DBS&A
a Geo-Logic Company

April 17, 2026

Ms. Renee Romero
New Mexico Environmental Department
Petroleum Storage Tank Bureau
1914 West Second Street
Roswell, New Mexico 88201-1712

Re: Second Quarter O&M and Groundwater Monitoring Report
Former Y Station, 721 Commerce Way, Clovis, New Mexico
Facility # 53742, Release ID # 4746, WPID # 4418

Dear Ms. Romero:

Daniel B. Stephens & Associates, Inc. (DBS&A) is pleased to submit the enclosed report summarizing dual-phase extraction (DPE) system operation and maintenance (O&M) activities conducted at the subject site from November 6, 2025 through February 24, 2026, groundwater monitoring activities conducted in January and February 2026, and site-wide annual maintenance from March 2 through 4, 2026. All work was completed in accordance with the requirements of Section 20.5.119 of the New Mexico Administrative Code (NMAC), DBS&A standard operating procedures (SOPs), and the approved work plan.

DBS&A plans to invoice the reduced amount of $127,814.60, including New Mexico gross receipts tax, for Deliverable ID #4418-4 to reflect a reduction in the number of vapor samples collected and no well rehabilitation. Please do not hesitate to call us at (505) 822-9400 if you have any questions or require additional information.

Sincerely,

DANIEL B. STEPHENS & ASSOCIATES, INC.

Grace Herrmann, P.E.
Project Engineer

GH/LA/rpf
Enclosure
cc: Katherine MacNeil, NMED PSTB

Second Quarter
O&M and Groundwater Monitoring
Former Y Station
Clovis, New Mexico
Facility #53742, Release ID #4746
WPID #4418

Prepared for

New Mexico Environment Department
Petroleum Storage Tank Bureau
Roswell, New Mexico

Prepared by

DBS&A
a Geo-Logic Company

6501 Americas Parkway NE, Suite 200
Albuquerque, New Mexico 87110
www.dbstephens.com
DB18.1157



April 17, 2026

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1. Introduction

Daniel B. Stephens & Associates, Inc. (DBS&A) has prepared this quarterly monitoring report for the Former Y Station State Lead site in Clovis, New Mexico (the site). This report documents the second quarter of operation and maintenance (O&M) for the dual-phase extraction (DPE) system and quarterly groundwater monitoring activities, and continued site-wide annual maintenance on March 2 through 4, 2026.

Site-wide annual maintenance occurred throughout the first, second, and third quarterly periods to improve the operation status of the remediation system. The soil vapor extraction (SVE) system was inspected on November 4, 2025, and a faulty actuator on the oxidizer combustion airline was identified. Due to safety concerns, the SVE system remained offline until the actuator was replaced on February 2, 2026. The second quarterly monitoring period was extended by two weeks to include an additional O&M event and to optimize the SVE system when it returned to service. Maintenance of the groundwater system occurred during multiple events, with an initial inspection on November 4 and 5, 2025 that focused on identifying failed equipment at each wellhead. Groundwater maintenance occurred on February 2 through 6, 2026, and the return to service of five extraction wells. An additional mobilization was required on March 2 through 4, 2026 to put three more wells into service. This work is described in Section 2.5.2.

This report was prepared in accordance with the requirements of Part 119 of the New Mexico Petroleum Storage Tank Regulations (PSTR) and DBS&A standard operating procedures (SOPs). The work plan for remediation system startup and operation was submitted to the New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB) on February 13, 2025 (DBS&A, 2025), and was approved under work plan identification (WPID) #4418 on May 2, 2025 (NMED, 2025).

1.1 Site History

The site is located at 721 Commerce Way in Clovis, New Mexico (Figure 1), and is currently occupied by an optical retail center; the site includes the intersection of Prince Street and Commerce Way. It is surrounded by a variety of other commercial land uses, such as big box retail stores, fast food restaurants, and gasoline service stations. Residential neighborhoods are adjacent to the west and east of the Prince Street commercial corridor.

Initial site investigation activities conducted by the previous consultant in 2011 were driven by the discovery of a release during a tank pull at the Allsup's No. 320 (Allsup's) site, located at the corner of Prince and 21st Streets (Figure 2). Subsequent investigations from 2012 to 2016 revealed a large dissolved-phase hydrocarbon plume south of the Allsup's site, centered near the intersection of Prince Street and Commerce Way.

Interviews with local residents and inspection of public records by the previous consultant revealed that a fueling station was formerly present on the southwest corner of Prince Street and Commerce Street, locally referred to as "the Y." The Former Y Station was reportedly active from the late 1950s through approximately 1981. The intersection has been reconfigured since that time, and what was the site is now active traffic lanes and the Optical Source retail outlet.

The previous consultant oversaw installation of 10 groundwater monitor wells (BW-1 through BW-10) in the vicinity of the Former Y Station, including 3 wells on the Allsup's property (Figure 2), and conducted limited SVE feasibility testing at the Allsup's site. Benzene was the constituent detected at the highest concentrations in groundwater and with the greatest areal extent. Concentrations of other contaminants of concern (COCs) above applicable regulatory standards were typically localized near the center of the benzene plume.

Under the previous State Lead remediation services contract executed on May 15, 2018, DBS&A initiated two additional site investigation programs, which included installation of 12 monitor wells and/or remediation wells at the site (RW-1 through RW-4, BW-7R, and MW-11 through MW-17) (Figure 2). The primary goals of these investigations were to (1) characterize soil and groundwater conditions directly under the site of the Former Y station and (2) attempt to delineate the downgradient extent of the dissolved-phase contaminant plume. Additional investigation activities also included step and constant-rate aquifer pumping tests at newly installed monitor well MW-11, analysis of the physical properties of aquifer materials, and groundwater modeling to assess the feasibility of the proposed remediation approach.

Based on findings from the additional investigations, DBS&A proceeded with design and implementation of a DPE system. The proposed remediation system prioritizes removal of source area mass near the point of release using multi-zone DPE remediation wells to remove light nonaqueous-phase liquid (LNAPL) and residual hydrocarbons in the vadose zone, and is coupled with a pump-and-treat approach to speed remediation of the dissolved-phase contaminant plume in groundwater (Figure 3). The remedial design was presented in the final remediation plan (FRP) dated July 16, 2021 (DBS&A, 2021). Remediation system construction occurred from December 2021 through April 2022, and was documented in an as-built report

dated May 2, 2022. Due to the end date of the previous contract, remediation system startup did not occur.

During the week of May 31, 2022, monitor wells BW-1 through BW-3 were plugged and abandoned by another consultant. Results from at least eight consecutive monitoring events showed contaminant concentrations below groundwater quality standards. A no further action (NFA) letter was issued for the Allsup's No. 320 site on August 8, 2022. There are currently 19 active monitor and remediation wells associated with the Former Y Station State Lead site (Figure 2).

DBS&A responded to a request for proposals (RFP) for a State Lead remediation services contract to operate the remediation system for this site, with proposals submitted to the PSTB on April 11, 2022, April 3, 2023, and May 26, 2023. DBS&A was selected as the most responsive bidder and entered into a contract with NMED that was executed on July 1, 2023. DBS&A coordinated shakedown and startup of the remediation system in October and November 2023, and submitted a revised as-built report dated January 8, 2024 that incorporated data from the first month of system operation (DBS&A, 2024). Operation, maintenance, system sampling, and groundwater monitoring occurred for four quarters between November 2023 and January 2025.

Following administration delays, the current work plan approved in May 2025 under WPID #4418, and system operation restarted on July 16, 2025. The work described in this report follows the tasks outlined in the approved work plan and discussions with the PSTB project manager.

1.2 Remediation System

The remediation system designed for the site is a DPE system, including SVE and whole-fluids extraction. A total of 10 wells are connected to the remediation system using buried conveyance piping. Boring logs for the remediation wells are provided in Appendix A. The survey report is provided in Appendix B.

A total of 5 multi-zone nested wells (BW-8 and RW-1 through RW-4) are clustered around the former source area. An additional 5 single-zone remediation wells (BW-7R, MW-11, MW-12, MW-13, and MW-16) were installed to address downgradient contamination. Monitor well MW-13 was intended to be a contingency well, but has been operating with the remediation system since startup. Remediation wells are connected to one of three primary SVE conveyance (trunk) lines that are routed to a common manifold using Schedule (SCH) 40 polyvinyl chloride

(PVC) piping. The primary trunk lines from source area wells (SVE line 1) and downgradient wells (SVE line 2) are 8-inch- and 4-inch-diameter, respectively. A 2-inch-diameter pipe conveys flow from MW-13 (SVE line 3). The manifold is an 8-inch SCH 40 PVC header, with SCH 40 PVC risers and fittings sized to match the three primary trunk lines. The risers include an analog vacuum gauge, sample port, and a plug for an insertion-type air flow meter. A single trunk line was constructed of 1.5-inch-diameter SCH 40 PVC for the conveyance of combined groundwater from the extraction wells, and is co-located with the SVE conveyance lines. Each extraction well feeds directly into this single conveyance line.

Major remediation equipment was manufactured by Intellishare Environmental (Intellishare) of Menomonie, Wisconsin and H2K Technologies (H2K) of Corcoran, Minnesota. Remediation equipment currently installed includes an Intellishare skid-mounted natural gas fired thermal oxidizer with catalyst module, discharge stack, LNAPL tank, an SVE treatment system package (blower, knockout tank, and controls), and a groundwater treatment system package (oil-water separator, diffused tank aerator [DTA], and clarifier). The two equipment packages are assembled in modified shipping containers. Remediation equipment is located within a fenced compound in the parking lot of the Albertson's grocery store (Figure 3).

Source area wells RW-1 through RW-4 have a Grundfos model 5SQ05-320 ¾-horsepower (hp) pump, and the downgradient groundwater extraction wells have a Grundfos model SP 5S10-22 1-hp pump. Each wellhead includes a totalizing flow meter, hose bibb (for collection of groundwater samples), analog pressure gauge, and an air release valve (ARV). Each well also includes a pressure transducer for remote monitoring of fluid levels and control of the pumps.

Utility services required to operate the remediation equipment include electric, which is provided by Xcel Energy (Xcel), and natural gas, which is provided by New Mexico Gas Company (NM Gas). The system also includes a cellular-based telemetry system that operates on the Verizon network. Daily system updates on system operation are provided through e-mail, in addition to alarm conditions and the ability to remote-start the equipment.

1.3 Scope of Work

The scope of work included under WPID #4418 includes 12 months of O&M for the remediation system, quarterly groundwater monitoring, pilot test of well restoration and rehabilitation, site-wide annual maintenance, and associated reporting. Second quarter O&M activities occurred from November 6, 2025 through February 24, 2026, with the quarter extended due to SVE system downtime. Site-wide maintenance was conducted February 2 through 6, 2026 and

March 2 through 4, 2026 to bring wells into operation. An authorized representative of DBS&A maintained direct supervisory control of all aspects of the project.

1.4 Highlights

The quarterly accomplishments of this reporting period include the following:

- November 17 and December 3 and 15, 2025 and January 2 and 20, and February 11 and 23, 2026: Recorded DPE system operations data; sampled process vapor and water for laboratory analysis.
- January 19 through 20, 2026: Performed quarterly groundwater monitoring. Gauged fluid levels in 10 site monitor wells and collected level data from the transducers of 4 remediation wells (the remaining transducers are out of service). Groundwater samples were collected from 10 site monitor wells for laboratory analysis.
- February 12, 2026: Groundwater samples were collected from RW-1, RW-2, RW-3, and MW-11 for laboratory analysis.
- February 23, 2026: Groundwater sample was collected from MW-16 for laboratory analysis.

In addition to quarterly monitoring, site-wide maintenance activities during this reporting period included the following:

- February 2, 2026: The faulty actuator on the oxidizer was replaced and the SVE system was restarted.
- February 23, 2026: Coats Pump & Supply, Inc. (Coats) conducted a video inspection of MW-16 to evaluate the condition of the well casing.
- March 2 through 4, 2026: A continued full groundwater extraction network maintenance event was conducted in conjunction with dosing and brushing of extraction wells BW-2 and MW-13.

2. Remediation System Operation and Maintenance

Remediation system O&M included seven regular visits for the reporting period, with system operation data and laboratory sample collection performed during each event, and one additional visit for system optimization and troubleshooting. Evaluation of the remediation system was performed continuously by using daily updates and alarm notifications from the

telemetry system. Vapor monitoring, including field screening and sampling for laboratory analysis, was performed during two regular site visits when the SVE system was operational. Water samples were collected during all regular O&M events. Operation data for both the remediation system and individual wellheads are provided in Tables 1 and 2. Field notes and forms are provided in Appendix C.

2.1 System Operation Data

Field data included air flow, vacuum, and vapor concentrations, as well as data collected by installed instrumentation. Vacuum in the SVE lines was measured at each of the wellheads and the manifold using a Dwyer Series 574 Mark III digital manometer. Vapor samples were collected in Tedlar bags using a Xitech High Vacuum Air Sampler at the wellheads and manifold. The vapor samples were field screened with a Honeywell MiniRAE 3000 photoionization detector (PID) for contaminant concentrations. Air flow and velocity were measured at each wellhead and at the manifold with a TSI VelociCalc Series 9535. Data were also collected from the control panels of the installed remediation equipment.

The SVE system remained offline for 81 percent of the intended operational period this quarter following safety concerns. After the SVE system was in operation, the system had 100 percent uptime, with no additional downtime experienced.

As recorded from the SVE system control panel, total system air flow during this quarter ranged from 756 to 773 standard cubic feet per minute (scfm) (Table 1). Air flow measured using the VelociCalc has been higher, but may be affected by the piping configuration or small amounts of moisture in the process air. Mass removal calculations use the air flow measured by the system, which produces conservative (lower) estimates of mass removal. Vacuum at the SVE blower, recorded from the SVE system control panel, averaged 61 inches water column (inches H_2O) (Table 1). The SVE blower operated at an average of 44 hertz (Hz).

While the SVE system was operating this quarter, PID readings of the combined influent vapor ranged from approximately 177 to 267 parts per million by volume (ppmv). PID readings do not always correlate with laboratory concentrations, but these values are a positive indicator of continued high mass removal given the relatively high air flow rates. PID readings from the oxidizer effluent vapor are relatively high due to the recent conversion into catalytic mode. PID readings are expected to trend lower following continued operation of the remediation system (Table 1).

2.2 Wellhead Operation Data

2.2.1 SVE Operation

PID results from field screening are presented on Figures 4 through 7 and in Table 2. The highest PID readings have been in the deep zone of the source area wells (RW-1 through RW-4 and BW-8), with values ranging from 357 ppmv in well RW-1 to 1,099 ppmv in well RW-3. Well seals at RW-2 and MW-13 were not in place due to pump replacement activities; therefore, SVE operations were offline at these wells during this quarter. DBS&A will continue to monitor trends in individual zones and wells to optimize mass removal from the SVE component of the remediation system.

Air flow for individual zones of the source area wells (RW-1 through RW-4 and BW-8) has ranged from approximately 38 to 79 scfm. When operating, air flow for downgradient wells BW-7R, MW-11, MW-12, MW-13, and MW-16 has ranged from approximately 60 to 121 scfm. Values have been in line with expected air flow based on limited pilot testing performed by the previous consultant. Observed variability was expected based on slight variations in lithology and changes in well operation. The average applied wellhead vacuum during SVE operations was 40 inches H_2O.

2.2.2 Groundwater Extraction

Water flow meter readings for individual wells and the treated water discharge are presented in Table 3. Pressure transducer data is presented in Table 4. Due to pump starter and transducer issues and coordination challenges with subcontractors, extraction wells were brought online gradually throughout the quarter as work was completed. RW-4 operated throughout the entire quarter. BW-7R was operational at the beginning of the quarter; however, failure of the flexible conveyance tubing forced it offline on December 15, 2025. The initial site-wide groundwater maintenance event, conducted February 2 through 6, 2026, brought RW-1, RW-3, MW-11, and MW-12 online (DBS&A, 2026c). A follow-up event occurred March 2 through 4, 2026, during which RW-2, BW-7R, and MW-13 were brought online. Additional details are provided in Section 2.5.2. DBS&A is evaluating drawdown levels and extraction volumes in an effort to optimize mass removal from the groundwater extraction system and minimize submerging contamination below the current static water level.

As of February 23, 2026, the remediation system had treated over 3.1 million gallons of petroleum-contaminated water (Table 3). This is the totalized flow volume recorded by the treated water discharge flow meter. This reading has been consistently about 63 percent of the

total flow from all of the individual groundwater extraction wells (i.e., 30 to 40 percent lower). The treated discharge flow meter was calibrated by PureOps on February 20, 2024, and the meter has 99.8 percent accuracy. The flow meter manufacturer suspects that the piping configuration within the vaults may be affecting flow measurement (i.e., there may not be enough straight pipe before the flow meters at the wellheads). In accordance with existing discharge permits/agreements, DBS&A reports water flow meter readings to both the City of Clovis (the City) and the New Mexico Office of the State Engineer (OSE). As previously described, field audits show that when individual well readings are in error, they are overestimates of the actual withdrawal. DBS&A does not suspect that any underreporting to OSE has occurred. Where practical, piping configurations and flow meter installations have been modified to improve accuracy of the reported flow rates and totals.

2.3 Laboratory Analytical Results

Laboratory samples were submitted to Eurofins Environment Testing (Eurofins) in Albuquerque, New Mexico for analysis of volatile organic compounds (VOCs) and inorganic constituents in accordance with the approved work plan. Groundwater samples were collected at the combined influent point prior to oil-water separation and at the discharge point after clarification. Groundwater samples for individual wells were collected during the quarterly groundwater monitoring event, as discussed in Section 3. Air samples were collected at the SVE combined influent (manifold), at the oxidizer effluent (discharge stack), and from the DTA effluent. Air samples from individual wells are collected at the wellhead for field screening purposes only. Laboratory results, including chain of custody documentation, are provided in Appendix D.

During this quarter of system operation, total petroleum hydrocarbon gasoline-range organics (TPH GRO) concentrations in influent air samples ranged from 810 to 920 micrograms per liter (µg/L) (Table 5). Conversion to catalytic mode resulted in reduction of the thermal destruction efficiency to an average of 57 percent. Consistent operation of the oxidizer is expected to improve efficiency.

During this period of operation, concentrations of all COCs varied for combined influent (raw) water samples based on which wells were in operation. Raw water samples contained TPH GRO and combined benzene, toluene, ethylbenzene, and total xylenes (BTEX) at average concentrations of 1.9 and 0.22 milligrams per liter (mg/L), respectively (Table 6). Concentrations of benzene, 1,2-dibromoethane (EDB), and 1,2-dichloroethane (EDC) have been consistently above the New Mexico Water Quality Control Commission (NMWQCC) standards. Since remediation activities began, raw water concentrations have fluctuated, but are lower than they

were at initial startup. As more source area wells are brought back into operation, raw water concentrations are expected to increase initially and then decrease with continued operation.

Analytical results for treated water samples are provided in Table 6. Average benzene, EDB, and EDC treatment efficiencies this quarter have been 89.0, 96.4, and 95.7 percent, respectively, which are typical for these constituents based on the installed equipment. Discharged water is routed to the City wastewater treatment plant for additional treatment.

Raw and treated water samples were also analyzed for a limited number of inorganic constituents. Average chloride, nitrate (as nitrogen), and sulfate concentrations for influent (raw) water samples collected this quarter were 85, 1.3, and 44 mg/L, respectively, which are below the NMWQCC standards (Table 7). Average total dissolved solids (TDS) concentration was approximately 493 mg/L (Table 7). The TDS concentration in the treated water sample has generally been similar to that of the influent (raw) water sample.

2.4 Contaminant Removal Performance

Calculations based on two methods (laboratory and PID analysis) were performed to estimate hydrocarbon mass removal by the SVE system (Appendix E). The laboratory analysis method indicated that hydrocarbon mass removal rates during this quarter averaged approximately 2.8 pounds per hour (lb/hr). Results obtained from the PID analysis this quarter were similar (2.9 lb/hr). However, concentration estimates measured in the field using a portable PID are considered to be for screening purposes only, and do not typically correlate to mass concentrations measured with laboratory data.

Removal rates have fluctuated with short-term operational changes, but have generally decreased over time due to the decreasing total flow rates as adjustments have been made to the SVE network and generally decreasing hydrocarbon concentrations in recovered vapor. Removal rates are expected to increase next quarter with more extraction wells in operation and with the SVE system online throughout the quarter. Based on calculations using the laboratory results, a total mass of 149,085 pounds (24,847 gallons) of hydrocarbons was removed from the site using the installed remediation equipment, with 148,949 pounds removed through vapor and 136 pounds removed through groundwater treatment (Figure 8). Note that an error was corrected in the groundwater mass removal calculation for January 2, 2025.

Calculations for estimated emission rates from the remediation system are also provided in Appendix E. Since startup, average emission rates for benzene and TPH GRO are 0.118 and

2.77 tons per year (ton/yr), respectively, which are below applicable air permitting standards. While the SVE system was operating, the total period average emissions rates for benzene and TPH GRO are 0.001 and 0.50 ton/yr, respectively.

During this quarter, electricity and natural gas costs varied depending on the operational status of the SVE system. Throughout the quarter, electricity was consumed at an average rate of 180 kilowatt-hours (kWh) per day, at an average daily cost of $17.76. While the SVE system was in operation, the average electricity consumption increased to 247 kWh per day, at an average daily cost of $28.07. Natural gas was not consumed while the SVE system was offline. The natural gas consumption when the SVE system was operating was at an average rate of 125 therms per day, with an average daily cost of $63.20 (Table 8).

2.5 DPE System Maintenance

Significant maintenance occurred on both the SVE and groundwater systems this quarter based on previous observations and alarm history. In an effort to improve future alarm tracking, alarm history for the quarter is provided in Table 9.

2.5.1 SVE System

Routine monthly maintenance during SVE operation included SVE blower oil change, greasing motor bearings, and replacing filters.

2.5.2 Groundwater

Annual maintenance of the groundwater system occurred throughout the first, second, and third quarter monitoring periods due to subcontractor availability. Wellhead inspection occurred on November through 4 and 5, 2025, and an initial maintenance event occurred on February 2 through 6, 2026. Extraction wells were chemically dosed and brushed to combat observed biofouling that resulted in reduced flowrates. Details of wellhead maintenance activities are provided in the first quarter monitoring report.

Following the dosing and brushing of MW-16 on February 5, 2026, significant silt accumulation occurred in the well, preventing pump reinstallation. Coats bailed out approximately 13 feet of the 14 feet of accumulated silt on February 13, 2026. On February 23, 2026, Coats deployed a downhole camera in well MW-16 to evaluate the condition of the well casing. The inspection found that silt had returned to the same level observed prior to bailing. The video also identified scale and biofilm coating on the well screen. The screen appears sufficiently open

following brushing and chemical dosing, and DBS&A does not expect that this will have an impact on the pumping rate at other site wells that may have similar residual coatings. The pump at MW-16 was unable to be reinstalled due to the minimal water column (12.75 feet) available.

Annual maintenance activities continued at the site beyond the second quarterly period. On March 2 through 4, 2026, Coats and McNiel Electric continued the site-wide groundwater extraction system maintenance event. Wells RW-2 and MW-13 were dosed and brushed and the pumps were reinstalled. The pump at BW-7R was also reinstalled following troubleshooting of the pump starter. Appendix F provides a log of repairs or replacements completed at each wellhead since the first quarter.

3. Groundwater Monitoring

The January 2026 groundwater monitoring event included gauging water levels and collecting groundwater samples in 16 site monitor and remediation wells for laboratory analysis. DBS&A was unable to collect a sample from well BW-7 due to inadequate water levels. Samples from wells RW-1, RW-2, RW-3, and MW-11 were collected on February 12, 2026. A sample from well MW-16 was collected on February 23, 2026. Groundwater samples collected from the site monitor wells and remediation wells were analyzed for VOCs, including BTEX, methyl tertiary-butyl ether (MTBE), and total naphthalenes, using U.S. Environmental Protection Agency (EPA) method 8260B (full list) and for EDB and EDC using EPA method 504.1.

3.1 Groundwater Monitoring

On January 19 and 20, 2026, depth to water was measured with an electronic interface probe in monitor wells that do not contain a submersible pump. Due to the extended depth to groundwater, DBS&A cannot safely run an electronic interface probe to the water table in wells with pumps, so transducer data are recorded for the 9 remediation wells with pumps. Transducer data are then used to calculate both depth to water and the groundwater elevation. Table 10 summarizes water level measurements and groundwater elevations from this and previous monitoring events. Water levels were measured during remediation system operation and again approximately 24 hours after the remediation system was turned off to obtain static water level measurements. Static water level data were used to prepare a potentiometric surface map for the area on January 19 and 20, 2026 (Figure 9).

Groundwater samples for laboratory analysis were collected from 15 monitor wells and remediation wells. Samples from remediation wells equipped with pumps are sampled using the sample tap at the wellhead while the remediation pump is running. All other wells are sampled using dedicated, disposable HydraSleeves, and they were sampled with the remediation system off. The sampling protocol is outlined in Appendix G. The samples collected from remediation wells RW-2 and MW-16 were collected using HydraSleeves while the pumps were removed. Dissolved oxygen (DO), oxidation/reduction potential (ORP), pH, specific conductivity, and temperature were measured in the field during purging using a YSI 556 Multiprobe System (MPS) meter, with the values recorded in the field notes (Appendix C).

Groundwater samples were analyzed for the constituents specified in the scope of work. All laboratory analyses were performed by Eurofins. Groundwater analytical organic chemistry data from this and previous monitoring events are summarized in Table 11. The laboratory reports, including chain of custody documentation, are provided in Appendix D. Figure 10 shows the distribution of dissolved-phase hydrocarbon concentrations in groundwater for the current monitoring event.

3.2 LNAPL Recovery

LNAPL was not detected in any monitor wells during this sampling event. Due to operation of the submersible pumps (emulsifying LNAPL near the water table), LNAPL was not expected to be present in any of the remediation wells. The absence of LNAPL from monitor well BW-5 is a positive indicator of remediation system operation. Historical LNAPL recovery data are provided in Table 12.

3.3 Containment of Release

COCs were detected at concentrations above NMWQCC standards in the following monitor wells during the January 2026 sampling event:

- *Benzene:* BW-7R, BW-8, MW-11, MW-12, MW-15, MW-16, RW-2, RW-4
- *Toluene:* RW-2
- *Xylenes:* RW-2
- *EDB:* BW-5, MW-11, MW-15, RW-1, RW-2, RW-3, RW-4
- *EDC:* BW-5, BW-7R, MW-15, MW-16, RW-3, RW-4
- *Total naphthalenes:* BW-8, MW-11, RW-2

Benzene, EDB, and EDC are the COCs that are detected across the widest areal extent. Plume maps for individual contaminants based on data from the current monitoring event are provided as Figures 11 through 13. Data reported during this monitoring event showed effects of active remediation activities on subsurface contaminant concentrations. Several wells on the perimeter of the contaminant plumes had lower concentrations (e.g., BW-4 and MW-17), likely impacted by mobilization of cleaner water outside the plume extent, while the highest contaminant concentrations were detected in wells located closer to the interior of the plume.

3.4 Trends or Changes in Site Conditions

Graphs showing historical trends in monitor well contaminant concentrations are provided in Appendix H. Groundwater is encountered beneath the site at depths ranging from approximately 323 to 334 feet below ground surface (bgs), and generally flows to the southeast with an approximate gradient of 0.004 foot per foot. The overall flow direction and gradient are similar to those noted during previous monitoring events. Since 2014, groundwater elevations have declined by approximately 7.7 feet, resulting in an average annual decline of approximately 0.66 foot per year. As operation of the remediation system continues, DBS&A will evaluate the impacts of drawdown on the water table in future quarterly reports.

Historical groundwater analytical organic chemistry data for site wells are summarized in Table 11. Baseline plume maps are provided in Appendix I. Contaminant concentrations are decreasing for the majority of site wells with operation of the DPE system. Notable trends or changes regarding specific wells are as follows:

- *BW-5:* The concentration of total naphthalenes decreased to below the NMWQCC standard for the first time since December 2024. Since March 2024, EDC concentrations have ranged from 110 to 21 µg/L and EDB concentrations have ranged from 13 to 0.031 µg/L. Concentrations of both constituents remained above the standards during the current monitoring period. All other constituent concentrations remained below the NMWQCC standards. Considering that this well contained measurable LNAPL from May 2019 through March 2021, this is a positive indicator of ongoing remediation system operation.
- *BW-7:* This well was damaged before DBS&A became the consultant for this site, and the damaged casing is allowing the well to fill with sediment. Due to sediment accumulation, this well has contained insufficient water for sampling since 2024. Results of sampling in 2024 were similar to those at BW-7R. PSTB may want to consider properly abandoning BW-7.

- *BW-7R:* Since December 2023, concentrations of BTEX constituents have decreased from 2,684 to 32.5 µg/L. The EDB concentration decreased to below the NMWQCC standard. EDC concentrations have decreased since December 2023, although they remained above the standard. This is a positive indicator on ongoing remediation system operations.
- *BW-8:* Since March 2024, benzene concentration has decreased from 14,000 to 220 µg/L. Concentrations of toluene, total xylenes, EDB, and EDC have decreased to below the NMWQCC standards. Consistent operation of the SVE system and groundwater extraction at RW-2 are expected to continue to improve groundwater conditions as the source area mass is removed near this well.
- *MW-11:* Total BTEX concentration has decreased from 4,461 to 2,887 µg/L since December 2024, with individual decreases in concentrations of benzene (3,600 to 2,400 µg/L) and total xylenes (520 to 180 µg/L). Concentrations of total naphthalenes (870 µg/L) and EDB (0.17 µg/L) remain above the standards. Continued operation of the remediation pump is expected to continue improving groundwater conditions.
- *MW-12:* Since December 2023, BTEX concentrations have decreased by approximately one order of magnitude, primarily due to a decrease in benzene concentration (540 to 80 µg/L). EDC concentration has decreased from 120 µg/L in December 2023 to below the standard. Concentrations of remaining COCs were either below the NMWQCC standards or laboratory reporting limits.
- *MW-13:* Concentrations of all COCs have decreased to below the NMWQCC standards for the first time since monitoring began. Continued pump operation is expected to continue improving groundwater conditions.
- *MW-15:* Since December 2023, benzene concentrations at this well have increased from 11 to 640 µg/L. Concentrations of EDB (0.028 to 0.57 µg/L) and EDC (<1.0 to 21 µg/L) have also increased, and are now above the NMWQCC standards. DBS&A will continue to monitor concentration trends in this downgradient well.
- *MW-16:* Since December 2024, total BTEX concentration has decreased from 450 to 31 µg/L, with benzene concentration decreasing from 440 to 28 µg/L. Concentrations of EDC have ranged from 110 to 27 µg/L since March 2023. Concentrations of all other COCs remained below the standards.
- *RW-1:* EDB concentration has decreased from 1.1 µg/L in December 2023 to 0.1 µg/L. Concentrations of all other COCs have remained below the NMWQCC standards. Consistent

pump operation is expected to continue to improve groundwater conditions as cleaner water migrates toward the well.

