application Report

On 12/8/22, DTI applied 700 gallons of *Cool-Ox®* reagent into 10 wells. Pressure outs and good reactions were noted.

On 12/9/22 DTI applied 695 gallons of *Cool-Ox®* reagent into 5 wells. Additional well locations were made available for DTI to utilize as injection well locations per GHD's PM.

On 12/12/22 DTI applied 935 gallons of *Cool-Ox®* reagent into 10 wells. Many received minimal gallons and pressured out.

On 12/13/22 DTI applied 1,000 gallons of *Cool-Ox®* reagent into 4 wells.

On 12/14/22 DTI applied 700 gallons of *Cool-Ox®* reagent into 2 wells. Once injection activities were completed, DTI cleaned up the injection and equipment staging areas, collected all materials and trash, then mobilized off site. Post treatment pictures were taken by DTI's onsite supervisor of the injection areas.

A total of 6,035 gallons of *Cool-Ox®* was injected into 15 wells using injection manifolds placed on the top of the monitoring well. As injection activities progressed, DTI increased the overall concentration of the *Cool-Ox®* reagent in order to reduce the overall total gallonage while still delivering the appropriate volume of active oxidizer. Please refer to the enclosed Figure 9 for injection locations. During injection activities, surfacing material was noted at select wells. DTI believes that significant reagent will migrate into fractures and reduce contaminants in the soil and groundwater.



Photos:



**Conclusions:**

DTI believes that in the treatment area, significant reductions of contaminants will be accomplished. DTI believes that the subsequent biological activity associated with all Cool-Ox[®] injections will produce on-going remedial activity. DTI's Site Safety program was implemented at the onset of operations and no reportable incidents were suffered.

DTI would like to thank GHD for choosing the Cool-Ox[®] Technology to remediate the P66 East Hobbs Junction site. Should you have any questions or comments, please call or email via the information below.

