



September 9, 2026

Quarterly 2026 Groundwater Monitoring Report

HF Sinclair Corporation

Hobbs Tank 5201 Release AP 113, Lea County, New Mexico

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Project Number HFSIN-026-0003

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Table of Contents

Executive Summary	i
1.0 Introduction	1-1
1.1 Site Description	1-1
1.2 Site Setting	1-1
1.3 Site Geology and Hydrogeology	1-1
1.4 Site History	1-2
1.5 Regulatory Framework and Remedial History.....	1-3
2.0 Groundwater Monitoring Activities	2-1
2.1 Well Redevelopment.....	2-1
2.2 Second Quarter Monitoring	2-1
2.3 Groundwater Analytical Results	2-2
2.4 Enhanced Fluid Recovery	2-2
3.0 Second Quarter 2026 Groundwater Remediation Activities	3-1
4.0 Summary and Recommendations	4-1
5.0 References	5-1

List of Tables

1. Groundwater Analytical Results
2. Fluid Level Monitoring
3. Enhanced Fluid Recovery Volumes

List of Figures

1. Site Location Map
2. Site Map
3. Groundwater Potentiometric Surface Map, Second Quarter 2026 (July 9, 2026)

List of Appendices

- A. Historical Fluid Levels
- B. Historical Groundwater Analytical Results
- C. Redevelopment Activity Field Forms
- D. Analytical Laboratory Report

List of Acronyms

AP	Abatement Plan
BTEX	benzene, toluene, ethylbenzene, and total xylenes
DRO	diesel range organics
EFR	enhanced fluid recovery
EPA	Environmental Protection Agency
ft	foot or feet
GRO	gasoline range organics
HFS	HF Sinclair Corporation
in.	inch or inches
mg/L	milligrams per liter
NMOCD	New Mexico Oil Conservation Division
NMWQCC	New Mexico Water Quality Control Commission
O&M	operation and maintenance
ORC®	oxygen release compound
SESI	Safety and Environmental Solutions, Inc.
TPH	total petroleum hydrocarbons

Executive Summary

On July 22, 2004, a leak of an unknown volume of crude oil was discovered in a 6-inch pipeline from the crude oil truck unloading rack at Storage Tank 5201 (Site). The line was exposed and clamped, and the section was replaced immediately. Petroleum stained soil from the release was excavated in an area that covered approximately 4 feet (ft) by 20 ft by 18 ft deep.

Over 20 years of assessment and remediation activities have been conducted, including site characterization and assessment, remediation of crude oil impacts, groundwater sampling, and reporting in accordance with the New Mexico Administrative Code 19.15.30, as overseen by the New Mexico Oil Conservation Division (NMOCD).

GHD, on behalf of HF Sinclair, submitted a closure report on August 13, 2025 (GHD 2025), after achieving eight consecutive quarters of groundwater analytical data below the New Mexico Water Quality Control Commission (NMWQCC) standards. The closure request was rejected by NMOCD on September 16, 2025 (NMOCD 2025).

Following the rejection of the closure report, a response letter was submitted to NMOCD on December 4, 2025, which provided a chronological summary of activities and groundwater analytical data collected during the first, second, and third quarters of 2025 (HFS 2025a). A request to modify the abatement standards was also included in the submission to NMOCD to apply the 2004 NMWQCC standards. The request was approved by NMOCD, and the 2004 NMWQCC standards will be used for evaluating groundwater analytical results until Site closure is approved. Quarterly groundwater monitoring reports began in the fourth quarter of 2025.

During the second quarter of 2026, wells with sufficient water volume were redeveloped and sampled. Benzene exceeded the 2004 NMWQCC standard in five wells. The third quarter sampling event is scheduled for August 2026 to confirm the second quarter results.

1.0 Introduction

This second quarter 2026 Groundwater Monitoring Report is being submitted by Trihydro Corporation (Trihydro) on behalf of HF Sinclair Corporation (HFS) for the Hobbs Tank 5201 Release, Abatement Plan (AP) 113 (CRA 2012), located in Lea County, New Mexico (Site; Figure 1). Trihydro conducted the second quarter groundwater monitoring and sampling activities on July 9, 2026. Second quarter activities were postponed to July 2026 following discussions with the New Mexico Oil Conservation Division (NMOCD) regarding planned well redevelopment.

1.1 Site Description

On July 22, 2004, a leak of an unknown volume of crude oil was discovered in a 6-inch (in.) pipeline from the crude oil truck unloading rack at Storage Tank 5201 (Figure 2). The line was exposed and clamped, and the section was replaced immediately. Petroleum stained soil from the release was excavated in an area that covered approximately 4 feet (ft) by 20 ft by 18 ft deep. Additional staining observed close to the tank was not excavated due to the proximity of the tank and concern over compromising the tank's structural integrity. No fluid was observed during the excavation.

1.2 Site Setting

The Site is located approximately 3.5 miles south of Hobbs, New Mexico, on County Road 61 in the NW quarter of the NW quarter of Section 22, Township 19 South, Range 38 East in Lea County, New Mexico (Figure 1). The surrounding land use consists primarily of crude oil gathering lines, storage tanks, and open rangeland. The topography at the Site is relatively flat and the average elevation is 3,595 ft above mean sea level. The Site is located within the HF Sinclair Midstream Tank Farm on property owned by Enterprise Products. The tank farm is fenced, and access is controlled by a locked gate. The average yearly precipitation for the Hobbs area is 17.92 in.

1.3 Site Geology and Hydrogeology

The Site surface soil is comprised of silty to fine sands approximately 10 ft thick. This surface soil is consistent with the surface soil description (quaternary sediment) for this physiographic province. The rock types encountered below this surface layer are indurated (hardened) calcium carbonate intervals of variable thickness locally referred to as "caliche," fine grained sand, sandstone with caliche, and fractured sandstone within the saturated zone.

Groundwater in the area is primarily produced from the Ogallala aquifer. The Ogallala Formation unconformably overlies the Triassic age Dockum Group. The Dockum Group consists of red shale and sandstone and is

commonly referred to as “red beds.” The red beds can exceed 1,000 ft in thickness in this region and may produce small amounts of poor quality water at the bottom of the formation.

The regional groundwater flow direction in the Ogallala is toward the east-southeast and follows the Triassic subcrop surface. Recharge primarily occurs via infiltration from precipitation events. Due to the ongoing drought and the overall drop in water levels of the Ogallala aquifer (approximately 6 ft in 10 years), groundwater levels at the Site have dropped.

1.4 Site History

Safety and Environmental Solutions, Inc. (SESI) installed six groundwater monitoring wells, one recovery well, and advanced seven boreholes shortly after the release, to characterize and recover the released crude oil in the area of the tank (GHD 2025). Five boreholes (one completed as a monitoring well) and two monitoring wells were installed inside of the berm area in 2004. The first borehole was completed as a 2-in. monitoring well, MW-1, adjacent to the leak location. Two additional 2-in. monitoring wells, MW-2 and MW-3, were installed outside the bermed area in 2004, downgradient of the release. A 4-in. recovery well, RW-1, was also installed in 2004 near the tank and MW-1. In 2010, two additional 2-in. monitoring wells were installed, monitoring well MW-4, outside the bermed area, and MW-5, upgradient and inside the bermed area (Figure 2).

SESI recovered crude oil from MW-1 and RW-1 from 2004 to 2011. In 2004, crude oil was initially measured in MW-1 at approximately 6 ft thick. In RW-1, the product thickness at installation was measured at 2.75 ft. Crude oil was not found in any other wells at the Site. In 2005, outside the tank berm area and approximately 200 ft southeast of the release point, benzene was detected in downgradient well MW-2 at a concentration of 0.72 milligrams per liter (mg/L). The result was above the New Mexico Water Quality Control Commission (NMWQCC) standard of 0.005 mg/L. Benzene has not been detected above the standard in this well or in any other monitoring wells located downgradient since 2005.

In June 2013, four 4-in. recovery wells (HTRW wells) were installed by CRA, who later merged with GHD, within the bermed area and near the release area to delineate and recover crude oil (Figure 2). In September 2013, a crude oil recovery system with remote access was installed with oil skimmer pumps in RW-1 and recovery wells HTRW-1 and HTRW-3. Appendix A provides historical fluid levels, and Appendix B provides historical analytical data.

The Site has been affected by very low precipitation and declining groundwater levels. The average annual rainfall for Hobbs in 2025 was 17.92 in. The drop in groundwater levels has left some monitoring wells dry.

Wells that have been dry since 2021 include MW-1, MW-2, and MW-3. Prior to MW-2 and MW-3 being measured as dry, these wells had concentrations of benzene below the standard for more than 16 years.

In a technical memorandum submitted by HFS on January 17, 2025, NMOCD agreed to suspend sampling of monitoring wells that have gone dry (i.e., MW-1, MW-2, and MW-3) and had previously demonstrated eight consecutive samples with results below the NMWQCC standards (HFS 2025b).

1.5 Regulatory Framework and Remedial History

The Combined Stage I/II AP was submitted in November 2012 and approved by NMOCD in March 2014 (AP-113; CRA 2012, NMOCD 2014). The remedial approach for the Site was to reduce crude oil to a negligible amount, enhance biodegradation in the area where crude oil was measured, and reduce concentrations to below NMWQCC standards. Crude oil thickness has been negligible since June 2020 due to pumping, enhanced fluid recovery (EFR), biodegradation, and oil absorbent socks (Appendix A). Almost 85 barrels of oil (approximately 3,559 gallons) have been recovered from the Site.

This oil recovery system was used until March 2015, when only negligible amounts of recoverable crude oil were observed. Since 2015, EFR has been used to recover crude oil from wells MW-1, RW-1, HTRW-1, and HTRW-3, when water is present in the well. EFR activities are completed using a vacuum truck. Oil absorbent socks are used in these wells during the time between EFR events.

EFR was used site-wide to recover the released crude oil from December 2015 to 2018, and oil absorbent socks were used periodically for any de minimis remaining oil. Since 2018, EFR has only been used on recovery wells RW-1, HTRW-1, and HTRW-3 to remove dissolved phase hydrocarbons and remaining de minimis oil. A solar powered air sparging system was installed in 2021 and continues to operate in recovery well HTRW-1, with air pumped into the well continuously. Oxygen release compound (ORC[®]) socks were installed in recovery wells HTRW-1, RW-1, and HTRW-3 in March 2023 and replaced in September 2024. Depleted ORC[®] socks were characterized and disposed of appropriately as non-hazardous oilfield waste.

EFR, air sparging, and ORC[®] socks in recovery well HTRW-1 were used to promote biodegradation of dissolved phase constituents of concern by increasing dissolved oxygen. These remediation methods reduced benzene concentrations in HTRW-1 from a high of 1.62 mg/L in 2017 to non-detect in the second quarter 2025.

HFS submitted a closure report on August 13, 2025, after achieving eight consecutive quarters of groundwater analytical data below the NMWQCC standard as allowed per New Mexico Administrative Code 19.15.30.9

(GHD 2025). The closure request was rejected by NMOCD on September 16, 2025. The NMOCD noted that several monitoring wells did not meet the current NMWQCC standards (published in 2018) (NMOCD 2025).

A technical memorandum was submitted by Trihydro on behalf of HFS summarizing a discussion between HFS and NMOCD held on March 6, 2026 (Trihydro 2026). During this discussion, NMOCD agreed that because the Site release occurred in 2004, HFS may use the 2004 groundwater quality standards for comparison to analytical results. Groundwater samples are analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH) gasoline range organics (GRO), and TPH diesel range organics (DRO). TPH GRO and TPH DRO do not have NMWQCC standards for comparison.

Groundwater analytical results were submitted to NMOCD on December 31, 2025, with a No Further Action request that included a statistical calculation of the 95% upper confidence level demonstrating groundwater analytical results from September 2023 to December 2025 were below the applicable 2004 NMWQCC standards (HFS 2025c). The NMOCD noted that several monitoring wells did not have eight consecutive quarterly groundwater samples (i.e., due to dry conditions) (NMOCD 2026). More recent groundwater data were requested.

Following the closure report and discussions with HFS, NMOCD requested site-wide sampling to assess current Site conditions. Prior to site-wide sampling, five wells with sufficient water volume were redeveloped to restore hydraulic performance and improve sample representativeness.

2.0 Groundwater Monitoring Activities

Groundwater monitoring has been conducted quarterly since 2006 and will continue until NMOCD approves a closure report and issues a No Further Action determination. Multiple wells have historically been dry during quarterly sampling events and have not been sampled consistently. These wells include HTRW-2 (dry since 2017), HTRW-3 (dry since 2015), HTRW-4 (dry since 2017), MW-1 (dry since 2021), MW-2 (dry since 2020), and MW-3 (intermittently dry since 2021). During the July 2026 event, HTRW-2, HTRW-3, and HTRW-4 contained sufficient water for redevelopment and sampling. The recovery well, RW-1, has not been historically sampled due to its proximity to the HTRW wells.

2.1 Well Redevelopment

Well redevelopment activities were conducted on July 7 and 8, 2026. Wells with sufficient water volume were redeveloped to restore hydraulic performance and improve the representativeness of subsequent groundwater samples. The redeveloped wells included HTRW-1, HTRW-2, HTRW-3, HTRW-4, and MW-4. Groundwater samples were collected from the redeveloped wells, as well as RW-1 and MW-5, and analyzed for benzene, ethylbenzene, toluene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH) gasoline range organics (GRO), and TPH diesel range organics (DRO).

The wells were scrubbed and surged for approximately two hours, and approximately 10 casing volumes of water were removed from each well. All redevelopment activities were completed in accordance with applicable state regulations, site-specific health and safety requirements, and facility operational constraints. Field forms documenting the redevelopment activities are provided in Appendix C.

2.2 Second Quarter Monitoring

On July 9, 2026, Trihydro completed quarterly groundwater monitoring. The second quarter monitoring was completed in July following discussions with NMOCD. An additional groundwater sampling event will be conducted in August 2026 as part of the third quarter monitoring program, and to confirm the July 2026 results. Groundwater monitoring activities included measurement of fluid levels in all monitoring wells and recovery wells, and collection of groundwater samples from HTRW-1, HTRW-2, HTRW-3, HTRW-4, MW-4, MW-5, and RW-1 for laboratory analysis of BTEX, TPH GRO, and TPH DRO.

Groundwater elevations were measured at all sampled wells, and depth to groundwater was recorded using a decontaminated electronic interface probe. Groundwater elevations ranged from 3,535.64 ft amsl in MW-4 to 3,536.19 ft amsl in MW-5. The calculated groundwater gradient was 0.001 ft/ft, measured from HTRW-4 toward MW-5, with a general groundwater flow direction to the east-southeast. Due to the presence of the ORC[®] socks deployed in RW-1, HTRW-3, and HTRW-1, operation of the air sparge system at HTRW-1, and recent well

redevelopment activities, groundwater elevation data from these wells were excluded from the groundwater contouring interpretation because measurements from these wells were not representative of static groundwater conditions. Figure 3 depicts the groundwater potentiometric surface based on the applicable fluid level measurements provided in Table 2.

Groundwater samples were collected in laboratory-supplied containers. The groundwater samples were placed on ice in an insulated cooler and chilled. Sealed coolers were shipped to Pace Analytical, in Mt. Juliet, Tennessee under chain of custody protocol for the following analyses:

- BTEX by Environmental Protection Agency (EPA) Method 8260D
- TPH GRO and TPH DRO by EPA Method 8015D

Prior to sampling each well, temperature, pH, specific conductivity, dissolved oxygen, and oxidation reduction potential were measured using a multi-parameter water quality meter. Field parameter measurements are presented in Table 1 and Appendix B. Groundwater analytical data for the July 9, 2026, sampling event are presented in Table 1. The groundwater laboratory analytical report is presented in Appendix D. A groundwater sample and a duplicate sample were collected from HTRW-1, and groundwater samples were collected from HTRW-2, HTRW-3, HTRW-4, MW-4, MW-5, and RW-1.