- *RW-2:* EDC concentration continued to be below the standard. Concentrations of benzene, toluene, ethylbenzene, total xylenes, EDB, and total naphthalenes remain above the NMWQCC standards; however, benzene concentration has decreased by an order of magnitude since monitoring began (3,500 to 690 µg/L). Groundwater conditions will continue to improve as source area mass is removed near this well through consistent operation of the remediation system.
- *RW-3:* Since December 2023, total BTEX concentration has decreased from 900 to 66 µg/L, with individual decreases in concentrations of benzene (320 to 0.54 µg/L), toluene (330 to 13 µg/L), and total xylenes (250 to 48 µg/L). Concentrations of EDB (4.4 µg/L) and EDC (45 µg/L) remain above the NMWQCC standards but have decreased since December 2023. Concentrations of all other COCs remained below the standards.
- *RW-4:* The total BTEX concentration has decreased by an order of magnitude since December 2023, from 6,360 to 630 µg/L. Although they remained above the NMWQCC standards, concentrations of EDC (85 µg/L) and EDB (20 µg/L) have also decreased since remediation began. This is a positive indicator of ongoing remediation system effectiveness. Consistent operation of this source area remediation well is expected to pull contaminated groundwater from under the roadway and potentially capture cleaner water from the north and east.

COC concentrations in wells BW-4, MW-14 and MW-17 continued to be below laboratory reporting limits or the NMWQCC standards.

4. Conclusions and Recommendations

The DPE remediation system is showing a positive impact on the source area. No measurable LNAPL was observed during this monitoring event, and COC concentrations in wells within the heart of the plume are generally decreasing. Consistent operation of remediation system components is expected to continue this positive trend.

A total mass of 149,085 pounds (24,847 gallons) of hydrocarbons have been removed from the site using the installed remediation equipment (148,949 pounds from vapor and 136 pounds from groundwater treatment). Installation of the catalyst module reduced oxidizer efficiency to

an average of 57 percent; however, utilities costs decreased and emissions remained below air permitting standards. The groundwater treatment system is operating within design parameters, with both lighter hydrocarbons (e.g., benzene and TPH GRO) and heavier halogenated hydrocarbons (e.g., EDB and EDC) removed at an average of 89 to 96 percent. Trends in contaminant concentrations will be monitored closely so that equipment can be operated within manufacturer specifications.

Continuation of the system-wide annual maintenance event was completed during the third quarter period on March 4, 2026. DBS&A expects flow rates and mass removal from the groundwater system to increase over subsequent quarters with all remediation wells back online. Additionally, DBS&A recommends that site-wide chemical dosing on a quarterly basis, at a minimum, to mitigate bacterial growth in the well casing and conveyance components.

On March 12, 2026, a meeting was held to discuss the data trends in downgradient monitor well MW-15 with appropriate stakeholders, including DBS&A, the City of Clovis, the water distributor in Clovis (EPCOR), and PSTB project managers. Concern was expressed regarding plume migration off-site and toward EPCOR Well #16, located 2,250 feet from MW-15. EPCOR Well #16 has pumped over 53,000,000 gallons of water since 2023, and ceasing pumping at this well is not feasible. Based on this meeting, DBS&A recommends installation of one or more monitor wells between MW-15 and EPCOR Well #16 to help define the extent of the plume and act as an early warning system for contamination nearing the drinking water supply well.

There is currently 12.75 feet of water column available in well MW-16, which is insufficient to install and operate an extraction pump. Due to the importance of MW-16 to the groundwater extraction network, DBS&A recommends replacement of this well.

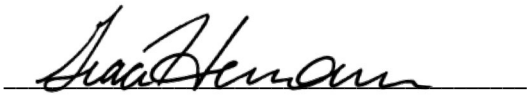
Well BW-7 was damaged before DBS&A became the consultant for the site. As a result, there has not been sufficient groundwater available for sample collection since December 2024. Previous analytical results were similar to those from BW-7R. Therefore, DBS&A recommends that BW-7 be plugged and abandoned.

When feasible, DBS&A recommends performing the remaining quarterly groundwater monitoring events similar to the current event, with collection of two sets of water level data (during pumping and static) and collection of remediation well groundwater samples with the system operating. If shutting off the remediation system could impact any the return to service of any component, the system will remain on and only pumping condition water levels will be recorded.

DBS&A recommends that the installed remediation system continue to operate in accordance with the approved work plan. O&M and evaluation of the remediation system will continue to be performed on a biweekly, quarterly, and annual basis (DBS&A, 2025). This evaluation will include a combination of field screening data and laboratory samples. The system will be operated and maintained for optimal efficiency and to maximize mass removal.

Statement of Familiarity

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature: 

Authorized Representative: Grace Herrmann, P.E.

Affiliation: Daniel B. Stephens & Associates, Inc.

Title: Project Engineer

Date: April 17, 2026

References

Daniel B. Stephens & Associates, Inc. (DBS&A). 2021. *Final remediation plan, Former Y Station State Lead Site, 721 Commerce Way, Clovis, New Mexico, Facility ID #53742, Release ID #4746, WPID #4134*. Prepared for New Mexico Environment Department Petroleum Storage Tank Bureau, Roswell, New Mexico. July 16, 2021. Revised August 12, 2021.

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from Grace Herrmann and James A. Kelsey to Renee Romero, New Mexico Environment Department Petroleum Storage Tank Bureau, regarding Revised work plan for quarterly remediation system operation and maintenance, Former Y Station State Lead Site, 721 Commerce Way, Clovis, New Mexico, Facility #53742, Release ID #4746. February 13, 2025.

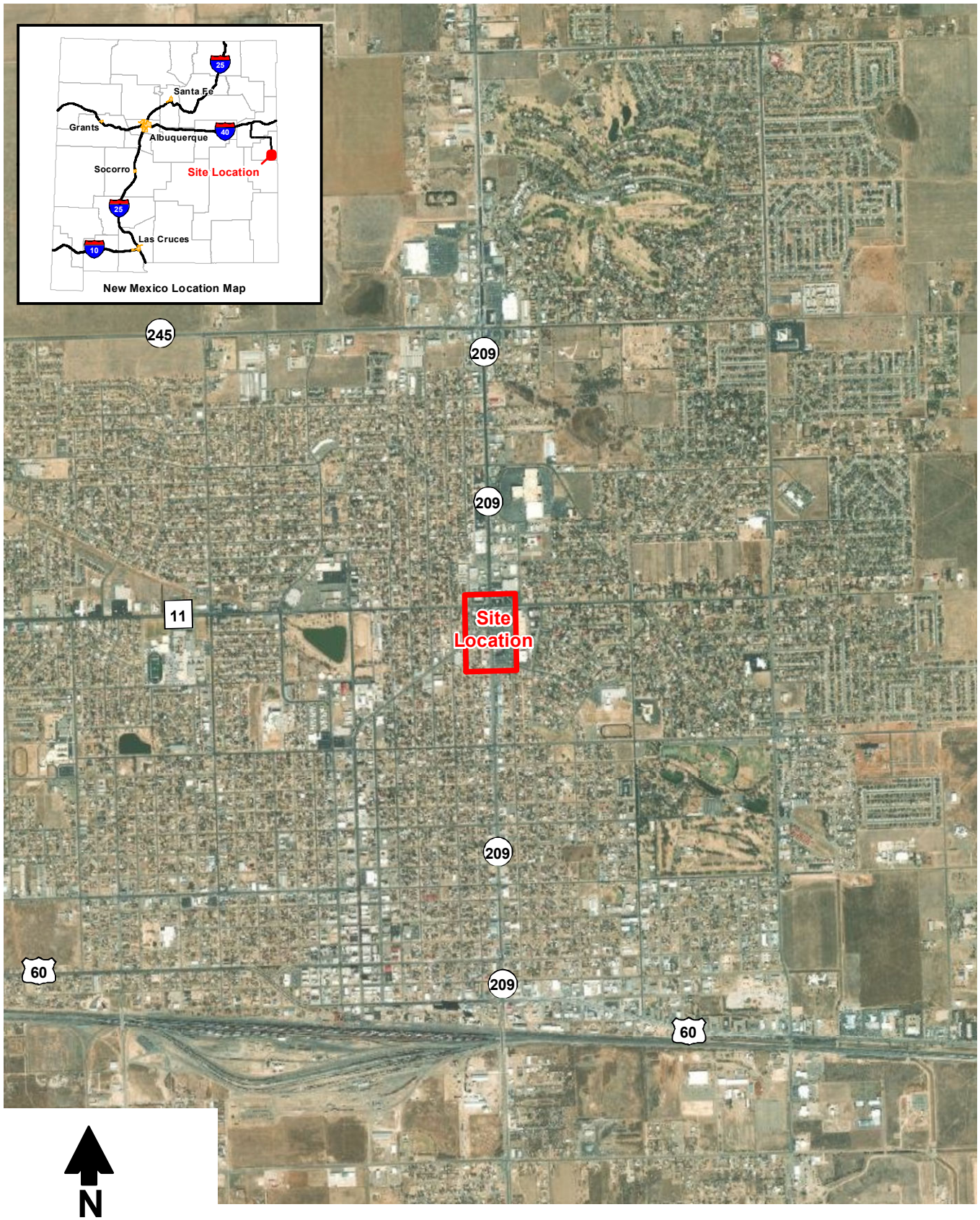
DBS&A. 2026a. Letter report from Grace Herrmann to Renee Romero, New Mexico Environmental Department Petroleum Storage Tank Bureau, regarding Letter report for oxidizer annual maintenance and conversion to catalytic mode, Former Y Station, 721 Commerce Way, Clovis, New Mexico, Facility #53742, Release ID #4746, WPID #4418. February 9, 2026.

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New Mexico Environment Department (NMED). 2025. Letter from Michael Ortiz to Grace Herrmann, DBS&A, regarding Phase 5 fixed-price workplan approval for the Former Y Station Site, 721 Commerce Way, Clovis, New Mexico, Facility #: 53742, Release ID #: 4746, WPID #: 4418. May 2, 2025.

Figures



S:\PROJECTS\DB18.1157_FORMER_Y_STATION\GIS\MXDS\F01_AREA_MAP.MXD

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3/17/2023 JN DB18.1157

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

Area Map

Figure 1

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Figure 2

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

Site Map

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3/17/2023 JN DB18.1157

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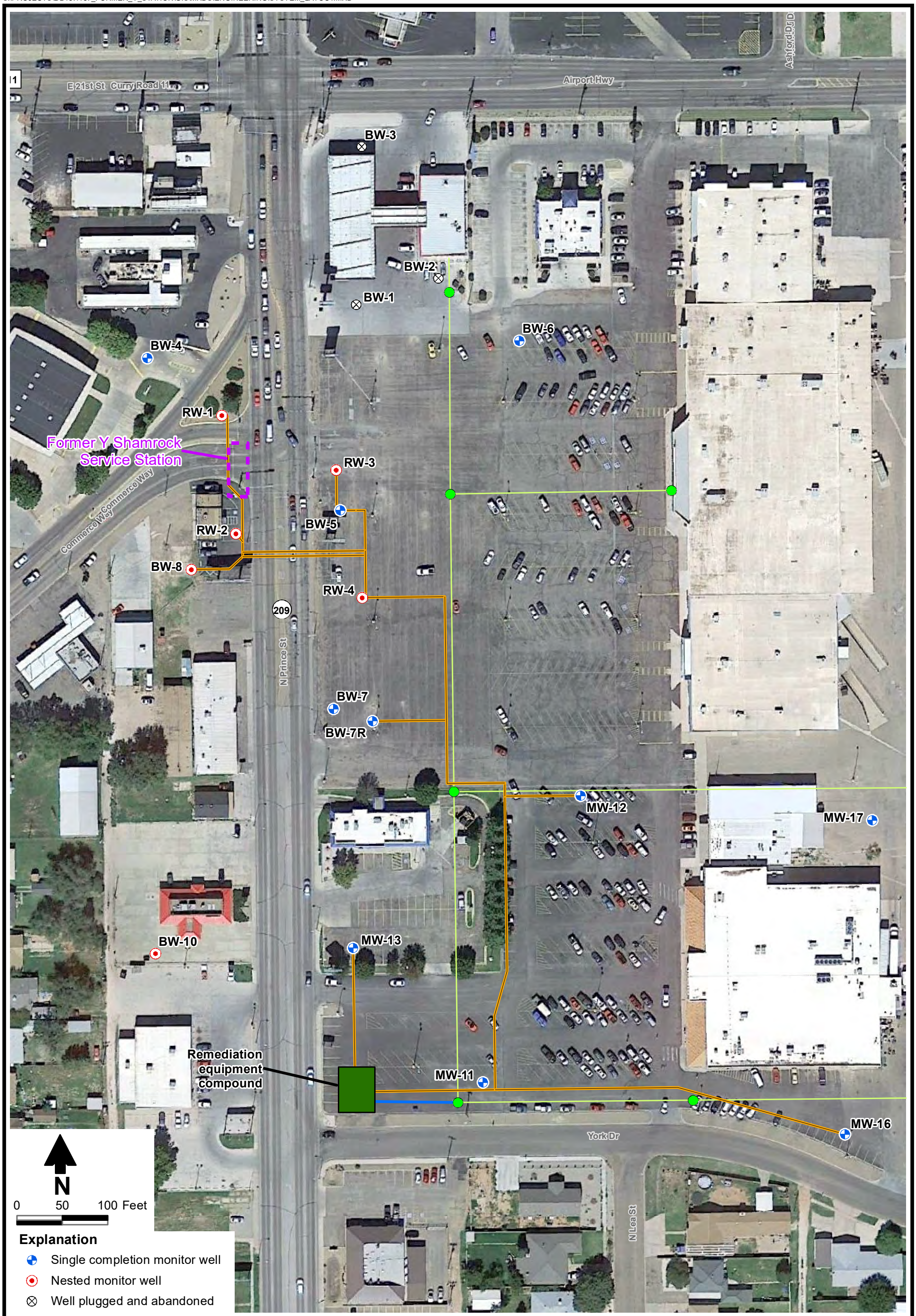


Figure 3

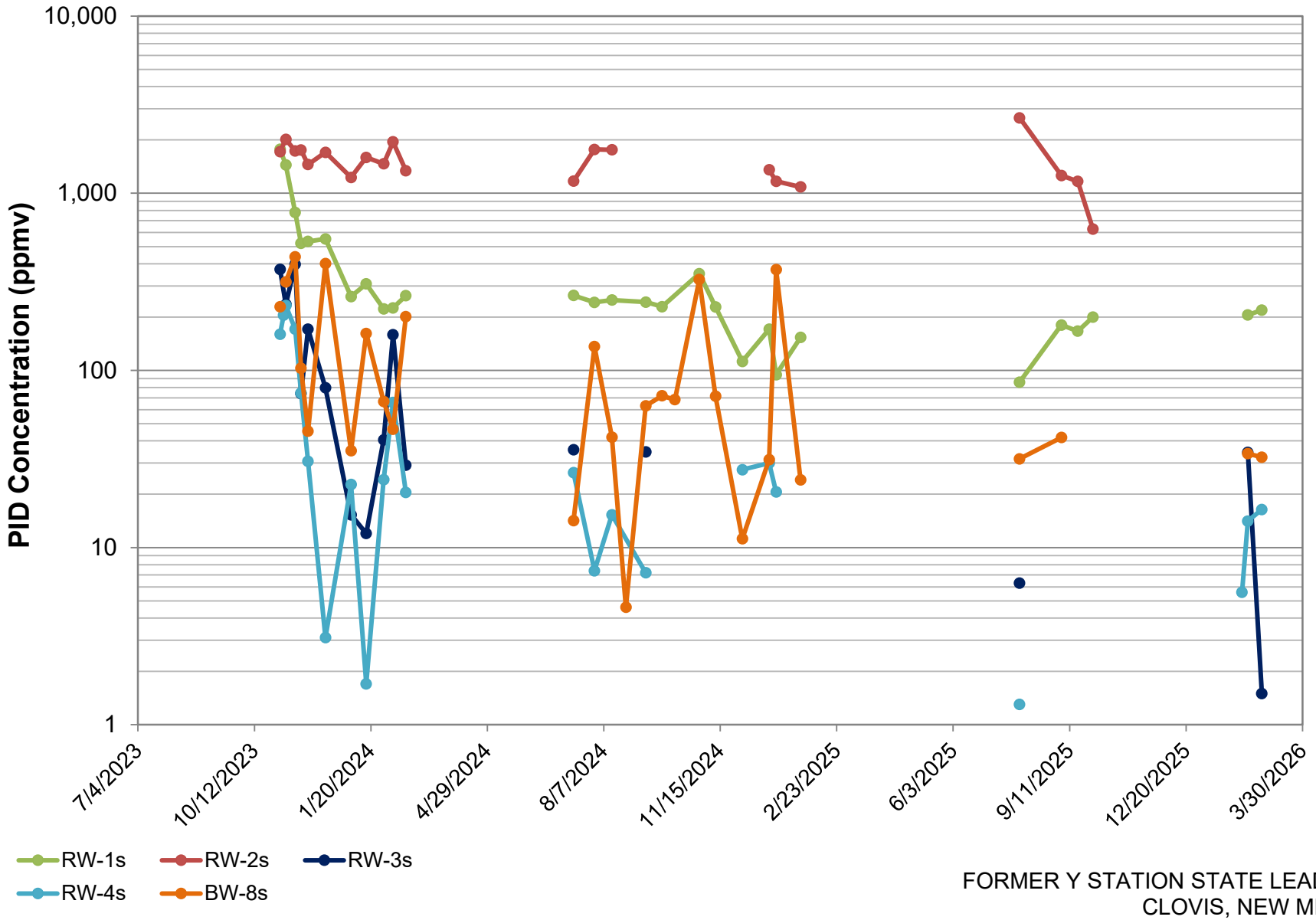
FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

Remediation System Layout

DBS&A
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3/17/2023 JN DB18.1157

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CLOVIS, NEW MEXICO

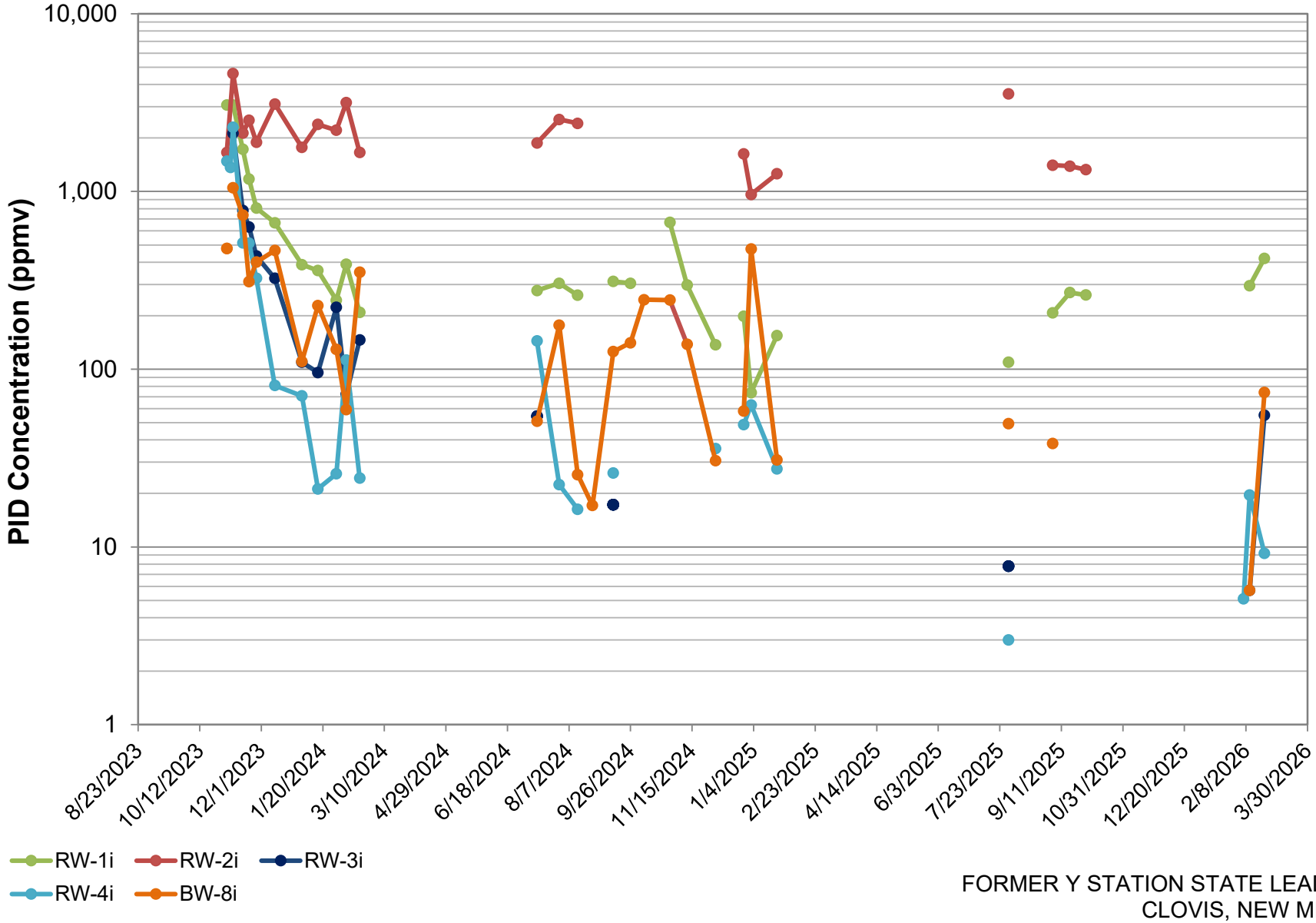
Field Screening PID Readings
Source Area Wells, Shallow Zone

Figure 4

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CLOVIS, NEW MEXICO

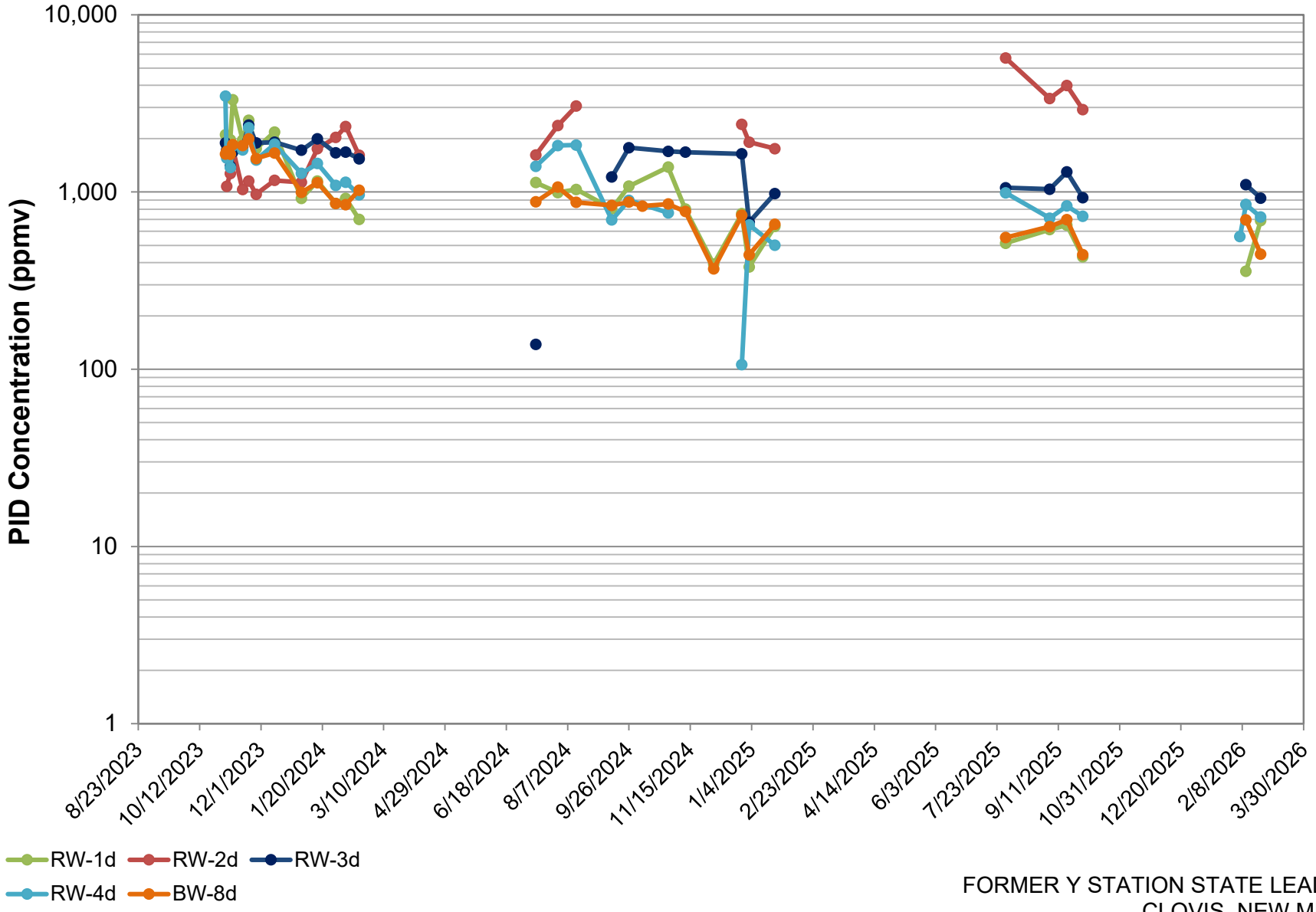
Field Screening PID Readings
Source Area Wells, Intermediate Zone

Figure 5

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4/16/2026 DB18.1157

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FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

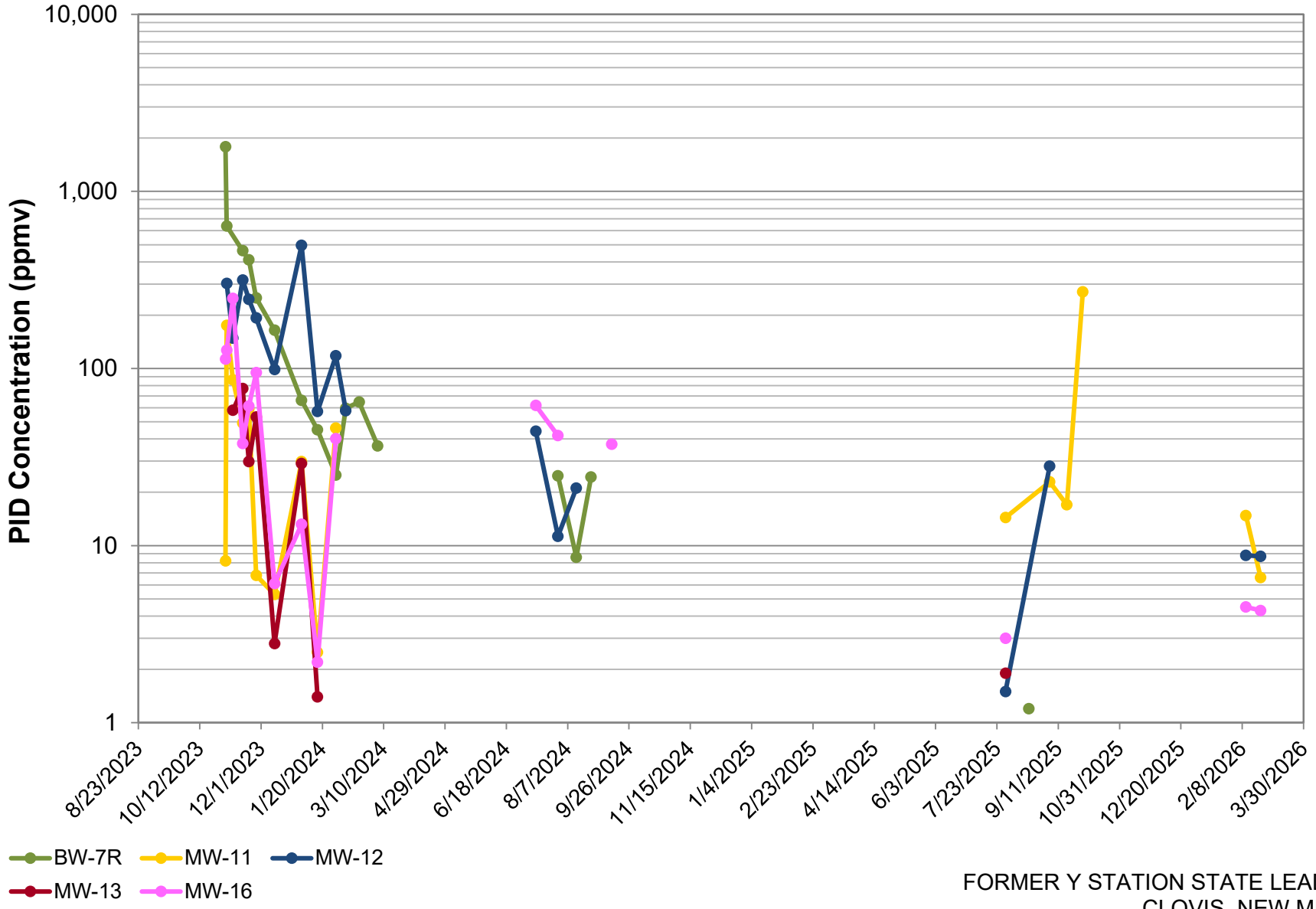
Field Screening PID Readings
Source Area Wells, Deep Zone

Figure 6

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CLOVIS, NEW MEXICO

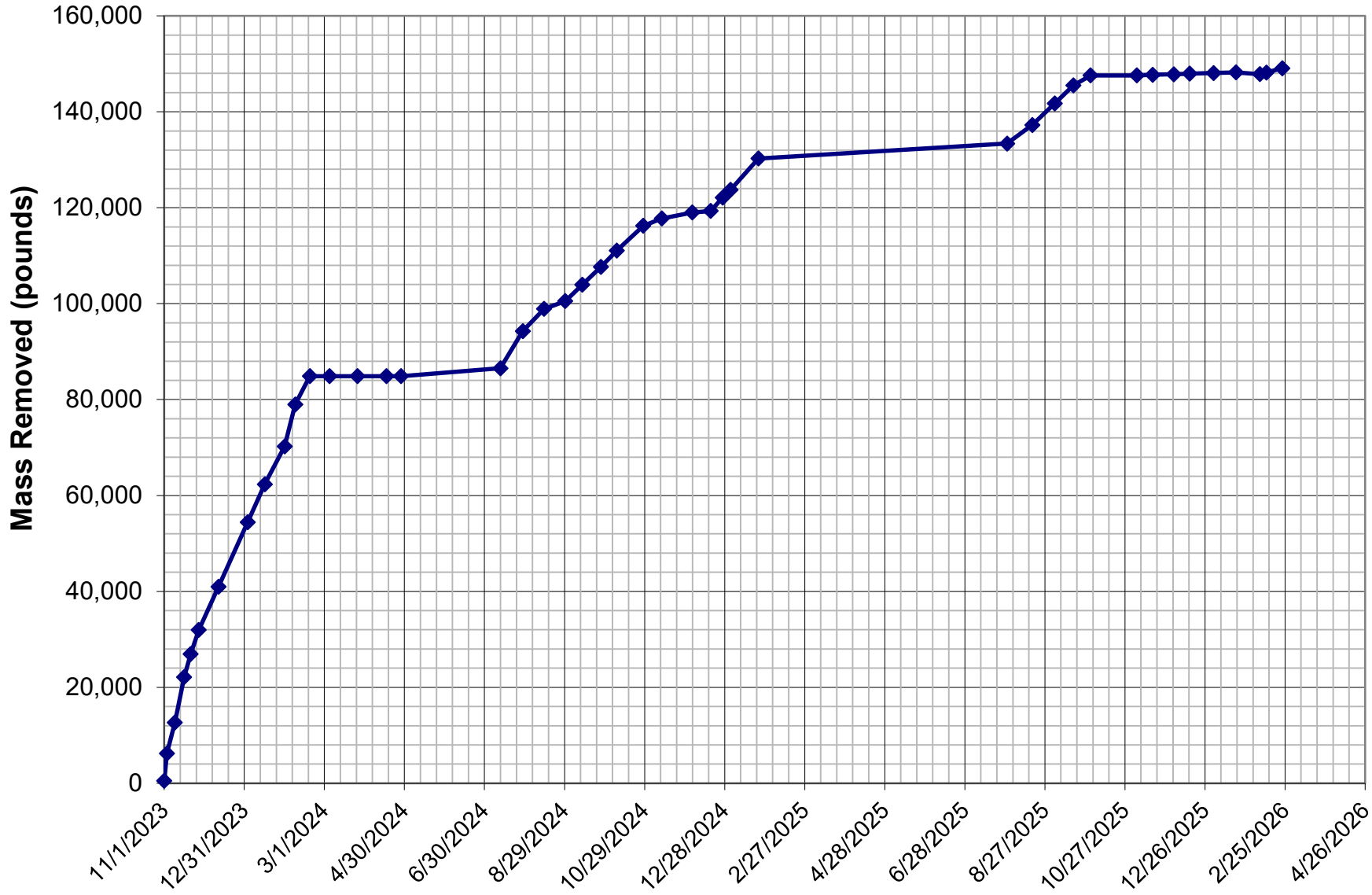
Field Screening PID Readings
Off-Site Wells

Figure 7

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4/16/2026 DB18.1157

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Note: Laboratory results from the influent raw water and vapor phases are used to calculate cumulative mass removal.