Sincerely,

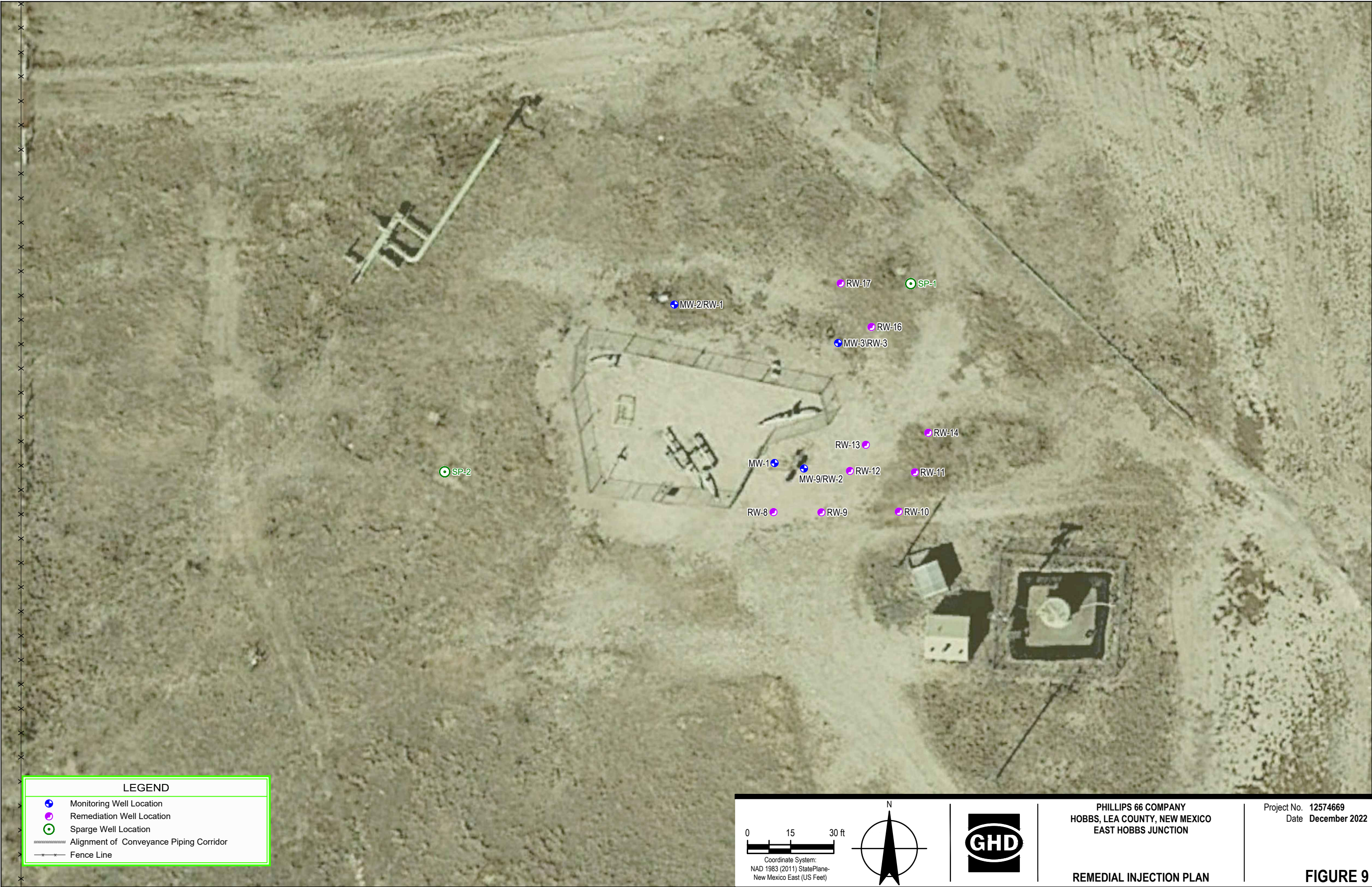
James Gainey

Operations Manager

DeepEarth Technologies, Inc.

Direct: 770-547- 5335

james@cool-ox.com





DeepEarth
Technologies, Inc.

Cool-Ox®

Cool-Ox® Daily Field Injection Sheet									
Client: GHD						Client Personnel:	Erin	DTI Project #:	2331 R-1
Office: Lakewood, CO						DTI Operations Manager:		James Gainey	Client Project #:
Site: P66 East Hobbs Junction						DTI Field Crew:		Eric, Jeremy	PO #:
Location: Hobbs, NM									
Estimated Work Days: 8									
WELL INJECTION DATA									
MW-1						Comments			
Date	Start	End	Gallons	GPM	Pressure (psi)				
12/7/2022	1210	1233	55	2.0	10	significant DL, Well not viable			
TOTAL:			55	2	10				

Cool-Ox[®] Daily Field Injection Sheet

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Cool-Ox®

Cool-Ox® Daily Field Injection Sheet						
Client: GHD					Client Personnel: Erin	
Office: Lakewood, CO					DTI Project #: 2331 R-1	
Site: P66 East Hobbs Junction					DTI Operations Manager: James Gainey	
Location: Hobbs, NM					DTI Field Crew: Eric, Jeremy	
Estimated Work Days: 8					PO #:	
WELL INJECTION DATA						Comments
MW3-RW-3						
Date	Start	End	Gallons	GPM	Pressure (psi)	
12/8/2022	715	749	50	2.0	20	
12/9/2022	916	927	25	2.0	10	
	936	949	25	2.0	10	DL around pad
TOTAL:			100	2	13	



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet									
Client: GHD						Client Personnel:	Erin	DTI Project #:	2331 R-1
Office: Lakewood, CO						DTI Operations Manager:	James Gainey	Client Project #:	
Site: P66 East Hobbs Junction						DTI Field Crew:	Eric, Jeremy	PO #:	
Location: Hobbs, NM									
Estimated Work Days: 8									
WELL INJECTION DATA						Comments			
MW-9 RW-2									
Date	Start	End	Gallons	GPM	Pressure (psi)				
12/8/2022	1520	1555	87	3.0	0	DL, product, good reaction, strong odor			
	1558	1638	100	3.0	0	DL, product, good reaction, strong odor			
12/9/2022	1011	1031	75	4.0	10	Product, Good Reaction			
12/13/2022	735	804	100	3.5	0	DL, product, good reaction, strong odor			
	1508	1550	100	2.5	10	DL, product, good reaction, strong odor			
TOTAL:			462	3	4				