Historical monitoring data (analytical and fluid levels) are provided in Appendices A and B. Data collected prior to July 2026 were collected by a different consultant and are included for site history.

2.3 Groundwater Analytical Results

BTEX, TPH GRO, and TPH DRO were detected in several wells across the Site. Benzene exceeded the 2004 NMWQCC standard in HTRW-1, HTRW-2, HTRW-3, HTRW-4, and RW-1. These wells are all located next to Tank 5201. With the exception of benzene, detected constituents were below their respective 2004 NMWQCC standards.

Based on the July 2026 analytical results, an additional site-wide sampling event is scheduled for the week of August 3, 2026. This event will serve as the third quarter sampling event as well as provide data to evaluate whether the benzene second quarter exceedances were associated with well redevelopment activities.

2.4 Enhanced Fluid Recovery

EFR was conducted every two weeks during the second quarter of 2026. Fluid recovery volumes are presented in Table 3.

3.0 Second Quarter 2026 Groundwater Remediation Activities

Remedial activities in the second quarter of 2026 were completed in accordance with the established frequency and methodology agreed upon with NMOCD. EFR using a vacuum truck was conducted twice monthly at wells RW-1, HTRW-1, and HTRW-3. ORC[®] socks were also deployed in these wells and are inspected quarterly and replaced as needed. The solar powered air sparge system at well HTRW-1 operated continuously during the second quarter. Operation and maintenance (O&M) activities were completed simultaneously with EFR events during 2026 to optimize system performance.

4.0 Summary and Recommendations

Trihydro completed quarterly groundwater monitoring on July 9, 2026. Benzene was reported by the laboratory above the 2004 NMWQCC standard in wells HTRW-1, HTRW-2, HTRW-3, HTRW-4, and RW-1.

Abatement activities that will continue in 2026 until NMOCD approves closure include:

- Quarterly groundwater monitoring and reporting; the third quarter event will be conducted in August 2026 to confirm the July 2026 benzene results.
- Continued use of ORC[®] socks on an annual basis in wells RW-1, HTRW-1, and HTRW-3 and replacement of socks as needed. EFR will continue every two weeks at RW-1, HTRW-1, HTRW-2, and HTRW-3. Deviations from this schedule will be noted in quarterly reports.
- Continued air sparging and O&M at HTRW-1.

5.0 References

- Conestoga-Rovers & Associates (CRA). 2012. Stage 1 Abatement Plan for Hobbs Tank 5201 Release, NW ¼ of the NW ¼ of Section 22, Township 19 South, Range 38 East, Lea County, New Mexico. November 5.
- GHD. 2025. Closure Report. Hobbs Tank 5201 Release AP-113, Lea County, New Mexico. HF Sinclair Corporation. August 13.
- HFS. 2025a. RE: Hobbs Tank 5201 – AP-113. December 4.
- HFS. 2025b. Technical Memo. January 17.
- HFS. 2025c. Hobbs Tank 5201 – AP-113. Request for No Further Action for Groundwater. December 31.
- NMOCD. 2014. Abatement Plan Approval.
- NMOCD. 2025. Closure Report Rejection.
- NMOCD. 2026. Hobbs Tank 5201 – AP-113. Closure Report Rejected. February 10.
- Trihydro. 2026. HF Sinclair Hobbs Tank 5201 Release AP-113. Technical Memorandum. April 13.

Tables

TABLE 1. GROUNDWATER ANALYTICAL RESULTS							
HF SINCLAIR - HOBBS TANK 5201							
HOBBS, NEW MEXICO							
Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH DRO (mg/L)	TPH GRO (mg/L)
HTRW-1	7/09/26	0.0788	0.00163	0.0136	0.00243	ND(0.2)	0.351
HTRW-1 Dup	7/09/26	0.0493	0.00113	0.0123	0.00155	0.197	0.323
HTRW-2	7/09/26	0.0211	0.00392	0.00194	0.00672	0.361	1.21
HTRW-3	7/09/26	0.103	0.00148	0.0345	0.0397	0.739	0.951
HTRW-4	7/09/26	0.0293	ND(0.001)	0.00125	0.00328	0.253	0.449
MW-4	7/09/26	0.00104	ND(0.001)	0.000395	ND(0.003)	0.703	ND(1)
MW-5	7/09/26	0.00235	ND(0.001)	0.00571	0.000509	ND(0.1)	ND(0.1)
RW-1	7/09/26	0.496	0.0201	0.161	0.107	0.337	2.74
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA

DRO - diesel range organics
Dup - duplicate
GRO - gasoline range organics
mg/L - milligrams per Liter
NA - not applicable
ND(X) - not detected at reporting limit, X
NMWQCC - New Mexico Water Quality Control Commission
TPH - total petroleum hydrocarbons

Bolded/shaded detections indicate NMWQCC standard exceedances

TABLE 2. FLUID LEVEL MONITORING
HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth To Water (ft-bmp)	Product Thickness (ft)	Total Depth	MPE (ft-amsl)	Groundwater
					Gauged (ft-bmp)		Elevation (ft-amsl)
HTRW-1	7/09/26	ND	52.26	NA	59.98	3,588.14	3,535.88
HTRW-2	7/09/26	ND	51.56	NA	58.85	3,587.51	3,535.95
HTRW-3	7/09/26	ND	52.84	NA	58.36	3,588.75	3,535.91
HTRW-4	7/09/26	ND	52.62	NA	59.63	3,588.57	3,535.95
MW-4	7/09/26	ND	55.21	NA	64.72	3,590.85	3,535.64
MW-5	7/09/26	ND	56.56	NA	58.69	3,592.75	3,536.19
RW-1	7/09/26	ND	56.27	NA	58.18	3,592.05	3,535.78

Notes:
ft - feet
ft-amsl - feet above mean sea level
ft-bmp - feet below measuring point
MPE - measuring point elevation
NA - not applicable
ND - not detected

**TABLE 3. ENHANCED FLUID RECOVERY VOLUMES
HF SINCLAIR - HOBBS TANK 5201
HOBBS, NEW MEXICO**

Well ID	Number of Second Quarter EFR Events Performed	Estimated Recovery Volume per Event (gallons)	Total Estimated Second Quarter Recovery Volume (gallons)
RW-1	9	30	270
HTRW-1	9	50	450
HTRW-2	9	45	405
HTRW-3	9	45	405
		Total Recovery Second Quarter EFR Events (gallons)	1,530

Note:

EFR - enhanced fluid recovery

Figures

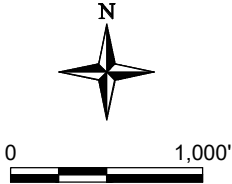


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SITE LOCATION

NOTE:
SITE LEGAL DESCRIPTION -
TOWNSHIP 19 SOUTH,
RANGE 38 EAST,
SECTION 22





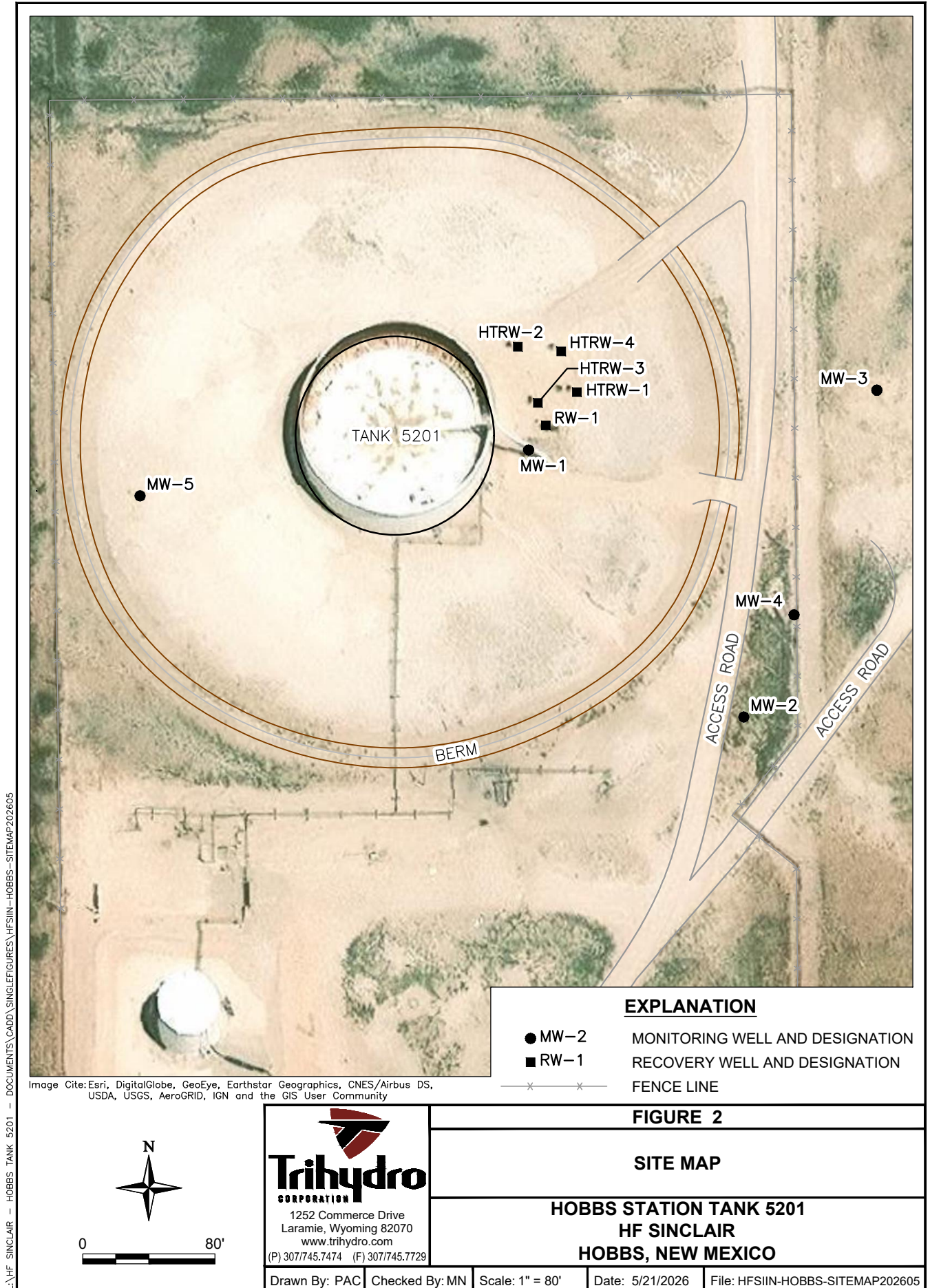
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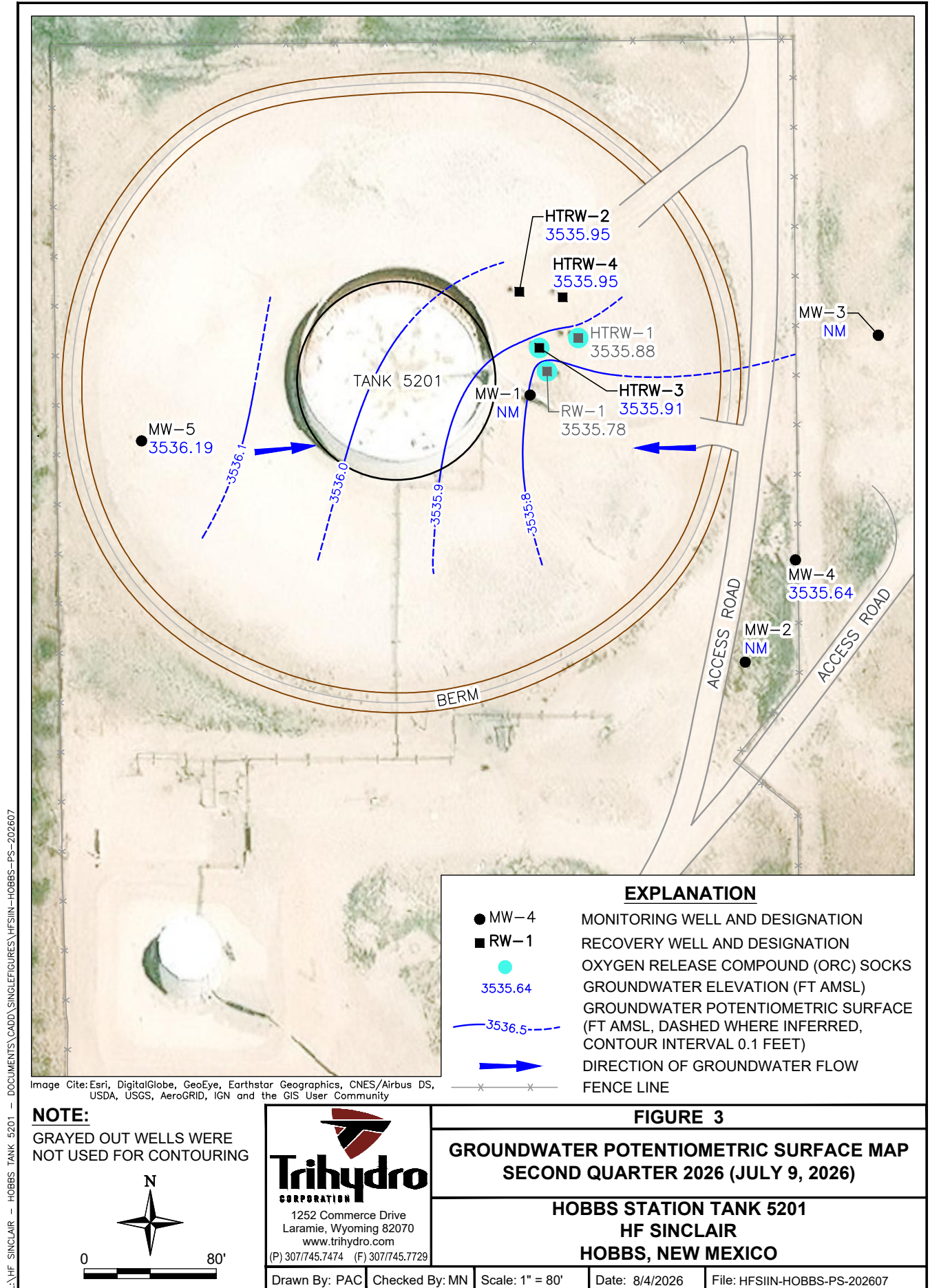
FIGURE 1

SITE LOCATION MAP

**HOBBS STATION TANK 5201
HF SINCLAIR
HOBBS, NEW MEXICO**

Drawn By: PAC	Checked By: MN	Scale: 1" = 1,000'	Date: 5/21/2026	File: HFSIIN-HOBBS-SITELOC202605
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Appendix A