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

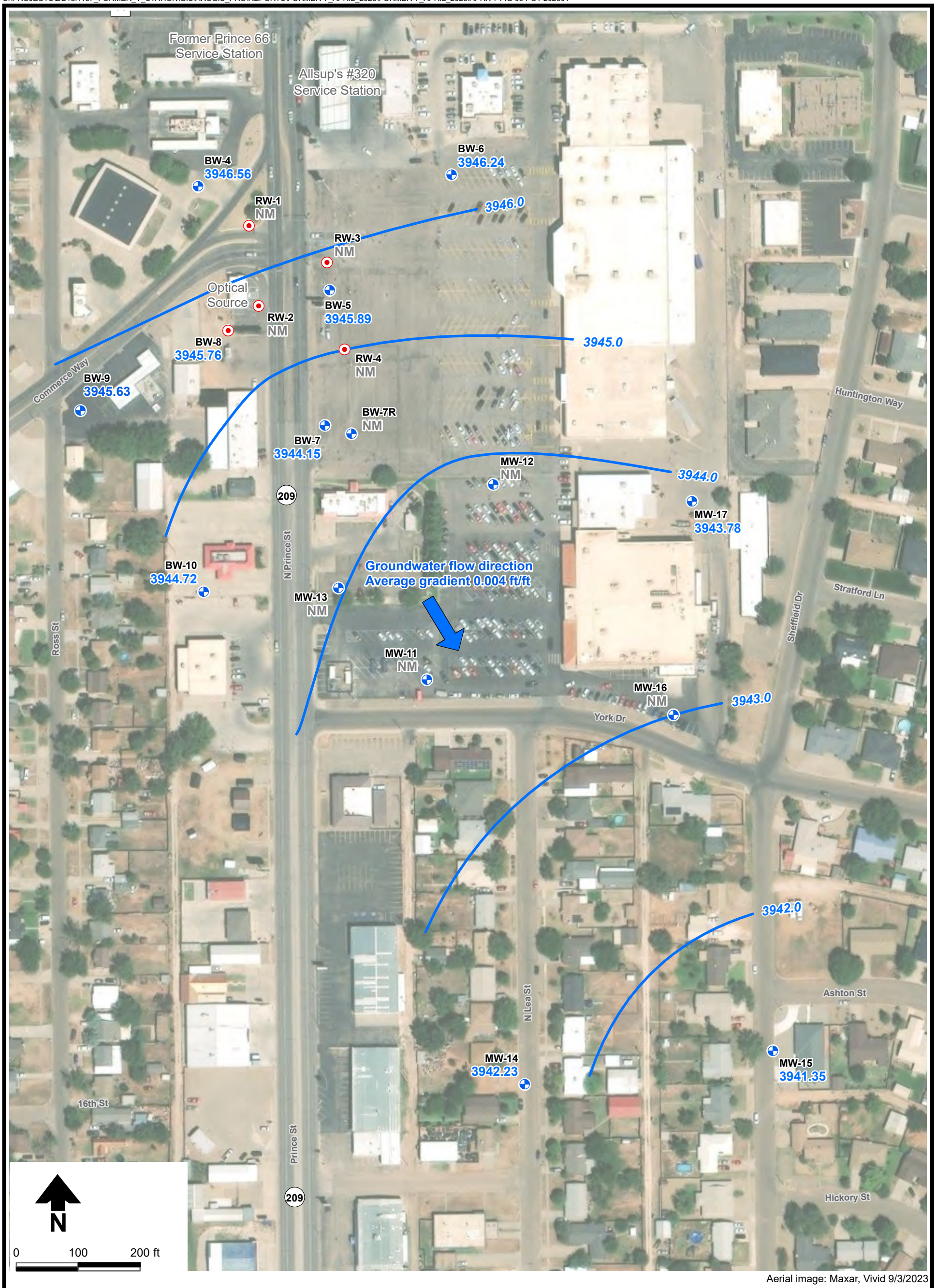
Cumulative Mass Removal

Figure 8

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4/16/2026 DB18.1157

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Aerial image: Maxar, Vivid 9/3/2023

Explanation

MW-14 Monitor well designation
3942.63 Potentiometric surface elevation (ft msl)
Single completion monitor well
Nested monitor well
Potentiometric surface elevation contour (ft msl)

Notes:
1. NM = No measurement because a pump is in the well

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

Potentiometric Surface Elevations
January 19 and 20, 2026

Figure 9

DBS&A
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3/4/2026 DB18.1157

BW-4			1/20/2026
<1.0	<1.0	<1.0	<1.5
<4.5	<0.0093	<1.0	<10
<1.0			

RW-1			2/12/2026
<1.0	2.0	0.57 [b]	6.6
9.2	**0.10**	1.8	<10
<1.0			

RW-2			2/12/2026
690	**6,600**	**820**	**7,600**
15,710	**4.80**	<5.0 [a]	**1,200**
<5.0			

BW-8			1/20/2026
220	76	99	290
685	0.021	2.6	**317**
<2.0			

RW-3			2/12/2026
0.54 [b]	13	5	48
66	**4.4**	**45**	7.8 [b]
6.8			

BW-5			1/20/2026
1.3	2.0	0.25 [b]	9.1
12.7	**2.6**	**80**	<10
2.6			

RW-4			1/20/2026
84	56	10 [b]	480
630	**20**	**85**	<200 [a]
<20			

BW-7R			1/20/2026
31	0.23 [b]	0.42 [b]	0.84 [b]
32.5	<0.0092	**67**	<10
<1.0			

MW-17			1/20/2026
<1.0	<1.0	<1.0	<1.5
<4.5	<0.0093	<1.0	<10
<1.0			

MW-12			1/20/2026
80	0.51 [b]	0.42 [b]	2.3
83	<0.0093	4.3	8.3
<1.0			

MW-13			1/20/2026
1.3 [b]	<2.0	<2.0	0.97 [b]
2.27	<0.0093	<2.0	<20
<2.0			

MW-11			2/12/2026
2,400	97 [b]	210	180
2,887	**0.17**	<100 [a]	**870**
<100 [a]			

MW-16			2/23/2026
28	<5.0	<5.0	2.9 [b]
31	0.023	**110**	<50 [a]
<5.0			

MW-15			1/20/2026
640	0.67 [b]	<1.0	30
670	**0.57**	**21**	<10
<1.0			

MW-14			1/20/2026
<1.0	<1.0	<1.0	<1.5
<4.5	<0.0095	<1.0	<10
<1.0			

Approximate location of former aboveground tanks
Former Y Shamrock Service Station

BW-6 NS
BW-7 NS
BW-9 NS
BW-10 NS

Commerce Way
Huntington Way
N Prince St
Ross St
Sheffield Dr
Stratford Ln
York Dr
N Lea St
Ashton St
16th St
Prince St
Hickory St
209

N

0 75 150 ft

Aerial image: Maxar, Vivid 8/20/2023

Explanation

- Nested monitor well
- Single completion monitor well

Location designation			Sample Date
Benzene	Toluene	Ethylbenzene	Total Xylenes
BTEX	EDB	EDC	Total Naphthalenes
MTBE			

Notes:
1. All concentrations reported in micrograms per liter (µg/L).
2. **RED** indicates concentration that exceeds NMWQCC standard.
3. [a] = Laboratory reporting limit is equal to or greater than the applicable standard.
4. [b] = Value is less than the laboratory reporting limit but was reported as an estimated concentration by the laboratory

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO
DPC Map
January 20, February 12, and February 23, 2026

Figure 10

DBS&A a Geo-Logic Company

3/11/2026 DB18.1157

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11

E 21st St Airport Hwy

BW-4
<1.0

RW-1
<1.0

RW-3
0.54 J

BW-5
1.3

RW-2
500
690

BW-8
220

RW-4
84

BW-9
NS

50

5

BW-7
NS

BW-7R
31

BW-6
NS

MW-12
80

MW-17
<1.0

209

BW-10
NS

MW-13
1.3 J

500

MW-11
2,400

MW-16
28

York Dr

Commerce Way

Huntington Way

Ross St

N Prince St

Sheffield Dr

Stratford Ln

MW-15
640

MW-14
<1.0

N Lea St

Ashton St

16th St

Prince St

Hickory St

N

0 75 150 ft

Explanation

- Nested monitor well
- Single completion monitor well
- Benzene isocontour (µg/L)
- Estimated Benzene isocountour (µg/L)

Notes:
1. All concentrations reported in micrograms per liter (µg/L).
2. **RED** indicates concentration that exceeds NMWQCC standard.
3. NS = Not sampled
4. [a] = Laboratory reporting limit is equal or greater than the NMWQCC standard
5. J = Value was less than the laboratory reporting limit but was reported as an estimated concentration by the laboratory

Aerial image: Maxar, Vivid 9/3/2023

Figure 11

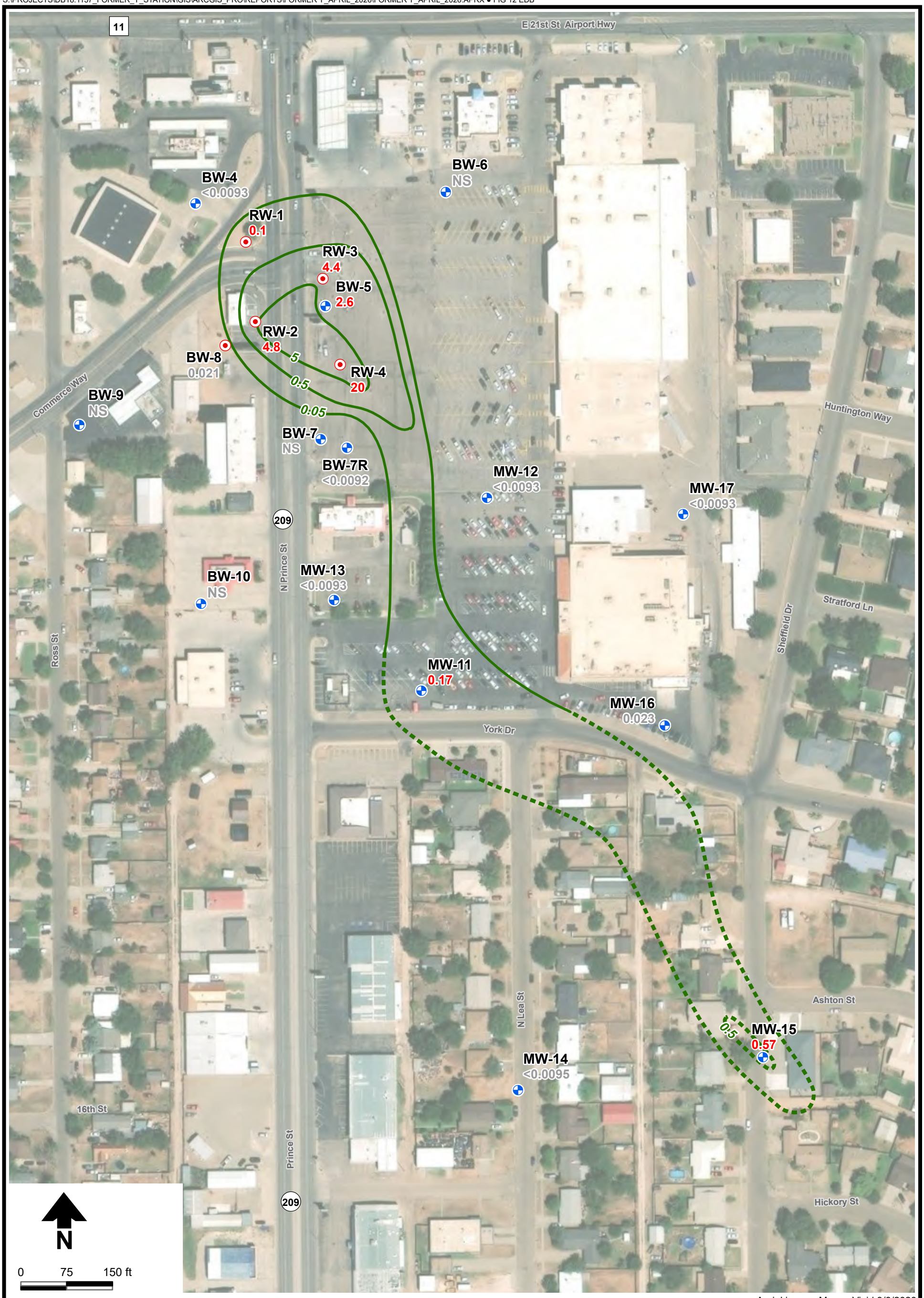
DBS&A
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3/12/2026 DB18.1157

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

Benzene Isoconcentration Map
January 20, February 12, and February 23, 2026

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Aerial image: Maxar, Vivid 9/3/2023

Explanation

- Nested monitor well
- Single completion monitor well
- EDB isocontour (µg/L)
- Estimated EDB isocontour (µg/L)

Notes:

1. All concentrations reported in micrograms per liter (µg/L).
2. **RED** indicates concentration that exceeds NMWQCC standard.
3. NS = Not sampled
4. [a] = Laboratory reporting limit is equal or greater than the NMWQCC standard
5. J = Value was less than the laboratory reporting limit but was reported as an estimated concentration by the laboratory

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

EDB Isococentration Map
January 20, February 12, and February 23, 2026

Figure 12

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3/9/2026 DB18.1157

S:\PROJECTS\DB18.1157_FORMER_Y_STATION\GIS\ARCGIS_PRO\REPORTS\FORMER Y_APRIL_2026\FORMER Y_APRIL_2026.APRX ● FIG 13 EDC



Aerial image: Maxar, Vivid 9/3/2023

Explanation

- Nested monitor well
- Single completion monitor well
- EDC isocontour (µg/L)
- Estimated EDC isocontour (µg/L)

Notes:
1. All concentrations reported in micrograms per liter (µg/L).
2. **RED** indicates concentration that exceeds NMWQCC standard.
3. NS = Not sampled
4. [a] = Laboratory reporting limit is equal or greater than the NMWQCC standard
5. J = Value was less than the laboratory reporting limit but was reported as an estimated concentration by the laboratory

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

EDC Isoconcentration Map
January 20, February 12, and February 23, 2026

Figure 13

DBS&A
a Geo-Logic Company

3/9/2026 DB18.1157

Tables

Table 1. SVE System Manifold and Oxidizer Operation Data
Page 1 of 2

Date	Oxidizer Hours	Time	SVE Line 1			SVE Line 2			SVE Line 3			Combined Influent			Oxidizer Effluent	DPE Blower	
			PID (ppmv)	Flow [a] (cfm)	Vac [b] (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac [b] (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac [b] (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac [b] (in. H_2O)	PID (ppmv)	Flow [c] (cfm)	Vac [d] (in. H_2O)
11/1/2023	NA	13:56	7,332	581	42	398	222	41	NA	NA	NA	15,000	902	42	3,193	NA	NA
11/2/2023	31	8:45	2,231	932	47	312	267	47	NA	NA	NA	1,718	761	48	1,374	NA	42
11/3/2023	58	15:08	1,505	675	44	261	288	44	NA	NA	NA	1,446	1,005	44	481	762	47
11/8/2023	175	7:10	1,804	NA	45	312	NA	44	70	NA	45	1,564	NA	45	399	750	50
11/16/2023	368	14:10	1,703	815	44	230	292	44	169	66	43	1,368	1,008	45	219	766	48
11/21/2023	485	13:47	1,885	843	46	195	304	46	9	64	45	1,523	1,031	47	171	762	53
11/27/2023	633	13:16	1,480	674	50	142	295	49	77	66	48	1,105	946	50	92	765	53
12/12/2023	963	8:00	1,525	1,460	53	78	311	50	56	72	51	825	950	51	46	775	56
1/3/2024	1,463	7:30	1,293	1,079	53	76	353	52	15	82	51	788	1,090	54	189	775	56
1/16/2024	1,756	14:00	538	1,351	57	31	485	48	25	127	48	702	1,400	55	54	781	57
1/31/2024	2,115	8:30	1,243	1,419	54	132	378	52	NR	NR	21	896	1,285	54	82	764	59
2/8/2024	2,301	8:40	1,329	1,290	59	119	287	59	Off			1,026	1,017	61	59	725	68
2/19/2024	2,568	13:00	776	1,633	66	64	301	65	Off			643	974	65	38	729	69
3/5/2024	SVE system off due to thermal oxidizer fault																
3/26/2024																	
4/17/2024																	
4/28/2024																	
7/12/2024	2,623	12:18	755	980	54	9	246	54	Off			394	1,045	54	27	777	48
7/29/2024	3,031	15:22	916	686	49	51	277	48	Off			750	1,004	49	56	754	51
8/14/2024	3,309	15:53	1,349	785	58	78	293	57	Off			948	962	59	73	755	57
8/26/2024	3,609	9:20	NR	717	66	NR	286	65	Off			NR	947	67	NR	727	63
9/12/2024	3,953	7:06	520	917	68	20	237	68	Off			399	961	68	44	739	65
9/26/2024	4,254	8:00	697	804	75	Off			Off			640	608	76	4	508	74
10/7/2024	4,541	7:10	621	468	71	Off			Off			562	468	71	48	513	74
10/28/2024	5,006	7:26	719	NR	52	Off			Off			719	NR	52	42	535	68
11/11/2024	5,450	13:45	595	815	54	Off			Off			595	815	54	16	600	57
12/4/2024	5,639	10:00	396	841	54	Off			Off			396	841	54	11	576	58
12/18/2024	5,680	10:52	NR	NR	NR	Off			Off			NR	NR	NR	NR	614	66
12/27/2024	5,845	11:30	1,560	NR	63	Off			Off			1,560	NR	63	NR	583	65
1/2/2025	6,013	7:30	373	1,014	61	Off			Off			373	1,014	61	15	603	65
1/23/2025	6,358	13:20	919	NR	67	Off			Off			919	NR	67	5	584	72

Notes are provided on the next page.

Table 1. SVE System Manifold and Oxidizer Operation Data
Page 2 of 2

Date	Oxidizer Hours	Time	SVE Line 1			SVE Line 2			SVE Line 3			Combined Influent			Oxidizer Effluent	DPE Blower	
			PID (ppmv)	Flow [a] (cfm)	Vac [b] (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac [b] (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac [b] (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac [b] (in. H_2O)	PID (ppmv)	Flow [c] (cfm)	Vac [d] (in. H_2O)
7/30/2025	6,718	13:42	680	657	47	52	283	47	9	59	46	743	978	48	224	770	51
8/18/2025	7,132	7:15	NR	388	49	NR	87	48	NR	11	49	NR	NR	NR	NR	NR	NR
9/4/2025	7,542	12:53	959	726	69	38	113	69	NR	Off		843	766	70	27	567	68
9/18/2025	7,875	6:38	1,039	714	70	20	116	70	NR	Off		1,113	730	71	18	580	71
10/1/2025	8,187	10:25	398	NR	59	51	NR	59	NR	NR	NR	548	NR	60	125	NR	65
11/5/2025	8,644	13:00	System off due to faulty actuator														
11/17/2025	8,644	8:26															
12/3/2025	8,766	11:10															
12/15/2025	8,766	10:20															
12/30/2025	8,766	10:34															
1/2/2026	8,766	10:34															
1/12/2026	8,766	6:40															
1/29/2026	8,766	6:40															
2/6/2026	8,867	12:00	406	615	NR	NR	NR	NR	53	1	NR	177	NR	58	120	767	61
2/11/2026	8,983	8:03	396	722	51	10	NR	53	13	2	51	278	NR	53	115	773	60
2/23/2026	9,270	7:58	309	852	57	27	310	57	Off			267	1,051	59	103	756	63

[a] Vapor flow reading measured with a VelociCalc flow meter.

[b] Vacuum reading taken from the combined influent sample port using a digital manometer.

[c] Vapor flow reading taken from soil vapor extraction (SVE) system control panel, which converts flow from data collected by an averaging pitot tube.

[d] Vacuum reading taken from SVE system control panel.

PID = Photoionization detector
ppmv = Parts per million by volume
cfm = Cubic feet per minute
in. H_2O = Inches water column
NA = Not available
NR = No reading

Table 2. SVE System Wellhead Operation Data
Page 1 of 6

Date	Time	RW-1s			RW-1i			RW-1d			RW-2s			RW-2i			RW-2d			RW-3s			RW-3i		
		PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)
11/2/2023	NR	NR	NR	NR	NR	NR	NR	2,106	59	29	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
11/3/2023	NR	1,773	NR	30	3,065	NR	30	1,829	55	30	1,719	NR	30	1,658	NR	29	1,075	31	29	373	NR	30	NR	NR	NR
11/6/2023	15:49	NR	NR	NR	NR	NR	NR	1,970	NR	31	NR	NR	NR	NR	NR	NR	1,269	NR	32	NR	NR	NR	NR	NR	NR
11/8/2023	7:26	1,445	NR	32	3,063	NR	32	3,321	NR	33	2,016	NR	37	4,609	NR	41	1,751	NR	45	236	NR	34	2,128	NR	34
11/16/2023	7:39	779	45	31	1,729	31	32	1,968	56	32	1,733	50	33	2,129	41	33	1,033	30	33	397	37	35	782	31	36
11/21/2023	15:45	522	53	29	1,177	33	29	2,542	53	29	1,755	49	34	2,517	42	33	1,155	29	33	74	37	35	632	32	35
11/27/2023	13:46	535	45	33	808	31	34	1,755	49	34	1,453	47	36	1,894	40	35	972	28	35	171	37	35	433	31	35
12/12/2023	8:00	553	45	34	666	29	34	2,180	41	34	1,703	42	35	3,108	34	34	1,164	27	34	80	36	36	325	28	36
1/3/2024	10:30	261	34	31	388	29	32	921	37	32	1,228	33	33	1,771	34	32	1,135	24	32	15	33	34	110	28	34
1/16/2024	8:00	308	55	29	359	31	30	1,152	51	30	1,593	46	33	2,383	NR	31	1,757	32	31	12	34	32	96	12	32
1/31/2024	8:30	223	49	30	245	32	30	863	43	30	1,468	47	35	2,212	48	34	2,033	35	33	41	42	35	223	34	35
2/8/2024	8:40	226	58	37	390	35	38	921	60	37	1,951	52	39	3,166	46	37	2,344	33	37	159	41	43	72	34	42
2/19/2024	13:00	264	53	39	209	34	40	701	57	39	1,342	53	43	1,657	51	43	1,612	33	43	29	48	45	146	39	45
3/5/2024	SVE system off due to thermal oxidizer fault																								
3/26/2024																									
4/17/2024																									
4/28/2024																									
7/12/2024	14:50	265	49	31	277	34	31	1,131	52	31	1,170	53	34	1,874	48	32	1,617	32	33	36	35	27	55	27	27
7/30/2024	19:33	242	54	32	305	35	32	992	54	32	1,769	55	34	2,542	48	33	2,373	33	33	Off (valve closed)			Off (valve closed)		
8/14/2024	7:47	250	62	39	261	42	40	1,035	65	39	1,759	60	42	2,419	54	41	3,057	40	41	Off (valve closed)			Off (valve closed)		
8/26/2024	16:16	NR	68	42	NR	44	43	NR	NR	42	NR	76	46	NR	70	46	Off (valve closed)			Off (valve closed)			Off (valve closed)		
9/12/2024	10:30	243	65	45	312	43	45	805	68	45	Off (pump out of well)			Off (pump out of well)			Off (pump out of well)			35	53	48	17	43	48
9/26/2024	7:40	229	77	52	305	53	52	1,079	84	52	Off (pump out of well)			Off (pump out of well)			Off (pump out of well)			Off (valve closed)			Off (valve closed)		
10/7/2024	7:10	NR	67	49	NR	49	50	NR	80	49	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
10/28/2024	NR	352	NR	34	670	NR	35	1383	NR	34	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
11/11/2024	14:00	228	61	36	297	40	36	801	66	37	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
12/4/2024	12:13	112	58	35	137	38	35	392	59	35	NR	58	38	NR	50.4	36.8	NR	45	37	Off (valve closed)			Off (valve closed)		
12/18/2024	11:30	NR	52	NR	NR	42	NR	NR	44	NR	NR	56	NR	NR	43	NR	NR	54	NR	Off (valve closed)			Off (valve closed)		
12/27/2024	11:40	171	NR	37	199	NR	37	755	NR	37	1,357	NR	40	1,627	NR	38	2,411	NR	38	Off (valve closed)			Off (valve closed)		
1/2/2025	7:30	95	59	36	74	37	37	378	61	36	1,168	57	40	962	50	39	1,913	47	39	Off (valve closed)			Off (valve closed)		
1/23/2025	13:20	154	58	37	155	33	38	640	57	37	1,086	61	42	1,258	56	40	1,758	50	40	Off (valve closed)			Off (valve closed)		
7/30/2025	13:42	86	53	33	109	47	33	514	51	32	2,666	50	34	3,543	44	33	5,707	35	33	6.3	41.08	34.8	7.8	41.05	34.8
8/18/2025	7:15	NR	34	34	NR	20	34	NR	58	34	NR	27	37	NR	27	37	NR	45	36	Off (valve closed)			Off (valve closed)		
9/4/2025	7:00	181	69	43	208	46	44	614	75	43	1,261	36	42	1,407	56	40	3,370	52	40	Off (valve closed)			Off (valve closed)		

Notes are provided at the end of the table.

Table 2. SVE System Wellhead Operation Data
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Date	Time	RW-1s			RW-1i			RW-1d			RW-2s			RW-2i			RW-2d			RW-3s			RW-3i		
		PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)
9/18/2025	6:38	167	70	46	270	45	47	651	76	46	1,167	52	52	1,389	52	50	3,987	62	50	Off (valve closed)			Off (valve closed)		
10/1/2025	10:25	200	NR	41	262	NR	44	431	NR	42	627	NR	48	1,328	NR	47	2,920	NR	47	Off (valve closed)			Off (valve closed)		
11/5/2025	SVE system off due to faulty actuator																								
11/17/2025																									
12/3/2025																									
12/15/2025																									
1/2/2026																									
1/19/2026																									
2/6/2026	12:00	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2/11/2026	8:03	205	64	36	295	44	37	357	66	37	NR	NR	NR	NR	NR	NR	NR	NR	NR	35	56	43	6	42	43
2/23/2026	7:58	219	60	32	421	62	33	690	66	33	NR	NR	NR	NR	NR	NR	NR	NR	NR	2	46	38	55	38	38

Notes are provided at the end of the table.

Table 2. SVE System Wellhead Operation Data
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Date	Time	RW-3d			RW-4s			RW-4i			RW-4d			BW-8s			BW-8i			BW-8d			BW-7R		
		PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)
11/2/2023	NR	1,892	39	29	NR	NR	NR	NR	NR	NR	3,479	48	30	NR	NR	NR	NR	NR	NR	1,638	47	30	1,786	66	31
11/3/2023	NR	1,730	46	23	160	NR	35	1,483	NR	34	1,552	11	9	229	NR	27	479	NR	28	1,694	55	34	638	63	34
11/6/2023	15:49	1,398	NR	33	205	NR	37	1,365	NR	36	1,376	NR	34	NR	NR	NR	NR	NR	NR	1,631	NR	31	NR	NR	NR
11/8/2023	7:26	1,680	NR	34	232	NR	41	2,297	NR	39	1,819	NR	38	316	NR	33	1,051	NR	32	1,854	NR	33	463	NR	33
11/16/2023	7:39	1,792	40	36	171	43	36	513	48	37	1,727	46	36	438	60	32	736	41	33	1,829	39	33	411	60	33
11/21/2023	15:45	2,384	40	35	75	41	38	512	50	37	2,303	49	36	103	65	32	312	42	32	1,995	39	32	250	60	34
11/27/2023	13:46	1,891	40	37	31	39	40	325	46	39	1,517	45	38	45	62	33	401	39	34	1,545	37	34	164	60	34
12/12/2023	8:00	1,911	34	36	3	45	40	81	41	40	1,861	43	40	402	57	33	466	38	33	1,660	36	33	66	50	36
1/3/2024	10:30	1,722	37	34	23	45	39	71	41	38	1,274	43	38	35	53	30	111	37	31	994	36	31	45	43	31
1/16/2024	8:00	1,994	42	32	2	53	37	21	48	36	1,448	49	36	162	59	29	228	41	29	1,129	41	29	25	58	29
1/31/2024	8:30	1,662	44	35	24	59	39	26	51	38	1,089	54	38	67	64	31	129	42	31	862	41	31	60	60	32
2/8/2024	8:40	1,682	46	42	66	62	47	113	54	44	1,136	53	44	47	65	37	59	43	37	847	44	37	65	83	48
2/19/2024	13:00	1,539	50	44	21	55	48	24	55	47	966	63	48	201	45	40	351	45	41	1,024	46	41	37	88	48
3/5/2024	SVE system off due to thermal oxidizer fault																								
3/26/2024																									
4/17/2024																									
4/28/2024																									
7/12/2024	14:50	138	NR	26	27	57	36	144	50	35	1,396	49	35	14	61	32	51	43	32	880	53	32	25	70	36
7/30/2024	19:33	Off (valve closed)			7	56	35	22	46	35	1,830	44	35	136	62	32	177	45	32	1,066	51	32	9	68	35
8/14/2024	7:47	Off (valve closed)			15	71	48	16	59	46	1,841	59	46	42	72	39	26	52	39	875	59	39	24	80	43
8/26/2024	16:16	Off (valve closed)			NR	76	52	NR	60	51	NR	62	51	5	85	46	17	63	46	NR	70	46	NR	88	47
9/12/2024	10:30	1,215	64	48	7	74	50	26	62	48	695	57	48	63	77	44	126	58	44	842	68	44	Off (valve closed)		
9/26/2024	7:40	1,780	89	62	Off (valve closed)			Off (valve closed)			898	86	64	72	90	51	141	67	51	878	84	51	Off (valve closed)		
10/7/2024	7:10	NR	87	58	Off (valve closed)			Off (valve closed)			NR	92	63	68	84	48	246	62	48	833	72	48	Off (valve closed)		
10/28/2024	8:00	1,698	NR	43	Off (valve closed)			Off (valve closed)			763	NR	44	326	NR	35	245	NR	35	856	NR	35	Off (valve closed)		
11/11/2024	14:00	1,678	75	44	Off (valve closed)			Off (valve closed)			Off (valve closed)			71	74	36	138	64	36	776	65	36	Off (valve closed)		
12/4/2024	12:13	NR	60	44	28	64	43	36	57	42	NR	49	42	11	72	36	31	50	36	368	50	36	Off (valve closed)		
12/18/2024	11:30	NR	60	NR	NR	65	NR	NR	54	NR	NR	56	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	Off (valve closed)		
12/27/2024	11:40	1,643	NR	44	30	NR	46	49	NR	45	106	NR	45	31	NR	37	58	NR	37	738	NR	37	Off (valve closed)		
1/2/2025	7:30	675	58	47	21	68	48	63	64	46	653	65	46	370	69	35	475	40	35	442	49	35	Off (valve closed)		
1/23/2025	13:20	980	60	49	Off (valve closed)			28	71	50	501	60	51	24	74	40	31	52	40	658	52	40	Off (valve closed)		
7/30/2025	13:42	1058	29	35	1.3	55.03	37.2	3	50	36	989	46	36	32	63	33	49	44	32	553	43	33	1	60	32
8/18/2025	7:15	NR	28	42	Off (valve closed)			Off (valve closed)			NR	33	43	NR	31	34	NR	33	35	NR	35	35	Off (valve closed)		
9/4/2025	7:00	1037	67	52	Off (valve closed)			Off (valve closed)			713	76	54	42	75	38	38	55	38	639	56	38	Off (valve closed)		

Notes are provided at the end of the table.