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet													
Client: GHD						Client Personnel:		Erin		DTI Project #:		2331 R-1	
Office: Lakewood, CO						DTI Operations Manager:		James Gainey		Client Project #:			
Site: P66 East Hobbs Junction						DTI Field Crew:		Eric, Jeremy		PO #:			
Location: Hobbs, NM													
Estimated Work Days: 8													
WELL INJECTION DATA						Comments							
RW-8													
Date	Start	End	Gallons	GPM	Pressure (psi)								
12/6/2022	1404	1432	75	2.5	15	NVR							
	1435	1518	100	2.5	70	burped, very strong reaction							
12/7/2022	712	727	25	1.5	70								
12/9/2022	804	814	20	2.0	70	pressured out							
12/12/2022	1409	1419	20	2.5	70	pressured out							



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet								
Client: GHD					Client Personnel: Erin		DTI Project #: 2331 R-1	
Office: Lakewood, CO					DTI Operations Manager: James Gainey		Client Project #:	
Site: P66 East Hobbs Junction					DTI Field Crew: Eric, Jeremy		PO #:	
Location: Hobbs, NM								
Estimated Work Days: 8								
WELL INJECTION DATA						Comments		
RW-9								
Date	Start	End	Gallons	GPM	Pressure (psi)			
12/7/2022	831	921	100	2.0	30			
	927	1014	100	2.0	50			
12/8/2022	1457	1507	13	2.0	80	pressured out		
12/12/2022	1321	1332	20	2.5	70	pressured out		
TOTAL:			233	2	58			



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet							
Client:	GHD			Client Personnel:	Erin Sullivan	DTI Project #:	2331 R-1
Office:	Golden, CO			DTI Operations Manager:	James Gainey	Client Project #:	
Site:	Phillips 66 - East Hobbs Junction			DTI Field Crew:	Eric Lundy, Jeremy Duren	PO #:	
Location:							
Estimated Work Days:	8						
WELL INJECTION DATA				Comments			
RW-10							
Date	Gallons	GPM	Pressure (psi)				
12/6/2022	100	3.5	80				
12/8/2022	25	2.0	75	1112-1148, pressured out at 80 945-1004 pressured out			
12/12/2022	20	2.5	70	1350-1402, pressured out			
TOTAL:	145	3	75				



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet								
Client: GHD					Client Personnel: Erin		DTI Project #: 2331 R-1	
Office: Lakewood, CO					DTI Operations Manager: James Gainey		Client Project #:	
Site: P66 East Hobbs Junction					DTI Field Crew: Eric, Jeremy		PO #:	
Location: Hobbs, NM								
Estimated Work Days: 8								
WELL INJECTION DATA						Comments		
RW-11								
Date	Start	End	Gallons	GPM	Pressure (psi)			
12/6/2022	1526	1614	100	2.5	40	NVR		
12/7/2022	759	826	50	2.0	70	strong odor		
12/8/2022	914	943	30	1.7	80	pressured out strong odor		
12/12/2022	1305	1315	20	2.5	70	pressured out		
TOTAL:			200	2	65			



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet											
Client: GHD						Client Personnel: Erin		DTI Project #:		2331 R-1	
Office: Lakewood, CO						DTI Operations Manager: James Gainey		Client Project #:			
Site: P66 East Hobbs Junction						DTI Field Crew: Eric, Jeremy		PO #:			
Location: Hobbs, NM											
Estimated Work Days: 8											
WELL INJECTION DATA						Comments					
RW-12											
Date	Start	End	Gallons	GPM	Pressure (psi)						
12/6/2022	1156	1236	100	2.0	15	NVR					
	1241	1316	100	2.0	15	NVR					
	1322	1336	25	2.0	80	pressured out at 80, burped and still held 80 PSI					
12/7/2022	735	754	25	1.5	90	pressured out at 90 psi					
12/12/2022	1338	1345	20	2.5	70	pressured out					