Historical Fluid Levels

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
HTRW-1	6/25/13	45.28	45.27	3,542.87	0.01
HTRW-1	12/11/13	45.79	45.78	3,542.36	0.01
HTRW-1	6/19/14	46.19	ND	3,541.95	NA
HTRW-1	12/11/14	45.51	45.46	3,542.67	0.05
HTRW-1	3/18/15	46.66	46.64	3,541.49	0.02
HTRW-1	6/11/15	47.61	46.81	3,541.11	0.80
HTRW-1	8/12/15	46.91	ND	3,541.23	NA
HTRW-1	9/17/15	46.98	ND	3,541.16	NA
HTRW-1	12/17/15	46.95	46.93	3,541.20	0.02
HTRW-1	6/07/16	46.34	ND	3,541.80	NA
HTRW-1	9/26/16	46.97	ND	3,541.17	NA
HTRW-1	10/28/16	46.95	46.94	3,541.20	0.01
HTRW-1	12/13/16	47.44	ND	3,540.70	NA
HTRW-1	1/23/17	47.58	ND	3,540.56	NA
HTRW-1	2/20/17	47.68	ND	3,540.46	NA
HTRW-1	3/13/17	47.62	ND	3,540.52	NA
HTRW-1	4/20/17	47.67	ND	3,540.47	NA
HTRW-1	6/06/17	47.71	ND	3,540.43	NA
HTRW-1	9/20/17	47.72	ND	3,540.42	NA
HTRW-1	12/07/17	NA	NA	NA	NA
HTRW-1	1/24/18	48.04	ND	3,540.10	NA
HTRW-1	2/22/18	48.08	ND	3,540.06	NA
HTRW-1	3/14/18	48.03	ND	3,540.11	NA
HTRW-1	6/06/18	48.22	ND	3,539.92	NA
HTRW-1	9/24/18	48.45	ND	3,539.69	NA
HTRW-1	12/12/18	48.99	ND	3,539.15	NA
HTRW-1	3/12/19	48.70	ND	3,539.44	NA
HTRW-1	9/20/19	48.97	ND	3,539.17	NA
HTRW-1	12/04/19	48.97	ND	3,539.17	NA
HTRW-1	3/12/20	49.09	ND	3,539.05	NA
HTRW-1	6/16/20	49.20	ND	3,538.94	NA
HTRW-1	9/16/20	49.38	ND	3,538.76	NA
HTRW-1	12/02/20	49.56	ND	3,538.58	NA
HTRW-1	3/24/21	49.72	ND	3,538.42	NA
HTRW-1	6/08/21	49.90	ND	3,538.24	NA
HTRW-1	9/22/21	50.00	ND	3,538.14	NA
HTRW-1	12/01/21	50.22	ND	3,537.92	NA
HTRW-1	3/23/22	50.28	ND	3,537.86	NA
HTRW-1	6/01/22	50.34	ND	3,537.80	NA
HTRW-1	9/28/22	50.56	ND	3,537.58	NA
HTRW-1	12/07/22	50.68	ND	3,537.46	NA
HTRW-1	3/30/23	50.81	ND	3,537.33	NA
HTRW-1	5/31/23	50.86	ND	3,537.28	NA
HTRW-1	9/27/23	51.11	ND	3,537.03	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
HTRW-1	11/30/23	51.19	ND	3,536.95	NA
HTRW-1	3/06/24	51.24	ND	3,536.90	NA
HTRW-1	6/26/24	51.50	ND	3,536.64	NA
HTRW-1	9/04/24	51.68	ND	3,536.46	NA
HTRW-1	12/03/24	51.66	ND	3,536.48	NA
HTRW-1	3/05/25	51.79	ND	3,536.35	NA
HTRW-1	5/20/25	51.80	ND	3,536.34	NA
HTRW-1	9/29/25	51.89	ND	3,536.25	NA
HTRW-1	12/11/25	52.02	ND	3,536.12	NA
HTRW-1	4/13/26	52.17	ND	3,535.97	NA
HTRW-1	7/09/26	52.26	ND	3,535.88	NA
HTRW-2	6/25/13	44.60	ND	3,542.91	NA
HTRW-2	12/11/13	45.05	ND	3,542.46	NA
HTRW-2	6/19/14	45.52	ND	3,541.99	NA
HTRW-2	12/11/14	45.79	ND	3,541.72	NA
HTRW-2	3/18/15	45.95	ND	3,541.56	NA
HTRW-2	6/11/15	46.05	ND	3,541.46	NA
HTRW-2	8/12/15	46.22	ND	3,541.29	NA
HTRW-2	9/17/15	46.30	ND	3,541.21	NA
HTRW-2	12/17/15	46.25	ND	3,541.26	NA
HTRW-2	6/07/16	46.66	ND	3,540.85	NA
HTRW-2	9/26/16	46.20	ND	3,541.31	NA
HTRW-2	10/28/16	46.18	ND	3,541.33	NA
HTRW-2	12/13/16	46.74	ND	3,540.77	NA
HTRW-2	1/23/17	46.90	ND	3,540.61	NA
HTRW-2	2/20/17	46.88	ND	3,540.63	NA
HTRW-2	3/13/17	46.93	ND	3,540.58	NA
HTRW-2	4/20/17	46.96	ND	3,540.55	NA
HTRW-2	6/06/17	47.03	ND	3,540.48	NA
HTRW-2	9/20/17	47.08	ND	3,540.43	NA
HTRW-2	12/07/17	47.25	ND	3,540.26	NA
HTRW-2	1/24/18	48.68	ND	3,538.83	NA
HTRW-2	2/22/18	47.38	ND	3,540.13	NA
HTRW-2	3/14/18	48.42	ND	3,539.09	NA
HTRW-2	6/06/18	47.56	ND	3,539.95	NA
HTRW-2	9/24/18	47.77	ND	3,539.74	NA
HTRW-2	12/12/18	47.79	ND	3,539.72	NA
HTRW-2	3/12/19	48.01	ND	3,539.50	NA
HTRW-2	9/20/19	48.28	ND	3,539.23	NA
HTRW-2	12/04/19	48.35	ND	3,539.16	NA
HTRW-2	3/12/20	48.47	ND	3,539.04	NA
HTRW-2	6/16/20	48.59	ND	3,538.92	NA
HTRW-2	9/16/20	48.68	ND	3,538.83	NA
HTRW-2	12/02/20	48.89	ND	3,538.62	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
HTRW-2	3/24/21	49.10	ND	3,538.41	NA
HTRW-2	6/08/21	49.23	ND	3,538.28	NA
HTRW-2	9/22/21	49.34	ND	3,538.17	NA
HTRW-2	12/01/21	49.56	ND	3,537.95	NA
HTRW-2	3/23/22	49.69	ND	3,537.82	NA
HTRW-2	6/01/22	49.76	ND	3,537.75	NA
HTRW-2	9/28/22	49.99	ND	3,537.52	NA
HTRW-2	12/07/22	49.98	ND	3,537.53	NA
HTRW-2	3/30/23	50.13	ND	3,537.38	NA
HTRW-2	5/31/23	50.16	ND	3,537.35	NA
HTRW-2	9/27/23	50.43	ND	3,537.08	NA
HTRW-2	11/30/23	50.47	ND	3,537.04	NA
HTRW-2	3/06/24	50.56	ND	3,536.95	NA
HTRW-2	6/26/24	50.72	ND	3,536.79	NA
HTRW-2	9/04/24	50.80	ND	3,536.71	NA
HTRW-2	12/03/24	50.95	ND	3,536.56	NA
HTRW-2	3/05/25	51.09	ND	3,536.42	NA
HTRW-2	5/20/25	51.03	ND	3,536.48	NA
HTRW-2	9/29/25	51.23	ND	3,536.28	NA
HTRW-2	12/11/25	51.30	ND	3,536.21	NA
HTRW-2	4/13/26	51.51	ND	3,536.00	NA
HTRW-2	7/09/26	51.56	ND	3,535.95	NA
HTRW-3	6/25/13	45.88	45.87	3,542.88	0.01
HTRW-3	12/11/13	46.33	46.32	3,542.43	0.01
HTRW-3	6/19/14	46.79	ND	3,541.96	NA
HTRW-3	12/11/14	47.03	ND	3,541.72	NA
HTRW-3	3/18/15	47.50	47.19	3,541.48	0.31
HTRW-3	6/11/15	47.61	47.35	3,541.33	0.26
HTRW-3	8/12/15	47.60	ND	3,541.15	NA
HTRW-3	9/17/15	48.38	47.47	3,541.03	0.91
HTRW-3	12/17/15	49.00	47.30	3,540.99	1.70
HTRW-3	6/07/16	47.84	47.81	3,540.93	0.03
HTRW-3	9/26/16	47.60	47.48	3,541.24	0.12
HTRW-3	10/28/16	47.55	47.46	3,541.27	0.09
HTRW-3	12/13/16	48.48	47.97	3,540.64	0.51
HTRW-3	1/23/17	48.55	48.10	3,540.53	0.45
HTRW-3	2/20/17	48.50	48.28	3,540.41	0.22
HTRW-3	3/13/17	48.35	48.20	3,540.51	0.15
HTRW-3	4/20/17	48.31	48.22	3,540.51	0.09
HTRW-3	5/19/17	48.30	48.24	3,540.49	0.06
HTRW-3	6/06/17	48.35	48.31	3,540.43	0.04
HTRW-3	9/20/17	48.36	48.31	3,540.43	0.05
HTRW-3	12/07/17	49.35	48.60	3,539.95	0.75
HTRW-3	1/24/18	49.04	48.54	3,540.08	0.50

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
HTRW-3	2/22/18	48.75	48.68	3,540.05	0.07
HTRW-3	3/14/18	48.68	ND	3,540.07	NA
HTRW-3	6/06/18	48.88	ND	3,539.87	NA
HTRW-3	9/24/18	49.18	49.08	3,539.64	0.10
HTRW-3	12/12/18	48.13	48.08	3,540.66	0.05
HTRW-3	3/12/19	49.35	49.29	3,539.44	0.06
HTRW-3	9/20/19	49.60	ND	3,539.15	NA
HTRW-3	12/04/19	49.75	ND	3,539.00	NA
HTRW-3	3/12/20	49.89	ND	3,538.86	NA
HTRW-3	6/16/20	49.92	49.90	3,538.84	0.02
HTRW-3	9/16/20	50.08	ND	3,538.67	NA
HTRW-3	12/02/20	50.24	ND	3,538.51	NA
HTRW-3	3/24/21	50.32	ND	3,538.43	NA
HTRW-3	6/08/21	50.46	ND	3,538.29	NA
HTRW-3	9/22/21	50.55	ND	3,538.20	NA
HTRW-3	12/01/21	50.81	ND	3,537.94	NA
HTRW-3	3/23/22	50.90	ND	3,537.85	NA
HTRW-3	6/01/22	51.05	ND	3,537.70	NA
HTRW-3	9/28/22	51.20	ND	3,537.55	NA
HTRW-3	12/07/22	52.26	ND	3,536.49	NA
HTRW-3	3/30/23	51.38	ND	3,537.37	NA
HTRW-3	5/31/23	51.44	ND	3,537.31	NA
HTRW-3	9/27/23	51.72	ND	3,537.03	NA
HTRW-3	11/30/23	51.75	ND	3,537.00	NA
HTRW-3	3/06/24	51.88	ND	3,536.87	NA
HTRW-3	6/26/24	52.02	ND	3,536.73	NA
HTRW-3	9/04/24	52.13	ND	3,536.62	NA
HTRW-3	12/03/24	52.21	ND	3,536.54	NA
HTRW-3	3/05/25	52.58	ND	3,536.17	NA
HTRW-3	5/20/25	52.42	ND	3,536.33	NA
HTRW-3	9/29/25	52.70	ND	3,536.05	NA
HTRW-3	12/11/25	52.65	ND	3,536.10	NA
HTRW-3	4/13/26	52.78	ND	3,535.97	NA
HTRW-3	7/09/26	52.84	ND	3,535.91	NA
HTRW-4	6/25/13	45.68	ND	3,542.89	NA
HTRW-4	12/11/13	46.13	ND	3,542.44	NA
HTRW-4	6/19/14	46.59	ND	3,541.98	NA
HTRW-4	12/11/14	46.85	ND	3,541.72	NA
HTRW-4	3/18/15	47.03	ND	3,541.54	NA
HTRW-4	6/11/15	47.11	ND	3,541.46	NA
HTRW-4	8/12/15	47.31	ND	3,541.26	NA
HTRW-4	8/13/15	47.31	ND	3,541.26	NA
HTRW-4	8/14/15	47.31	ND	3,541.26	NA
HTRW-4	8/15/15	47.31	ND	3,541.26	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
HTRW-4	8/16/15	47.31	ND	3,541.26	NA
HTRW-4	8/17/15	47.31	ND	3,541.26	NA
HTRW-4	8/18/15	47.31	ND	3,541.26	NA
HTRW-4	9/17/15	47.35	ND	3,541.22	NA
HTRW-4	12/17/15	47.32	ND	3,541.25	NA
HTRW-4	6/07/16	47.70	ND	3,540.87	NA
HTRW-4	9/26/16	47.58	ND	3,540.99	NA
HTRW-4	10/28/16	47.55	ND	3,541.02	NA
HTRW-4	12/13/16	47.79	ND	3,540.78	NA
HTRW-4	1/23/17	47.95	ND	3,540.62	NA
HTRW-4	2/20/17	47.97	ND	3,540.60	NA
HTRW-4	3/13/17	47.98	ND	3,540.59	NA
HTRW-4	4/20/17	48.03	ND	3,540.54	NA
HTRW-4	6/06/17	48.09	ND	3,540.48	NA
HTRW-4	9/20/17	48.19	ND	3,540.38	NA
HTRW-4	12/07/17	48.30	ND	3,540.27	NA
HTRW-4	1/24/18	48.40	ND	3,540.17	NA
HTRW-4	2/22/18	48.43	ND	3,540.14	NA
HTRW-4	3/14/18	48.58	ND	3,539.99	NA
HTRW-4	6/06/18	48.64	ND	3,539.93	NA
HTRW-4	9/24/18	48.78	ND	3,539.79	NA
HTRW-4	12/12/18	48.48	ND	3,540.09	NA
HTRW-4	3/12/19	49.05	ND	3,539.52	NA
HTRW-4	9/20/19	49.38	ND	3,539.19	NA
HTRW-4	12/04/19	49.92	ND	3,538.65	NA
HTRW-4	3/12/20	49.55	ND	3,539.02	NA
HTRW-4	6/16/20	49.68	ND	3,538.89	NA
HTRW-4	9/16/20	49.82	ND	3,538.75	NA
HTRW-4	12/02/20	50.01	ND	3,538.56	NA
HTRW-4	3/24/21	50.11	ND	3,538.46	NA
HTRW-4	6/08/21	50.35	ND	3,538.22	NA
HTRW-4	9/22/21	50.38	ND	3,538.19	NA
HTRW-4	12/01/21	50.66	ND	3,537.91	NA
HTRW-4	3/23/22	50.65	ND	3,537.92	NA
HTRW-4	6/01/22	50.78	ND	3,537.79	NA
HTRW-4	9/28/22	51.03	ND	3,537.54	NA
HTRW-4	12/07/22	51.02	ND	3,537.55	NA
HTRW-4	3/30/23	51.20	ND	3,537.37	NA
HTRW-4	5/31/23	51.22	ND	3,537.35	NA
HTRW-4	9/27/23	51.56	ND	3,537.01	NA
HTRW-4	11/30/23	51.58	ND	3,536.99	NA
HTRW-4	3/06/24	51.63	ND	3,536.94	NA
HTRW-4	6/26/24	51.81	ND	3,536.76	NA
HTRW-4	9/04/24	52.95	ND	3,535.62	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
HTRW-4	12/03/24	52.18	ND	3,536.39	NA
HTRW-4	3/05/25	52.16	ND	3,536.41	NA
HTRW-4	5/20/25	52.12	ND	3,536.45	NA
HTRW-4	9/29/25	NA	NA	NA	NA
HTRW-4	12/11/25	52.38	ND	3,536.19	NA
HTRW-4	4/13/26	52.54	ND	3,536.03	NA
HTRW-4	7/09/26	52.62	ND	3,535.95	NA
MW-1	8/07/12	51.50	47.88	3,543.19	3.62
MW-1	12/20/12	51.55	48.32	3,542.86	3.23
MW-1	6/20/13	51.50	48.68	3,542.61	2.82
MW-1	10/30/13	51.53	48.96	3,542.40	2.57
MW-1	11/02/13	51.54	49.04	3,542.34	2.50
MW-1	11/13/13	51.58	49.06	3,542.31	2.52
MW-1	12/11/13	51.55	49.15	3,542.25	2.40
MW-1	6/19/14	51.59	49.65	3,541.88	1.94
MW-1	12/11/14	51.26	50.26	3,541.52	1.00
MW-1	3/18/15	51.71	50.39	3,541.30	1.32
MW-1	6/11/15	50.66	ND	3,541.39	NA
MW-1	8/12/15	51.32	50.79	3,541.12	0.53
MW-1	9/17/15	51.12	ND	3,540.93	NA
MW-1	12/17/15	50.87	ND	3,541.18	NA
MW-1	6/07/16	51.22	ND	3,540.83	NA
MW-1	9/26/16	50.90	ND	3,541.15	NA
MW-1	10/28/16	50.92	ND	3,541.13	NA
MW-1	12/13/16	51.40	51.38	3,540.66	0.02
MW-1	1/23/17	51.52	51.49	3,540.55	0.03
MW-1	2/20/17	51.55	ND	3,540.50	NA
MW-1	3/13/17	51.58	ND	3,540.47	NA
MW-1	4/20/17	51.65	ND	3,540.40	NA
MW-1	6/06/17	51.72	ND	3,540.33	NA
MW-1	9/20/17	51.73	ND	3,540.32	NA
MW-1	12/07/17	52.03	51.83	3,540.17	0.20
MW-1	1/24/18	52.00	51.98	3,540.06	0.02
MW-1	2/22/18	52.52	ND	3,539.53	NA
MW-1	3/14/18	52.60	ND	3,539.45	NA
MW-1	6/06/18	52.20	ND	3,539.85	NA
MW-1	9/24/18	52.35	ND	3,539.70	NA
MW-1	12/12/18	52.37	ND	3,539.68	NA
MW-1	3/12/19	52.68	52.65	3,539.39	0.03
MW-1	9/20/19	53.08	53.00	3,539.03	0.08
MW-1	12/04/19	53.28	53.10	3,538.90	0.18
MW-1	3/12/20	53.17	53.10	3,538.93	0.07
MW-1	6/16/20	53.20	ND	3,538.85	NA
MW-1	9/16/20	53.19	ND	3,538.86	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