Table 2. SVE System Wellhead Operation Data
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Date	Time	RW-3d			RW-4s			RW-4i			RW-4d			BW-8s			BW-8i			BW-8d			BW-7R		
		PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (scfm)	Vac (in. H_2O)
9/18/2025	6:38	1298	70	57	Off (valve closed)			Off (valve closed)			835	68	58	Off (valve closed)			Off (valve closed)			698	78	57	Off (valve closed)		
10/1/2025	10:25	929	NR	55	Off (valve closed)			Off (valve closed)			730	NR	55	Off (valve closed)			Off (valve closed)			443	NR	53	Off (valve closed)		
11/5/2025	SVE system off due to faulty actuator																								
11/17/2025																									
12/3/2025																									
12/15/2025																									
1/2/2026																									
1/19/2026																									
2/6/2026	12:00	NR	NR	NR	6	77	43	5	64	43	560	62	42	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2/11/2026	8:03	1099	69	43	14	75	48	20	61	46	850	62	46	34	79	36	6	57	36	696	NR	36	7	93	42
2/23/2026	7:58	924	63	38	16	69	40	9	63	39	722	63	39	32	73	33	74	49	32	446	NR	32	NR	NR	NR

Notes are provided at the end of the table.

Table 2. SVE System Wellhead Operation Data
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Date	Time	MW-11			MW-12			MW-13			MW-16		
		PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)
11/2/2023	NR	8	67	32	NR	NR	NR	Off (valve closed)			113	108	35
11/3/2023	NR	175	64	38	303	64	34	NR	NR	NR	127	98	34
11/6/2023	15:49	NR	NR	35	NR	NR	NR	NR	NR	33	NR	NR	33
11/8/2023	7:26	86	NR	39	148	NR	7	58	NR	36	249	NR	35
11/16/2023	7:39	49	64	35	316	64	32	77	65	33	38	102	31
11/21/2023	15:45	59	60	37	246	64	33	30	63	35	61	96	33
11/27/2023	13:46	7	59	39	193	64	35	53	64	36	95	96	36
12/12/2023	8:00	5	66	41	99	58	38	3	55	36	6	93	36
1/3/2024	10:30	30	53	41	497	60	35	29	53	36	13	86	36
1/16/2024	8:00	3	69	40	57	70	33	1	65	34	2	115	34
1/31/2024	8:30	46	69	41	118	76	37	Off (valve closed)			40	109	36
2/8/2024	8:40	Off (valve closed)			58	92	49	Off (valve closed)			Off (valve closed)		
2/19/2024	13:00	Off (valve closed)			NR	NR	NR	Off (valve closed)			Off (valve closed)		
3/5/2024	SVE system off due to thermal oxidizer fault												
3/26/2024													
4/17/2024													
4/28/2024													
7/12/2024	14:50	Off (valve closed)			44	73	37	Off (valve closed)			62	105	36
7/30/2024	19:33	Off (valve closed)			11	71	36	Off (valve closed)			42	115	35
8/14/2024	7:47	Off (valve closed)			21	83	44	Off (valve closed)			NR (well inaccessible)		
8/26/2024	16:16	Off (valve closed)			NR	87	47	Off (valve closed)			NR	125	48
9/12/2024	10:30	Off (valve closed)			NR	NR	NR	Off (valve closed)			37	NR	51
9/26/2024	7:40	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
10/7/2024	7:10	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
10/28/2024	8:00	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
11/11/2024	14:00	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
12/4/2024	12:13	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
12/18/2024	11:30	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
12/27/2024	11:40	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
1/2/2025	7:30	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
1/23/2025	13:20	Off (valve closed)			Off (valve closed)			Off (valve closed)			Off (valve closed)		
7/30/2025	NR	14	85	38	2	51	33	2	64	35	3	97	34
8/18/2025	7:15	#N/A	77	45	#N/A	44	38	Off (valve closed)			Off (valve closed)		
9/4/2025	7:00	23	82	64	28	77	53	Off (valve closed)			Off (valve closed)		

Notes are provided at the end of the table.

Table 2. SVE System Wellhead Operation Data
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Date	Time	MW-11			MW-12			MW-13			MW-16		
		PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)	PID (ppmv)	Flow [a] (cfm)	Vac (in. H_2O)
9/18/2025	6:38	17	91	63	Off (valve closed)			Off (valve closed)			Off (valve closed)		
10/1/2025	10:25	271	#N/A	60	Off (valve closed)			Off (valve closed)			Off (valve closed)		
11/5/2025	SVE system off due to faulty actuator												
11/17/2025													
12/3/2025													
12/15/2025													
1/2/2026													
1/19/2026													
2/6/2026	12:00	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2/11/2026	8:03	15	76	49	9	72	43	NR	NR	NR	5	121	36
2/23/2026	7:58	7	60	50	9	68	44	NR	NR	NR	4	120	44

[a] Vapor flow reading measured with a VelociCalc flow meter.

SVE = Soil vapor extraction
PID = Photoionization detector
ppmv = Parts per million by volume
cfm = Cubic feet per minute
in. H_2O = Inches water column
NR = Not reading

Table 3. Water Flow Meter Readings for Individual Wells and Treated Discharge
Page 1 of 2

Date	RW-1			RW-2			RW-3			RW-4			BW-7R			MW-11		
	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)
7/31/2025	NR	315,470	Off	NR	81,687	Off	NR	426,729	Off	NR	1,060,808	Off	NR	344,532	Off	NR	311,817	Off
8/6/2025	NA	315,470	Off	NR	81,687	Off	NR	426,790	Off	NR	1,060,808	Off	NR	344,532	Off	NR	331,817	Off
8/18/2025	NA	315,470	Off	NR	81,688	Off	NR	425,790	Off	NR	1,089,678	5.3	NR	344,532	Off	NR	331,817	Off
8/31/2025	NA	315,470	NR	NR	81,688	NR	NR	426,987	NR	NR	1,174,211	NR	NR	344,532	NR	NR	331,817	NR
9/4/2025	NA	315,470	Off	43,000	82,779	Off	450,200	426,897	Off	137,500	1,198,955	4.0	343,900	344,669	4.5	336,100	331,818	Off
9/18/2025	NA	315,470	Off	43,000	82,926	Off	450,500	426,897	Off	138,700	1,199,868	4.3	344,200	344,818	Off	336,100	331,818	Off
9/30/2025	NA	315,471	NR	NR	82,926	NR	NR	426,897	NR	NR	1,200,314	NR	NR	344,818	NR	NR	331,818	NR
10/1/2025	NA	NR	Off	43,000	NR	Off	450,500	NR	Off	140,300	1,200,577	NR	344,200	NR	Off	336,100	NR	Off
10/31/2025	NA	315,470	NR	NR	83,229	NR	NR	426,897	NR	NR	1,201,022	NR	NR	354,752	NR	NR	331,821	NR
11/5/2025	NA	315,472	Off	NR	83,232	Off	NR	426,903	Off	NR	1,201,034	4.0	NR	358,361	Off	NR	331,834	Off
11/17/2025	NA	315,472	Off	42,723	83,232	Off	450,278	426,903	Off	210,641	1,268,810	4.8	367,394	367,860	4.6	336,165	331,834	Off
11/30/2025	NA	315,472	NR	NR	83,232	NR	NR	426,903	NR	NR	1,333,554	NR	NR	373,478	NR	NR	331,834	NR
12/3/2025	NA	315,472	Off	42,720	83,232	Off	450,558	426,903	Off	274,815	1,333,554	2.3	378,341	373,544	4.0	336,165	331,834	Off
12/15/2025	NA	315,472	Off	42,723	83,232	Off	450,568	426,903	Off	314,103	1,372,508	2.0	378,451	373,544	0.0	336,165	331,834	Off
12/31/2025	NA	315,472	NR	NR	83,232	NR	NR	426,903	NR	NR	1,420,554	NR	NR	373,544	NR	NR	331,834	NR
1/2/2026	NA	315,472	Off	42,700	83,232	Off	450,500	426,903	Off	326,700	1,420,554	0.9	378,400	373,544	Off	336,100	331,834	Off
1/19/2026	NA	315,472	Off	42,723	83,232	Off	450,568	426,903	Off	349,085	1,442,887	0.9	378,476	373,544	Off	336,165	331,834	Off
1/30/2026	NR	315,472	NR	NR	83,232	NR	NR	426,903	NR	NR	1,454,391	NR	NR	373,544	NR	NR	331,834	NR
1/31/2026	NR	315,472	NR	NR	83,232	NR	NR	426,903	NR	NR	1,455,490	NR	NR	373,544	NR	NR	331,834	NR
2/6/2026	5,600	321,097	1.0	NR	83,234	Off	459,000	435,708	3.0	365,600	1,459,430	2.3	378,400	373,544	Off	336,300	332,118	1.0
2/11/2026	14,400	328,368	1.0	42,700	83,234	Off	NR	458,985	3.0	376,600	1,468,320	1.0	378,400	373,544	Off	344,400	338,738	1.0
2/23/2026	29,600	343,954	0.9	42,700	83,234	Off	551,800	526,983	2.4	379,300	1,485,564	3.0	378,400	373,544	Off	357,500	353,218	0.6
2/28/2026	NR	345,500	NR	NR	83,234	NR	NR	541,930	NR	NR	1,490,731	NR	NR	373,544	NR	NR	356,231	NR
3/2/2026	34,400	345,501	3.0	43,600	83,234	1.8	NR	550,644	1.8	391,500	1,494,741	2.4	380,900	373,544	4.6	363,300	358,002	0.8

Notes are provided at the end of the table.

Table 3. Water Flow Meter Readings for Individual Wells and Treated Discharge
Page 2 of 2

Date	MW-12			MW-13			MW-16			Treated Discharge			Monthly Discharge (gallons)	Totalized Reading (gallons)
	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)	Flow Meter Reading (gallons)	HMI Reading (gallons)	Flow Rate [a] (gpm)		
7/31/2025	NR	470,616	Off	NR	281,631	Off	NR	158,625	Off	NR	2,829,600	NR	NA	2,534,500
8/6/2025	NR	470,616	Off	NR	281,631	Off	NR	158,625	Off	2,534,500	2,829,600	NR	NA	NA
8/18/2025	NR	470,616	Off	NR	281,631	Off	NR	158,625	Off	577,571	2,843,800	NR	NA	NA
8/31/2025	NR	470,617	NR	NR	281,632	NR	NR	158,625	NR	NR	2,897,800	NR	114,200	2,648,200
9/4/2025	515,400	470,616	Off	281,600	281,645	0.1	288,900	158,625	Off	644,300	2,916,000	NR	NA	NA
9/18/2025	515,400	470,616	Off	281,600	281,645	Off	288,900	158,625	Off	645,100	2,917,500	NR	NA	Na
9/30/2025	NR	470,616	NR	NR	281,645	NR	NR	158,625	NR	NR	2,917,900	NR	27,602	2,679,066
10/1/2025	NR	NR	Off	281,600	NR	Off	288,900	NR	Off	645,500	2,918,000	NR	NA	NA
10/31/2025	NR	470,616	NR	NR	281,645	NR	NR	158,625	NR	NR	2,927,500	NR	10,998	2,688,700
11/5/2025	NR	470,656	Off	NR	283,312	Off	NR	158,633	Off	656,500	2,930,100	NR	NA	NA
11/17/2025	516,066	470,656	Off	309,652	309,680	Off	288,930	158,633	Off	726,143	3,003,800	15.0	NA	NA
11/30/2025	NR	470,656	NR	NR	309,681	NR	NR	158,633	NR	NR	3,050,200	NR	179,400	2,868,100
12/3/2025	516,066	470,656	Off	309,651	309,681	Off	288,930	158,633	Off	775,101	3,056,300	16.6	NA	NA
12/15/2025	516,066	470,659	Off	309,651	309,681	Off	288,930	158,633	Off	789,493	3,071,100	16.5	NA	NA
12/31/2025	NR	470,659	NR	NR	309,681	NR	NR	158,633	NR	NR	3,081,100	NR	87,100	2,955,200
1/2/2026	NR	470,659	Off	309,700	309,861	Off	288,900	158,633	Off	799,400	3,082,100	16.0	NA	NA
1/19/2026	516,066	470,659	Off	309,651	309,681	Off	288,930	158,633	Off	811,400	3,095,100	NR	NA	NA
1/30/2026	NR	470,676	NR	NR	309,681	NR	NR	158,633	NR	NR	3,099,300	NR	NA	NA
1/31/2026	NR	470,676	NR	NR	309,681	NR	NR	158,633	NR	NR	3,099,600	NR	35,000	2,990,200
2/6/2026	516,200	470,902	1.2	309,700	309,681	Off	288,900	158,633	Off	828,700	3,113,200	20.0	NA	NA
2/11/2026	526,300	479,246	1.2	309,700	309,681	Off	288,900	158,633	Off	867,500	3,153,000	15.0	NA	NA
2/23/2026	549,300	503,594	1.5	309,700	309,681	Off	288,900	158,633	Off	946,900	3,234,800	16.2	NA	NA
2/28/2026	NR	505,945	NR	NR	309,681	NR	NR	158,633	NR	NR	3,252,600	NR	240,000	3,230,200
3/2/2026	552,900	505,945	1.0	311,000	309,681	0.8	288,900	158,633	Off	974,700	3,263,200	1.8	NA	NA

[a] Values are from an instantaneous measurement recorded at the wellhead.
HMI = Human-machine interface
gpm = Gallons per minute
NR = No reading
NA = Not available

Table 4. Transducer Levels for Individual Wells

Date	Time	Transducer Level (feet)								
		RW-1	RW-2	RW-3	RW-4	BW-7R	MW-11	MW-12	MW-13	MW-16
7/30/2025	13:42	NR	NR	NR	33	27	NR	NR	22	24
8/18/2025	7:15	NR	NR	NR	8	27	NR	NR	21	24
9/4/2025	13:30	NR	NR	NR	20	13	NR	NR	21	24
9/18/2025	6:38	NR	NR	NR	13	27	NR	NR	21	24
10/1/2025	10:25	NR	NR	NR	24	NR	NR	NR	NR	NR
11/5/2025	13:00	NR	NR	NR	33	14	NR	NR	19	30
11/17/2025	8:26	NR	NR	NR	9	11	NR	NR	NR	31
12/3/2026	11:10	0	0	0	25	13	0	0	21	31
12/15/2025	10:20	0	0	0	27	27	0	0	21	31
1/2/2026	10:34	0	0	0	28	27	0	0	21	31
1/19/2026	6:40	0	0	0	30	26	0	0	21	31
2/6/2026	12:00	22	NR	24	31	26	24	23	NR	NR
2/11/2026	8:03	22	0	24	29	26	22	21	0	0
2/23/2026	7:58	22	10	24	31	0	24	23	0	0

NR = No reading

Table 5. Analytical Organic Chemistry Data for the Remediation System, Air
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Sampling Point	Date Sampled	Concentration [a] (µg/L)						
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	TPH GRO
DTA Effluent	11/3/2023	0.27	1.3	0.27	1.9	3.7	<0.25	18
	11/9/2023 [b]	374	547	33	144	1,098	<1.00	16,600
	11/16/2023	19	19	2.3	17	57	<0.25	180
	11/28/2023	16	15	1.6	17	50	<0.25	160
	2/19/2024	1.5	1.0	0.20	1.7	4.4	<0.25	17
	3/26/2024	0.13	<0.10	<0.10	<0.20	0.13	NR	<5.0
	7/29/2024	<0.10	<0.10	<0.10	<0.20	<0.50	<0.25	<5.0
	8/26/2024	<0.10	0.76	0.23	1.6	2.6	NR	14
	9/26/2024	<0.10	0.19	<0.10	0.51	0.70	NR	<5.0
	1/3/2025	1.2	0.89	0.41	2.4	4.90	<0.25	19
	8/25/2025	0.32	6.5	1.4	7.4	15.6	<0.25	88
	9/4/2025	0.31	0.5	0.13	1.3	2.2	<0.25	16
	9/18/2025	0.39	0.94	0.21	3.1	4.6	<0.25	18
	2/11/2026	1.3	0.21	0.21	1.1	2.8	<0.25	14
SVE Combined Influent	11/1/2023	450	880	66	320	1,716	<25	36,000
	11/3/2023	490	1,000	80	410	1,980	<25	34,000
	11/9/2023	314	372	10	34	730	<1.0	13,800
	11/16/2023	330	740	57	330	1,457	<25	16,000
	11/21/2023	240	540	44	250	1,074	<25	12,000
	11/28/2023	170	450	37	220	877	<25	9,800

Notes are provided at the end of the table.

Table 5. Analytical Organic Chemistry Data for the Remediation System, Air
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Sampling Point	Date Sampled	Concentration [a] (µg/L)						
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	TPH GRO
SVE Combined Influent (cont.)	12/12/2023	130	320	23	120	593	<25	7,800
	1/3/2024	99	340	29	150	618	<25	7,700
	1/16/2024	86	330	30	150	596	<25	7,700
	1/31/2024	64	260	23	110	457	<25	6,500
	2/8/2024	150	630	56	280	1,116	<25	14,000
	2/19/2024	68	320	33	160	581	<12	6,700
	3/5/2024	SVE system off due to thermal oxidizer fault						
	3/26/2024							
	4/17/2024							
	4/28/2024							
	7/12/2024	65	250	22	110	447	<13	7,200
	7/29/2024	56	240	23	110	429	<13	5,600
	8/14/2024	38	160	16	77	291	<13	4,700
	8/26/2024	20	68	9.3	36	133	<13	1,800
	9/12/2024	21	130	18	87	256	<13	3,100
	9/26/2024	33	230	34	160	457	<13	5,200
	10/8/2024 [b]	0.067	0.50	0.068	0.18	0.82	<0.25	15
	10/28/2024	32	210	27	120	389	<13	4,600
	11/11/2024	30	230	37	180	477	<13	5,300
	12/4/2024	17	130	16	61	224	<13	2,600

Notes are provided at the end of the table.

Table 5. Analytical Organic Chemistry Data for the Remediation System, Air
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Sampling Point	Date Sampled	Concentration [a] (µg/L)						
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	TPH GRO
SVE Combined Influent (cont.)	12/18/2024	15	8.6	<5.0	<10	24	<13	2,700
	1/3/2025	18	170	27	120	335	<13	3,500
	1/24/2025	25	240	34	150	449	<13	7,200
	1/24/2025	25	240	34	150	449	<13	7,200
	7/30/2025	10	120	19	88	237	<13	2,500
	8/25/2025	10	140	21	79	250	<13	3,100
	9/4/2025	14	230	37	160	441	<13	4,300
	9/18/2025	13	240	39	190	482	<13	4,300
	10/1/2025	6.0	130	20	93	249	0.91	2,600
	11/5/2025	System off due to faulty actuator						
	11/5/2025							
	11/17/2025							
	12/3/2025							
	12/15/2026							
	1/2/2026							
	2/11/2026	0.83 [c]	36	10	54	101	<2.5	810
	2/23/2026	0.99 [c]	56	12	65	134	NA	920
Oxidizer Effluent	11/1/2023	150	160	15	47	372	<12	6,500
	11/3/2023	190	230	23	80	523	<12	4,400
	11/9/2023	99	340	29	126	594	<1.00	2,700

Notes are provided at the end of the table.

Table 5. Analytical Organic Chemistry Data for the Remediation System, Air
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Sampling Point	Date Sampled	Concentration [a] (µg/L)						
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	TPH GRO
Oxidizer Effluent (cont.)	11/16/2023	44	40	3.9	18	106	<1.2	420
	11/21/2023	24	15	1.2	4.1	44	<1.2	160
	11/28/2023	17	20	2.8	17	57	<1.2	220
	12/12/2023	8.3	5.0	0.36	1.2	15	<0.25	55
	1/3/2024	6.0	3.6	0.24	0.80	11	<0.25	36
	1/16/2024	6.8	6.3	0.48	2.0	16	<0.20	74
	1/31/2024	4.3	6.5	1.0	6.1	18	<0.20	76
	2/8/2024	3.7	9.4	2.0	12	27	<0.25	110
	2/19/2024	2.9	2.6	0.32	1.9	7.7	<0.25	27
	3/5/2024	SVE system off due to thermal oxidizer fault						
	3/26/2024							
	4/17/2024							
	4/28/2024							
	7/12/2024	3.5	1.7	0.12	0.39	5.7	<0.25	21
	7/29/2024	3.4	2.0	0.15	0.56	6.1	<0.25	21
	8/14/2024	2.5	3.0	0.43	2.3	8.2	<0.25	38
	8/26/2024	1.1	1.4	0.23	1.4	4.1	<0.25	19
	9/12/2024	0.30	0.63	0.17	1.0	2.1	<0.25	11
	9/26/2024	0.41	0.47	0.15	0.94	2.0	<0.25	8
	10/8/2024	0.56	5.8	0.64	2.4	9.4	<0.25	64

Notes are provided at the end of the table.

Table 5. Analytical Organic Chemistry Data for the Remediation System, Air
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Sampling Point	Date Sampled	Concentration [a] (µg/L)						
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	TPH GRO
Oxidizer Effluent (cont.)	10/28/2024 [b]	0.55	5.2	1.4	8.1	15.3	<0.25	54
	11/11/2024	0.18	0.18	0.070	0.50	0.9	<0.25	4.7
	12/4/2024	0.30	1.9	0.60	3.4	6.2	<0.25	22
	12/18/2024	0.15	0.93	0.067	0.13	1.3	<0.25	13
	1/3/2025	0.39	1.7	0.60	3.7	6.4	<0.25	28
	1/24/2025	0.15	0.065	<0.10	<0.20	0.22	<0.25	<5.0
	7/30/2025	1.00	0.59	0.046	0.17	1.81	<0.25	6.6
	8/25/2025	0.23	0.11	0.014	0.080	0.43	<0.25	5.8
	9/4/2025	0.24	1.5	0.46	2.5	4.70	<0.25	29
	9/18/2025	0.38	2.4	0.71	4.4	7.89	<0.25	37
	10/1/2025	0.46	8.8	2.7	15	26.96	<0.25	190
	11/5/2025	System off due to faulty actuator						
	11/17/2025							
	12/3/2025							
	12/15/2025							
	1/2/2026							
	1/20/2026							
	2/11/2026	0.39	6.30	2.1	9.7	18.49	<0.25	270
	2/23/2026	0.74	12.00	3.4	19	35.14	NA	480

Notes are provided on the next page.

Table 5. Analytical Organic Chemistry Data for the Remediation System, Air
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[a] Analyzed using U.S. Environmental Protection Agency (EPA) methods 8021B for volatile organic compounds (VOCs) and 8015B for total petroleum hydrocarbons (TPH).

[b] Data not believed to be representative of actual field conditions based on other sample results.

µg/L = Micrograms per liter
BTEX = Benzene, toluene, ethylbenzene, and total xylenes
MTBE = Methyl tertiary-butyl ether
GRO = Gasoline-range organics

Table 6. Analytical Organic Chemistry Data for the Remediation System, Water
Page 1 of 5

Well Name	Date Sampled	Concentration [a] (µg/L)									TPH GRO (mg/L) [c]
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB [b]	EDC	PAHs	
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*	*NA*
GW Combined Influent	11/1/2023	**640**	260	30	170	1,100	<1.0	**2.3**	**55**	8.2	3.8
	11/3/2023	**1,100**	750	71	440	2,361	<1.0	**14**	**97**	**33.2**	6.9
	11/9/2023	**1,300**	**1,020**	48	523	2,891	<13.9	<10 [d]	**115**	<13.5 [e]	6.09
	11/16/2023	**1,400**	**1,000**	70	590	3,060	<20	**21**	**180**	<200 [d]	7.8
	11/22/2023	**1,200**	840	58	560	2,658	<2.0	**15**	**120**	**32.8**	7.0
	11/28/2023	**2,000**	950	58	**620**	3,628	<20	**22**	**230**	<200 [d]	8.2
	12/14/2023	**1,700**	**1,700**	110	**1,100**	4,610	<20	**42**	**210**	**46**	11
	1/3/2024	**990**	470	31	320	1,811	<20	**12**	**140**	<200 [d]	5.3
	1/16/2024	**850**	590	35	370	1,845	<20	**12**	**140**	<200 [d]	5.6
	1/31/2024	**36**	21	0.80	12	69.80	<1.0	**12**	**6.1**	<10	4.0
	2/8/2024	**820**	400	19.00	260	1,499	1.3	**9.1**	**130**	27.3	4.2
	2/19/2024	**1,100**	310	18.00	280	1,708	<5.0	**7.6**	**160**	14	4.5
	3/5/2024	**31**	<1.0	<1.0	6.9	37.9	<1.0	**1.2**	**85**	<10	0.35
	3/26/2024	**130**	24	<1.0	35	189	<1.0	**5.9**	**91**	2.6	0.71
	4/17/2024	**290**	270	<5.0	130	690	<5.0	**9.3**	**95**	<50	2.0
	4/28/2024	**490**	410	7.5	200	1,108	<5.0	**9.5**	**130**	13	3.2
	7/12/2024	**160**	130	<5.0	120	410	<5.0	**2.8**	**45**	<50 [d]	1.2
	7/29/2024	**13**	<5.0	<5.0	23	36	<5.0	0.025	**82**	<50 [d]	0.67
	8/14/2024	**130**	<2.0	<2.0	19	149	<2.0	**0.71**	**130**	<20	1.1
	8/26/2024	<5.0	<5.0	<5.0	<7.5	<22.5	<5.0	**0.75**	**130**	<50 [d]	0.22

Notes are provided at the end of the table.

Table 6. Analytical Organic Chemistry Data for the Remediation System, Water
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Well Name	Date Sampled	Concentration [a] (µg/L)									TPH GRO (mg/L) [c]
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB [b]	EDC	PAHs	
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*	*NA*
GW Combined Influent (cont.)	9/12/2024	**120**	<5.0	<5.0	28	148	<5.0	**1.8**	**110**	<50 [d]	0.85
	9/26/2024	**8.9**	<5.0	<5.0	<7.5	8.9	<5.0	**0.52**	**96**	1.3	0.17
	10/7/2024 [f]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095	0.3	<10	<0.050
	10/28/2024	**880**	590	10	470	1,950	<5.0	**210**	<5.0	**30**	6.3
	11/11/2024	**950**	990	50	780	2,770	<5.0	**33**	**160**	**40**	8.4
	12/4/2024	**370**	120	17	190	697	<5.0	**6.3**	**87**	6.8	1.7
	12/18/2024	**690**	6.2	18	42	756	<5.0	**0.14**	**100**	5.7	3.0
	1/2/2025	**1,100**	68	48	120	1,336	<5.0	**2.0**	**83**	17	3.8
	1/24/2025	**770**	92	45	120	1,027	<10	**3.1**	**66**	19	3.2
	8/18/2025	2.9	<1.0	<1.0	16	19	<1.0	**3.2**	**29**	<10	0.3
	9/4/2025	**200**	190	14	**1,200**	1,604	<1.0	**46**	**190**	29.5	5.9
	9/18/2025	**100**	42	6.0	390	538	<5.0	**7.8**	**78**	12	2.4
	10/1/2025	**5.2**	3.5	1.4	62	72.1	<5.0	0.042	<5.0 [c]	<50 [c]	0.51
	11/5/2025	**7.8**	<2.0	0.41	2.8	11.0	<2.0	**0.063**	**97**	11	0.68
	11/17/2025	4.2	5.1	0.73 J	47	57.0	<2.0	**7.0**	**41**	1.1 J	0.33
	12/3/2025	**13**	11	4.2	180	208.2	<2.0	**18**	**77**	3.4 J	1.5
	12/15/2025	**37**	26	7.5	370	441	1.2 J	**20**	**73**	5.5	2.0
	1/2/2026	**3.4**	2.0	4.0	140	149	<2.0	**9.2**	**51**	2.3 J	1.1
	1/19/2026	0.63 J	0.52 J	3.1	91	95	<2.0	**6.7**	**42**	2.0 J	0.64

Notes are provided at the end of the table.

Table 6. Analytical Organic Chemistry Data for the Remediation System, Water
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Well Name	Date Sampled	Concentration [a] (µg/L)									TPH GRO (mg/L) [c]
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB [b]	EDC	PAHs	
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*	*NA*
GW Combined Influent	2/11/2026	**260**	3.5	20	62	346	<2.0	**<0.0091**	**79**	5.9	1.7
(cont.)	2/23/2026	**170**	1.0	13	59	243	4.5	**5.8**	**66**	6.9 J	1.2
OWS Effluent	11/3/2023	**1,100**	770	65	450	2,385	<1.0	**14**	**97**	**37.2**	6.7
GW Treated Effluent	11/1/2023	**19**	9.1	1.0	7.2	36.3	<1.0	**0.58**	**9.3**	3.8	0.16
	11/3/2023	**42**	28	2.1	18	90.1	<1.0	**3.8**	**18**	9.3	0.38
	11/9/2023	**31**	23.6	1.1	14.3	69.9	<1.39	**4.5**	**15.5**	7.69 [e]	<1.08
	11/16/2023	**59**	38	2.4	25	124.4	<1.0	**6.3**	**30**	12	0.45
	11/22/2023	**39**	26	1.5	19	85.5	<1.0	**3.4**	**19**	7.9	0.36
	11/28/2023	**58**	29	1.3	20	108.3	<1.0	**5.4**	**25**	8.0	0.46
	12/14/2023	**21**	15	<1.0	11	47	<1.0	**4.4**	**19**	4.9	0.24
	1/3/2024	**5.4**	2.6	<1.0	2.5	10.5	<1.0	**1.4**	**5.5**	2.6	0.12
	1/16/2024	**8.2**	5.9	<1.0	4.8	18.9	<1.0	**1.8**	**10**	2.6	0.17
	1/31/2024	3.0	1.9	<1.0	1.6	6.5	<1.0	**1.2**	**5.0**	<10	0.09
	2/8/2024	2.1	1.0	<1.0	<1.5	3.1	<1.0	**0.73**	4.1	<10	0.097
	2/19/2024	1.1	<1.0	<1.0	<1.5	1.1	<1.0	**0.40**	1.7	2.9	0.098
	3/5/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	0.031	<1.0	<10	<0.050
	3/26/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.18**	1.1	<10	<0.050
	4/17/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.55**	2.2	<10	0.073
	4/28/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.22**	1.5	<10	<0.050
	7/12/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.087**	1.1	<10	<0.050

Notes are provided at the end of the table.