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet							
Client:		GHD				Client Personnel:	
Office:		Lakewood, CO				Erin	
Site:		P66 East Hobbs Junction				DTI Operations Manager:	
Location:		Hobbs, NM				James Gainey	
Estimated Work Days:		8				DTI Field Crew:	
						Eric, Jeremy	
						DTI Project #:	
						2331 R-1	
						Client Project #:	
						PO #:	
WELL INJECTION DATA						Comments	
RW-13							
Date	Start	End	Gallons	GPM	Pressure (psi)		
12/7/2022	1029	1102	100	3.5	20		
	1107	1149	100	2.0	70	pressured out at 70	
12/8/2022	1016	1027	20	1.7	80	pressured out at 80 strong odor	
12/12/2022	1245	1256	20	2.5	70	PRESSURED OUT	
TOTAL:			240	2	60		



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[illegible]



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet													
Client: GHD						Client Personnel:		Erin		DTI Project #:		2331 R-1	
Office: Lakewood, CO						DTI Operations Manager:		James Gainey		Client Project #:			
Site: P66 East Hobbs Junction						DTI Field Crew:		Eric, Jeremy		PO #:			
Location: Hobbs, NM													
Estimated Work Days: 8													
WELL INJECTION DATA													
RW-17													
Date	Start	End	Gallons	GPM	Pressure (psi)	Comments							
12/7/2022	1240	1310	50	2.0	20	(lunch from 1310-1354)							
	1358	1440	100	2.0	65								
12/8/2022	835	849	25	1.5	75	good reaction, pressured out							
12/12/2022	1423	1436	25	2.5	70	pressured out							



Cool-Ox®

Cool-Ox® Daily Field Injection Sheet											
Client: GHD						Client Personnel:		Erin	DTI Project #:		2331 R-1
Office: Lakewood, CO						DTI Operations Manager:		James Gainey	Client Project #:		
Site: P66 East Hobbs Junction						DTI Field Crew:		Eric, Jeremy	PO #:		
Location: Hobbs, NM											
Estimated Work Days: 8											
WELL INJECTION DATA						Comments					
SP-1											
Date	Start	End	Gallons	GPM	Pressure (psi)						
12/9/2022	1041	1137	100	1.5	10	NVR					
	1146	1238	100	2.0	30						
	1242	1350	100	2.5	20						
	1334	1414	100	2.5	20						
	1418	1500	100	3.5	20						
12/12/2022	1509	1538	70	2.0	20						
	1545	1617	100	3.5	25						
	1620	1646	100	4.5	25						
12/13/2022	1250	1329	100	2.5	20						
	1332	1410	100	2.5	20						
	1416	1459	100	2.5	20						



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Well #	Gallons	Average GPM	Average Pressure (psi)
MW-1	55	2	10
MW-2 RW-1	100	2	5
MW-3 RW-3	100	2	13
MW-9 RW-2	462	3	4
RW-8	240	2	59
RW-9	233	2	58
RW-10	145	3	75
RW-11	200	2	65
RW-12	270	2	54
RW-13	240	2	60
RW-14	1080	3	49
RW-16	240	2	78
RW-17	200	2	58
SP-1	1070	3	21
SP-2	1400	3	34
TOTAL:	6035		



ghd.com

➔ The Power of Commitment

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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 327918

CONDITIONS

Operator: PHILLIPS PETROLEUM CO 4001 Penbrook Odessa, TX 79762	OGRID:
	17643
	Action Number: 327918
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Groundwater Monitoring and Remediation Report: content satisfactory 1. Continue removal of LNAPL from wells where present. 2. Continue quarterly groundwater monitoring at the site for COCs as approved. 3. Submit the 2024 annual report to OCD by April 1, 2025.	7/31/2024