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NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
MW-1	12/02/20	53.32	ND	3,538.73	NA
MW-1	3/24/21	Dry	ND	NA	NA
MW-1	6/08/21	Dry	ND	NA	NA
MW-1	9/22/21	Dry	ND	NA	NA
MW-1	12/01/21	Dry	ND	NA	NA
MW-1	3/23/22	Dry	ND	NA	NA
MW-1	6/01/22	Dry	ND	NA	NA
MW-1	9/28/22	Dry	ND	NA	NA
MW-1	12/07/22	Dry	ND	NA	NA
MW-1	3/30/23	Dry	ND	NA	NA
MW-1	5/31/23	Dry	ND	NA	NA
MW-1	9/27/23	Dry	ND	NA	NA
MW-1	11/30/23	Dry	ND	NA	NA
MW-1	3/06/24	Dry	ND	NA	NA
MW-1	6/26/24	Dry	ND	NA	NA
MW-1	9/04/24	Dry	ND	NA	NA
MW-1	12/03/24	Dry	ND	NA	NA
MW-1	3/05/25	Dry	ND	NA	NA
MW-1	5/20/25	Dry	ND	NA	NA
MW-1	9/29/25	Dry	ND	NA	NA
MW-1	12/11/25	Dry	ND	NA	NA
MW-1	4/13/26	Dry	ND	NA	NA
MW-2	8/07/12	47.44	ND	3,543.41	NA
MW-2	12/20/12	47.90	ND	3,542.95	NA
MW-2	6/25/13	48.27	ND	3,542.58	NA
MW-2	12/11/13	48.74	ND	3,542.11	NA
MW-2	6/19/14	49.19	ND	3,541.66	NA
MW-2	12/11/14	49.40	ND	3,541.45	NA
MW-2	3/18/15	49.63	ND	3,541.22	NA
MW-2	6/11/15	49.75	ND	3,541.10	NA
MW-2	12/16/15	49.91	ND	3,540.94	NA
MW-2	6/07/16	50.32	ND	3,540.53	NA
MW-2	12/13/16	50.34	ND	3,540.51	NA
MW-2	6/06/17	50.67	ND	3,540.18	NA
MW-2	9/20/17	50.67	ND	3,540.18	NA
MW-2	12/07/17	50.91	ND	3,539.94	NA
MW-2	3/14/18	51.00	ND	3,539.85	NA
MW-2	6/06/18	51.22	ND	3,539.63	NA
MW-2	9/24/18	51.38	ND	3,539.47	NA
MW-2	12/12/18	51.50	ND	3,539.35	NA
MW-2	3/12/19	51.62	ND	3,539.23	NA
MW-2	9/20/19	51.87	ND	3,538.98	NA
MW-2	12/04/19	51.95	ND	3,538.90	NA
MW-2	3/12/20	52.05	ND	3,538.80	NA

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amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
MW-2	6/16/20	52.16	ND	3,538.69	NA
MW-2	9/16/20	52.38	ND	3,538.47	NA
MW-2	12/02/20	52.40	ND	3,538.45	NA
MW-2	3/24/21	Dry	ND	NA	NA
MW-2	6/08/21	Dry	ND	NA	NA
MW-2	9/22/21	Dry	ND	NA	NA
MW-2	12/01/21	Dry	ND	NA	NA
MW-2	3/23/22	Dry	ND	NA	NA
MW-2	6/01/22	Dry	ND	NA	NA
MW-2	9/28/22	Dry	ND	NA	NA
MW-2	12/07/22	Dry	ND	NA	NA
MW-2	3/30/23	Dry	ND	NA	NA
MW-2	5/31/23	Dry	ND	NA	NA
MW-2	9/27/23	Dry	ND	NA	NA
MW-2	11/30/23	Dry	ND	NA	NA
MW-2	3/06/24	Dry	ND	NA	NA
MW-2	6/26/24	Dry	ND	NA	NA
MW-2	9/04/24	Dry	ND	NA	NA
MW-2	12/03/24	Dry	ND	NA	NA
MW-2	3/05/25	Dry	ND	NA	NA
MW-2	5/20/25	Dry	ND	NA	NA
MW-2	9/29/25	Dry	ND	NA	NA
MW-2	12/11/25	Dry	ND	NA	NA
MW-2	4/13/26	Dry	ND	NA	NA
MW-3	8/07/12	47.43	ND	3,543.38	NA
MW-3	12/20/12	47.87	ND	3,542.94	NA
MW-3	6/25/13	48.28	ND	3,542.53	NA
MW-3	12/11/13	48.73	ND	3,542.08	NA
MW-3	6/19/14	49.20	ND	3,541.61	NA
MW-3	12/11/14	49.41	ND	3,541.40	NA
MW-3	3/18/15	49.63	ND	3,541.18	NA
MW-3	6/11/15	49.78	ND	3,541.03	NA
MW-3	12/16/15	49.96	ND	3,540.85	NA
MW-3	6/07/16	50.33	ND	3,540.48	NA
MW-3	12/13/16	50.38	ND	3,540.43	NA
MW-3	6/06/17	50.68	ND	3,540.13	NA
MW-3	9/20/17	50.43	ND	3,540.38	NA
MW-3	12/07/17	50.91	ND	3,539.90	NA
MW-3	3/14/18	51.03	ND	3,539.78	NA
MW-3	6/06/18	51.24	ND	3,539.57	NA
MW-3	9/24/18	51.43	ND	3,539.38	NA
MW-3	12/12/18	51.55	ND	3,539.26	NA
MW-3	3/12/19	51.62	ND	3,539.19	NA
MW-3	9/20/19	51.88	ND	3,538.93	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
MW-3	12/04/19	51.98	ND	3,538.83	NA
MW-3	3/12/20	52.10	ND	3,538.71	NA
MW-3	6/16/20	52.20	ND	3,538.61	NA
MW-3	9/16/20	52.39	ND	3,538.42	NA
MW-3	12/02/20	52.58	ND	3,538.23	NA
MW-3	3/24/21	52.70	ND	3,538.11	NA
MW-3	6/08/21	Dry	ND	NA	NA
MW-3	9/22/21	Dry	ND	NA	NA
MW-3	12/01/21	52.98	ND	3,537.83	NA
MW-3	3/23/22	Dry	ND	NA	NA
MW-3	6/01/22	Dry	ND	NA	NA
MW-3	9/28/22	Dry	ND	NA	NA
MW-3	12/07/22	Dry	ND	NA	NA
MW-3	3/30/23	53.19	ND	3,537.62	NA
MW-3	5/31/23	53.11	ND	3,537.70	NA
MW-3	9/27/23	53.20	ND	3,537.61	NA
MW-3	11/30/23	53.19	ND	3,537.62	NA
MW-3	3/06/24	53.17	ND	3,537.64	NA
MW-3	6/26/24	53.18	ND	3,537.63	NA
MW-3	9/04/24	Dry	ND	NA	NA
MW-3	12/03/24	Dry	ND	NA	NA
MW-3	3/05/25	53.20	ND	3,537.61	NA
MW-3	5/20/25	53.16	ND	3,537.65	NA
MW-3	9/29/25	Dry	ND	NA	NA
MW-3	12/11/25	53.20	ND	3,537.61	NA
MW-3	4/13/26	53.22	ND	3,537.59	NA
MW-4	8/07/12	47.44	ND	3,543.41	NA
MW-4	12/20/12	47.89	ND	3,542.96	NA
MW-4	6/25/13	48.27	ND	3,542.58	NA
MW-4	12/11/13	48.72	ND	3,542.13	NA
MW-4	6/19/14	49.18	ND	3,541.67	NA
MW-4	12/11/14	49.45	ND	3,541.40	NA
MW-4	3/18/15	49.61	ND	3,541.24	NA
MW-4	6/11/15	49.80	ND	3,541.05	NA
MW-4	12/16/15	49.95	ND	3,540.90	NA
MW-4	6/07/16	50.32	ND	3,540.53	NA
MW-4	12/13/16	50.38	ND	3,540.47	NA
MW-4	6/06/17	50.68	ND	3,540.17	NA
MW-4	9/20/17	50.68	ND	3,540.17	NA
MW-4	12/07/17	50.91	ND	3,539.94	NA
MW-4	3/14/18	51.02	ND	3,539.83	NA
MW-4	6/06/18	51.24	ND	3,539.61	NA
MW-4	9/24/18	51.41	ND	3,539.44	NA
MW-4	12/12/18	51.44	ND	3,539.41	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
MW-4	3/12/19	51.59	ND	3,539.26	NA
MW-4	9/20/19	51.92	ND	3,538.93	NA
MW-4	12/04/19	51.95	ND	3,538.90	NA
MW-4	3/12/20	52.06	ND	3,538.79	NA
MW-4	6/16/20	52.17	ND	3,538.68	NA
MW-4	9/16/20	52.32	ND	3,538.53	NA
MW-4	12/02/20	52.49	ND	3,538.36	NA
MW-4	3/24/21	52.66	ND	3,538.19	NA
MW-4	6/08/21	52.81	ND	3,538.04	NA
MW-4	9/22/21	52.94	ND	3,537.91	NA
MW-4	12/01/21	53.27	ND	3,537.58	NA
MW-4	3/23/22	53.28	ND	3,537.57	NA
MW-4	6/01/22	53.30	ND	3,537.55	NA
MW-4	9/28/22	53.52	ND	3,537.33	NA
MW-4	12/07/22	53.63	ND	3,537.22	NA
MW-4	3/30/23	53.77	ND	3,537.08	NA
MW-4	5/31/23	53.82	ND	3,537.03	NA
MW-4	9/27/23	53.99	ND	3,536.86	NA
MW-4	11/30/23	54.10	ND	3,536.75	NA
MW-4	3/06/24	54.19	ND	3,536.66	NA
MW-4	6/26/24	54.35	ND	3,536.50	NA
MW-4	9/04/24	54.48	ND	3,536.37	NA
MW-4	12/03/24	54.56	ND	3,536.29	NA
MW-4	3/05/25	54.71	ND	3,536.14	NA
MW-4	5/20/25	54.72	ND	3,536.13	NA
MW-4	9/29/25	54.86	ND	3,535.99	NA
MW-4	12/11/25	54.95	ND	3,535.90	NA
MW-4	4/13/26	55.13	ND	3,535.72	NA
MW-4	7/09/26	55.21	ND	3,535.64	NA
MW-5	8/07/12	48.83	ND	3,543.92	NA
MW-5	12/20/12	49.26	ND	3,543.49	NA
MW-5	6/25/13	49.64	ND	3,543.11	NA
MW-5	12/11/13	50.09	ND	3,542.66	NA
MW-5	6/19/14	50.53	ND	3,542.22	NA
MW-5	12/11/14	50.76	ND	3,541.99	NA
MW-5	3/18/15	50.99	ND	3,541.76	NA
MW-5	6/11/15	51.12	ND	3,541.63	NA
MW-5	12/17/15	51.33	ND	3,541.42	NA
MW-5	6/07/16	51.68	ND	3,541.07	NA
MW-5	12/13/16	51.76	ND	3,540.99	NA
MW-5	6/06/17	52.08	ND	3,540.67	NA
MW-5	9/20/17	52.07	ND	3,540.68	NA
MW-5	12/07/17	52.30	ND	3,540.45	NA
MW-5	3/14/18	52.38	ND	3,540.37	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
MW-5	6/06/18	52.58	ND	3,540.17	NA
MW-5	9/24/18	52.50	ND	3,540.25	NA
MW-5	12/12/18	52.54	ND	3,540.21	NA
MW-5	3/12/19	52.97	ND	3,539.78	NA
MW-5	9/20/19	53.22	ND	3,539.53	NA
MW-5	12/04/19	53.34	ND	3,539.41	NA
MW-5	3/12/20	53.40	ND	3,539.35	NA
MW-5	6/16/20	53.58	ND	3,539.17	NA
MW-5	9/16/20	53.69	ND	3,539.06	NA
MW-5	12/02/20	53.91	ND	3,538.84	NA
MW-5	3/24/21	54.05	ND	3,538.70	NA
MW-5	6/08/21	54.25	ND	3,538.50	NA
MW-5	9/22/21	54.29	ND	3,538.46	NA
MW-5	12/01/21	54.51	ND	3,538.24	NA
MW-5	3/23/22	54.60	ND	3,538.15	NA
MW-5	6/01/22	54.67	ND	3,538.08	NA
MW-5	9/28/22	54.88	ND	3,537.87	NA
MW-5	12/07/22	54.98	ND	3,537.77	NA
MW-5	3/30/23	55.15	ND	3,537.60	NA
MW-5	5/31/23	55.18	ND	3,537.57	NA
MW-5	9/27/23	55.39	ND	3,537.36	NA
MW-5	11/30/23	55.47	ND	3,537.28	NA
MW-5	3/06/24	55.55	ND	3,537.20	NA
MW-5	6/26/24	55.72	ND	3,537.03	NA
MW-5	9/04/24	55.84	ND	3,536.91	NA
MW-5	12/03/24	55.93	ND	3,536.82	NA
MW-5	3/05/25	56.06	ND	3,536.69	NA
MW-5	5/20/25	56.02	ND	3,536.73	NA
MW-5	9/26/25	56.24	ND	3,536.51	NA
MW-5	12/11/25	56.30	ND	3,536.45	NA
MW-5	4/13/26	56.50	ND	3,536.25	NA
MW-5	7/09/26	56.56	ND	3,536.19	NA
RW-1	8/07/12	51.01	48.06	3,543.19	2.95
RW-1	12/20/12	51.48	48.47	3,542.77	3.01
RW-1	6/20/13	51.65	48.89	3,542.41	2.76
RW-1	8/23/13	51.95	49.05	3,542.22	2.90
RW-1	12/11/13	49.70	49.69	3,542.36	0.01
RW-1	3/18/14	49.92	ND	3,542.13	NA
RW-1	6/19/14	50.20	50.19	3,541.86	0.01
RW-1	12/11/14	50.47	50.41	3,541.62	0.06
RW-1	3/18/15	50.73	50.60	3,541.41	0.13
RW-1	6/11/15	50.75	ND	3,541.30	NA
RW-1	8/12/15	50.93	ND	3,541.12	NA
RW-1	9/17/15	51.02	ND	3,541.03	NA

Data collected prior to April 2026 collected from prior consultant.