Table 6. Analytical Organic Chemistry Data for the Remediation System, Water
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Well Name	Date Sampled	Concentration [a] (µg/L)									TPH GRO (mg/L) [c]
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB [b]	EDC	PAHs	
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*	*NA*
GW Treated Effluent (cont.)	7/29/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095	<1.0	<10	<0.050
	8/14/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.10 [d]	2.2	<10	<0.050
	8/26/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	0.0093	<1.0	<10	<0.050
	9/12/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.13**	3.0	<10	<0.050
	9/26/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095	<1.0	<10	<0.050
	10/7/2024 [f]	**7.6**	<1.0	0.6	15	23.2	<1.0	<0.051 [d]	**86**	1.3	0.41
	10/28/2024	2.8	1.9	<1.0	2.5	7.2	<1.0	**1.4**	**5.2**	5.0	0.15
	11/11/2024	2.3	1.5	<1.0	2.0	5.8	<1.0	**0.95**	3.6	1.6	0.09
	12/4/2024	0.6	0.4	<1.0	0.9	1.9	<1.0	**0.41**	1.6	0.62	0.05
	12/18/2024	0.7	<1.0	<1.0	<1.5	0.7	<1.0	0.011	1.0	0.43	0.03
	1/2/2025	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	0.014	0.7	<10	0.02
	1/24/20025	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	0.046	0.6	0.62	0.04
	8/18/2025	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.11**	0.59	<10	0.023
	9/4/2025	<1.0	<1.0	<1.0	1.6	1.6	<1.0	**1.5**	4.6	<10	0.093
	9/18/2025	0.44	0.60	<1.0	4.2	5.2	<1.0	**1.8**	2.6	<10	0.17
	10/1/2025	<1.0	<1.0	<1.0	0.26	<4.5	<1.0	0.020	0.36	<10	0.063
	11/5/2025	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095	<1.0	<10	<0.050
	11/17/2025	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.31**	0.82 J	<10	0.044 J
	12/3/2025	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.22**	0.48 J	<10	0.059
	12/15/25	<1.0	0.24 J	<1.0	<1.5	0.24	<1.0	**0.086**	<1.0	<10	0.056

Notes are provided at the end of the table.

Table 6. Analytical Organic Chemistry Data for the Remediation System, Water
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Well Name	Date Sampled	Concentration [a] (µg/L)									TPH GRO (mg/L) [c]
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB [b]	EDC	PAHs	
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*	*NA*
GW Treated Effluent (cont.)	1/2/2026	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	0.041	<1.0	<10	0.084
	1/19/26	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	0.021	<1.0	<10	0.037 J
	2/11/26	2.7	<1.0	0.37 J	0.67 J	3.7	0.99 J	**1.2**	**8.6**	<10	0.10
	2/23/26	2.1	<1.0	<1.0	0.28 J	2.4	1.3	**0.840**	**7.0**	<10	0.096

Bold indicates that value exceeds the New Mexico Water Quality Control Commission (NMWQCC) standard.

[a] Analyzed using U.S. Environmental Protection Agency (EPA) method 8260B, unless otherwise noted.

[b] Analyzed using EPA method 8011/504.1.

[c] Analyzed using EPA method 8015D.

[d] Reporting limit is equal to or greater than the standard.

[e] Reported as naphthalene only.

[f] Data not believed to be representative of actual field conditions based on other sample results.

µg/L = Micrograms per liter
mg/L = Milligrams per liter
BTEX = Benzene, toluene, ethylbenzene, and total xylenes
MTBE = Methyl tertiary-butyl ether
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane
PAHs = Polycyclic aromatic hydrocarbons (total naphthalenes = naphthalene + 1-methylnaphthalene + 2-methylnaphthalene)
TPH = Total petroleum hydrocarbons
GRO = Gasoline-range organics
J = Value is less than the laboratory reporting limit but was reported as an estimated concentration by the laboratory

Table 7. Analytical Inorganic Chemistry Data for the Remediation System
Page 1 of 5

Well Name	Date Sampled	Concentration [a] (mg/L)			
		Chloride	Nitrate (as N)	Sulfate	TDS [b]
NMWQCC Standard		*250*	*10*	*600*	*1,000*
GW Combined Influent	11/1/2023	87	2.3	51	550
	11/3/2023	84	2.1	46	490
	11/9/2023	82	2.3	47	NA
	11/16/2023	86	2.2	45	502
	11/22/2023	84	2.2	45	536
	11/28/2023	85	1.6	45	544
	12/14/2023	92	0.59	48	630
	1/3/2024	82	2.1	44	526
	1/16/2024	79	2.1	43	544
	1/31/2024	81	2.0	44	494
	2/8/2024	84	1.8	44	492
	2/19/2024	86	<1.0	37	438
	3/5/2024	66	1.3	33	420
	3/27/2024	77	2.0	41	510
	4/17/2024	72	2	47	490
	4/28/2024	64	<1.0	43	470
	7/12/2024	67	1.9	46	490
	7/29/2024	86	1.7	48	550
	8/14/2024	69	1.3	47	480

Notes are provided at the end of the table.

Table 7. Analytical Inorganic Chemistry Data for the Remediation System
Page 2 of 5

Well Name	Date Sampled	Concentration [a] (mg/L)			
		Chloride	Nitrate (as N)	Sulfate	TDS [b]
NMWQCC Standard		*250*	*10*	*600*	*1,000*
GW Combined Influent (cont.)	8/26/2024	79	1.6	43	520
	9/12/2024	68	1.4	39	470
	9/26/2024	96	1.2	47	520
	10/7/2024 [c]	86	0.3	46	470
	10/28/2024	76	1.5	46	460
	11/11/2024	73	1.4	39	480
	12/4/2024	71	1.4	40	460
	12/18/2024	67	1.6	42	400
	1/2/2025	62	0.9	33	390
	1/24/2025	68	1.8	41	370
	8/18/2025	68	2.5	42	430
	9/4/2025	69	1.6	39	450
	9/18/2025	74	1.5	47	510
	10/1/2025	74	<1.0	5.6	500
	11/5/2025	100	1.3	53	510
	11/17/2025	65	1.9	38	390
	12/3/2025	72	1.1	42	500
	12/15/2025	75	0.83	42	480
	1/2/2026	72	0.53	43	470

Notes are provided at the end of the table.

Table 7. Analytical Inorganic Chemistry Data for the Remediation System
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Well Name	Date Sampled	Concentration [a] (mg/L)			
		Chloride	Nitrate (as N)	Sulfate	TDS [b]
NMWQCC Standard		*250*	*10*	*600*	*1,000*
GW Combined Influent (cont.)	1/19/2026	70	0.61	41	420
	2/11/2026	110	2.30	50	680
	2/23/2026	130	1.50	50	510
GW Treated Effluent	11/1/2023	88	2.4	51	536
	11/3/2023	84	2.1	46	315
	11/9/2023	82	2.3	47	NA
	11/16/2023	85	2.1	45	496
	11/22/2023	84	2.2	45	552
	11/28/2023	85	1.5	47	556
	12/14/2023	80	0.71	43	528
	1/3/2024	80	2.0	43	526
	1/16/2024	80	2.0	43	529
	1/31/2024	78	1.9	42	505
	2/8/2024	85	1.7	44	508
	2/19/2024	79	<1.0	35	424
	3/5/2024	78	1.3	38	460
	3/27/2024	78	1.9	41	510
	4/17/2024	77	1.6	43	520
	4/28/2024	65	<1.0	43	460

Notes are provided at the end of the table.

Table 7. Analytical Inorganic Chemistry Data for the Remediation System
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Well Name	Date Sampled	Concentration [a] (mg/L)			
		Chloride	Nitrate (as N)	Sulfate	TDS [b]
NMWQCC Standard		*250*	*10*	*600*	*1,000*
GW Treated Effluent (cont.)	7/12/2024	77	1.3	45	470
	7/29/2024	88	1.6	48	480
	8/14/2024	70	1.5	48	480
	8/26/2024	83	1.5	45	470
	9/12/2024	69	1.5	40	440
	9/26/2024	84	0.4	47	440
	10/7/2024 [c]	93	0.3	50	530
	10/28/2024	74	1.7	45	460
	11/11/2024	69	1.4	43	440
	12/4/2024	74	1.3	44	470
	12/18/2024	66	1.1	37	400
	1/2/2025	65	1.1	37	400
	1/24/2025	73	1.2	38	380
	8/18/2025	68	2.5	42	400
	9/4/2025	74	0.81	37	480
	9/18/2025	79	0.31	28	520
	10/1/2025	77	<1.0	34	510
	11/5/2025	100	1.4	54	470
	11/17/2025	67	1.7	39	400

Notes are provided at the end of the table.

Table 7. Analytical Inorganic Chemistry Data for the Remediation System
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Well Name	Date Sampled	Concentration [a] (mg/L)			
		Chloride	Nitrate (as N)	Sulfate	TDS [b]
NMWQCC Standard		*250*	*10*	*600*	*1,000*
GW Treated Effluent (cont.)	12/3/2025	73	1.1	43	460
	12/15/2025	75	0.61	43	490
	1/2/2026	73	<0.5	42	460
	1/19/2026	72	0.76	42	430
	2/11/2026	100	2.40	50	630
	2/23/2026	120	2.10	52	580

[a] Analyzed using U.S. Environmental Protection Agency (EPA) method 300.0, unless otherwise noted.

[b] Analyzed using SM 2540C Mod.

[c] Data not believed to be representative of actual field conditions based on other sample results.

mg/L = Milligrams per liter
TDS = Total dissolved solids
NMWQCC = New Mexico Water Quality Control Commission
GW = Groundwater
NA = Not analyzed

Table 8. Utility Usage Summary
Page 1 of 2

Electric (Xcel)				Natural Gas (NM Gas Co)			
Service Address: 1901 N. Prince Street Unit Container				Service Address: 1901 N Prince St			
Account #: 54-0013827214-6				Account #: 000237605-1412631-4			
Meter #: 160137895				Meter #: 1691600			
Read Date	Days Billed	kWh Used	Total Charges	Read Date	Days Billed	Therms	Total Charges
9/29/2023	START						
10/10/2023	11	19	$8.95	10/6/2023	START		$82.57
11/9/2023	29	4,490	$469.04	11/6/2023	31	1,124	$847.87
12/12/2023	34	21,806	$1,463.34	12/7/2023	31	10,730	$8,324.94
1/11/2024	30	20,034	$1,358.28	1/6/2024	30	12,154	$8,759.54
2/12/2024	31	25,099	$1,734.42	2/6/2024	31	12,697	$8,897.61
3/13/2024	31	12,780	$1,107.80	3/7/2024	30	5,712	$3,816.73
4/11/2024	29	6,328	$767.09	4/8/2024	32	0	$31.35
5/10/2024	29	4,468	$551.73	5/7/2024	29	0	$31.35
6/11/2024	32	800	$281.78	6/6/2024	30	382	$133.43
7/11/2024	30	232	$134.73	7/8/2024	32	78	$55.29
8/9/2024	29	14,224	$882.49	8/6/2024	29	12,025	$4,982.00
9/10/2024	32	14,395	$990.10	9/6/2024	31	11,164	$4,520.87
10/9/2024	29	13,544	$1,076.23	10/7/2024	29	11,036	$4,310.55
11/7/2024	29	10,247	$800.45	11/6/2024	32	6,859	$3,867.65
12/8/2024	23	9,354	$878.77	12/7/2024	31	7,188	$4,140.66
1/8/2025	31	11,318	$1,032.46	1/7/2025	31	6,685	$4,612.35

Notes are provided at the end of the table.

Table 8. Utility Usage Summary
Page 2 of 2

Electric (Xcel)				Natural Gas (NM Gas Co)			
Service Address: 1901 N. Prince Street Unit Container				Service Address: 1901 N Prince St			
Account #: 54-0013827214-6				Account #: 000237605-1412631-4			
Meter #: 160137895				Meter #: 1691600			
Read Date	Days Billed	kWh Used	Total Charges	Read Date	Days Billed	Therms	Total Charges
2/9/2025	32	7,644	$792.01	2/6/2025	30	4,902	$3,763.04
8/7/2025	29	8,270	$723.16	9/5/2025	30	10,295	$5,502.83
9/8/2025	32	11,762	$1,032.10	10/6/2025	31	10,208	$5,327.47
10/7/2025	29	10,189	$943.84	11/5/2025	30	3,305	$1,783.36
11/5/2025	29	5,817	$581.00	12/6/2025	31	0	$36.26
12/8/2025	33	5,073	$436.66	1/7/2026	32	0	$36.26
1/9/2026	31	4,294	$370.10	2/5/2026	29	363	$203.37
2/9/2026	32	7,893	$898.35				
Daily average		331	$27.78			186	$108.03
Daily average, 2Q		180	$17.76			36	$18.93

Table 9. DPE and Maintenance Alarm History
Page 1 of 2

O&M Date	Alarm	System Component	Issue	Suspected Cause	Troubleshooting Efforts	Date Resolved	Notes
9/5/2025	DTA LAH	Groundwater	High level float was triggered	Build up in the clarifier restricting flow	Manually turned on the discharge pump	9/18/2025	Future plans to clean out the groundwater system
11/4/2025	NA	SVE	Faulty actuator	Vibrations of the combustion motor for the SVE line	Replacement of the actuator and minimized vibrations with the installation of the catalytic oxidizer	2/2/2026	A new fan and motor are on-site, as they did not need to be replaced yet
11/4/2025	Infiltration Gallery	NA	NA	No infiltration gallery as part of the system. Likely a code error copied over by H2K	Cleared alarm	11/4/2025	Plans to notify H2K if alarm continues
11/5/2025	Infiltration Gallery	NA	NA	No infiltration gallery as part of the system. Likely a code error copied over by H2K	Cleared alarm	11/5/2025	Plans to notify H2K if alarm continues
2/5/2025	Clarifier LAH	Groundwater	High level float was triggered	Too much flow into the groundwater system. Alarm tripped while messing with flowrates at wellheads	Mannually turned on the discharge pump	2/5/2026	Reduced flowrates to meet system capacity
2/12/2026	DTA LAH	Groundwater	High level float was triggered	Build up in the clarifier restricting flow	Mannually turned on the discharge pump	2/12/2026	Reduced flowrates to meet system capacity

Table 9. DPE and Maintenance Alarm History
Page 2 of 2

O&M Date	Alarm	System Component	Issue	Suspected Cause	Troubleshooting Efforts	Date Resolved	Notes
2/24/2026	DTA LAH	Groundwater	High level float was triggered	Build up in the clarifier restricting flow	Turned on and off pumps remotely to determine current system capacity of 6.5 gpm from wellheads	2/13/2026	Reduced flowrates to meet system capacity
2/26/2026	DTA LAH	Groundwater	High level float was triggered	Build up in the clarifier restricting flow	Cleaned out the line between the DTA tank and clarifier	3/2/2026	May have to be a regular part of O&M

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-1	295–345	4,279.88 [c]	4/13/2012	322.49	—	0.00	3,957.39
			7/27/2012	322.69	—	0.00	3,957.19
			9/24/2012	322.75	—	0.00	3,957.13
		4,279.55	4/29/2014	325.75	—	0.00	3,953.80
			5/8/2015	326.60	—	0.00	3,952.95
			9/10/2015	326.96	—	0.00	3,952.59
			3/29/2016	327.12	—	0.00	3,952.43
			7/26/2016	327.34	—	0.00	3,952.21
			7/10/2018 [d]	327.93	—	0.00	3,951.62
			2/14/2019 [d]	328.18	—	0.00	3,951.37
			3/6/2019	328.11	—	0.00	3,951.44
			5/2/2019 [d]	328.41	—	0.00	3,951.14
			5/20/2019	328.20	—	0.00	3,951.35
			8/13/2019	328.61	—	0.00	3,950.94
			9/16/2019	328.85	—	0.00	3,950.70
			6/8/2020	328.91	—	0.00	3,950.64
			9/9/2020	329.24	—	0.00	3,950.31
			12/27/2020	329.27	—	0.00	3,950.28
			3/19/2021	329.44	—	0.00	3,950.11
			5/31/2022	Well plugged and abandoned			

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-2	287–347	4,280.53 [c]	10/26/2009	323.12	—	0.00	3,957.41
			9/24/2012	323.21	—	0.00	3,957.32
		4,280.23	4/29/2014	326.14	—	0.00	3,954.09
			5/8/2015	327.00	—	0.00	3,953.23
			9/10/2015	327.33	—	0.00	3,952.90
			3/29/2016	327.52	—	0.00	3,952.71
			7/26/2016	327.78	—	0.00	3,952.45
			7/10/2018 [d]	328.38	—	0.00	3,951.85
			2/14/2019 [d]	328.60	—	0.00	3,951.63
			3/6/2019	328.53	—	0.00	3,951.70
			5/2/2019 [d]	328.97	—	0.00	3,951.26
			5/20/2019	328.61	—	0.00	3,951.62
			8/13/2019	329.03	—	0.00	3,951.20
			9/17/2019	328.98	—	0.00	3,951.25
			6/8/2020	329.34	—	0.00	3,950.89
			9/9/2020	329.62	—	0.00	3,950.61
			12/27/2020	329.75	—	0.00	3,950.48
			3/19/2021	329.90	—	0.00	3,950.33
			5/31/2022	Well plugged and abandoned			

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-3	287–347	4,280.17 [c]	10/26/2009	322.36	—	0.00	3,957.81
			9/24/2012	322.44	—	0.00	3,957.73
		4,279.91	4/29/2014	325.38	—	0.00	3,954.53
			5/8/2015	326.20	—	0.00	3,953.71
			9/10/2015	326.56	—	0.00	3,953.35
			3/29/2016	326.71	—	0.00	3,953.20
			7/26/2016	326.94	—	0.00	3,952.97
			7/10/2018 [d]	327.52	—	0.00	3,952.39
			2/14/2019 [d]	327.76	—	0.00	3,952.15
			3/6/2019	327.75	—	0.00	3,952.16
			5/2/2019 [d]	328.00	—	0.00	3,951.91
			5/20/2019	327.79	—	0.00	3,952.12
			8/13/2019	328.19	—	0.00	3,951.72
			9/16/2019	328.11	—	0.00	3,951.80
			6/8/2020	328.49	—	0.00	3,951.42
			9/9/2020	328.79	—	0.00	3,951.12
			12/27/2020	328.87	—	0.00	3,951.04
			3/19/2021	329.00	—	0.00	3,950.91
			5/31/2022	Well plugged and abandoned			

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-4	275–345	4,280.02	4/29/2014	326.04	—	0.00	3,953.98
			5/8/2015	326.80	—	0.00	3,953.22
			9/10/2015	327.23	—	0.00	3,952.79
			3/29/2016	327.27	—	0.00	3,952.75
			7/26/2016	327.52	—	0.00	3,952.50
			7/10/2018 [d]	327.95	—	0.00	3,952.07
			2/14/2019 [d]	328.29	—	0.00	3,951.73
			3/6/2019	328.20	—	0.00	3,951.82
			5/2/2019 [d]	328.59	—	0.00	3,951.43
			5/20/2019	328.36	—	0.00	3,951.66
			8/13/2019	328.74	—	0.00	3,951.28
			9/17/2019	328.59	—	0.00	3,951.43
			6/8/2020	329.04	—	0.00	3,950.98
			9/9/2020	329.33	—	0.00	3,950.69
			12/27/2020	329.42	—	0.00	3,950.60
			3/19/2021	329.50	—	0.00	3,950.52
			12/13/2023	332.30	—	0.00	3,947.72
			12/14/2023	332.04	—	0.00	3,947.98
			3/29/2024	332.26	—	0.00	3,947.76
			8/25/2024	332.73	—	0.00	3,947.29

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-4 (cont.)	275–345	4,280.02	8/29/2024	332.37	—	0.00	3,947.65
			12/16/2024	338.08	—	0.00	3,941.94
			10/20/2025	333.38	—	0.00	3,946.64
			10/21/2025	333.05	—	0.00	3,946.97
			1/19/2026	333.55	—	0.00	3,946.47
			1/20/2026	333.46	—	0.00	3,946.56
BW-5	273.5–348.5	4,278.99	4/29/2014	325.53	—	0.00	3,953.46
			5/8/2015	326.27	—	0.00	3,952.72
			9/10/2015	326.73	—	0.00	3,952.26
			3/29/2016	326.87	—	0.00	3,952.12
			7/26/2016	326.98	—	0.00	3,952.01
			7/10/2018 [d]	327.53	—	0.00	3,951.46
			2/14/2019 [d]	329.46	NA	NA	NA
			3/6/2019	329.28	327.36	1.92	3,951.15
			5/2/2019 [d]	329.70	NA	NA	NA
			5/20/2019	329.35	327.58	1.77	3,950.97
			8/13/2019	328.89	328.20	0.69	3,950.62
			9/20/2019	328.94	328.18	0.76	3,950.62
			6/8/2020	329.65	329.07	0.58	3,949.78
			9/9/2020	329.34	328.92	0.42	3,949.97

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-5 (cont.)	273.5–348.5	4,278.99	12/27/2020	329.20	329.06	0.14	3,949.90
			3/20/2021	329.34	329.19	0.15	3,949.76
			12/13/2023	332.29	329.19	0.00	3,946.70
			12/14/2023	331.53	329.19	0.00	3,947.46
			3/29/2024	332.03	332.01	0.02	3,946.98
			8/25/2024	332.18	—	0.00	3,946.81
			8/29/2024	331.84	—	0.00	3,947.15
			12/17/2024	329.94	—	0.00	3,949.05
			10/20/2025	332.77	—	0.00	3,946.22
			10/21/2025	332.45	—	0.00	3,946.54
			1/19/2026	333.23	—	0.00	3,945.76
			1/20/2026	333.10	—	0.00	3,945.89
BW-6	275–345	4,280.24	4/29/2014	326.46	—	0.00	3,953.78
			5/8/2015	327.27	—	0.00	3,952.97
			9/10/2015	327.60	—	0.00	3,952.64
			3/29/2016	327.70	—	0.00	3,952.54
			7/26/2016	328.08	—	0.00	3,952.16
			7/10/2018 [d]	328.72	—	0.00	3,951.52
			2/14/2019 [d]	328.91	—	0.00	3,951.33
			3/6/2019	328.82	—	0.00	3,951.42

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-6 (cont.)	275–345	4,280.24	5/2/2019 [d]	329.23	—	0.00	3,951.01
			5/20/2019	328.91	—	0.00	3,951.33
			8/13/2019	329.35	—	0.00	3,950.89
			9/16/2019	329.18	—	0.00	3,951.06
			6/8/2020	329.70	—	0.00	3,950.54
			9/9/2020	330.00	—	0.00	3,950.24
			12/27/2020	330.07	—	0.00	3,950.17
			3/19/2021	330.24	—	0.00	3,950.00
			12/13/2023	332.80	—	0.00	3,947.44
			3/29/2024	332.01	—	0.00	3,948.23
			8/25/2024	333.23	—	0.00	3,947.01
			8/29/2024	332.99	—	0.00	3,947.25
			12/18/2024	333.50	—	0.00	3,946.74
			10/20/2025	336.60	—	0.00	3,943.64
			10/21/2025	333.73	—	0.00	3,946.51
			1/19/2026	334.21	—	0.00	3,946.03
			1/20/2026	334.00	—	0.00	3,946.24
BW-7	284–349	4,277.47	4/29/2014	324.63	—	0.00	3,952.84
			5/8/2015	325.42	—	0.00	3,952.05
			9/10/2015	325.84	—	0.00	3,951.63

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-7 (cont.)	284–349	4,277.47	3/29/2016	326.01	—	0.00	3,951.46
			7/26/2016	326.14	—	0.00	3,951.33
			3/6/2019	326.88	—	0.00	3,950.59
			5/20/2019	327.11	—	0.00	3,950.36
			8/13/2019	327.47	—	0.00	3,950.00
			9/18/2019	327.39	—	0.00	3,950.08
			6/8/2020	327.83	—	0.00	3,949.64
			9/9/2020	328.13	—	0.00	3,949.34
			12/27/2020	328.22	—	0.00	3,949.25
			3/19/2021	328.38	—	0.00	3,949.09
			12/13/2023	331.06	—	0.00	3,946.41
			12/14/2023	330.73	—	0.00	3,946.74
			3/29/2024	331.22	—	0.00	3,946.25
			8/25/2024	331.39	—	0.00	3,946.08
			8/29/2024	331.11	—	0.00	3,946.36
			12/18/2024	No reading			
			10/20/2025	332.80	—	0.00	3,944.67
			10/21/2025	332.00	—	0.00	3,945.47
			1/19/2026	332.44	—	0.00	3,945.03
			1/20/2026	333.32	—	0.00	3,944.15

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-7R	286.8-357.1	4,277.44	8/13/2019	327.33	—	0.00	3,950.11
			9/21/2019	327.80	—	0.00	3,949.64
			6/8/2020	327.83	—	0.00	3,949.61
			9/9/2020	328.08	—	0.00	3,949.36
			12/27/2020	328.19	—	0.00	3,949.25
			3/19/2021	328.39	—	0.00	3,949.05
		4,277.58 [e]	12/13/2023 [f]	334.2	—	0.00	3,943.38
			12/14/2023 [f]	330.7	—	0.00	3,946.88
			3/29/2024 [f]	331.0	—	0.00	3,946.58
			3/29/2024 [f]	331.1	—	0.00	3,946.48
			8/25/2024 [f]	353.0	—	0.00	3,924.58
			8/29/2024 [f]	331.1	—	0.00	3,946.48
			12/16/2024 [f]	352.1	—	0.00	3,925.48
			10/20/2025 [f]	348.7	—	0.00	3,928.88
			10/21/2025 [f]	332.2	—	0.00	3,945.38
			1/19/2026 [f]	332.6	—	0.00	3,944.98
			1/20/2026 [f]	336.9	—	0.00	3,940.68
BW-8	287–347	4,278.74	3/29/2016	326.61	—	0.00	3,952.13
			7/26/2016	326.75	—	0.00	3,951.99
			7/10/2018 [d]	327.33	—	0.00	3,951.41
			2/14/2019 [d]	327.73	—	0.00	3,951.01

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-8 (cont.)	287–347	4,278.74	3/6/2019	327.55	—	0.00	3,951.19
			5/20/2019	327.72	—	0.00	3,951.02
			8/13/2019	328.10	—	0.00	3,950.64
			9/18/2019	327.99	—	0.00	3,950.75
			6/8/2020	328.34	—	0.00	3,950.40
			9/9/2020	328.73	—	0.00	3,950.01
			12/27/2020	328.89	—	0.00	3,949.85
			3/20/2021	328.93	—	0.00	3,949.81
		4,277.89 [e]	12/13/2023	330.68	—	0.00	3,947.21
			12/14/2023	330.47	—	0.00	3,947.42
			3/29/2024	331.02	—	0.00	3,946.87
			8/25/2024	330.90	—	0.00	3,946.99
			8/29/2024	330.87	—	0.00	3,947.02
			12/16/2024	331.15	—	0.00	3,946.74
			10/20/2025	331.57	—	0.00	3,946.32
			10/21/2025	331.55	—	0.00	3,946.34
			1/19/2026	332.22	—	0.00	3,945.67
			1/20/2026	332.13	—	0.00	3,945.76
BW-9	287–347	4,278.31	3/29/2016	326.30	—	0.00	3,952.01
			7/26/2016	326.60	—	0.00	3,951.71

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-9 (cont.)	287–347	4,278.31	3/6/2019	327.33	—	0.00	3,950.98
			5/2/2019 [d]	327.67	—	0.00	3,950.64
			5/20/2019	327.44	—	0.00	3,950.87
			8/13/2019	327.81	—	0.00	3,950.50
			9/17/2019	327.74	—	0.00	3,950.57
			6/8/2020	328.11	—	0.00	3,950.20
			9/9/2020	328.45	—	0.00	3,949.86
			12/27/2020	328.52	—	0.00	3,949.79
			3/19/2021	328.62	—	0.00	3,949.69
			12/13/2023	331.43	—	0.00	3,946.88
			3/29/2024	331.36	—	0.00	3,946.95
			8/25/2024	331.98	—	0.00	3,946.33
			8/29/2024	331.69	—	0.00	3,946.62
			12/16/2024	332.17	—	0.00	3,946.14
			10/20/2025	332.58	—	0.00	3,945.73
			10/21/2025	No reading			
			1/19/2026	332.84	—	0.00	3945.47
			1/20/2026	332.68	—	0.00	3945.63
BW-10	306–346	4,275.11	3/29/2016	323.92	—	0.00	3,951.19
			7/26/2016	324.21	—	0.00	3,950.90

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
BW-10 (cont.)	306–346	4,275.11	3/6/2019	324.96	—	0.00	3,950.15
			5/20/2019	324.99	—	0.00	3,950.12
			8/13/2019	325.44	—	0.00	3,949.67
			9/17/2019	325.30	—	0.00	3,949.81
			6/8/2020	325.77	—	0.00	3,949.34
			9/9/2020	326.15	—	0.00	3,948.96
			12/27/2020	326.23	—	0.00	3,948.88
			3/19/2021	326.35	—	0.00	3,948.76
			12/13/2023	329.14	—	0.00	3,945.97
			3/29/2024	329.07	—	0.00	3,946.04
			8/25/2024	329.70	—	0.00	3,945.41
			8/29/2024	329.43	—	0.00	3,945.68
			12/16/2024	329.88	—	0.00	3,945.23
			10/20/2025	330.28	—	0.00	3,944.83
			10/21/2025	330.25	—	0.00	3,944.86
			1/19/2026	330.59	—	0.00	3,944.52
			1/20/2026	330.39	—	0.00	3,944.72
MW-11	285.5–355.5	4,274.64	8/13/2019	325.81	—	0.00	3,948.83
			9/18/2019	325.85	—	0.00	3,948.79
			6/8/2020	326.24	—	0.00	3,948.40

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
MW-11 (cont.)	285.5–355.5	4,273.83 [e]	9/9/2020	326.68	—	0.00	3,947.96
			12/27/2020	326.70	—	0.00	3,947.94
			3/19/2021	326.88	—	0.00	3,947.76
			12/13/2023 [f]	336.1	—	0.00	3,937.73
			12/14/2023 [f]	328.5	—	0.00	3,945.33
			3/29/2024 [f,g]	328.5	—	0.00	3,945.33
			8/25/2024 [f]	No reading			
			8/29/2024 [f]				
			12/16/2024				
			10/20/2025				
			10/21/2025				
			1/19/2026				
			1/20/2026				
MW-12	286.5–356.7	4,277.60	8/13/2019	328.16	—	0.00	3,949.44
			9/20/2019	328.14	—	0.00	3,949.46
			6/8/2020	328.60	—	0.00	3,949.00
			9/9/2020	328.93	—	0.00	3,948.67
			12/27/2020	329.05	—	0.00	3,948.55
			3/20/2021	329.22	—	0.00	3,948.38
		4,277.32 [e]	12/13/2023 [f]	334.8	—	0.00	3,942.52

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
MW-12 (cont.)	286.5–356.7	4,277.32 [e]	12/14/2023 [f]	331.2	—	0.00	3,946.12
			3/29/2024 [f]	331.4	—	0.00	3,945.92
			8/25/2024 [f]	332.0	—	0.00	3,945.32
			8/29/2024 [f]	324.3	—	0.00	3,953.02
			12/17/2024	No reading			
			10/20/2025				
			10/21/2025				
			1/19/2026				
			1/20/2026				
MW-13	287–357	4,275.82	8/13/2019	326.33	—	0.00	3,949.49
			9/21/2019	326.44	—	0.00	3,949.38
			6/8/2020	326.77	—	0.00	3,949.05
			9/9/2020	327.08	—	0.00	3,948.74
			12/27/2020	327.21	—	0.00	3,948.61
			3/19/2021	327.38	—	0.00	3,948.44
		4,275.35 [e]	12/13/2023 [f]	330.3	—	0.00	3,945.05
			12/14/2023 [f]	329.2	—	0.00	3,946.15
			3/30/2024 [f]	329.7	—	0.00	3,945.65
			8/25/2024 [f]	330.3	—	0.00	3,945.05
			8/29/2024 [f]	326.0	—	0.00	3,949.35

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
MW-13 (cont.)	287–357	4,275.35 [e]	12/17/2024	326.7	—	0.00	3,948.65
			10/20/2025	326.8	—	0.00	3,948.55
			10/21/2025	326.5	—	0.00	3,948.85
			1/19/2026	327.0	—	0.00	3,948.35
			1/20/2026	326.8	—	0.00	3,948.55
MW-14	280.5–350.7	4,265.25	9/19/2019	318.03	—	0.00	3,947.22
			6/8/2020	318.52	—	0.00	3,946.73
			9/9/2020	319.02	—	0.00	3,946.23
			12/27/2020	319.21	—	0.00	3,946.04
			3/19/2021	319.34	—	0.00	3,945.91
			12/13/2023	321.56	—	0.00	3,943.69
			12/14/2023	321.70	—	0.00	3,943.55
			3/29/2024	321.86	—	0.00	3,943.39
			8/25/2024	326.47	—	0.00	3,938.78
			8/29/2024	322.13	—	0.00	3,943.12
			12/17/2024	322.62	—	0.00	3,942.63
			10/20/2025	322.91	—	0.00	3,942.34
			10/21/2025	323.94	—	0.00	3,941.31
			1/19/2026	325.40	—	0.00	3,939.85
			1/20/2026	323.02	—	0.00	3,942.23

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
MW-15	282.0–352.3	4,268.58	6/8/2020	322.86	—	0.00	3,945.72
			9/9/2020	323.38	—	0.00	3,945.20
			12/27/2020	323.63	—	0.00	3,944.95
			3/19/2021	323.76	—	0.00	3,944.82
			12/13/2023	325.97	—	0.00	3,942.61
			12/14/2023	326.02	—	0.00	3,942.56
			3/29/2024	326.13	—	0.00	3,942.45
			8/25/2024	323.26	—	0.00	3,945.32
			8/29/2024	326.40	—	0.00	3,942.18
			12/16/2024	326.94	—	0.00	3,941.64
			10/20/2025	327.90	—	0.00	3,940.68
			10/21/2025	327.16	—	0.00	3,941.42
			1/19/2026	327.39	—	0.00	3,941.19
			1/20/2026	327.23	—	0.00	3,941.35
MW-16	289.0–359.3	4,276.23	6/8/2020	328.75	—	0.00	3,947.48
			9/9/2020	329.14	—	0.00	3,947.09
			12/27/2020	329.27	—	0.00	3,946.96
			3/19/2021	329.44	—	0.00	3,946.79
		4,276.04 [e]	12/13/2023 [f]	335.1	—	0.00	3,940.94
			12/14/2023 [f]	331.6	—	0.00	3,944.44
			3/29/2024 [f]	331.2	—	0.00	3,944.84

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
MW-16 (cont.)	289.0–359.3	4,276.04 [e]	8/25/2024 [f]	330.2	—	0.00	3,945.84
			8/29/2024 [f]	331.1	—	0.00	3,944.94
			12/16/2024 [f]	337.1	—	0.00	3,938.94
			10/20/2025 [f]	333.9	—	0.00	3,942.14
			10/21/2025 [f]	333.9	—	0.00	3,942.14
			1/19/2025 [f]	326.9	—	0.00	3,949.14
			1/20/2026 [f]	326.7	—	0.00	3,949.34
MW-17	288.4–358.7	4,277.42	6/8/2020	329.19	—	0.00	3,948.23
			9/9/2020	329.58	—	0.00	3,947.84
			12/27/2020	329.78	—	0.00	3,947.64
			3/19/2021	329.89	—	0.00	3,947.53
			12/13/2023	332.38	—	0.00	3,945.04
			12/14/2023	332.35	—	0.00	3,945.07
			3/29/2024	332.49	—	0.00	3,944.93
			8/25/2024	332.87	—	0.00	3,944.55
			8/29/2024	332.66	—	0.00	3,944.76
			12/16/2024	333.26	—	0.00	3,944.16
			10/20/2025	332.97	—	0.00	3,944.45
			10/21/2025	333.46	—	0.00	3,943.96

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
MW-17 (cont.)	288.4–358.7	4,277.42	1/19/2026	331.82	—	0.00	3,945.60
			1/20/2026	333.64	—	0.00	3,943.78
RW-1	264.9–355.3	4,280.00	8/13/2019	328.89	—	0.00	3,951.11
			9/19/2019	328.84	—	0.00	3,951.16
			6/8/2020	329.22	—	0.00	3,950.78
			9/9/2020	329.47	—	0.00	3,950.53
			12/27/2020	329.63	—	0.00	3,950.37
			3/20/2021	329.74	—	0.00	3,950.26
			12/13/2023 [f]	343.4	—	0.00	3,936.16
			12/14/2023 [f]	331.7	—	0.00	3,947.86
			3/29/2024 [f]	331.9	—	0.00	3,947.66
		4,279.56 [e]	8/25/2024 [f]	No reading			
			8/29/2024 [f]				
			12/16/2024				
			10/20/2025				
			10/21/2025				
			1/19/2026				
			1/20/2026				
RW-2	289.8–360.1	4,279.70	8/13/2019	329.00	—	0.00	3,950.70
			9/18/2019	328.97	—	0.00	3,950.73

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
RW-2 (cont.)	289.8–360.1	4,279.70	6/8/2020	329.28	—	0.00	3,950.42
			9/9/2020	329.58	—	0.00	3,950.12
			12/27/2020	329.77	—	0.00	3,949.93
			3/19/2021	330.07	329.72	0.35	3,949.89
		4,278.97 [e]	12/13/2023 [f]	332.9	—	0.00	3,946.07
			12/14/2023 [f]	331.8	—	0.00	3,947.17
			3/29/2024 [f]	330.7	—	0.00	3,948.27
			8/25/2024 [f]	333.4	—	0.00	3,945.57
			8/29/2024 [f]	No reading			
			12/16/2024				
			10/20/2025	No reading			
			10/21/2025				
			1/19/2026				
			1/20/2026				
RW-3	289.3–359.5	4,278.78	9/20/2019	327.95	—	0.00	3,950.83
			6/8/2020	328.25	—	0.00	3,950.53
			9/9/2020	328.56	—	0.00	3,950.22
			12/27/2020	328.68	—	0.00	3,950.10
			3/20/2021	328.83	—	0.00	3,949.95
		4,278.53 [e]	12/13/2023 [f]	334.3	—	0.00	3,944.23

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
RW-3 (cont.)	289.3–359.5	4,278.53 [e]	12/14/2023 [f]	330.9	—	0.00	3,947.63
			3/29/2024 [f]	330.9	—	0.00	3,947.63
			8/25/2024 [f]	357.7	—	0.00	3,920.83
			8/29/2024 [f]	332.2	—	0.00	3,946.33
			12/16/2024 [f]	333.4	—	0.00	3,945.13
			10/20/2025	No reading			
			10/21/2025				
			1/19/2026				
			1/20/2026				
RW-4	291.2–361.5	4,278.84	9/19/2019	328.48	—	0.00	3,950.36
			6/8/2020	328.85	—	0.00	3,949.99
			9/9/2020	329.18	—	0.00	3,949.66
			12/27/2020	329.27	—	0.00	3,949.57
			3/19/2021	329.38	—	0.00	3,949.46
			12/13/2023 [f]	341.6	—	0.00	3,936.50
			12/14/2023 [f]	331.2	—	0.00	3,946.90
			3/29/2024 [f]	331.5	—	0.00	3,946.60
			8/25/2024 [f]	332.0	—	0.00	3,946.10
			8/29/2024 [f]	331.4	—	0.00	3,946.70
			12/17/2024 [f]	336.3	—	0.00	3,941.80

Notes are provided at the end of the table.

Table 10. Fluid Level Measurements
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Well Name	Screened Interval (feet bgs)	Top of Casing Elevation [a] (feet msl)	Date Measured	Depth to Water (feet btoc)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation [b] (feet msl)
RW-4 (cont.)	291.2–361.5	4,278.10 [e]	10/20/2025 [f]	333.2	—	0.00	3,944.90
			10/21/2025 [f]	332.5	—	0.00	3,945.60
			1/19/2026 [f]	335.8	—	0.00	3,942.30
			1/20/2026 [f]	336.4	—	0.00	3,941.70

Note: Pre-2017 data reported by Brown Environmental, Inc. (BEI, 2016).

[a] Surveyed by Lydick Engineers & Surveyors, October 2019 or June 2020. For consistency, historical groundwater elevations reference current survey data.

[b] Groundwater elevation (GWE) corrected for LNAPL thickness using the following equation: GWE = Top of Casing Elevation – (DTW – [LNAPL thickness x 0.75]).

[c] Well survey data reported by BEI following well installation.

[d] Data reported by Brown Environmental, Inc. (BEI, 2019).

[e] Surveyed by Lydick Engineers & Surveyors, April 2022, following remediation system installation.

[f] Transducer data used to calculate depth to water and groundwater elevation.

[g] Depth to water recorded while remediation system was operating.

bgs = Below ground surface
btoc = Below top of casing
msl = Above mean sea level
LNAPL = Light nonaqueous-phase liquid
— = Not applicable

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
BW-1	4/13/2012	**240**	61	4.5	20	325.5	1.6	<1.0 [b]	3.5	<10
	9/25/2012	**290**	29	4.9	34	357.9	<1.0	<1.0 [b]	**5.2**	<10
	9/25/2012 [c]	**200**	46	7.8	45	298.8	<1.0	<1.0 [b]	**6.2**	<10
	4/30/2014	**50**	6.0	<1.0	1.6	57.6	<1.0	<1.0 [b]	1.4	<10
	5/7/2015	**130**	5.5	<1.0	5.6	141.1	1.1	<1.0 [b]	2.6	<10
	9/11/2015	**13**	55	<1.0	<1.5	68	<1.0	<1.0 [b]	<1.0	<10
	3/30/2016	**40**	130	<1.0	<1.5	170	<1.0	<1.0 [b]	1.3	<10
	7/27/2016	**18**	15	<1.0	<1.5	33	1.2	<1.0 [b]	1.9	<10
	7/10/2018	<1.0	2.9	<1.0	<1.5	2.9	<1.0	<1.0 [b]	<1.0	<10
	7/10/2018 [c]	<1.0	2.9	<1.0	<1.5	2.9	<1.0	<1.0 [b]	<1.0	<10
	2/15/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	2/15/2019 [c]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	5/3/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [b]	<1.0	<10
	5/3/2019 [c]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [b]	<1.0	<10
	5/22/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	9/16/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	6/9/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	5/31/2022	Well plugged and abandoned								
BW-2	9/25/2012	**21**	15	<1.0	6.2	42.2	<1.0	<1.0 [b]	1.0	<10
	4/29/2014	<1.0	5.6	<1.0	<1.5	5.6	<1.0	<1.0 [b]	<1.0	<10

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
BW-2 (cont.)	5/7/2015	<1.0	18	<1.0	<1.5	18	<1.0	<1.0 [b]	<1.0	<10
	9/10/2015	**7.2**	21	<1.0	<1.5	28.2	<1.0	<1.0 [b]	<1.0	<10
	3/29/2016	<1.0	97	<1.0	<1.5	97	<1.0	<1.0 [b]	<1.0	<10
	7/26/2016	<1.0	2.5	<1.0	<1.5	2.5	<1.0	<1.0 [b]	<1.0	<10
	7/10/2018	<1.0	1.7	<1.0	<1.5	1.7	<1.0	<1.0 [b]	<1.0	<10
	2/14/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	5/2/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [b]	<1.0	<10
	5/21/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	9/17/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0092 [d]	<1.0	<10
	6/9/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	5/31/2022	Well plugged and abandoned								
BW-3	9/25/2012	1.4	56	<1.0	6.1	63.5	<1.0	<1.0 [b]	<1.0	<10
	4/29/2014	<1.0	14	<1.0	<1.5	14	<1.0	<1.0 [b]	<1.0	<10
	5/7/2015	2.6	5.0	<1.0	3.5	11.1	<1.0	<1.0 [b]	<1.0	<10
	9/10/2015	<1.0	46	<1.0	<1.5	46	<1.0	<1.0 [b]	<1.0	<10
	3/29/2016	<1.0	180	<1.0	2.2	182.2	<1.0	<1.0 [b]	<1.0	<10
	7/26/2016	<1.0	4.0	<1.0	<1.5	4.0	<1.0	<1.0 [b]	<1.0	<10
	7/10/2018	<1.0	4.3	<1.0	<1.5	4.3	<1.0	<1.0 [b]	<1.0	<10
	2/15/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	5/3/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [b]	<1.0	<10

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
BW-3 (cont.)	5/21/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	9/16/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	6/9/2020	<1.0	1.2	<1.0	<1.5	1.2	<1.0	<0.0094 [d]	<1.0	<10
	5/31/2022	Well plugged and abandoned								
BW-4	4/30/2014	<1.0	11	<1.0	<1.5	11	<1.0	<1.0 [b]	1.8	<10
	5/7/2015	**1,100**	**1,100**	61	600	2,861	<1.0	<1.0 [b]	**32**	<10
	9/10/2015	1.9	43	<1.0	<1.5	44.9	<1.0	<1.0 [b]	<1.0	<10
	3/30/2016	**200**	200	5.1	33	438.1	<1.0	<1.0 [b]	**6.9**	<10
	7/27/2016	**140**	85	1.2	15	241.2	<1.0	<1.0 [b]	**6.9**	<10
	5/22/2019	1.8	<1.0	<1.0	<1.5	1.8	<1.0	<0.0094 [d]	2.1	<10
	9/17/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0092 [d]	<1.0	<10
	6/10/2020	2.2	<1.0	<1.0	<1.5	2.2	<1.0	<0.0093 [d]	**5.0**	<10
	9/11/2020	1.6	<1.0	<1.0	<1.5	1.6	<1.0	<0.0094 [d]	3.3	<10
	12/28/2020 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	1.1	<10
	3/20/2021 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	1.6	<10
	12/14/2023 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	3/29/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	8/26/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	12/17/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
BW-4 (cont.)	10/21/2025 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	1/20/2026 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
BW-5	4/29/2014	**2,100**	**1,800**	200	**990**	5,090	<1.0	**29**	**100**	**59.9**
	5/8/2015	**3,700**	**2,800**	300	**1,700**	8,500	<5.0	**51**	**180**	**83**
	9/11/2015	**2,000**	**1,400**	220	**900**	4,520	<5.0	**18**	**100**	**80**
	9/11/2015 [c]	**1,900**	**1,300**	230	**960**	4,390	<5.0	**20**	**100**	**64**
	3/30/2016	**5,000**	**4,200**	500	**2,000**	11,700	<5.0	**54**	**230**	<500 [b]
	7/28/2016	**2,000**	**2,400**	270	**1,300**	5,970	<10	**29**	**110**	**141**
	5/20/2019–3/20/2021	Well not sampled due to presence of LNAPL								
	12/14/2023 [e]	<2.0	2.5	<2.0	76	78.5	<2.0	**0.29** [d]	4.4	<20
	3/29/2024 [e]	**90**	660	88	**1,800**	2,638	<20	**13** [d]	**21**	**1,260**
	8/26/2024 [e]	**550**	180	69	**1,300**	2,099	<10	**9.2** [d]	**110**	**326**
	12/17/2024 [e]	**28**	9.1	0.73	51	89	<2.0	**0.53** [d]	**31**	2.9
	10/21/2025 [f]	<1.0	<1.0	<1.0	7.5	7.5	1.1	0.031 [d]	**33**	**42.7**
	1/20/2026 [e]	1.3	2.0	0.25 J	9.1	12.7	2.6	**2.6** [d]	**80**	<10
BW-6	4/29/2014	<1.0	10	<1.0	<1.5	10	<1.0	<1.0 [b]	<1.0	<10
	5/7/2015	<1.0	8.4	<1.0	<1.5	8.4	<1.0	<1.0 [b]	<1.0	<10
	9/10/2015	<1.0	36	<1.0	<1.5	36	<1.0	<1.0 [b]	<1.0	<10
	3/29/2016	<1.0	130	<1.0	<1.5	130	<1.0	<1.0 [b]	<1.0	<10

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
BW-6 (cont.)	7/26/2016	<1.0	3.8	<1.0	<1.5	3.8	<1.0	<1.0 [b]	<1.0	<10
	7/11/2018	<1.0	10	<1.0	<1.5	10	<1.0	<1.0 [b]	<1.0	<10
	2/15/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	5/2/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [b]	<1.0	<10
	5/21/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	9/16/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	6/9/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	12/17/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
BW-7	4/30/2014	**990**	3.4	67	260	1,320	<1.0	**2.6**	**75**	21.1
	4/30/2014 [c]	**1,100**	4.4	74	300	1,478	<1.0	**2.9**	**75**	20.1
	5/8/2015	**3,200**	**1,200**	210	**920**	5,530	<1.0	**9.6**	**230**	**45.5**
	9/11/2015	**9,400**	**5,000**	**750**	**2,600**	17,750	<1.0	**36**	**590**	**204**
	3/31/2016	**8,800**	**2,900**	650	**2,100**	14,450	<1.0	<50 [b]	**580**	**120**
	7/28/2016	**8,000**	**1,100**	630	**1,200**	10,930	<50	<50 [b]	**500**	**120**
	5/22/2019	**1,400**	140	100	230	1,870	<5.0	**0.24**	**180**	22
	9/18/2019	**590**	5.3	56	88	739.3	<2.0	**0.31** [d]	**120**	15
	6/12/2020	**240**	<2.0	<2.0	<3.0	240	<2.0	**0.86** [d]	**65**	<20
	9/14/2020	**48**	<1.0	1.4	<1.5	49.4	<1.0	**0.86** [d]	**78**	<10
	12/28/2020 [e]	**790**	<2.0	<2.0	3.1	793.1	<2.0	0.015 [d]	**370**	<20
	3/20/2021 [e]	**1,000**	<2.0	13	3.3	1,016.3	<2.0	0.0094 [d]	**110**	<20

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
BW-7 (cont.)	12/14/2023 [e]	<5.0 [b]	<5.0	<5.0	<7.5	<22.5	<5.0	**0.12** [d]	**43**	<50 [b]
	3/29/2024 [e]	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	**0.36** [d]	**240**	<20
	8/26/2024 [e]	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	**0.17** [d]	**190**	<20
	12/17/2024	No sample collected due to insufficient volume								
	10/21/2025	No sample collected due to insufficient volume								
	1/20/2026	No sample collected due to insufficient volume								
BW-7R	9/21/2019	**51**	9.4	1.5	9.2	71.1	<1.0	**0.096** [d]	**22**	<10
	6/11/2020	**160**	2.5	7.1	13	182.6	<1.0	**0.36** [d]	**50**	4.1
	9/12/2020	**130**	<2.0	4.3	5.6	139.9	<2.0	**0.17** [d]	**60**	<20
	12/28/2020	**130**	1.5	3.2	2.1	136.8	<1.0	**0.29** [d]	**71**	2.9
	12/28/2020 [e]	**610**	3.6	11	2.5	627.1	<1.0	0.044 [d]	**88**	6.7
	3/20/2021 [e]	**920**	2.2	43	20	985.2	<2.0	0.012 [d]	**120**	11
	12/13/2023 [f]	**1,700**	460	54	470	2,684	<2.0	**7.3** [d]	**210**	**30**
	3/28/2024 [f]	**5.8**	<2.0	<2.0	9.4	15.2	<2.0	**3.3** [d]	**190**	<20
	8/26/2024 [f]	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	**1.1** [d]	**120**	<20
	12/17/2024 [f]	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<0.0095 [d]	**37**	<20
	1/20/2026 [f]	**31**	0.23 J	0.42 J	0.84 J	32.5	<1.0	<0.0092 [d]	**67**	<10
BW-8	3/31/2016	**3,900**	**5,400**	440	**2,400**	12,140	<1.0	**95**	**210**	<500 [b]
	3/31/2016 [c]	**4,300**	**5,900**	500	**2,700**	13,400	<1.0	**110**	**230**	**100**
	7/28/2016	**3,600**	**4,800**	380	**2,500**	11,280	<50	**100**	**180**	**120**

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
BW-8 (cont.)	7/28/2016 [c]	**3,400**	**4,700**	380	**2,500**	10,980	<50	**100**	**180**	**120**
	5/30/2019	**4,600**	**4,200**	390	**1,200**	10,390	<5.0	**9.1** [d]	**290**	**67**
	9/18/2019	**5,000**	**4,300**	420	**1,400**	11,120	<10	**14** [d]	**270**	**94**
	6/13/2020	**7,000**	**7,900**	**700**	**2,500**	18,100	<20	**0.72** [d]	**190**	**180**
	9/15/2020	**4,800**	**7,500**	590	**2,600**	15,490	<50	**0.092** [d]	**95**	**130**
	12/29/2020	**4,100**	**5,600**	450	**1,800**	11,950	<5.0	**0.11** [d]	**90**	**146**
	12/29/2020 [e]	**15,000**	**24,000**	**1,400**	**7,400**	47,800	<20	**0.20** [d]	**77**	**413**
	3/21/2021 [e]	**14,000**	**23,000**	**1,600**	**6,600**	45,200	<50	**0.86** [d]	**94**	**300**
	12/14/2023 [e]	**1,500**	**1,300**	170	**910**	3,880	<50	**36** [d]	**98**	<500 [b]
	3/29/2024 [e]	**8,000**	**12,000**	**810**	**4,600**	25,410	<50	**0.53** [d]	<20 [b]	**220**
	8/26/2024 [e]	**1,800**	**2,100**	**250**	**1,100**	5,250	<5.0	**7.3** [d]	**25**	**105**
	12/17/2024 [e]	**230**	310	53	270	863	<10	**0.29** [d]	**14**	17
	10/21/2025 [e]	**620**	**1,200**	260	**1,700**	3,780	<1.0	**0.39** [d]	**64**	**900**
	1/20/2026 [e]	**220**	76	99	290	685	<2.0	0.021 [d]	2.6	**317**
BW-8 (Deep HS)	6/13/2020	**7,000**	**8,400**	570	**2,400**	18,370	<10	**0.26** [d]	<10 [b]	**120**
	9/15/2020	**14,000**	**28,000**	**1,600**	**10,000**	53,600	<50	**0.70** [d]	<50 [b]	**370**
BW-8 (Shallow HS)	6/13/2020	**6,300**	**8,500**	670	**2,600**	18,070	<20	**0.25** [d]	<20 [b]	**130**
	9/15/2020	**12,000**	**24,000**	**1,500**	**9,600**	47,100	<50	**0.88** [d]	**63**	**370**
	12/29/2020	**17,000**	**31,000**	**2,000**	**11,000**	61,000	<20	**0.19** [d]	**76**	**570**

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
BW-9	3/30/2016	<1.0	190	<1.0	<1.5	190	<1.0	<1.0 [b]	<1.0	<10
	7/27/2016	<1.0	6.1	<1.0	<1.5	6.1	<1.0	<1.0 [b]	<1.0	<10
	5/21/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	9/17/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	6/9/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	9/11/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	12/27/2020 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	3/20/2021 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	12/17/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
BW-10	3/29/2016	<1.0	280	<1.0	<1.5	280	<1.0	<1.0 [b]	<1.0	<10
	7/27/2016	<1.0	33	<1.0	<1.5	33	<1.0	<1.0 [b]	<1.0	<10
	5/21/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	9/17/2019	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	6/10/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	9/11/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	12/27/2020 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	3/20/2021 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	12/17/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
MW-11	9/18/2019	**3,300**	5.0	280	**1,100**	4,685	<5.0	**5.0** [d]	**130**	**40**
	6/13/2020	**3,400**	8.9	300	**620**	4,328.9	<10	**2.9** [d]	**150**	**39**

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
MW-11 (cont.)	9/15/2020	**3,300**	14	300	520	4,134	<20	**1.2** [d]	**130**	**40**
	12/29/2020	**3,400**	5.1	280	450	4,135.1	<1.0	**0.93** [d]	**120**	**84**
	12/29/2020 [e]	**4,400**	2.8	310	46	4,758.8	<1.0	**0.30** [d]	**180**	**87**
	3/20/2021 [e]	**3,800**	<20	250	38	4,088	<20	**0.14** [d]	**200**	**42**
	12/12/2023 [f]	**3,200**	140	150	**910**	4,400	<20	**1.2** [d]	**220**	**51**
	3/28/2024	Well not sampled due to faulty pump; unable to collect with HydraSleeve								
	8/26/2024	Well not sampled due to faulty pump; unable to collect with HydraSleeve								
	12/17/2024 [f]	**3,600**	91	250	520	4,461	<10	<0.0095 [d]	**85**	**48**
	10/23/2025	Well not sampled due to faulty pump, unable to collect with HydraSleeve								
	2/12/2026 [f]	**2,400**	97 J	210	180	2,887	<100 [b]	**0.17** [d]	<100 [b]	**870**
MW-11 (Deep HS)	6/13/2020	**4,200**	<10	370	150	4,720	<10	**2.1** [d]	**190**	**50**
	9/15/2020	**3,100**	<20	170	83	3,353	<20	**0.71** [d]	**150**	**36**
MW-11 (Shallow HS)	6/13/2020	**3,900**	<10	250	86	4,236	<10	**1.4** [d]	**190**	28
	9/15/2020	**3,300**	<20	230	100	3,630	<20	**0.74** [d]	**140**	**34**
	12/29/2020	**3,300**	2.9	150	24	3,476.9	<1.0	**0.11** [d]	**160**	**45.1**
MW-12	9/20/2019	**1,400**	27	9.4	200	1,636.4	<1.0	**0.78** [d]	**72**	6.0
	6/12/2020	**1,400**	<10	10	130	1,540	<10	**0.50** [d]	**85**	<100 [b]
	9/15/2020	**930**	<5.0	<5.0	78	1,008	<5.0	**0.38** [d]	**68**	<50 [b]
	12/28/2020 [e]	**460**	<2.0	<2.0	11	471	<2.0	**0.21** [d]	**68**	<20
	3/21/2021 [e]	**98**	<5.0	<5.0	<7.5	98	<5.0	**0.11** [d]	**44**	<50 [b]

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
MW-12 (cont.)	12/13/2023 [f]	**540**	<10	<10	42	582	<10	**1.2** [d]	**120**	<100 [b]
	3/26/2024 [f]	**44**	<10	<10	20	64	<10	**1.4** [d]	**89**	<100 [b]
	8/26/2024 [f]	**250**	<1.0	<1.0	50	300	1.5	**0.26** [d]	**77**	2.5
	12/17/2024 [f]	<5.0	<5.0	<5.0	2.2	2.2	<5.0	**0.49** [d]	**66**	<50
	10/22/2025 [f]	**53**	<1.0	<1.0	18	71	<1.0	<0.0093 [d]	**38**	9.0
	1/20/2026 [f]	**80**	0.51 J	0.42 J	2.3	83	<1.0	<0.0093 [d]	4.3	8.3
MW-13	9/21/2019	**97**	6.4	9.2	29	141.6	<1.0	0.037 [d]	**5.1**	<10
	6/12/2020	**79**	<2.0	4.4	13	96.4	<2.0	0.035 [d]	**6.6**	<20
	9/12/2020	**94**	<1.0	7.5	23	124.5	<1.0	0.039 [d]	**11**	<10
	12/28/2020 [e]	**22**	<1.0	2.6	2.5	27.1	<1.0	**0.079** [d]	**26**	<10
	3/20/2021 [e]	**64**	<1.0	2.8	1.8	68.6	<1.0	**0.090** [d]	**26**	2.0
	12/12/2023 [f]	**110**	<1.0	1.6	39	150.6	<1.0	**0.10** [d]	**76**	6.0
	3/26/2024 [f]	**190**	<2.0	<2.0	33	223	<2.0	**0.064** [d]	**110**	<20
	8/25/2024 [f]	2.3	<1.0	<1.0	21	23	<1.0	**0.061** [d]	**85**	<10
	12/17/2024 [f]	<2.0	<2.0	<2.0	4.8	4.8	<2.0	<0.0095 [d]	**76**	2.1
	11/5/2025	**8.6**	<2.0	<2.0	<3.0	8.6	<2.0	**0.060** [d]	**93**	11.0
	1/20/2026 [f]	1.3 J	<2.0	<2.0	0.97 J	2.27	<2.0	<0.0093 [d]	<2.0	<20
MW-14	9/19/2019	4.0	15	2.8	15	36.8	<1.0	**0.050** [d]	<1.0	<10
	6/10/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	9/9/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0096 [d]	<1.0	<10

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
MW-14 (cont.)	12/27/2020 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	3/20/2021 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	12/14/2023 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	3/29/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	8/26/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	12/17/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	10/21/2025 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	1/20/2026 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
MW-14 (Deep HS)	6/10/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	9/9/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
MW-14 (Shallow HS)	6/10/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	9/9/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
MW-15	6/11/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	9/10/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	12/27/2020 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0096 [d]	<1.0	<10
	3/20/2021 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	12/14/2023 [e]	**11**	<1.0	<1.0	<1.5	11	<1.0	0.028 [d]	<1.0	<10
	3/29/2024 [e]	**33**	<1.0	<1.0	3.8	36.8	<1.0	**0.087** [d]	<1.0	<10
	8/26/2024	**28**	<1.0	<1.0	<1.5	28	<1.0	**0.13** [d]	1.1	<10
	12/17/2024 [e]	**15**	<1.0	<1.0	0.78	15.78	<1.0	**0.18** [d]	1.4	<10

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
MW-15 (cont.)	10/21/2025 [e]	**460**	<1.0	<1.0	6.5	467	<1.0	**0.73** [d]	**14**	<10
	12/18/2025 [h]	**460**	<5.0	<5.0	14	474	<5.0	**0.52** [d]	**28**	<50
	12/21/2025 [e]	**310**	<5.0	<5.0	21	331	<5.0	**0.61** [d]	**24**	<50
	1/20/2026 [e]	**640**	0.67 J	<1.0	30	671	<1.0	**0.57** [d]	**21**	<10
MW-16	6/11/2020	**520**	8.7	42	140	710.7	<1.0	**0.82** [d]	**35**	3.2
	9/11/2020	**920**	11	34	300	1,265	<2.0	**0.66** [d]	**55**	7.5
	12/28/2020	**1,500**	7.3	49	380	1,936.3	<1.0	**0.52** [d]	**70**	18.1
	12/28/2020 [e]	**55**	<1.0	2.7	29	86.7	<1.0	**0.25** [d]	**30**	<10
	3/20/2021 [e]	**10**	<1.0	<1.0	2.6	12.6	<1.0	**0.30** [d]	**27**	<10
	12/12/2023 [e]	**1,500**	<1.0	<1.0	39	1,539	<1.0	**0.74** [d]	**77**	7.7
	3/26/2024 [e]	**640**	<2.0	<2.0	8.8	648.8	<2.0	**0.49** [d]	**97**	<20
	8/26/2024	Well not sampled due to faulty plumbing; unable to collect with HydraSleeve								
	12/17/2024 [f]	**440**	<10	<10	9.8	449.8	<10	<0.0095 [d]	**49**	<100
	10/23/2025	Well not sampled due to faulty plumbing, unable to collect with HydraSleeve								
	2/23/2026 [e]	**28**	<5.0	<5.0	2.9 J	31	<5.0	0.023 [d]	**110**	<50 [b]
MW-17	6/11/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	9/10/2020	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	12/27/2020 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	3/20/2021 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	12/14/2023 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
MW-17 (cont.)	3/29/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0096 [d]	<1.0	<10
	8/26/2024	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
	12/17/2024 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	<1.0	<10
	10/21/2025 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0094 [d]	<1.0	<10
	1/20/2026 [e]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0093 [d]	<1.0	<10
RW-1	9/19/2019	**720**	800	47	430	1,997	<1.0	**6.4** [d]	**36**	10
	6/13/2020	**340**	39	18	51	448	<5.0	**0.22** [d]	<5.0 [b]	10
	9/15/2020	**650**	230	49	120	1,049	<2.0	**1.7** [d]	**22**	14
	12/28/2020 [e]	**5,500**	**3,300**	260	**2,000**	11,060	<1.0	**5.1** [d]	**31**	**161**
	3/21/2021 [e]	**3,000**	750	230	590	4,570	<2.0	**7.5** [d]	**57**	**123**
	12/13/2023 [f]	<2.0	<2.0	<2.0	6.0	6.0	<2.0	**1.1** [d]	**48**	<20
	3/27/2024 [f]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.0095 [d]	**15**	<10
	8/26/2024	Well not sampled due to well pump and transducer issues; unable to collect with HydraSleeve								
	12/17/2024	Well not sampled due to well pump and transducer issues; unable to collect with HydraSleeve								
	10/23/2025	Well not sampled due to well pump and transducer issues; unable to collect with HydraSleeve								
	2/12/2026 [f]	<1.0	2.0	0.57 J	6.6	9.2	<1.0	**0.1** [d]	1.8	<10
RW-2	9/18/2019	**3,500**	**3,300**	210	**1,600**	8,610	<10	**74** [d]	**220**	**58**
	6/14/2020	**1,800**	**1,100**	130	470	3,500	<20	**4.8** [d]	<20 [b]	<200 [b]
	9/15/2020	**2,500**	**2,600**	180	**800**	6,080	<10	**2.6** [d]	**25**	**41**
	12/27/2020 [e]	**7,400**	**6,200**	380	**1,800**	15,780	<1.0	**31** [d]	**64**	**133**

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
RW-2 (cont.)	3/19/2021 [e]	Well not sampled due to presence of LNAPL								
	12/13/2023 [f]	**41**	73	<20	120	234	<20	**12** [d]	**20**	<200 [b]
	4/28/2024 [f]	**100**	690	130	**1,600**	2,520	<5.0	**16** [d]	**26**	**250**
	8/26/2024	Well not sampled due to well pump issues; unable to collect with HydraSleeve								
	12/17/2024	Well not sampled due to well pump issues; unable to collect with HydraSleeve								
	1/3/2025 [f,g]	**510**	320	510	**5,500**	6,840	<5.0	**19** [d]	**150**	**526**
	10/22/2025 [f]	**35**	90	44	**1,300**	1,469	<5.0	**0.13** [d]	<5.0	**263**
	2/12/2026 [e]	**690**	**6,600**	**820**	**7,600**	15,710	<5.0	**4.8** [d]	<5.0 [b]	**1,200**
RW-3	9/20/2019	**4,100**	**5,100**	310	**2,300**	11,810	<10	**25** [d]	**130**	**58**
	6/13/2020	**3,800**	**2,300**	290	**2,100**	8,490	<20	**49** [d]	**180**	**76**
	9/16/2020	**4,000**	**2,900**	280	**1,900**	9,080	<20	**33** [d]	**190**	**68**
	12/28/2020	**3,000**	**2,500**	200	**1,200**	6,900	<1.0	**14** [d]	**94**	**90**
	12/28/2020 [e]	**2,000**	530	89	**690**	3,309	<2.0	**20** [d]	**84**	24
	3/21/2021 [e]	**2,900**	980	160	**930**	4,970	<20	**22** [d]	**110**	**44**
	12/13/2023 [f]	**320**	330	<20	250	900	<20	**8.0** [d]	**83**	<200 [b]
	3/26/2024 [f]	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**0.36** [d]	2.7	<10
	8/30/2024 [f]	**7.6**	1.6	<1.0	<1.5	9.2	<1.0	<0.0091 [d]	2.4	<10
	12/17/2024	Well not sampled due to well pump issues; unable to collect with HydraSleeve								
	10/23/2025	Well not sampled due to well pump issues, unable to collect with HydraSleeve								
	2/12/2026 [f]	0.54 J	13	5	48	66	6.8	**4.4** [d]	**45**	7.8 J

Notes are provided at the end of the table.