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ft - foot or feet

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ND - not detected

**APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO**

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
RW-1	12/17/15	50.92	ND	3,541.13	NA
RW-1	6/07/16	51.32	ND	3,540.73	NA
RW-1	9/26/16	50.98	ND	3,541.07	NA
RW-1	10/28/16	50.96	ND	3,541.09	NA
RW-1	12/13/16	51.46	ND	3,540.59	NA
RW-1	1/23/17	51.55	ND	3,540.50	NA
RW-1	2/20/17	51.65	ND	3,540.40	NA
RW-1	3/13/17	51.60	ND	3,540.45	NA
RW-1	4/20/17	51.61	ND	3,540.44	NA
RW-1	6/06/17	51.71	ND	3,540.34	NA
RW-1	9/20/17	51.79	ND	3,540.26	NA
RW-1	12/07/17	51.91	ND	3,540.14	NA
RW-1	1/24/18	52.04	51.99	3,540.05	0.05
RW-1	2/22/18	52.06	ND	3,539.99	NA
RW-1	3/14/18	52.06	ND	3,539.99	NA
RW-1	6/06/18	51.25	ND	3,540.80	NA
RW-1	9/24/18	52.48	ND	3,539.57	NA
RW-1	12/12/18	52.48	ND	3,539.57	NA
RW-1	3/12/19	52.66	52.64	3,539.40	0.02
RW-1	9/20/19	52.95	ND	3,539.10	NA
RW-1	12/04/19	53.10	ND	3,538.95	NA
RW-1	3/12/20	53.19	ND	3,538.86	NA
RW-1	6/16/20	53.30	ND	3,538.75	NA
RW-1	9/16/20	53.43	ND	3,538.62	NA
RW-1	12/02/20	53.76	ND	3,538.29	NA
RW-1	3/24/21	53.72	ND	3,538.33	NA
RW-1	6/08/21	53.78	ND	3,538.27	NA
RW-1	9/22/21	53.89	ND	3,538.16	NA
RW-1	12/01/21	54.07	ND	3,537.98	NA
RW-1	3/23/22	54.26	ND	3,537.79	NA
RW-1	6/01/22	54.35	ND	3,537.70	NA
RW-1	9/28/22	54.59	ND	3,537.46	NA
RW-1	12/07/22	54.62	ND	3,537.43	NA
RW-1	3/30/23	55.78	ND	3,536.27	NA
RW-1	5/31/23	54.85	ND	3,537.20	NA
RW-1	9/27/23	55.04	ND	3,537.01	NA
RW-1	11/30/23	55.18	ND	3,536.87	NA
RW-1	3/06/24	55.21	ND	3,536.84	NA
RW-1	6/26/24	55.41	ND	3,536.64	NA
RW-1	9/04/24	55.50	ND	3,536.55	NA
RW-1	12/03/24	55.64	ND	3,536.41	NA
RW-1	3/05/25	55.86	ND	3,536.19	NA
RW-1	5/20/25	55.75	ND	3,536.30	NA
RW-1	9/29/25	56.00	ND	3,536.05	NA

Data collected prior to April 2026 collected from prior consultant.

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ft - foot or feet

NA - not applicable

ND - not detected

APPENDIX A - HISTORICAL FLUID LEVELS
HF SINCLAIR - HOBBS TANK, HOBBS 5201, NEW MEXICO

Location	Date Measured	Depth To Water (ft-bmp)	Depth to Product (ft-bmp)	Corrected Water Elevation (ft-amsl)	Product Thickness (ft)
RW-1	12/11/25	56.05	ND	3,536.00	NA
RW-1	4/13/26	56.18	ND	3,535.87	NA
RW-1	7/09/26	56.27	ND	3,535.78	NA

Data collected prior to April 2026 collected from prior consultant.

amsl - above mean sea level

bmp - below measuring point

ft - foot or feet

NA - not applicable

ND - not detected

Appendix B

Historical Groundwater Analytical Results

APPENDIX B. HISTORICAL GROUNDWATER ANALYTICAL RESULTS

HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO

Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	Temperature (°C)	DO (mg/L)	pH (Std Units)	ORP (mV)	Conductivity (mS/cm)
HTRW-1	6/24/14	0.91	0.0891	0.0487	0.1	--	--	21.90	1.37	6.77	-108.5	1.533
HTRW-1	12/14/16	0.00197	ND(0.0003)	ND(0.0006)	0.000943	ND(0.06)	0.432	19.34	2.34	7.58	60.8	1.72
HTRW-1	6/06/17	0.774	0.00	0.0219	0.0576	1.85	0.549	21.12	1.71	6.91	71.7	1.014
HTRW-1	9/19/17	1.62	0.0	0.0761	0.0826	2.88	1.23	21.7	1.7	6.93	-45.4	0.693
HTRW-1	3/14/18	0.102	ND(0.001)	ND(0.002)	0.00816	0.360	ND(0.0754)	20.6	1.92	7.23	-11.5	0.892
HTRW-1	6/05/18	0.163	0.00203	0.0	0.0342	1.40	2.17	22.1	1.87	6.89	22.3	0.989
HTRW-1	9/24/18	0.0114	ND(0.003)	0.00	0.000564	0.109	0.406	21.6	1.98	6.92	11.6	1.106
HTRW-1	12/12/18	0.377	0.00107	0.0	0.0207	1.15	0.240	19.03	2.12	7.01	22.9	0.979
HTRW-1	3/12/19	0.0288	ND(0.003)	0.0	0.00348	0.139	0.154	20.8	2.04	7.18	10.6	0.979
HTRW-1	9/20/19	0.0424	0.000413	0.00	0.00384	0.318	0.263	21.6	1.96	6.98	-22	0.889
HTRW-1	12/04/19	0.0575	0.000559	0.01	0.00827	0.118	ND(0.148)	19.2	1.88	7.01	9.66	1.021
HTRW-1	3/12/20	0.00228	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.222	20.6	1.92	7.26	60.5	0.926
HTRW-1	6/16/20	0.0706	0.001	0.0	0.00446	0.116	0.288	23.4	2.01	7.33	44.6	1.115
HTRW-1	9/16/20	0.135	0.000382	0.0	0.00986	0.308	ND(0.149)	22.7	1.94	7.45	10.8	1.226
HTRW-1	12/02/20	0.626	0.00	0.1	0.1	1.79	0.256	21.2	1.87	7.33	35.6	1.101
HTRW-1	3/24/21	0.849	0.00	0	0.1	2.36	0.204	20.8	2.11	7.26	54.8	0.966
HTRW-1	6/08/21	0.765	0.00	0.1	0.0	1.70	ND(0.147)	22.3	2.02	7.11	44.7	1.074
HTRW-1	9/22/21	0.0012	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.551)	23.1	1.92	7.2	60.6	1.226
HTRW-1	12/01/21	0.0025	ND(0.001)	0.0104	ND(0.002)	ND(0.06)	ND(0.152)	22.8	2.33	7.19	55.8	1.119
HTRW-1	3/23/22	0.5850	0.0	0.0183	0.0	1.28	ND(0.153)	20.4	1.09	7.06	10.2	1.228
HTRW-1	6/01/22	0.0015	ND(0.001)	0.00138	ND(0.002)	ND(0.06)	ND(0.151)	21.6	1.12	7.21	22.3	1.387
HTRW-1	9/28/22	0.0004	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.321	22.9	2.13	7.18	54.3	1.438
HTRW-1	12/07/22	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.149)	--	--	--	--	--
HTRW-1	3/31/23	0.0215	0.00	0.00858	0.00286	0.223	0.285	--	--	--	--	--
HTRW-1	5/31/23	0.0105	0.000728	0.01	0.00109	0.129	ND(0.149)	--	--	--	--	--
HTRW-1	9/27/23	0.0046	ND(0.001)	0.00198	0.000332	0.081	ND(0.148)	--	--	--	--	--
HTRW-1	11/30/23	0.0035	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.151)	--	--	--	--	--
HTRW-1	3/06/24	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.148	--	--	--	--	--
HTRW-1	6/26/24	0.001	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.148)	21.4	2.68	7.52	226	1.05
HTRW-1	9/04/24	0.002	ND(0.001)	0.00121	ND(0.002)	ND(0.06)	ND(0.147)	18.6	1.94	6.75	206	1.99
HTRW-1	12/03/24	0.0044	0.00035	0.00173	ND(0.002)	0.065	ND(0.15)	--	--	--	--	--
HTRW-1	3/05/25	0.001	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.0347)	0.443	18.31	2.51	6.99	134.5	1.037
HTRW-1	5/20/25	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.0228)	ND(0.148)	18.43	7.54	5.67	81.5	0.135
HTRW-1	9/29/25	0.00578	ND(0.001)	0.00202	ND(0.001)	ND(0.06)	ND(0.149)	18.34	2.08	4.51	84.3	1.14
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA	NA	NA	NA	NA	NA

APPENDIX B. HISTORICAL GROUNDWATER ANALYTICAL RESULTS												
HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO												
Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	Temperature (°C)	DO (mg/L)	pH (Std Units)	ORP (mV)	Conductivity (mS/cm)
HTRW-1	12/11/25	0.0106	ND(0.0003)	0.0023	ND(0.0003)	ND(0.06)	0.2	14.94	1.7	7.3	-294.5	1.028
HTRW-1	4/13/26	0.0132	0.000697	0.00381	0.000894	0.156	0.151	20.8	0.513	6.966	163.6	1.319
HTRW-1 Dup	4/13/26	0.0162	0.000818	0.00453	0.00109	0.131	0.123	--	--	--	--	--
HTRW-1	7/09/26	0.0788	0.00163	0.0136	0.00243	0.351	ND(0.2)	20.62	--	7.07	--	1.62
HTRW-1 Dup	7/09/26	0.0493	0.00113	0.0123	0.00155	0.323	0.197	--	--	--	--	--
HTRW-2	6/25/13	0.0623	0.0044	0.0214	0	--	--	21.7	2.8	6.81	180.2	1.233
HTRW-2	12/11/13	0.53	0.0124	0.0359	0.0334	--	--	20.08	1.07	7.34	-2	1.43
HTRW-2	6/24/14	0.748	0.0592	0.0476	0.1	--	--	19.88	0.68	6.86	-128.9	1.536
HTRW-2	12/11/14	0.722	0.0364	0.135	0	2	0.253	17.13	0.41	6.67	-89.1	1.444
HTRW-2	6/11/15	0.875	0.0353	0.0287	0	1.24	0.354	21.95	2.82	6.06	-43.3	1.937
HTRW-2	12/16/15	0.503	0.0189	ND(0.02)	ND(0.01)	1.01	0.144	17.01	0.69	7.07	-69.4	1.523
HTRW-2	6/09/16	0.863	0.0606	0.00635	0.00687	2.03	1.05	--	--	--	--	--
HTRW-2	12/14/16	0.322	0.0333	0.00732	0.00566	0.128	0.461	18.65	1.39	7.73	10.1	1.732
HTRW-2	6/06/17	0.342	0.00281	0.00405	0	0.901	0.332	18.81	4.62	6.75	107.4	1.035
HTRW-2	7/09/26	0.0211	0.00392	0.00194	0.00672	1.21	0.361	19.79	--	7.02	--	1.4
HTRW-3	6/24/14	3.09	0.45	1.22	0.52	--	--	21.17	0.75	6.7	-160.1	1.56
HTRW-3	12/11/14	3.76	0.466	1.75	0.632	12.2	1.31	17.26	0.33	6.59	-209.1	1.684
HTRW-3	7/09/26	0.103	0.00148	0.0345	0.0397	0.951	0.739	20.33	--	7.17	--	1.23
HTRW-4	6/25/13	0.0874	0.0325	0.0494	0.0528	--	--	22.3	2.04	6.87	190.9	0.96
HTRW-4	12/11/13	0.951	0.1	0.157	0	--	--	20.41	0.95	7.5	-144	1.44
HTRW-4	6/24/14	1.72	0	0.698	0.436	--	--	21.9	1.16	7.01	-96.1	1.751
HTRW-4	12/11/14	1.59	0	0.288	0.277	4.03	0.643	16.54	0.15	6.81	-190.5	1.581
HTRW-4	6/11/15	1.49	0	0.0292	0.0299	2.16	0.365	23.87	0.68	6.92	-183.2	1.486
HTRW-4	6/09/16	0.834	0.0359	0.0117	0.0178	1.6	1.1	22.27	1.93	6.78	-117	1.559
HTRW-4	12/14/16	3.8	0.0162	0.0296	0.0461	1.31	0.951	19.01	1.48	7.96	-74.01	1.937
HTRW-4	6/06/17	0.564	0.00362	0.01	0.0578	1.97	0.736	18.92	1.77	6.97	-50.9	1.092
HTRW-4	7/09/26	0.0293	ND(0.001)	0.00125	0.00328	0.449	0.253	20.25	--	7.3	--	1.49
MW-2	8/23/04	0.026	0.005	0.004	0.014	--	--	--	--	--	--	--
MW-2	1/11/05	0.072	0.000002	0.000002	0.00015	--	--	--	--	--	--	--
MW-2	3/08/06	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.006)	--	--	--	--	--	--	--
MW-2	7/11/06	0.0	ND(0.002)	ND(0.002)	0.016	--	--	--	--	--	--	--
MW-2	9/07/06	0.0042	ND(0.0005)	0.0019	0.0032	--	--	--	--	--	--	--
MW-2	12/19/06	0.0021	0.0009	0.0	0.0043	--	--	--	--	--	--	--
MW-2	3/13/07	ND(0.0005)	0.0012	0.0006	0.0023	--	--	--	--	--	--	--
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA	NA	NA	NA	NA	NA