Table 11. Groundwater Analytical Organic Chemistry Data
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Well Name	Date Sampled	Concentration [a] (µg/L)								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard		*5*	*1,000*	*700*	*620*	*None*	*100*	*0.05*	*5*	*30*
RW-4	9/19/2019	**690**	730	47	340	1,807	<1.0	**5.2** [d]	**28**	5.4
	6/12/2020	**1,500**	410	110	360	2,380	<5.0	**13** [d]	**100**	20
	9/12/2020	**1,400**	600	92	300	2,392	<10	**9.7** [d]	**91**	<100 [b]
	12/28/2020	**1,900**	**1,400**	160	**650**	4,110	<10	**8.8** [d]	**33**	27
	12/28/2020 [e]	**3,400**	**1,100**	220	**760**	5,480	<10	**10** [d]	**56**	**35**
	3/20/2021 [e]	**3,000**	**1,100**	200	**640**	4,940	<5.0	**7.4** [d]	**41**	**35**
	12/13/2023 [f]	**2,000**	**2,800**	160	**1,400**	6,360	<20	**47** [d]	**230**	**58**
	3/26/2024 [f]	**990**	960	27	560	2,537	<20	**33** [d]	**130**	<200 [b]
	8/26/2024	Well not sampled due to well pump issues; unable to collect with HydraSleeve								
	12/17/2024 [f]	**540**	**1,000**	45	**930**	2,515	<20	<0.0094 [d]	**130**	21
	10/23/2025 [f]	**110**	<20	<20	120	230	<20	**3.0** [d]	**62**	<200 [b]
	1/20/2026 [f]	**84**	56	10 J	480	630	<20	**20** [d]	**85**	<200 [b]

Notes are provided on the next page.

Table 11. Groundwater Analytical Organic Chemistry Data
Page 16 of 16

Bold indicates that value equals or exceeds the New Mexico Water Quality Control Commission (NMWQCC) standard.
Pre-May 2, 2019 data reported by Brown Environmental, Inc. (BEI, 2016).

[a] Analyzed using U.S. Environmental Protection Agency (EPA) method 8260B, unless otherwise noted.

[b] Reporting limit is equal to or greater than the standard.

[c] Duplicate sample.

[d] Samples analyzed using EPA method 504.1.

[e] Sample collected using HydraSleeve sampling device.

[f] Sample collected from wellhead sample port using the installed remediation pump.

[g] Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory limits.

[h] Sample collected post-bailing

µg/L = Micrograms per liter
BTEX = Benzene, toluene, ethylbenzene, and total xylenes
MTBE = Methyl tertiary-butyl ether
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane
LNAPL = Light nonaqueous-phase liquid
HS = HydraSleeve
J = Value is below the reporting limit, but was reported as an estimated concentration by the laboratory

Table 12. LNAPL Recovery from Site Wells

Date Bailed	Depth to Water [a] (feet btoc)	Depth to LNAPL (feet btoc)	Initial LNAPL Thickness (feet)	Depth to Water [b] (feet btoc)	Total Volume of Fluids Removed (gallons)	Volume of LNAPL Removed (gallons)	Cumulative Volume of LNAPL Removed (gallons)	Final Thickness of LNAPL (feet)
Cumulative volume of LNAPL recovered by DBS&A is approximately 3.8 gallons, as tabulated below.								
BW-5								
5/23/2019	329.35	327.58	1.77	328.02	7.16	1.95	1.95	0.26
9/20/2019	328.94	328.18	0.76	328.37	5.35	0.95	2.90	0.01
6/8/2020	329.65	329.07	0.58	329.22	4.27	0.46	3.36	0.00
9/16/2020	329.34	328.92	0.42	329.03	4.05	0.26	3.62	0.00
12/29/2020	329.20	329.06	0.14	329.10	4.11	0.07	3.69	0.01
3/20/2021	329.34	329.19	0.15	329.23	1.20	0.05	3.74	0.00
RW-2								
3/21/2021	330.07	329.72	0.35	329.81	1.11	0.07	0.07	0.01

[a] Depth to water (DTW) before correction for light nonaqueous-phase liquid (LNAPL) thickness.

[b] DTW corrected for LNAPL thickness using the following equation: DTW = DTW – (LNAPL thickness x 0.75).

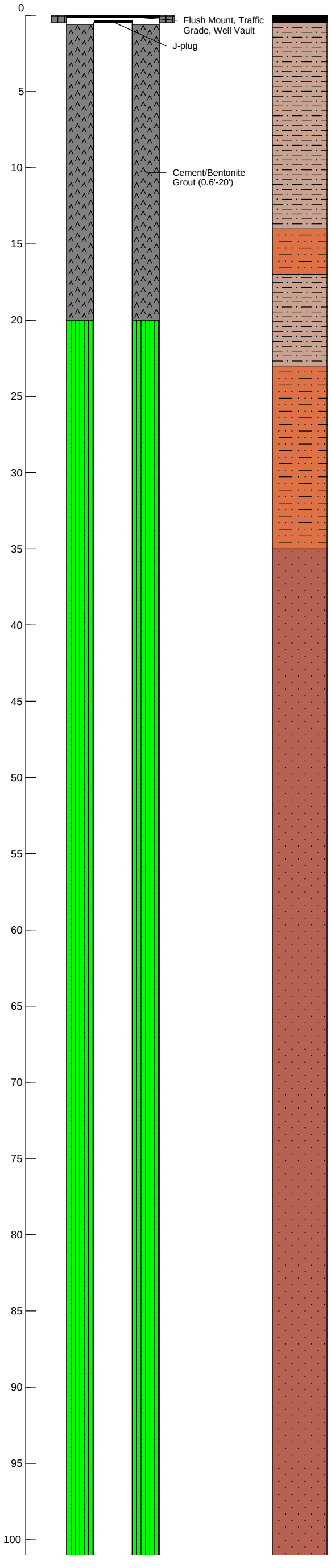
btoc = Below top of casing

Appendix A

Well Boring Logs

DBS&A
a Geo-Logic Company

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	0.5	100	0-15	NA	0-0.5	Asphalt.
				CL	0.5-14	Sandy clay - yellowish red (5YR 5/6), fine grained, well sorted, subrounded, moderate to high plasticity, medium dense, slightly moist, odorless.
				CL		Sandy clay - as above.
				CL		Sancy clay - as above with calcium carbonate.
				SC	14-17	Clayey sand - dry, otherwise as above.
	0.0	100	15-25	SC		Clayey sand - as above with less calcium carbonate.
				CL	17-23	Sandy clay - yellowish red (5YR 5/6), fine grained, well sorted, subrounded, moderate plasticity, medium dense, dry, odorless, trace calcium carbonate.
				SC	23-35	Clayey sand - increased calcium carbonate concentrations, otherwise as above.
	0.0	100	25-35	SC		Clayey sand - reddish yellow (5YR 6/6), loose to partially cemented, otherwise as above.
	0.3	100	35-45	SP	35-137	Sand - reddish yellow (5YR 6/6), fine grained, well sorted, subrounded, non-plastic, loose, dry, odorless, trace silt, calcium carbonate concretions.
	0.0	100	45-55	SP		Sand - as above.
				SP		Sand - as above with high amounts of calcium carbonate.
	1.3	100	55-65	SP		Sand - as above.
				SP		Caliche.
	0.6	100	65-75	SP		Sand - as above.
				SP		Sand - as above with lower amounts of calcium carbonate.
	0.0	100	75-85	SP		Clayey sand - reddish brown (7.5YR 6/6), fine grained, well sorted, subrounded to subangular, low plasticity, loose, dry, odorless, trace calcium carbonate.
				SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless.
	4.8	100	85-95	SP		Sand - as above.
				SP		Sand - light gray (10YR 7/2), fine grained, well sorted, subrounded, non-plastic, loose, dry, pulverized, odorless, trace silt.
				SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless.
	0.3	100	95-105	SP		Sand - as above.
				SP		Sand - light gray (10YR 7/2), fine grained, well sorted, subrounded, non-plastic, loose, dry, pulverized, odorless, trace silt.
				SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless.

Geologist: H. Barnes
Driller: Yellow Jacket Drilling
Date completed: 8/4/19

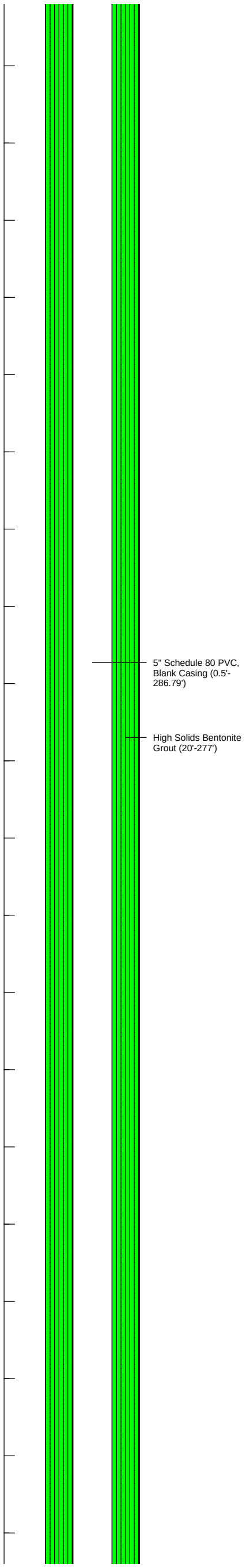
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 124529 Elevation: 4277.44
Easting: 884291.12

FORMER Y STATION
CLOVIS, NEW MEXICO
BW-7R

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
				SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless.
				SP		Sand - as above with increased calcium carbonate concentrations.
105	0.0	100	105-115	SP		Sand - as above without calcium carbonate.
110				SP		Sand - as above with calcium carbonate, loose to partially cemented.
				SP		Sand - as above, pinkish gray (7.5YR 7/2), calcium carbonate.
				SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless.
115	0.0	100	115-125	SP		Sand - as above, no calcium carbonate, light reddish brown (5YR 6/4), 2" layer light grey sand layer at 117' bgs.
120						
125	0.0	100	125-135	SP		Sand - as above.
130						
135	0.2	100	135-145	SP		Sand - as above.
				SM	137-145	Silty sand - pinkish white (5YR 8/2), fine grained, well sorted, rounded, loose, dry, calcium carbonate rich, pulvurized.
140						
145	0.0	100	145-155	SP	145-354	Sand - reddish yellow (5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless, little to no calcium carbonate.
150						
155	0.0	100	155-165	SP		Sand - as above.
				SP		Sand - as above with increased calcium carbonate content.
160						
165	0.0	100	165-175	SP		Sand - as above with little to no calcium carbonate content.
				SP		Sand - as above mottled with light gray (10YR 7/2).
170				SP		Sand - as above with little to no calcium carbonate content.
175	0.0	100	175-185	SP		Sand - as above.
				SP		Sand - light gray (10YR 7/2), fine grained, well sorted, subrounded, non-plastic, loose, dry, pulverized, odorless, trace silt.
				SP		Sand - reddish yellow (5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless, little to no calcium carbonate.
				SP		Sand - light gray (10YR 7/2), fine grained, well sorted, subrounded, non-plastic, loose, dry, pulverized, odorless, trace silt.
180				SP		Sand - reddish yellow (5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless, little to no calcium carbonate.
185	0.0	100	185-195	SP		Sand - as above.
190						
				SP		Sand - light gray (10YR 7/2), fine grained, well sorted, subrounded, non-plastic, loose, dry, pulverized, odorless, trace silt.
				SP		Sand - reddish yellow (5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless, little to no calcium carbonate.
195	0.0	100	195-205	SP		Sand - as above.
200						

Geologist: H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 7/20/19
Well completion date: 8/4/19

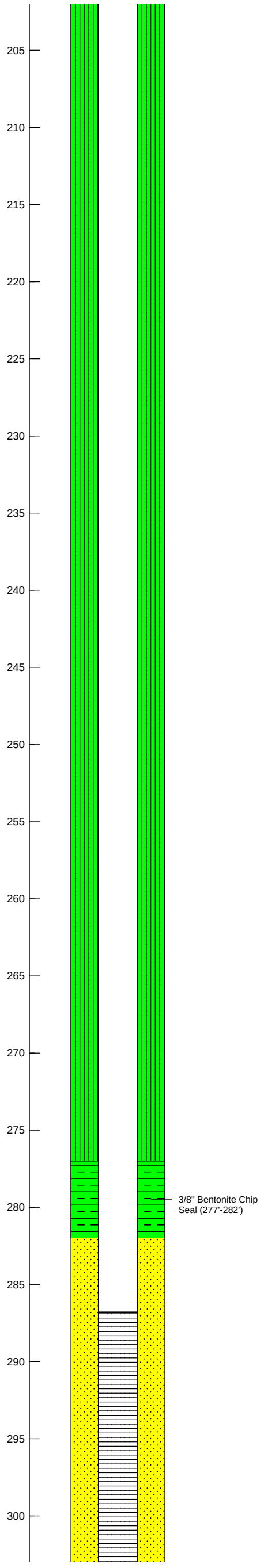
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245210.02 Elevation: 4277.44
Easting: 884291.06

FORMER Y STATION
CLOVIS, NEW MEXICO
BW-7R

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	205	4.4	100	205-215	SP		Sand - as above.
	210				SP		Sand - as above, pinkish gray, calcium carbonate rich.
					SP		Sand - as above, reddish yellow (5YR 6/6), no calcium carbonate.
					SP		Sand - as above, pinkish gray, calcium carbonate rich.
					SP		Sand - as above, reddish yellow (5YR 6/6), no calcium carbonate.
	215	2.1	100	215-225	SP		Sand - as above.
	220						
	225	1.0	100	225-235	SP		Sand - as above.
	230				SP		Sand - as above.
	235	0.7	100	235-245	SP		Sand - as above with calcium carbonate.
	240						
	245	1.1	100	245-255	SP		Sand - as above with little to no calcium carbonate.
	250						
	255	0.7	100	255-265	SP		Sand - as above.
	260						
	265	6.3	100	265-275	SP		Sand - as above.
	270						
	275	4.7	100	275-285	SP		Sand - as above with increased calcium carbonate.
	280						
	285	5.3	100	285-295	SP		Sand - as above.
	290						
	295	5.8	100	295-305	SP		Sand - as above but slightly moist.
	300						

Geologist: H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 7/20/19
Well completion date: 8/4/19

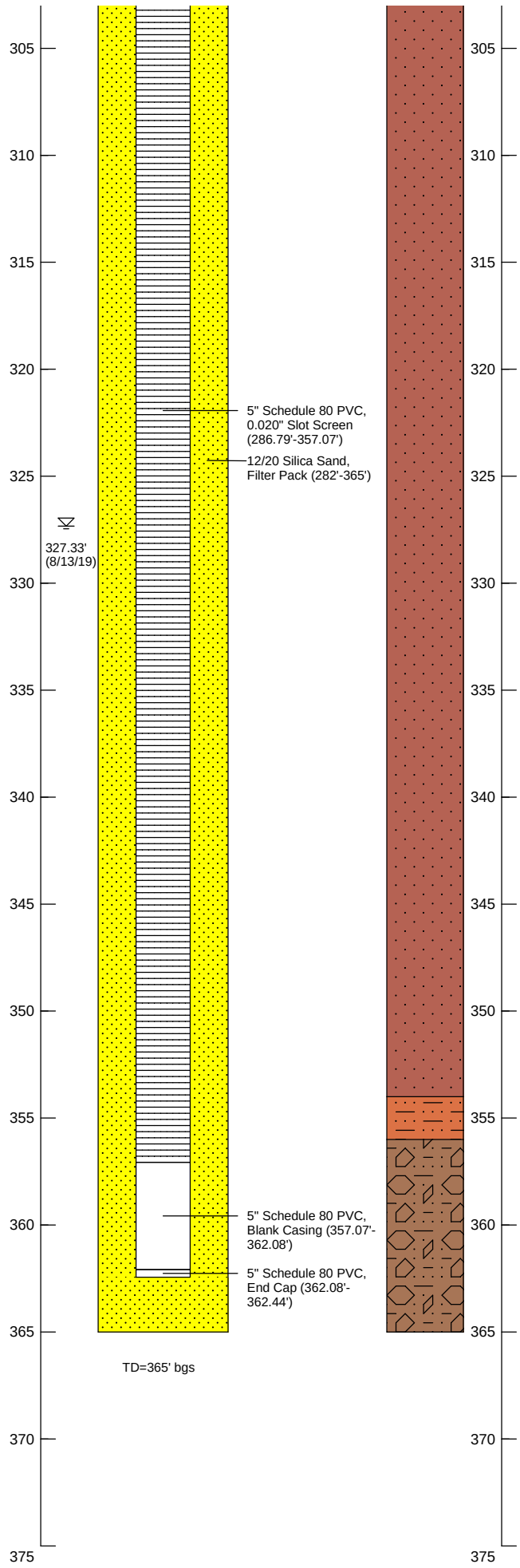
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245210.02 Elevation: 4277.44
Easting: 884291.06

FORMER Y STATION
CLOVIS, NEW MEXICO
BW-7R

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	1.7	100	305-315	SP		Sand - as above, dry.
	2.2	100	315-325	SP		Sand - as above but slightly moist and trace silt.
	15.5	100	325-335	SP		Sand - as above. Saturated at 330'.
	NA	100	335-345	SP		Sand - as above, saturated.
				SP		Sand - as above with trace low plasticity clay.
	NA	100	345-355	SP		Sand - as above.
				SP		Sand - as above, loose to partially cemented with calcium carbonate, dry.
				SC	354-356	Clayey sand - yellowish red (5YR 4/6), fine grained, well sorted, rounded, low plasticity, medium dense, slightly moist, no odor.
	NA	100	355-365	SC		Clayey sand - as above.
				SW-SC	356-356.5	Wackestone.
				SW	356.5-365	Gravelly sand with clay - light reddish brown (5YR 6/3), fine grained, poorly sorted, subrounded, fine gravels, low plasticity, loose, dry, no odor, calcium carbonate rich.

Geologist: H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 7/20/19
Well completion date: 8/4/19

Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245210.02 Elevation: 4277.44
Easting: 884291.06

FORMER Y STATION
CLOVIS, NEW MEXICO
BW-7R

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

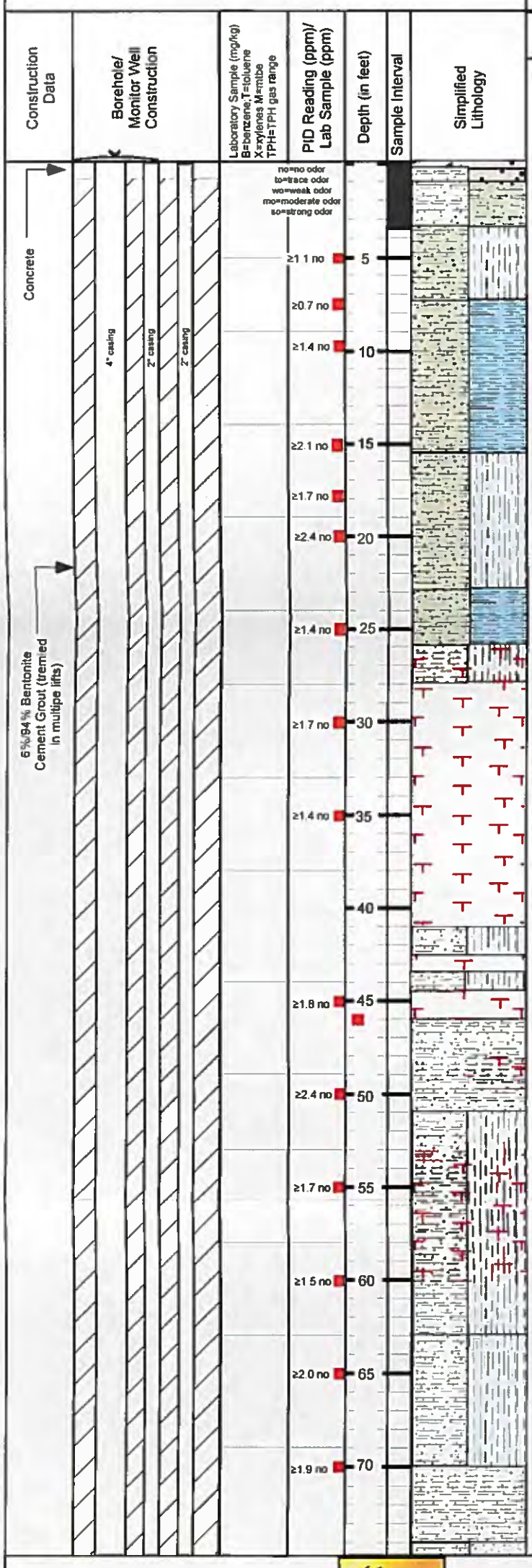
ALLSUPS #320

CLIENT: Allsups Petroleum, Inc.

Borehole ID: BW-8 page 1 of 5

DATE OF DRILLING:	11/10-14/15
LOGGED BY:	WJB
DRILLER:	John Chavez/Yellowjacket
BOREHOLE DIAMETER:	11 3/4"
DRILLING METHOD:	ARCH
SAMPLING METHOD:	Cuttings/Split Spoon
TOP OF CASING ELEV:	na
DEPTH TO WATER:	~327'
TOTAL DEPTH:	356'
SHALLOW WELL	2" Sched 80 PVC; Screen 115'-175'
INTERMEDIATE WELL	2" Sched 80 PVC; Screen 200'-260'
DEEP WELL	4" Sched 80 PVC; Screen 287'-347'
SURFACE COMPLETION:	18"X18" Manway w/Concrete Pad





USCS - LITHOLOGIC DESCRIPTION

Surface Conditions: 0-0 3' Saw cut concrete.

0.3'-3.5' Cuttings/Posthole 0 3'-1.0' **(SM/SW)** with **(SC)** Silty fine to medium sand with minor gravel and clay/silt. 1.0'-3.5' **(SM/SC)** Clayey silty very fine sand, weakly plastic, brown **(10YR)**, soft, slightly moist, no apparent hydrocarbon odor.

3.5'-7.5 Cuttings **(SC/ML)** Light tan-brown silty clayey very fine sand, plastic, soft, slightly moist, calcium carbonate, no apparent hydrocarbon odor.

7.5'-15.5' Cuttings **(SC/CL)** Light brown **(10YR)** silty sandy clay, plastic, slightly moist, no apparent hydrocarbon odor.

15.5'-23.0' Cuttings **(SC/ML)** Weakly cemented with calcium carbonate, slightly moist, no apparent hydrocarbon odor.

23.0'-26.0' Cuttings **(SC/CL)** Light brown **(10YR)** soft, plastic, silty very fine sand-clay mixture, slightly moist, no apparent hydrocarbon odor.

26.0'-28.0' Cuttings **(SM/ML)** silt-very fine sand with Stage 3 caliche, hard drilling, light tan-white, no apparent hydrocarbon odor.

28.0'-41.0' Cuttings **(Caliche)**, Stage 3+ to 4, dense, massive, hard drilling. light tan-white.

<11/10/15 19:50 Stopped Drilling at 40' >
<11/11/15 7:20 Blowdown - 1.1 ppm/v, no apparent hydrocarbon odor.>

41.0'-46.0' Cuttings **(SM/ML)** silt-very fine sand Stage 3+ calcium carbonate with interbeds of Stage 4, slightly moist.

46.0'-51.0' Cuttings **(SM)** **(5YR 6/4)** Light red brown, silty very fine sand, unconsolidated at top with localized calcium carbonate nodules, no apparent hydrocarbon odor, slightly moist.

51.0'-63.0' Cuttings **(SM/ML)** with Stage 2 to Stage 3 -3+ calcium carbonate zones, light tan-white pink, **(5YR)** slightly moist, no apparent hydrocarbon odor.

63.0'-70.0' Cuttings **(SM/ML)** Silt-very fine sand, light tan-brown **(10YR)** localized minor calcium carbonate, slightly moist, no apparent hydrocarbon odor.

70.0'-74.0' Cuttings **(SM)** silty very fine sand, light brown **(7.5YR)**, unconsolidated, slightly moist.

BROWN ENVIRONMENTAL, INC

P.O. BOX 886 PLACITAS, NM 87043

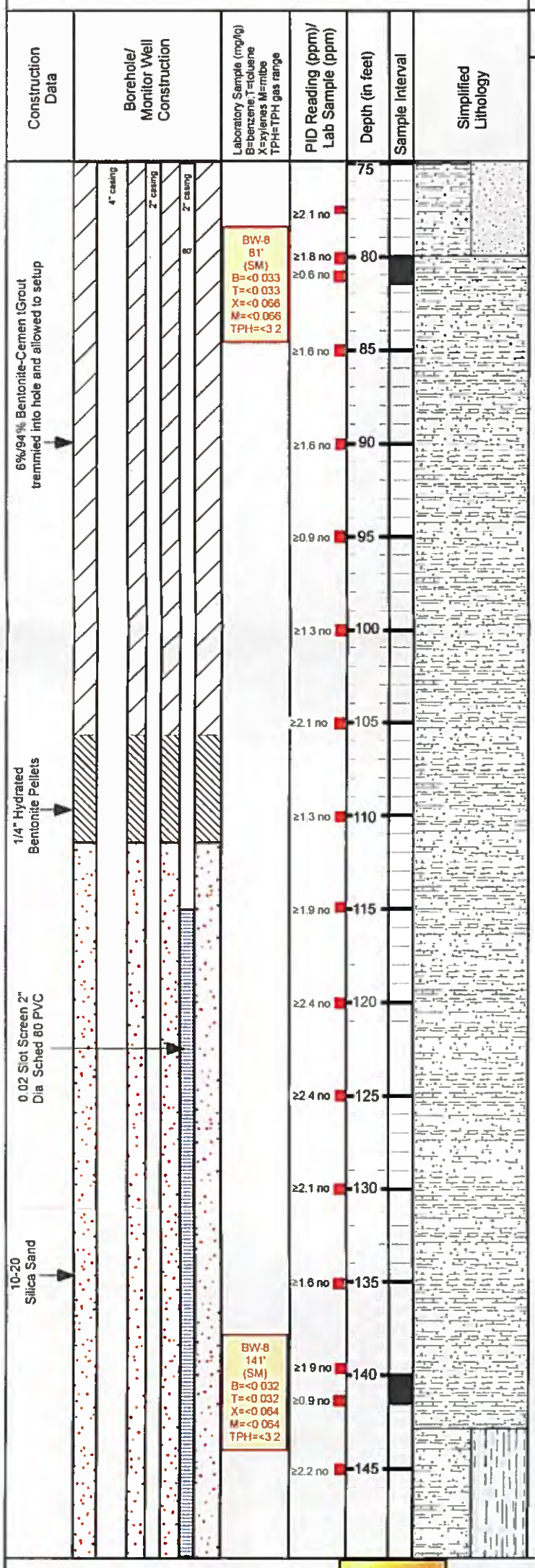
ALLSUPS #320

CLIENT: Allsups Petroleum, Inc.

Borehole ID: BW-8

DATE OF DRILLING:	11/10-14/15
LOGGED BY:	WJB
DRILLER:	John Chavez/Yellowjacket
BOREHOLE DIAMETER:	11 3/4"
DRILLING METHOD:	ARCH
SAMPLING METHOD:	Cuttings/Split Spoon
TOP OF CASING ELEV:	na
DEPTH TO WATER:	~327'
TOTAL DEPTH:	356'
SHALLOW WELL	2" Sched 80 PVC; Screen 115'-175'
INTERMEDIATE WELL	2" Sched 80 PVC; Screen 200'-260'
DEEP WELL	4" Sched 80 PVC; Screen 287'-347'
SURFACE COMPLETION:	18"X18" Manway w/Concrete Pad





USCS - LITHOLOGIC DESCRIPTION

74.0'-80.0' Cuttings (SM/SP) Fine to medium sand with trace silt - well sorted, slightly moist, unconsolidated no apparent hydrocarbon odor.