APPENDIX B. HISTORICAL GROUNDWATER ANALYTICAL RESULTS

HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO

Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	Temperature (°C)	DO (mg/L)	pH (Std Units)	ORP (mV)	Conductivity (mS/cm)
MW-2	6/21/07	0.0008	ND(0.0005)	0.0007	0.0038	--	--	--	--	--	--	--
MW-2	9/21/07	0.0014	ND(0.0005)	0.0011	0.0032	--	--	--	--	--	--	--
MW-2	12/07/07	0.0014	0.0009	0.0	0.0035	--	--	--	--	--	--	--
MW-2	3/04/08	0.0014	0.0018	0.0008	0.0033	--	--	--	--	--	--	--
MW-2	6/03/08	0.0017	0.0015	0.0009	0.0021	--	--	--	--	--	--	--
MW-2	9/23/08	0.0012	0.0006	ND(0.0005)	0.0038	--	--	--	--	--	--	--
MW-2	12/18/08	0.0	ND(0.0005)	0.0008	0.0012	--	--	--	--	--	--	--
MW-2	3/16/09	0.0009	ND(0.0005)	0.0007	0.0029	--	--	--	--	--	--	--
MW-2	6/23/09	0.0012	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-2	9/08/09	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-2	12/17/09	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-2	3/09/10	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0015)	--	--	--	--	--	--	--
MW-2	6/16/10	ND(0.001)	ND(0.001)	ND(0.001)	0.0025	--	--	--	--	--	--	--
MW-2	9/01/10	0.0	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-2	12/06/10	0.0016	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-2	3/18/11	0.0013	0.014	ND(0.001)	0.0029	--	--	--	--	--	--	--
MW-2	6/23/11	0.0011	0.026	ND(0.001)	0.0032	--	--	--	--	--	--	--
MW-2	10/07/11	0.0012	0.014	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-2	12/08/11	0.0014	0.0057	ND(0.001)	0.0036	--	--	--	--	--	--	--
MW-2	8/07/12	ND(0.001)	ND(0.0005)	ND(0.005)	ND(0.015)	--	--	30.34	0.05	6.48	-125.9	1.615
MW-2	12/20/12	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	--	--	17.51	0.74	6.85	-254.0	1.094
MW-2	6/25/13	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	--	--	22.10	0.30	6.76	-60.6	1.249
MW-2	12/11/13	0.00102	ND(0.001)	ND(0.002)	ND(0.002)	--	--	21.11	1.51	7.14	-117.0	1.27
MW-2	6/25/14	ND(0.001)	ND(0.001)	ND(0.002)	0.00143	--	--	19.94	1.19	6.89	-66.5	1.078
MW-2	12/11/14	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.5)	0.534	18.67	0.58	6.60	-102.3	1.192
MW-2	6/11/15	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.1)	0.337	35.49	2.20	6.75	-100.1	1.265
MW-2	12/16/15	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	0.141	0.678	18.56	0.75	6.94	-76.7	1.274
MW-2	6/09/16	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.06)	5.53	20.52	2.80	6.63	29.0	4.885
MW-2	12/14/16	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	0.097	5.53	18.90	2.37	7.61	-72.8	2.171
MW-2	6/06/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.105	4.98	22.15	1.85	6.85	-55.9	1.549
MW-2	9/19/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.093	2.74	22.80	0.96	6.71	-71.3	1.627
MW-2	12/06/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.795	19.01	1.21	7.01	-44.3	2.887
MW-2	3/14/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.101	1.91	21,11	0.98	6.87	-13.3	1.403
MW-2	6/05/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.140	1.89	22.85	1.07	6.93	-56.2	1.787
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA	NA	NA	NA	NA	NA

APPENDIX B. HISTORICAL GROUNDWATER ANALYTICAL RESULTS												
HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO												
Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	Temperature (°C)	DO (mg/L)	pH (Std Units)	ORP (mV)	Conductivity (mS/cm)
MW-2	9/24/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	2.33	22.55	1.57	7.16	-33.6	2.011
MW-2	12/12/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	2.56	19.83	1.33	7.22	-39.0	2.334
MW-2	3/12/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.091	--	20.04	1.04	7.07	-60.8	1.906
MW-2	9/20/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	--	21.66	1.26	6.96	-26.3	2.112
MW-2	12/04/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	--	19.92	1.11	7.12	-45.6	1.883
MW-3	8/23/04	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.006)	--	--	--	--	--	--	--
MW-3	1/11/05	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.006)	--	--	--	--	--	--	--
MW-3	3/08/06	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.006)	--	--	--	--	--	--	--
MW-3	7/11/06	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.006)	--	--	--	--	--	--	--
MW-3	9/07/06	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	12/19/06	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	3/13/07	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	6/21/07	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	9/21/07	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	12/07/07	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	3/04/08	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	6/03/08	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	9/23/08	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	12/18/08	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	3/16/09	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	--	--	--	--	--	--	--
MW-3	6/23/09	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	9/08/09	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	12/17/09	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	3/09/10	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.0015)	--	--	--	--	--	--	--
MW-3	6/16/10	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	9/01/10	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	12/06/10	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	3/18/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	6/23/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	10/07/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	12/08/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-3	8/07/12	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.015)	--	--	30.29	0.72	5.80	109.3	1.875
MW-3	12/20/12	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	17.39	1.28	6.87	-269.0	1.108
MW-3	6/25/13	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	20.80	1.98	6.60	204.9	1.453
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA	NA	NA	NA	NA	NA

APPENDIX B. HISTORICAL GROUNDWATER ANALYTICAL RESULTS												
HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO												
Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	Temperature (°C)	DO (mg/L)	pH (Std Units)	ORP (mV)	Conductivity (mS/cm)
MW-3	12/11/13	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	19.80	4.40	6.76	152.0	1.540
MW-3	6/24/14	ND(0.001)	ND(0.001)	ND(0.001)	0.00161	--	--	22.28	2.94	6.78	0.2	1.242
MW-3	12/11/14	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.1)	0.135	17.74	2.51	6.66	69.0	1.196
MW-3	6/11/15	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.1)	ND(0.1)	24.41	1.10	6.63	27.7	1.240
MW-3	12/16/15	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.1)	ND(0.102)	16.75	2.22	6.86	126.0	1.229
MW-3	6/09/16	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.06)	ND(0.08)	25.68	2.17	7.79	36.8	1.227
MW-3	12/14/16	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.06)	0.262	19.92	2.16	7.61	46.7	1.767
MW-3	6/06/17	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.358	23.66	3.80	6.93	64.5	1.109
MW-3	9/19/17	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.122	19.70	1.87	6.66	137.8	1.213
MW-3	12/06/17	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.073	0.668	17.60	1.62	6.79	76.5	1.102
MW-3	3/14/18	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.184	20.30	1.97	7.01	89.3	1.206
MW-3	6/05/18	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.100	0.221	24.89	2.69	6.92	111.2	1.369
MW-3	9/24/18	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.220	22.96	2.07	7.18	102.3	1.308
MW-3	12/12/18	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.224	20.13	1.85	6.88	91.2	1.198
MW-3	3/12/19	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.164	20.65	1.98	7.12	110.0	1.306
MW-3	9/20/19	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.225	21.87	2.11	7.44	88.6	1.398
MW-3	12/04/19	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.203	19.92	1.89	7.59	101.6	1.265
MW-3	3/12/20	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.190	20.86	2.02	7.02	78.7	1.065
MW-3	6/16/20	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.151	23.88	2.88	7.33	99.2	1.309
MW-3	9/16/20	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	0.222	22.64	1.76	7.24	120.6	1.562
MW-3	12/02/20	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.06)	--	20.03	1.85	7.12	110.6	1.112
MW-4	6/16/10	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-4	9/01/10	0.0033	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-4	12/06/10	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-4	3/18/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-4	6/23/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-4	10/07/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-4	12/08/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-4	8/07/12	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.015)	--	--	28.73	0.12	6.45	1.3	1.457
MW-4	12/20/12	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	--	--	18.18	0.61	6.83	-238.0	1.149
MW-4	6/25/13	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	--	--	21.30	0.14	6.70	129.8	1.306
MW-4	12/11/13	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	--	--	20.75	1.26	7.20	-2.0	1.32
MW-4	6/24/14	0.00107	ND(0.001)	ND(0.002)	ND(0.001)	--	--	22.22	1.07	6.75	-13.3	1.168
MW-4	12/11/14	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.1)	1.72	18.59	0.15	6.35	64.5	8.387
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA	NA	NA	NA	NA	NA

APPENDIX B. HISTORICAL GROUNDWATER ANALYTICAL RESULTS												
HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO												
Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	Temperature (°C)	DO (mg/L)	pH (Std Units)	ORP (mV)	Conductivity (mS/cm)
MW-4	6/11/15	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.1)	2.81	28.13	3.14	6.61	44.6	8.394
MW-4	12/16/15	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.1)	2.66	18.80	0.60	6.91	86.2	6.176
MW-4	6/09/16	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.06)	3.22	27.40	2.59	6.99	1.6	2.949
MW-4	12/14/16	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.06)	2.37	19.14	2.29	7.74	53.1	4.317
MW-4	6/06/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	1.50	22.60	0.42	6.98	71.9	1.68
MW-4	9/19/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	1.73	21.70	1.94	6.91	23.5	2.014
MW-4	12/06/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	1.79	18.10	0.89	7.16	11.3	1.751
MW-4	3/14/18	0.00331	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.357	20.60	1.23	6.77	55.4	2.342
MW-4	6/05/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.092	0.329	24.50	2.65	6.82	68.6	2.867
MW-4	9/24/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.200	23.65	1.86	7.04	75.6	2.436
MW-4	12/12/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.098	19.26	1.21	6.94	29.2	1.982
MW-4	3/12/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.061	0.101	20.88	1.77	7.06	56.0	2.467
MW-4	9/20/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.183	23.67	2.43	6.98	42.3	2,223
MW-4	12/04/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.15)	20.11	1.63	7.11	32.0	2.116
MW-4	3/12/20	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.146)	21.60	1.92	6.89	43.6	2.228
MW-4	6/16/20	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.147)	23.66	2.11	7.21	65.6	2.549
MW-4	9/16/20	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.149)	22.96	2.06	7.01	43.8	2.011
MW-4	12/02/20	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.151)	21.04	1.88	6.92	65.4	2.198
MW-4	3/24/21	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.151)	20.35	2.33	7.16	76.4	3.445
MW-4	12/01/21	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.179	19.88	2.10	7.16	88.4	3.226
MW-4	6/01/22	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.162)	20.97	1.92	7.07	90.8	2.559
MW-4	9/28/22	--	--	--	--	--	--	21.05	2.33	7.12	90.8	3.112
MW-4	12/07/22	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.157)	--	--	--	--	--
MW-4	5/31/23	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.152)	--	--	--	--	--
MW-4	9/27/23	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.149)	--	--	--	--	--
MW-4	6/26/24	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.156)	--	--	--	--	--
MW-4	9/04/24	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.166	18.82	0.19	6.67	169.80	--
MW-4	5/20/25	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.0228)	0.193	18.71	0.59	5.51	63.60	18.71
MW-4	9/29/25	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.06)	0.702	18.62	0.92	4.79	104.70	1.35
MW-4	7/09/26	0.00104	ND(0.001)	0.000395	ND(0.003)	ND(1)	0.703	21.19	--	6.98	--	1.65
MW-5	3/18/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-5	6/23/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-5	10/07/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
MW-5	12/08/11	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	--	--	--	--	--	--	--
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA	NA	NA	NA	NA	NA

APPENDIX B. HISTORICAL GROUNDWATER ANALYTICAL RESULTS

HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO

Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	Temperature (°C)	DO (mg/L)	pH (Std Units)	ORP (mV)	Conductivity (mS/cm)
MW-5	8/07/12	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.015)	--	--	27.30	4.84	6.01	115.9	0.775
MW-5	12/20/12	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	--	--	17.49	4.70	7.04	-187.0	0.633
MW-5	6/25/13	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	--	--	22.20	4.60	6.63	181.1	0.848
MW-5	12/11/13	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	--	--	19.35	4.79	7.37	86.0	0.801
MW-5	6/25/14	ND(0.001)	ND(0.001)	ND(0.002)	0.00113	--	--	20.39	3.54	6.91	39.2	0.782
MW-5	12/11/14	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.1)	ND(0.102)	18.61	6.35	6.11	103.6	0.888
MW-5	6/11/15	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.1)	ND(0.1)	29.58	6.63	6.72	40.4	0.882
MW-5	12/16/15	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.1)	0.115	17.09	5.79	7.16	129.1	0.910
MW-5	6/09/16	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.06)	ND(0.08)	26.69	6.03	6.55	59.9	1.099
MW-5	12/14/16	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.06)	0.194	19.03	5.93	7.72	79.5	1.361
MW-5	6/06/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.162	19.10	5.75	6.78	127.2	0.905
MW-5	9/19/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.132	20.70	4.04	6.81	59.8	1.001
MW-5	12/06/17	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.425	17.90	3.92	7.08	33.2	0.768
MW-5	3/14/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.0756)	20.10	4.11	6.76	65.4	0.901
MW-5	6/05/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.081	0.155	25.60	4.76	6.96	123.0	1.162
MW-5	9/24/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.111	24.66	3.88	7.24	102.2	0.913
MW-5	12/12/18	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.157	18.87	4.23	7.11	55.6	1.012
MW-5	3/12/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.178	20.18	3.65	7.02	88.0	1.123
MW-5	9/20/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.223	23.98	4.11	7.16	112.0	0.889
MW-5	12/04/19	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.171	20.18	3.97	7.02	99.6	0.987
MW-5	3/12/20	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.235	21.20	4.01	7.11	102.0	1.115
MW-5	6/16/20	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.148)	23.40	4.26	6.92	123.0	1.233
MW-5	9/16/20	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.156	21.96	3.84	7.27	89.6	1.002
MW-5	12/02/20	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.178	20.86	2.96	7.08	112.0	1.246
MW-5	3/24/21	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	0.281	21.22	3.03	7.03	98.7	1.388
MW-5	12/01/21	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.147)	20.86	3.24	7.18	119.0	0.998
MW-5	6/01/22	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.159)	21.44	2.94	7.23	102.0	1.234
MW-5	9/28/22	--	--	--	--	--	--	22.03	3.12	7.07	122.1	1.488
MW-5	12/07/22	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.147)	--	--	--	--	--
MW-5	5/31/23	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	0.113	ND(0.153)	--	--	--	--	--
MW-5	9/27/23	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.151)	--	--	--	--	--
MW-5	6/26/24	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.153)	--	--	--	--	--
MW-5	9/04/24	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.06)	ND(0.149)	18.56	7.33	6.92	181.90	9.35
MW-5	5/20/25	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.0227)	ND(0.146)	18.38	6.43	5.67	81.50	0.74
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA	NA	NA	NA	NA	NA

APPENDIX B. HISTORICAL GROUNDWATER ANALYTICAL RESULTS

HF SINCLAIR - HOBBS TANK 5201, HOBBS, NEW MEXICO

Location	Sample Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes, Total (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	Temperature (°C)	DO (mg/L)	pH (Std Units)	ORP (mV)	Conductivity (mS/cm)
MW-5	9/29/25	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.06)	ND(0.151)	18.25	7.15	4.54	91.50	0.84
MW-5	7/09/26	0.00235	ND(0.001)	0.00571	0.000509	ND(0.1)	ND(0.1)	20.84	--	7.13	--	1.16
RW-1	9/27/23	0.0773	0.00158	0.0244	0.023	ND(0.06)	0.697	--	--	--	--	--
RW-1	7/09/26	0.496	0.0201	0.161	0.107	2.74	0.337	20.85	--	7.02	--	1.31
2004 NMWQCC Groundwater Standard		0.01	0.75	0.75	0.62	NA	NA	NA	NA	NA	NA	NA

Data collected prior to April 2026 collected from prior consultant.
-- - data not available
°C - degrees Celsius
DO - dissolved oxygen
DRO - diesel range organics
GRO - gasoline range organics
mg/L - milligrams per Liter
mS/cm - millisiemens per centimeter
mV - millivolts
NA - not applicable
ND(X) - not detected at reporting limit, X
NMWQCC - New Mexico Water Quality Control Commission
ORP - oxygen reduction potential
Std Units - standard units
TPH - total petroleum hydrocarbons

Appendix C

Redevelopment Activity Field Forms



MONITORING WELL DEVELOPMENT LOG

 Well ID: HTRW-1
 Well Diameter (in): 4

Field Personnel: LH&DM Depth to Water (ft): 52.39 Development Equipment: 4 in Developer
 Date: 7/7/26 Total Depth Pre-Development (ft): 60.25
 Client: HF Sinclair Standing Water Column (ft): 7.86
 Project: Hobbs Station One Casing Volume (gal): 5.132 Purging Equipment: Vac Truck
 Project Task: HFSN-026-0003 Minimum Gallons to Purge (gal)
 Start Time: 14:30 (10 Casing Volumes): 51.32
 End Time: 10:15 7/8/26 Total Depth Post-Development (ft): 60.03 Water Level Equipment: Interface probe

Notes:

Development surging should be down fast, care taken to not hit well bottom, and up slow.
 Upward surging speed should not exceed 1/2 foot per second, or screen collapse may occur.

Casing Diameter (in)	Gallons Per Foot
2	0.163
4	0.653
5	1.020
6	1.469

Pre-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Completed
X	NO	Light brown/silty	52.39	Yes

Post-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Results
51.32	Yes	Clear	52.32	All fines removed.



MONITORING WELL DEVELOPMENT LOG

 Well ID: HTRW-2
 Well Diameter (in): 4

Field Personnel: LH + DM Depth to Water (ft): 51.61 Development Equipment: 4 in Developer
 Date: 7/8/2026 Total Depth Pre-Development (ft): 58.29
 Client: HFSinclore Standing Water Column (ft): 6.68
 Project: HFSIN-026-0003 One Casing Volume (gal): 43.4 Purging Equipment: Monsoon Pump
 Project Task: Hobbs station Minimum Gallons to Purge (gal)
 Start Time: 12:50 (10 Casing Volumes): 43.4
 End Time: 15:00 Total Depth Post-Development (ft): 58.35 Water Level Equipment: Interface probe

Notes:

Development surging should be down fast, care taken to not hit well bottom, and up slow.
 Upward surging speed should not exceed 1/2 foot per second, or screen collapse may occur.

Casing Diameter (in)	Gallons Per Foot
2	0.163
4	0.653
5	1.020
6	1.469

Pre-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Completed
X	NO	Light brown, slight HC odor.	51.61	Yes

Post-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Results
43.4	Yes	Clear	51.56	All fines removed



MONITORING WELL DEVELOPMENT LOG

Well ID: HTRW-3
Well Diameter (in): 4

Field Personnel: LH + DM
Date: 7/7/26
Client: HFSW
Project: Hobbs Station
Project Task: _____
Start Time: 10:00
End Time: _____

Depth to Water (ft): 52.87 / 52.86
Total Depth Pre-Development (ft): 59.18
Standing Water Column (ft): 6.32
One Casing Volume (gal): 4.12
Minimum Gallons to Purge (gal)
(10 Casing Volumes): 41.26
Total Depth Post-Development (ft): 58.36

Development Equipment: Vac Truck
4 in Developer
Purging Equipment: Vac Truck
Water Level Equipment: Interface probe

Notes:

Development surging should be down fast, care taken to not hit well bottom, and up slow.
Upward surging speed should not exceed 1/2 foot per second, or screen collapse may occur.

Casing Diameter (in)	Gallons Per Foot
2	0.163
4	0.653
5	1.020
6	1.469

Pre-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Completed
X	Yes	Light brown	52.87	Yes

Post-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Results
41.26	Yes	clear	52.86	All fines removed.



MONITORING WELL DEVELOPMENT LOG

 Well ID: HTW-4
 Well Diameter (in): 4

 Field Personnel: LH+DM
 Date: 7/8/26
 Client: HF Sinclair
 Project: Hobbs Station
 Project Task: HESIN-026-0003
 Start Time: 10:15
 End Time: 12:50

 Depth to Water (ft): 52.66
 Total Depth Pre-Development (ft): 59.02
 Standing Water Column (ft): 6.36
 One Casing Volume (gal): 4.134
 Minimum Gallons to Purge (gal)
 (10 Casing Volumes): 41.34
 Total Depth Post-Development (ft): 60.01
Development Equipment: 4 in DeveloperPurging Equipment: Monsoon PumpWater Level Equipment: Interface probe

Notes:

Development surging should be down fast, care taken to not hit well bottom, and up slow.
 Upward surging speed should not exceed 1/2 foot per second, or screen collapse may occur.

Casing Diameter (in)	Gallons Per Foot
2	0.163
4	0.653
5	1.020
6	1.469

Pre-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Completed
X	no	Light brown to gray, slight HC odor	52.66	Yes

Post-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Results
41.34	yes	Clear	52.85	All fines removed



MONITORING WELL DEVELOPMENT LOG

 Well ID: MW-4
 Well Diameter (in): 2-in

 Field Personnel: LH+DM
 Date: 7/8/2026
 Client: HE Sinclair
 Project: Hobbs Station
 Project Task: HFSM-026-0003
 Start Time: 13:40
 End Time: 15:00

 Depth to Water (ft): 55.21
 Total Depth Pre-Development (ft): 62.65
 Standing Water Column (ft): 7.44
 One Casing Volume (gal): 1.21
 Minimum Gallons to Purge (gal)
 (10 Casing Volumes): 12.1
 Total Depth Post-Development (ft): 64.77

 Development Equipment: 2-in Developer
 Purging Equipment: Monsoon Pump
 Water Level Equipment: Interface probe

Notes:

Development surging should be down fast, care taken to not hit well bottom, and up slow.
 Upward surging speed should not exceed 1/2 foot per second, or screen collapse may occur.

Casing Diameter (in)	Gallons Per Foot
2	0.163
4	0.653
5	1.020
6	1.469

Pre-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Completed
X	No	light brown, silty	55.21	Yes

Post-Development

Amount Purged (gal)	Hard Bottom (Yes/No)	Visual Observations (clear/cloudy, color, odor, etc.)	Water Level (ft)	Development Results
12	Yes	Clear to cloudy	55.21	Most fines removed

Appendix D

Analytical Laboratory Report



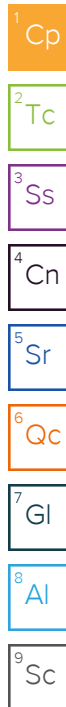
ANALYTICAL REPORT

July 16, 2026

Trihydro Corporation - Fort Collins, CO

Sample Delivery Group: L1993760
Samples Received: 07/10/2026
Project Number: HFSIN-026-0003
Description: Hobbs Tank Farm

Report To: Logan Harsh
2400 Midpoint Drive
Suite 170
Fort Collins, CO 80525



Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "Courtney Governor".

Courtney Governor
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 mydata.pacelabs.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
HTRW-1 L1993760-01	6	
HTRW-2 L1993760-02	7	⁴ Cn
HTRW-3 L1993760-03	8	⁵ Sr
HTRW-4 L1993760-04	9	
RW-1 L1993760-05	10	⁶ Qc
MW-4 L1993760-06	11	
MW-5 L1993760-07	12	⁷ Gl
DUP-01-20260709 L1993760-08	13	⁸ Al
FB-01-20260709 L1993760-09	14	
TRIP BLANK L1993760-10	15	⁹ Sc
Qc: Quality Control Summary	16	
Volatile Organic Compounds (GC) by Method 8015D	16	
Volatile Organic Compounds (GC/MS) by Method 8260D	19	
Semi-Volatile Organic Compounds (GC) by Method 8015D	23	
Gl: Glossary of Terms	24	
Al: Accreditations & Locations	25	
Sc: Sample Chain of Custody	26	

HTRW-1 L1993760-01

				Collected by Logan Harsh	Collected date/time 07/09/26 09:07	Received date/time 07/10/26 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791504	1	07/12/26 18:02	07/12/26 18:02	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2790903	1	07/11/26 17:15	07/11/26 17:15	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	2	07/14/26 07:13	07/14/26 18:16	SN	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

HTRW-2 L1993760-02

				Collected by Logan Harsh	Collected date/time 07/09/26 10:52	Received date/time 07/10/26 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2792784	1	07/14/26 22:18	07/14/26 22:18	GMV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2790903	1	07/11/26 17:35	07/11/26 17:35	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	1	07/14/26 07:13	07/14/26 18:36	SN	Mt. Juliet, TN

HTRW-3 L1993760-03

				Collected by Logan Harsh	Collected date/time 07/09/26 11:44	Received date/time 07/10/26 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791504	1	07/12/26 18:22	07/12/26 18:22	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2790903	1	07/11/26 17:56	07/11/26 17:56	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2792409	5	07/14/26 13:13	07/14/26 13:13	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	1	07/14/26 07:13	07/14/26 18:56	SN	Mt. Juliet, TN

HTRW-4 L1993760-04

				Collected by Logan Harsh	Collected date/time 07/09/26 10:14	Received date/time 07/10/26 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791504	1	07/12/26 18:42	07/12/26 18:42	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2791258	1	07/12/26 02:11	07/12/26 02:11	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	1	07/14/26 07:13	07/15/26 13:55	SLA	Mt. Juliet, TN

RW-1 L1993760-05

				Collected by Logan Harsh	Collected date/time 07/09/26 12:49	Received date/time 07/10/26 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791504	1	07/12/26 19:03	07/12/26 19:03	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2791258	1	07/12/26 02:34	07/12/26 02:34	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2793607	20	07/15/26 21:46	07/15/26 21:46	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	1	07/14/26 07:13	07/14/26 19:36	SN	Mt. Juliet, TN

MW-4 L1993760-06

				Collected by Logan Harsh	Collected date/time 07/09/26 13:55	Received date/time 07/10/26 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791504	10	07/12/26 20:03	07/12/26 20:03	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2791258	1	07/12/26 02:58	07/12/26 02:58	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2793607	1	07/15/26 20:49	07/15/26 20:49	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	1	07/14/26 07:13	07/14/26 19:56	SN	Mt. Juliet, TN

MW-5 L1993760-07

Collected by
Logan Harsh

Collected date/time
07/09/26 14:40

Received date/time
07/10/26 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791826	1	07/13/26 16:22	07/13/26 16:22	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2791258	1	07/12/26 03:21	07/12/26 03:21	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2793607	1	07/15/26 21:08	07/15/26 21:08	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	1	07/14/26 07:13	07/14/26 20:16	SN	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

DUP-01-20260709 L1993760-08

Collected by
Logan Harsh

Collected date/time
07/09/26 00:00

Received date/time
07/10/26 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791826	1	07/13/26 16:42	07/13/26 16:42	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2791258	1	07/12/26 03:44	07/12/26 03:44	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	2	07/14/26 07:13	07/14/26 20:36	SN	Mt. Juliet, TN

FB-01-20260709 L1993760-09

Collected by
Logan Harsh

Collected date/time
07/09/26 16:00

Received date/time
07/10/26 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791826	1	07/13/26 13:00	07/13/26 13:00	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2791258	1	07/12/26 01:47	07/12/26 01:47	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	1	07/14/26 07:13	07/14/26 20:56	SN	Mt. Juliet, TN

TRIP BLANK L1993760-10

Collected by
Logan Harsh

Collected date/time
07/09/26 08:00

Received date/time
07/10/26 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2791826	1	07/13/26 12:19	07/13/26 12:19	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2791258	1	07/12/26 01:00	07/12/26 01:00	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2791326	1	07/14/26 07:13	07/14/26 21:16	SN	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.



Courtney Governor
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 07/09/26 09:07

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.351	B	0.0594	0.100	1	07/12/2026 18:02	WG2791504
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	98.1			78.0-120		07/12/2026 18:02	WG2791504

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0788		0.000320	0.00100	1	07/11/2026 17:15	WG2790903
Toluene	0.0136		0.000274	0.00100	1	07/11/2026 17:15	WG2790903
Ethylbenzene	0.00163		0.000234	0.00100	1	07/11/2026 17:15	WG2790903
Total Xylenes	0.00243	J	0.000319	0.00300	1	07/11/2026 17:15	WG2790903
(S) <i>Toluene-d8</i>	91.3			80.0-120		07/11/2026 17:15	WG2790903
(S) <i>4-Bromofluorobenzene</i>	81.2			77.0-126		07/11/2026 17:15	WG2790903
(S) <i>1,2-Dichloroethane-d4</i>	142	J1		70.0-130		07/11/2026 17:15	WG2790903

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.121	0.200	2	07/14/2026 18:16	WG2791326
(S) <i>o</i> -Terphenyl	82.6			52.0-156		07/14/2026 18:16	WG2791326

Sample Narrative:

L1993760-01 WG2791326: Dilution due to matrix impact during extraction procedure.

Collected date/time: 07/09/26 10:52

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.21		0.0594	0.100	1	07/14/2026 22:18	WG2792784
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	88.0			78.0-120		07/14/2026 22:18	WG2792784

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0211		0.000320	0.00100	1	07/11/2026 17:35	WG2790903
Toluene	0.00194		0.000274	0.00100	1	07/11/2026 17:35	WG2790903
Ethylbenzene	0.00392		0.000234	0.00100	1	07/11/2026 17:35	WG2790903
Total Xylenes	0.00672		0.000319	0.00300	1	07/11/2026 17:35	WG2790903
(S) Toluene-d8	73.4	J2		80.0-120		07/11/2026 17:35	WG2790903
(S) 4-Bromofluorobenzene	120			77.0-126		07/11/2026 17:35	WG2790903
(S) 1,2-Dichloroethane-d4	126			70.0-130		07/11/2026 17:35	WG2790903

Sample Narrative:

L1993760-02 WG2790903: Surrogate failure due to matrix interference

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.361		0.0605	0.100	1	07/14/2026 18:36	WG2791326
(S) <i>o</i> -Terphenyl	89.5			52.0-156		07/14/2026 18:36	WG2791326

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 07/09/26 11:44

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.951		0.0594	0.100	1	07/12/2026 18:22	WG2791504
(S) a,a,a-Trifluorotoluene(FID)	91.8			78.0-120		07/12/2026 18:22	WG2791504

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.103		0.00160	0.00500	5	07/14/2026 13:13	WG2792409
Toluene	0.0345		0.000274	0.00100	1	07/11/2026 17:56	WG2790903
Ethylbenzene	0.00148		0.000234	0.00100	1	07/11/2026 17:56	WG2790903
Total Xylenes	0.0397		0.000319	0.00300	1	07/11/2026 17:56	WG2790903
(S) Toluene-d8	86.4			80.0-120		07/11/2026 17:56	WG2790903
(S) Toluene-d8	92.6			80.0-120		07/14/2026 13:13	WG2792409
(S) 4-Bromofluorobenzene	81.1			77.0-126		07/11/2026 17:56	WG2790903
(S) 4-Bromofluorobenzene	89.5			77.0-126		07/14/2026 13:13	WG2792409
(S) 1,2-Dichloroethane-d4	122			70.0-130		07/11/2026 17:56	WG2790903
(S) 1,2-Dichloroethane-d4	115			70.0-130		07/14/2026 13:13	WG2792409

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.739		0.0605	0.100	1	07/14/2026 18:56	WG2791326
(S) o-Terphenyl	92.1			52.0-156		07/14/2026 18:56	WG2791326

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 07/09/26 10:14

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.449	B	0.0594	0.100	1	07/12/2026 18:42	WG2791504
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	94.2			78.0-120		07/12/2026 18:42	WG2791504

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0293		0.000320	0.00100	1	07/12/2026 02:11	WG2791258
Toluene	0.00125		0.000274	0.00100	1	07/12/2026 02:11	WG2791258
Ethylbenzene	U		0.000234	0.00100	1	07/12/2026 02:11	WG2791258
Total Xylenes	0.00328		0.000319	0.00300	1	07/12/2026 02:11	WG2791258
(S) <i>Toluene-d8</i>	100			80.0-120		07/12/2026 02:11	WG2791258
(S) <i>4-Bromofluorobenzene</i>	86.9			77.0-126		07/12/2026 02:11	WG2791258
(S) <i>1,2-Dichloroethane-d4</i>	109			70.0-130		07/12/2026 02:11	WG2791258

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.253		0.0605	0.100	1	07/15/2026 13:55	WG2791326
(S) <i>o</i> -Terphenyl	96.8			52.0-156		07/15/2026 13:55	WG2791326

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 07/09/26 12:49

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	2.74		0.0594	0.100	1	07/12/2026 19:03	WG2791504
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	89.6			78.0-120		07/12/2026 19:03	WG2791504

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.496		0.00640	0.0200	20	07/15/2026 21:46	WG2793607
Toluene	0.161		0.000274	0.00100	1	07/12/2026 02:34	WG2791258
Ethylbenzene	0.0201		0.000234	0.00100	1	07/12/2026 02:34	WG2791258
Total Xylenes	0.107		0.000319	0.00300	1	07/12/2026 02:34	WG2791258
(S) <i>Toluene-d8</i>	98.8			80.0-120		07/12/2026 02:34	WG2791258
(S) <i>Toluene-d8</i>	105			80.0-120		07/15/2026 21:46	WG2793607
(S) <i>4-Bromofluorobenzene</i>	92.8			77.0-126		07/12/2026 02:34	WG2791258
(S) <i>4-Bromofluorobenzene</i>	97.4			77.0-126		07/15/2026 21:46	WG2793607
(S) <i>1,2-Dichloroethane-d4</i>	108			70.0-130		07/12/2026 02:34	WG2791258
(S) <i>1,2-Dichloroethane-d4</i>	104			70.0-130		07/15/2026 21:46	WG2793607

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.337		0.0605	0.100	1	07/14/2026 19:36	WG2791326
(S) <i>o</i> -Terphenyl	92.6			52.0-156		07/14/2026 19:36	WG2791326

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 07/09/26 13:55

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.594	1.00	10	07/12/2026 20:03	WG2791504
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	101			78.0-120		07/12/2026 20:03	WG2791504

Sample Narrative:

L1993760-06 WG2791504: Dilution due to foam.

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00104		0.000320	0.00100	1	07/15/2026 20:49	WG2793607
Toluene	0.000395	J	0.000274	0.00100	1	07/15/2026 20:49	WG2793607
Ethylbenzene	U		0.000234	0.00100	1	07/12/2026 02:58	WG2791258
Total Xylenes	U		0.000319	0.00300	1	07/15/2026 20:49	WG2793607
(S) Toluene-d8	97.9			80.0-120		07/12/2026 02:58	WG2791258
(S) Toluene-d8	98.6			80.0-120		07/15/2026 20:49	WG2793607
(S) 4-Bromofluorobenzene	91.6			77.0-126		07/12/2026 02:58	WG2791258
(S) 4-Bromofluorobenzene	92.8			77.0-126		07/15/2026 20:49	WG2793607
(S) 1,2-Dichloroethane-d4	113			70.0-130		07/12/2026 02:58	WG2791258
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		07/15/2026 20:49	WG2793607

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.703		0.0605	0.100	1	07/14/2026 19:56	WG2791326
(S) <i>o</i> -Terphenyl	82.6			52.0-156		07/14/2026 19:56	WG2791326

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 07/09/26 14:40

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	07/13/2026 16:22	WG2791826
(S) a,a,a-Trifluorotoluene(FID)	99.2			78.0-120		07/13/2026 16:22	WG2791826

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00235		0.000320	0.00100	1	07/15/2026 21:08	WG2793607
Toluene	0.00571		0.000274	0.00100	1	07/12/2026 03:21	WG2791258
Ethylbenzene	U		0.000234	0.00100	1	07/12/2026 03:21	WG2791258
Total Xylenes	0.000509	J	0.000319	0.00300	1	07/15/2026 21:08	WG2793607
(S) Toluene-d8	98.3			80.0-120		07/12/2026 03:21	WG2791258
(S) Toluene-d8	103			80.0-120		07/15/2026 21:08	WG2793607
(S) 4-Bromofluorobenzene	87.6			77.0-126		07/12/2026 03:21	WG2791258
(S) 4-Bromofluorobenzene	97.4			77.0-126		07/15/2026 21:08	WG2793607
(S) 1,2-Dichloroethane-d4	114			70.0-130		07/12/2026 03:21	WG2791258
(S) 1,2-Dichloroethane-d4	101			70.0-130		07/15/2026 21:08	WG2793607

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	07/14/2026 20:16	WG2791326
(S) o-Terphenyl	89.5			52.0-156		07/14/2026 20:16	WG2791326

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 07/09/26 00:00

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.323		0.0594	0.100	1	07/13/2026 16:42	WG2791826
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	96.8			78.0-120		07/13/2026 16:42	WG2791826

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 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0493		0.000320	0.00100	1	07/12/2026 03:44	WG2791258
Toluene	0.0123		0.000274	0.00100	1	07/12/2026 03:44	WG2791258
Ethylbenzene	0.00113		0.000234	0.00100	1	07/12/2026 03:44	WG2791258
Total Xylenes	0.00155	J	0.000319	0.00300	1	07/12/2026 03:44	WG2791258
(S) <i>Toluene-d8</i>	101			80.0-120		07/12/2026 03:44	WG2791258
(S) <i>4-Bromofluorobenzene</i>	88.8			77.0-126		07/12/2026 03:44	WG2791258
(S) <i>1,2-Dichloroethane-d4</i>	110			70.0-130		07/12/2026 03:44	WG2791258

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.197	J	0.121	0.200	2	07/14/2026 20:36	WG2791326
(S) <i>o</i> -Terphenyl	80.0			52.0-156		07/14/2026 20:36	WG2791326

Sample Narrative:

L1993760-08 WG2791326: Dilution due to matrix impact during extraction procedure.

Collected date/time: 07/09/26 16:00

L1993760

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	07/13/2026 13:00	WG2791826
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	100			78.0-120		07/13/2026 13:00	WG2791826

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000320	0.00100	1	07/12/2026 01:47	WG2791258
Toluene	U		0.000274	0.00100	1	07/12/2026 01:47	WG2791258
Ethylbenzene	U		0.000234	0.00100	1	07/12/2026 01:47	WG2791258
Total Xylenes	U		0.000319	0.00300	1	07/12/2026 01:47	WG2791258
(S) <i>Toluene-d8</i>	96.4			80.0-120		07/12/2026 01:47	WG2791258
(S) <i>4-Bromofluorobenzene</i>	87.0			77.0-126		07/12/2026 01:47	WG2791258
(S) <i>1,2-Dichloroethane-d4</i>	114			70.0-130		07/12/2026 01:47	WG2791258

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	07/14/2026 20:56	WG2791326
(S) <i>o</i> -Terphenyl	96.8			52.0-156		07/14/2026 20:56	WG2791326

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	07/13/2026 12:19	WG2791826
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	102			78.0-120		07/13/2026 12:19	WG2791826

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000320	0.00100	1	07/12/2026 01:00	WG2791258
Toluene	U		0.000274	0.00100	1	07/12/2026 01:00	WG2791258
Ethylbenzene	U		0.000234	0.00100	1	07/12/2026 01:00	WG2791258
Total Xylenes	U		0.000319	0.00300	1	07/12/2026 01:00	WG2791258
(S) <i>Toluene-d8</i>	96.4			80.0-120		07/12/2026 01:00	WG2791258
(S) <i>4-Bromofluorobenzene</i>	85.4			77.0-126		07/12/2026 01:00	WG2791258
(S) <i>1,2-Dichloroethane-d4</i>	113			70.0-130		07/12/2026 01:00	WG2791258

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	07/14/2026 21:16	WG2791326
(S) <i>o</i> -Terphenyl	94.7			52.0-156		07/14/2026 21:16	WG2791326

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4398739-3 07/12/26 11:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	0.0640	⬇	0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	99.8			78.0-120

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4398739-1 07/12/26 10:06 • (LCSD) R4398739-2 07/12/26 10:26

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) Low Fraction	5.00	5.22	4.90	104	98.0	72.0-127			6.32	20
(S) a,a,a-Trifluorotoluene(FID)				106	106	78.0-120				

Method Blank (MB)

(MB) R4399172-4 07/13/26 11:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	100			78.0-120

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

(LCS) R4399172-2 07/13/26 09:54 • (LCSD) R4399172-3 07/13/26 10:15

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) Low Fraction	5.00	5.00	5.14	100	103	72.0-127			2.76	20
(S) a,a,a-Trifluorotoluene(FID)				101	102	78.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015D

Method Blank (MB)

(MB) R4399667-3 07/14/26 20:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	99.5			78.0-120

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) R4399667-1 07/14/26 19:16 • (LCSD) R4399667-2 07/14/26 19:36

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) Low Fraction	5.00	5.01	5.09	100	102	72.0-127			1.58	20
(S) a,a,a-Trifluorotoluene(FID)				98.9	99.2	78.0-120				

W02790903

Volatile Organic Compounds (GC/MS) by Method 8260D

L1993760-01,02,03

Method Blank (MB)

(MB) R4399084-3 07/11/26 10:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
Toluene	U		0.000274	0.00100
Ethylbenzene	U		0.000234	0.00100
Total Xylenes	U		0.000319	0.00300
(S) Toluene-d8	86.1			80.0-120
(S) 4-Bromofluorobenzene	105			77.0-126
(S) 1,2-Dichloroethane-d4	120			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

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

(LCS) R4399084-1 07/11/26 08:21 • (LCSD) R4399084-2 07/11/26 08:41

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	0.0100	0.0105	0.0103	105	103	70.0-123			1.92	20
Toluene	0.0100	0.00999	0.0102	99.9	102	79.0-120			2.08	20
Ethylbenzene	0.0100	0.0108	0.0109	108	109	79.0-123			0.922	20
Total Xylenes	0.0300	0.0322	0.0328	107	109	79.0-123			1.85	20
(S) Toluene-d8				96.9	98.8	80.0-120				
(S) 4-Bromofluorobenzene				101	104	77.0-126				
(S) 1,2-Dichloroethane-d4				107	107	70.0-130				

⁷Gl

⁸Al

⁹Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

[L1993760-04,05,06,07,08,09,10](#)

Method Blank (MB)

(MB) R4399413-2 07/11/26 23:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
Toluene	U		0.000274	0.00100
Ethylbenzene	U		0.000234	0.00100
Total Xylenes	U		0.000319	0.00300
(S) Toluene-d8	96.6			80.0-120
(S) 4-Bromofluorobenzene	87.1			77.0-126
(S) 1,2-Dichloroethane-d4	110			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4399413-1 07/11/26 22:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0100	0.00953	95.3	70.0-123	
Toluene	0.0100	0.00894	89.4	79.0-120	
Ethylbenzene	0.0100	0.00868	86.8	79.0-123	
Total Xylenes	0.0300	0.0255	85.0	79.0-123	
(S) Toluene-d8			92.3	80.0-120	
(S) 4-Bromofluorobenzene			85.6	77.0-126	
(S) 1,2-Dichloroethane-d4			116	70.0-130	

Volatile Organic Compounds (GC/MS) by Method 8260D

L1993760-03

Method Blank (MB)

(MB) R4399285-3 07/14/26 10:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
(S) Toluene-d8	89.4			80.0-120
(S) 4-Bromofluorobenzene	86.1			77.0-126
(S) 1,2-Dichloroethane-d4	114			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) R4399285-1 07/14/26 09:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0100	0.00912	91.2	70.0-123	
(S) Toluene-d8			93.2	80.0-120	
(S) 4-Bromofluorobenzene			88.6	77.0-126	
(S) 1,2-Dichloroethane-d4			114	70.0-130	

Method Blank (MB)

(MB) R4400108-3 07/15/26 18:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
Toluene	U		0.000274	0.00100
Total Xylenes	U		0.000319	0.00300
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	92.5			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

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

(LCS) R4400108-1 07/15/26 17:56 • (LCSD) R4400108-2 07/15/26 18:16

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	0.0100	0.00906	0.00978	90.6	97.8	70.0-123			7.64	20
Toluene	0.0100	0.00939	0.00980	93.9	98.0	79.0-120			4.27	20
Total Xylenes	0.0300	0.0263	0.0276	87.7	92.0	79.0-123			4.82	20
(S) Toluene-d8				103	101	80.0-120				
(S) 4-Bromofluorobenzene				91.9	89.1	77.0-126				
(S) 1,2-Dichloroethane-d4				102	106	70.0-130				

⁶Qc

⁷Gl

⁸Al

⁹Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D [L1993760-01,02,03,04,05,06,07,08,09,10](#)

Method Blank (MB)

(MB) R4399675-1 07/14/26 15:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	93.0			52.0-156

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

(LCS) R4399675-2 07/14/26 15:55 • (LCSD) R4399675-3 07/14/26 16:15

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	1.74	1.76	116	117	50.0-150			1.14	20
(S) o-Terphenyl				103	100	52.0-156				

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.
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.
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.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
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.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.

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

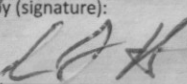
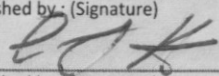
⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Company Name/Address: Trihydro Corporation - Fort Collins, CO 2400 Midpoint Drive Suite 170 Fort Collins, CO 80525 Report to: Logan Harsh 970-294-2336				Billing Information: Andrew Vann 1601 Prospect Park Way Suite 100 Fort Collins, CO 80525 Email To: LHarsh@trihydro.com; courtney.governor@pace				Analysis / Container / Preservative Pres Chk BTEX 40mlamb-HCl BTEX 40mlamb-HCl-Bik TPH - DRO 40mlamb-HCl-BT TPH - GRO 40mlamb-HCl Chain of Custody Page <u>1</u> of <u>1</u>  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 # 1993760 H209 Acctnum: TRIHDFCCO Template: T291954 Prelogin: P1238732 PM: 955 - Courtney Governor PB: Shipped Via: FedEX Ground			
Project Description: Hobbs Tank Farm		City/State Collected: Hobbs, NM		Please Circle: PT ☒ MT ☐ CT ☐ ET ☐							
Regulatory Program(DOD,RCRA,DW,etc): RCRA		Client Project # HFSIN-026-0003		Lab Project # TRIHDFCCO-HOBBS							
Collected by (print): Logan Harsh		Site/Facility ID #		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 ☒ STD TAT		Quote #		Date Results Needed ASAP		No. of Cntrs			
Immediately Packed on Ice N ☐ Y ☒											
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs					
HTRW-1	Grab	GW		7/9/2026	9:07	75	X				
HTRW-2		GW			10:52	71	X				
HTRW-3		GW			11:44	71	X				
HTRW-4		GW			10:14	71	X				
RW-1		GW			12:49	71	X				
MW-4		GW			13:55	71	X				
MW-5		GW			14:40	71	X				
DUP-01-20260709		GW				71	X				
FR-01-20260709		GW			16:00	71	X				
Trip Blank		GW			8:00	73	X				
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: AND 7/10/26		pH _____ Temp _____ Flow _____ Other _____		Sample Receipt Checklist COC Seal Present/Intact: ☒ NP ☐ 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 # 7925 1735 2450									
Relinquished by: (Signature) 		Date: 7/9/26		Time: 16:30		Received by: (Signature)		Trip Blank Received: Yes ☒ No ☐ HCL / MeOH TBR			
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Temp: 35.0 °C Bottles Received: 45			
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature) AMW JDO		Date: 7/10/26 Time: 0415 Hold: Condition: NCF / OK			

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 623073

CONDITIONS

Operator: HF Sinclair Navajo Refining LLC ATTN: GENERAL COUNSEL Dallas, TX 75201	OGRID: 15694
	Action Number: 623073
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	9/10/2026
amaxwell	Continue quarterly monitoring. The third quarter event will be conducted in August 2026 to confirm the July 2026 benzene results.	9/10/2026
amaxwell	Continue use of ORC® socks on an annual basis in wells RW-1, HTRW-1, and HTRW-3 and replacement of socks as needed. EFR will continue every two weeks at RW-1, HTRW-1, HTRW-2, and HTRW-3. Deviations from this schedule will be noted in quarterly reports.	9/10/2026
amaxwell	Continue air sparging and O&M at HTRW-1.	9/10/2026