<**10:32 @ 80'** Let hole sit until 11:40 and collected split spoon drive sample for PID and lab analysis.>

80.0'-81.5' Split Spoon 1.5' sample. 0.0'-1.5' (SM) Silty very fine to fine sand, unconsolidated, slightly moist, no apparent hydrocarbon odor.

<Blowdown on hole at 11:45 = 1.2 ppm/v, no apparent hydrocarbon odor.>

81.5'-143' Cuttings (SM) Silty-very fine sand. Light reddish-brown (7.5YR) unconsolidated, slightly moist, well sorted, no apparent hydrocarbon odor.

<13:39 Let hole equilibrate at 140' - collected split spoon at 15:10.>

140.0'-141.5' Split Spoon 1.5' sample. (SM) (7.5YR) Very fine to fine sand with minor silt, unconsolidated to weakly disseminated calcium carbonate cemented, slightly moist, no apparent hydrocarbon odor.

143'-152' Cuttings (SM/ML) Silt content higher than surrounding with very fine sand, unconsolidated, no apparent hydrocarbon odor, slightly moist.

<15:30-16:45 Rig shutdown @ 150' for 75 minutes. Blowdown - 2.9 ppm/v).

BROWN ENVIRONMENTAL, INC

P.O. BOX 886 PLACITAS, NM 87043

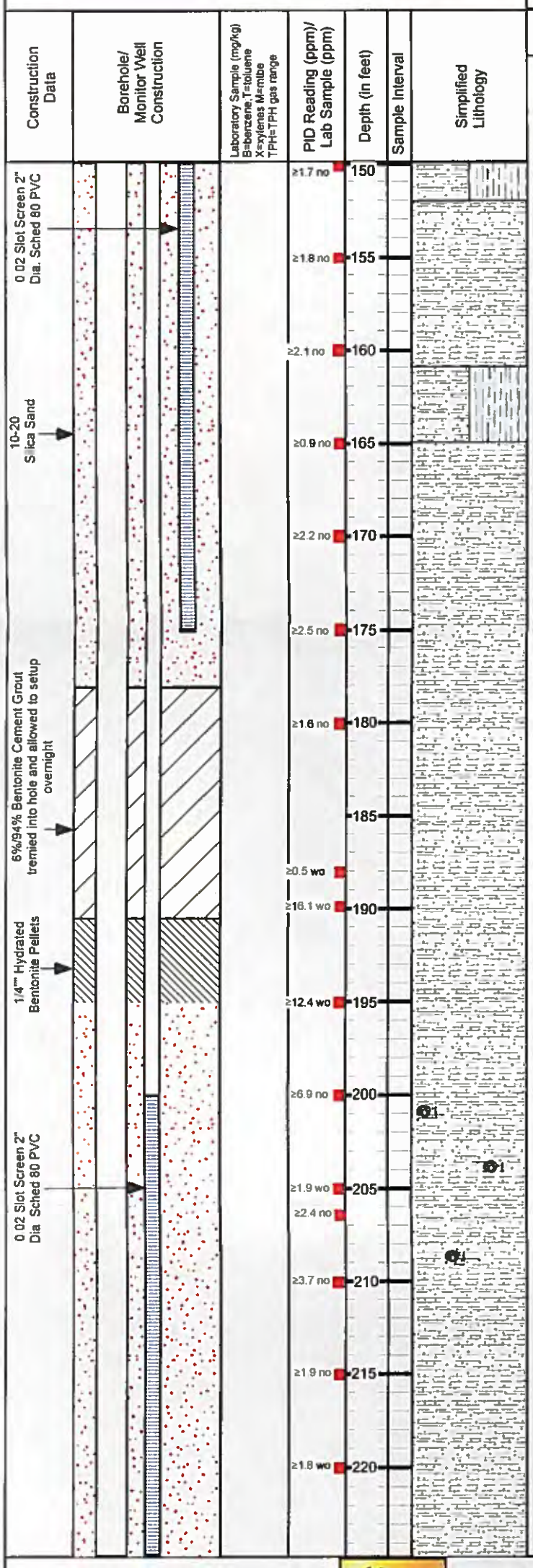
ALLSUPS #320

CLIENT: Allsups Petroleum, Inc.

Borehole ID: BW-8

DATE OF DRILLING:	11/10-14/15
LOGGED BY:	WJB
DRILLER:	John Chavez/Yellowjacket
BOREHOLE DIAMETER:	11 3/4"
DRILLING METHOD:	ARCH - Stratex / Air Rotary
SAMPLING METHOD:	Cuttings/Split Spoon
TOP OF CASING ELEV:	na
DEPTH TO WATER:	~327'
TOTAL DEPTH:	356'
SHALLOW WELL	2" Sched 80 PVC; Screen 115'-175'
INTERMEDIATE WELL	2" Sched 80 PVC; Screen 200'-260'
DEEP WELL	4" Sched 80 PVC; Screen 287'-347'
SURFACE COMPLETION:	18"X18" Manway w/Concrete Pad





USCS - LITHOLOGIC DESCRIPTION

152'-161' Cuttings (SM) Silty very fine to fine sand, (7.5YR) brown, slightly moist, unconsolidated, no apparent hydrocarbon odor.

161'-165' Cuttings (SM/ML) As above, silt - very fine sand (7.5YR).

165'-238' Cuttings (SM) (7.5YR) Silty very fine to fine sand, unconsolidated, slightly moist, no apparent hydrocarbon odor.

<188' Rig breakdown, hole sat overnight, blowdown at 10:50 = 0.5 ppm/v, no apparent hydrocarbon odor.>

~200 to 210', minor calcium carbonate cemented, small sandstone nodules.

210'-240' Occasional weathered turpene-like hydrocarbon odor in off gas from hole/cyclone 2-10 ppm/v.

BROWN ENVIRONMENTAL, INC

P.O. BOX 886 PLACITAS, NM 87043

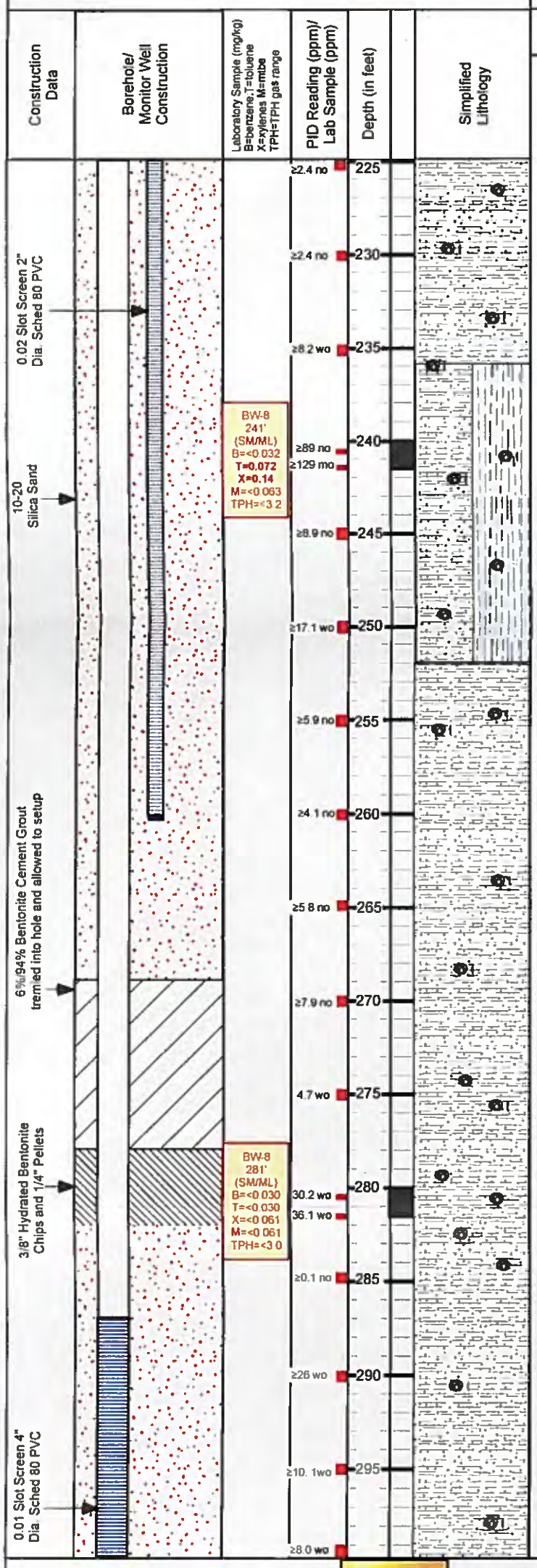
ALLSUPS #320

CLIENT: Allsups Petroleum, Inc.

Borehole ID: BW-8

DATE OF DRILLING:	11/10-14/15
LOGGED BY:	WJB
DRILLER:	John Chavez/Yellowjacket
BOREHOLE DIAMETER:	11 3/4"
DRILLING METHOD:	ARCH
SAMPLING METHOD:	Cuttings/Split Spoon
TOP OF CASING ELEV:	na
DEPTH TO WATER:	~327'
TOTAL DEPTH:	356'
SHALLOW WELL	2" Sched 80 PVC; Screen 115'-175'
INTERMEDIATE WELL	2" Sched 80 PVC; Screen 200'-260'
DEEP WELL	4" Sched 80 PVC; Screen 287'-347'
SURFACE COMPLETION:	18"X18" Manway w/Concrete Pad





USCS - LITHOLOGIC DESCRIPTION

236'-252' (SM/ML) (7.5YR) silt-very fine sand, well sorted, slightly moist with minor calcium carbonate cemented sandstone (SAS) nodules.

<12:30 Hole at 240', stop for lunch and to let hole equilibrate. 14:00 Collected split spoon at 240'-241.5', weathered hydrocarbon odor.>

240.0'-241.5' Split Spoon 1.4' sample. (SM/ML) (7.5YR) Light brown silt to very fine sand, well sorted, slightly moist with ~2-3% calcium carbonate cemented (SAS) nodules, degraded hydrocarbon odor.

<245' Rig down for 25 minutes, blowdown = 68 ppm/v, moderate weathered hydrocarbon odor.>

252'-309' Cuttings (SM) Silty very fine to fine sand (5YR to 7.5 YR) Reddish-light brown, occasional (SAS) concretions, slightly moist.

<270' measured vapor levels in adjacent deep wells BW-4d and BW-5d= 0.01 and 0.07 ppm/v, respectively Wells under negative pressure.>

280.0' -281.5' Split Spoon 1.4' sample. (SM) (7.5YR) Light brown, silty very fine to fine sand with several prominent concretions, slightly moist, weak hydrocarbon odor, localized (SM/ML) finer grained silt-very fine sand intervals.

(5YR) Light reddish brown below ~300' depth.

BROWN ENVIRONMENTAL, INC

P.O. BOX 886 PLACITAS, NM 87043

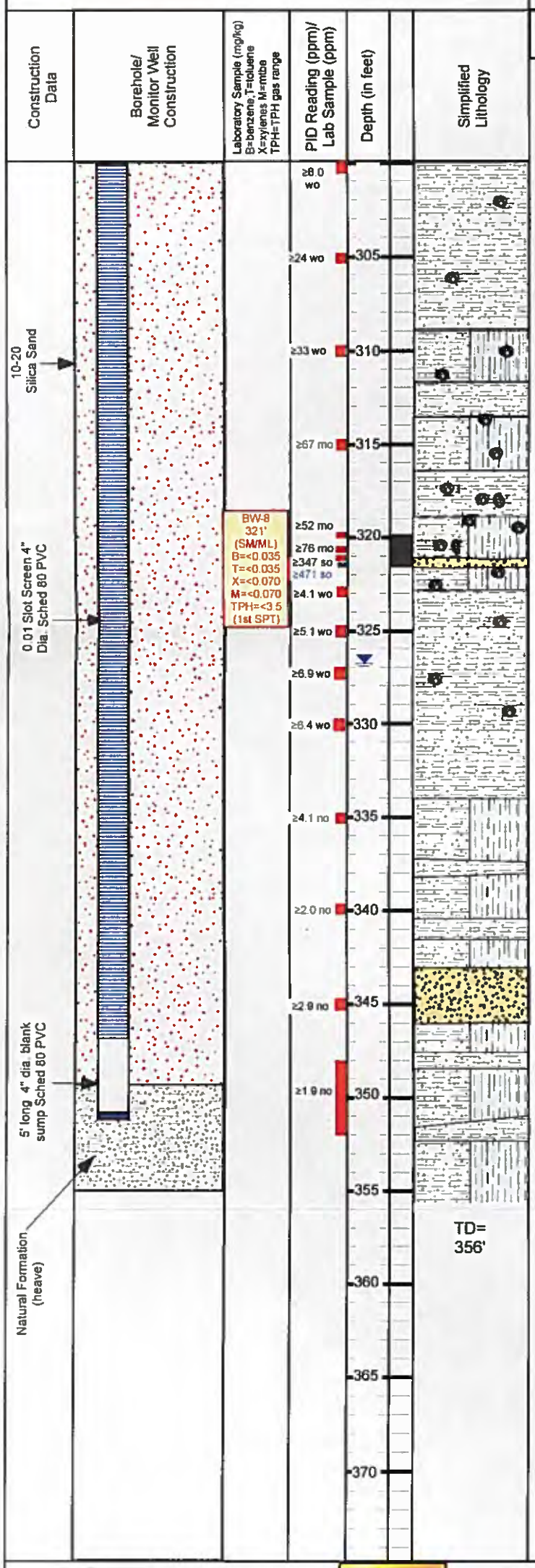
ALLSUPS #320

CLIENT: Allsups Petroleum, Inc.

Borehole ID: BW-8

DATE OF DRILLING:	11/10-14/15
LOGGED BY:	WJB
DRILLER:	John Chavez/Yellowjacket
BOREHOLE DIAMETER:	11 3/4"
DRILLING METHOD:	ARCH - Stratex / Air Rotary
SAMPLING METHOD:	Cuttings/Split Spoon
TOP OF CASING ELEV:	na
DEPTH TO WATER:	~327'
TOTAL DEPTH:	356'
SHALLOW WELL	2" Sched 80 PVC; Screen 115'-175'
INTERMEDIATE WELL	2" Sched 80 PVC; Screen 200'-260'
DEEP WELL	4" Sched 80 PVC; Screen 287'-347'
SURFACE COMPLETION:	18"X18" Manway w/Concrete Pad





USCS - LITHOLOGIC DESCRIPTION

309'-323' Cuttings (SM) silty fine sand with (SM/ML)silt-very fine sand intebeds, gradational contacts, (5YR) reddish brown, slightly moist, degraded hydrocarbon odor, concretions common-especially in lower 5', possible thin laminar calcium carbonate cemented (SAS) sandstone zones.

320.0'-321.5' Split Spoon 1st sample collected 11/12/15 at 19:02 1.5' sample. 0.0'-1.5' (ML/SM) Silt-very fine sand (7.5YR) light reddish brown, unconsolidated, slightly moist with moderate highly weathered hydrocarbon odor (more volatile compounds partially stripped out from drilling procedure). Several 1-2" calcium carbonate cemented (SAS) nodules.

Stopped drilling at 320' 11/12/15 at 19:02, let hole sit overnight-collected 2nd split spoon from same depth and continued drilling to total depth.

320.0'-321.5' Split Spoon 2nd sample collected 11/13/15 at 8:35 - refusal 2 times - calcium carbonate zone, dense, hard, not enough sample for lab - PID =471 ppm/v, moderate to strong hydrocarbon odor, ~1" (SM/ML) in spoon. Note: borehole under vacuum - atmospheric air going into borehole.

323'-334' Cuttings (SM) (5YR) Reddish-brown silty very fine to fine sand with some concretions but less than above, moist below ~325', degraded hydrocarbon odor, present.

334'-343' Cuttings (SM/ML) Very fine to fine sand-silt, moist, 5YR) red-brown, weathered hydrocarbon odor at top with localized (SM) silty very fine to fine sand intervals (borehole not making much water - having to add water to retrieve cuttings).

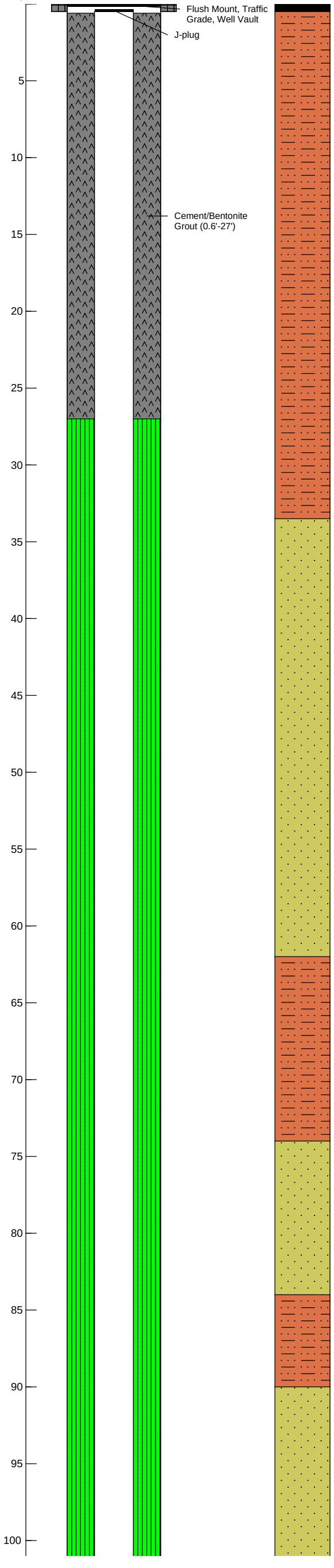
343'-346' Cuttings Very hard zone, very fine to fine grained sandstone (SAS) light tan-brown (7.5YR) calcium carbonate cemented.

346'-356' Cuttings Poor cuttings return - soupy, (ML/SM) silt-very fine sand, (7.5) light brown, no apparent hydrocarbon odor, water saturated; likely interbedded (SM), coarse grained zones as above.

BROWN ENVIRONMENTAL, INC

P.O. BOX 886 PLACITAS, NM 87043

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
		100	0-15	NA	0-0.5	Asphalt
	0.0			SC	0.5-33.5	Clayey sand - dark brown (7.5YR 3/3), fine grained, well sorted, subrounded to subangular, moderate to high plasticity, soft, slightly moist, odorless.
				SC		Clayey sand - as above.
				SC		Clayey sand - strong brown (7.5YR 5/6), fine grained, well sorted, subrounded to subangular, moderate plasticity, stiff, dry, mottled with Caliche - pink (7.5YR 8/3), fine to medium grained, moderately well sorted, rounded to subrounded, hard, moderately
	0.0			SC		Clayey sand - same as above.
		100	15-25	SC		Clayey sand - same as above.
	0.3			SC		Clayey sand - increased caliche, otherwise as above.
		100	25-35	SC		Caliche - pink (5YR 7/4), fine grained, well sorted, subangular, low plasticity, loose to somewhat consolidated, dry, odorless.
	0.0			SC		Caliche - as above.
				SP	33.5-62	Sand - yellowish red (5YR 5/8), fine grained, well sorted, rounded to subrounded, non-plastic, loose, dry, odorless.
		100	35-45	SP		Sand - caliche stringers - otherwise as above.
	0.0			SP		Sand - as above.
				SP		Sand - yellowish red (5YR 5/6), fine grained, well sorted, subrounded, non-plastic, loose, dry, calcium carbonate , odorless.
		100	45-55	SP		Sand - as above.
	0.0			SP		Sand - pink (7.5YR 7/4), fine grained, well sorted, subangular, non-plastic, loose, dry, increased calcium carbonate, odorless.
				SP		Sand - reddish yellow (5YR 6/6), fine grained, well sorted, subrounded, non-plastic, loose, dry, calcium carbonate.
		100	55-65	SP		Sand - as above.
	0.0			SP		Sand - as above.
				SC	62-74	Caliche - Sandstone - pinkish gray (7.5YR 7/2), fine grained, well sorted, subangular, calcium carbonate cemented, dry, odorless. (Very hard drilling).
		100	65-75	SC		Caliche - as above.
	0.0			SC		Caliche - as above (less difficult drilling).
				SP	74-84	Sand - pink (7.5YR 7/4), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless.
		10	75-85			No recovery.
	0.0					No recovery.
				SC	84-90	Caliche - sandstone - pinkish gray (7.5YR 7/2), fine grained, well sorted, subangular, calcium carbonate cement, dry, odorless. (very hard drilling - core pulverized).
		50	85-95			No recovery.
	1.7			SP	90-173	Sand - light brown (7.5YR 6/4), fine grained, well sorted, subangular to angular, non-plastic, loose, dry, odorless, minor calcium carbonate.
		100	95-105	SP		Sand - no calcium carbonate, otherwise as above.
	0.1			SP		Sand - as above.

Geologist: P. Feltman and J. Fisher
Driller: Yellow Jacket Drilling
Drilling start date: 5/29/19
Well completion date: 6/8/19

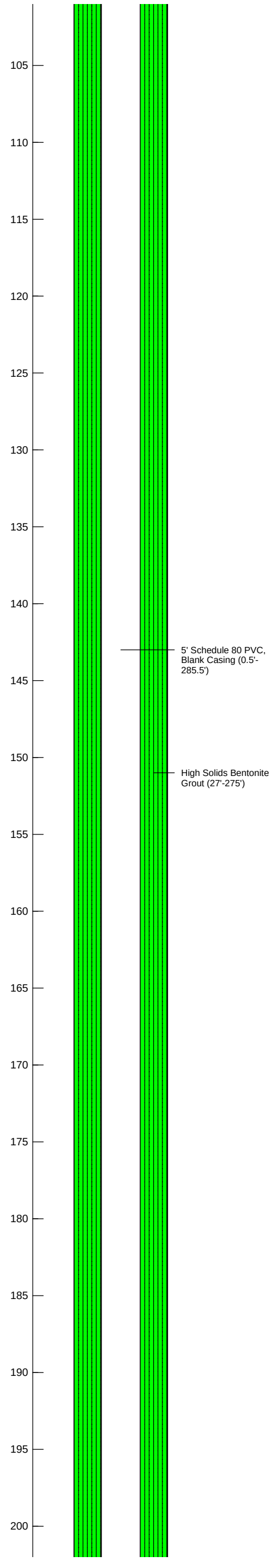
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244812.45 Elevation: 4274.64
Easting: 884412.98

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-11

Daniel B. Stephens & Associates, Inc.
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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	105		100	105-115	SP		Sand with clay - pink (7.5YR 7/4), fine grained, well sorted, subangular to angular, low plasticity, loose, dry, odorless. (water added for drilling).
	110	6.0			SP		Sand - as above.
	115		100	115-125	SP		Sand - light brown (7.5YR 6/3), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry.
	120	0.8			SP		Sand - as above.
	125		100	125-135	SP		Sand - as above.
	130	0.4			SP		Sand - as above.
	135		100	135-145	SP		Sand - as above.
	140	1.0			SP		Sand - calcium carbonate, otherwise as above. (Driller reports hard drilling)
	145		100	145-155	SP		Sand - light brown (7.5YR 6/3), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry.
	150	0.4			SP		Sand - as above.
	155		100	155-165	SP		Sand - as above.
	160	3.3			SP		Sand - as above.
	165		100	165-175	SP		Sand with clay - brown (7.5YR 5/4), fine grained, well sorted, subangular to angular, low to moderate plasticity, loose, dry, odorless.
	170	0.1			SP		Sand - as above.
					SM	173-188.5	Silty sand - pink (7.5YR 7/4), fine grained, well sorted, subrounded, non-plastic, loose, slightly moist, odorless.
	175		100	175-185	SM		Silty sand - subrounded to angular, otherwise as above.
	180	0.5			SM		Silty sand - as above.
	185		100	185-195	SM		Silty sand - as above.
					SM		Silty sand - very dark grayish brown (10YR 3/2), fine grained, well sorted, subrounded to subangular, low plasticity, possibly cemented (pulverized), slightly moist, odorless, no calcium carbonate.
					SP	188.5-360	Sand - light brown (7.5YR 6/4), fine grained, well sorted, subangular, non--plastic, loose, slightly moist, odorless.
	190	0.0			SP		Sand - as above.
	195		100	195-205	SP		Sand - as above.
	200	0.3			SP		Sand - as above.

Geologist: P. Feltman and J. Fisher
Driller: Yellow Jacket Drilling
Drilling start date: 5/29/19
Well completion date: 6/8/19

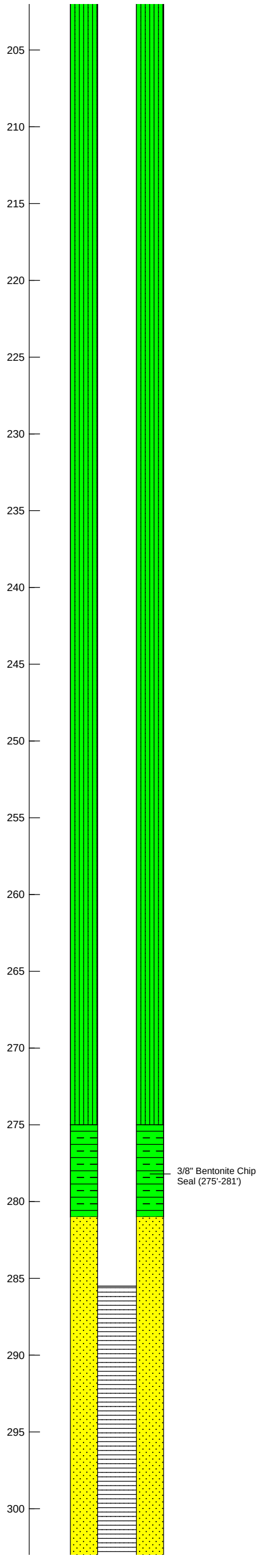
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244812.45 Elevation: 4274.64
Easting: 884412.98

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-11

Daniel B. Stephens & Associates, Inc.
8/25/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
205		100	205-215	SP		Sand - as above.
210	0.5			SP		Sand - as above.
215		100	215-225	SP		Sand - as above.
220	0.7			SP		Sand - as above.
				SP		Sand with clay - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, low plasticity, loose, lightly moist, odorless.
				SP		Sand - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, non-plastic, loose, slightly moist, odorless.
225		100	225-235	SP		Sand - as above.
230	1.2			SP		Sand - with CaCO3 concretions, otherwise as above.
235		100	235-245	SP		Sand - with CaCO3 concretions as above.
240	1.3			SP		Sand - with CaCO3 concretions as above.
				SP		Sand - with CaCO3 concretions - pinkish gray (5YR 7/2), fine grained, well sorted, rounded, dry, odorless.
245		100	245-255	SP		Sand with CaCO3 concretions - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, non-plastic, slightly moist, odorless.
				SP		Sand with clay - pinkish white (5YR 8/2), fine grained, well sorted, rounded, low plasticity, CaCO3 (caliche), dry, odorless.
				SP		Sand with CaCO3 concretions - light brown (7.5YR 6/4), fine grained, well sorted, subroundd to subangular, non-plastic, slightly moist, odorless.
250	0.1			SP		Sand with CaCO3 concretions - as above.
255		100	255-265	SP		Sand with CaCO3 concretions - as above.
260	0.0			SP		Sand - light brown (7.5YR 6/4), fine rained, well sorted, subrounded to subangular, non-plastic, loose, slghtly moist, odorless.
				SP		Sand with CaCO3 concretions - otherwise as above.
265		100	265-275	SP		Sand with CaCO3 concretions - as above.
270	0.3			SP		Sand with CaCO3 concretions - as above.
275		100	275-285	SP		Sand with CaCO3 concretions - as above.
280	1.7			SP		Sand with CaCO3 concretions - as above.
285		100	285-295	SP		Sand with CaCO3 concretions - as above.
290	0.0			SP		Sand with CaCO3 concretions - as above.
295		100	295-305	SP		Sand with CaCO3 concretions - as above.
300	0.0			SP		Sand with CaCO3 concretions - as above.

Geologist: P. Feltman and J. Fisher
Driller: Yellow Jacket Drilling
Drilling start date: 5/29/19
Well completion date: 6/8/19

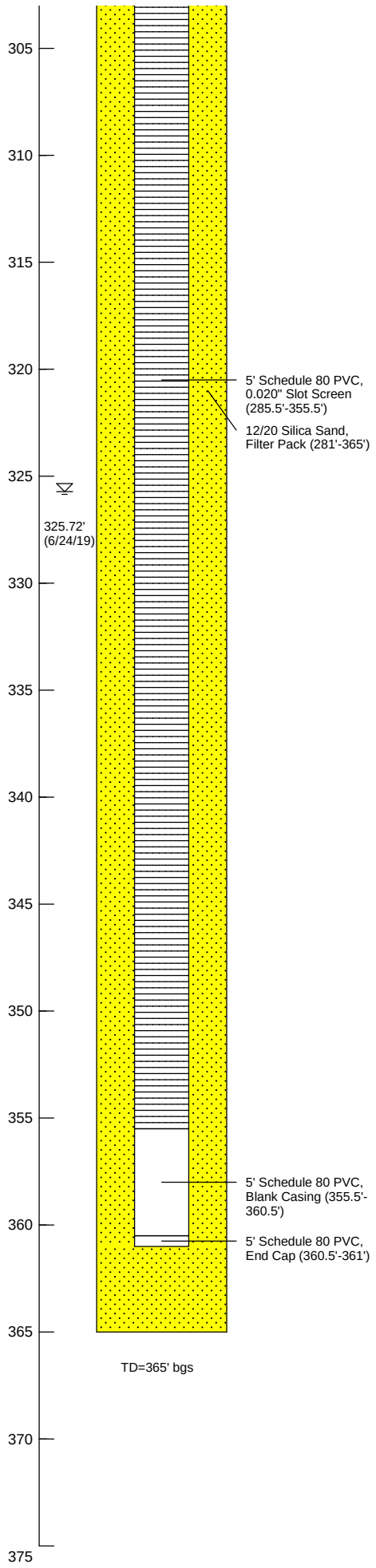
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244812.45 Elevation: 4274.64
Easting: 884412.98

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CLOVIS, NEW MEXICO
MW-11

Daniel B. Stephens & Associates, Inc.
8/25/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
		100	305-315	SP		Sand with CaCO3 concretions - as above.
	0.3			SP		Sand with CaCO3 concretions - as above.
		100	315-325	SP		Sand with CaCO3 concretions - as above, damp to moist, no HC odor.
	3.5			SP		Sand with CaCO3 concretions - as above, moist, no HC odor.
		100	325-335	SP		Sand with CaCO3 concretions - as above, moist, no HC odor.
	257.6			SP		Sand with CaCO3 concretions - as above, wet, no HC odor.
		100	335-345	SP		Sand with CaCO3 concretions - as above, wet, no HC odor.
	5.6			SP		Sand with CaCO3 concretions - as above, wet, no HC odor.
		100	345-355	SP		Sand with CaCO3 concretions - as above, wet, no HC odor.
	3.3			SP		Sand with CaCO3 concretions - as above, wet, no HC odor.
		100	355-365	SP		Sand with CaCO3 concretions - as above, wet, no HC odor.
				SW-SC	360-365	Gravelly sand with clay and cobbles - light brown (7.5YR 6/4), fine to medium grained, moderately well sorted, loose, granitic gravels and cobbles up to 2.5", wet, no HC odor.

Geologist: P. Feltman and J. Fisher
Driller: Yellow Jacket Drilling
Drilling start date: 5/29/19
Well completion date: 6/8/19

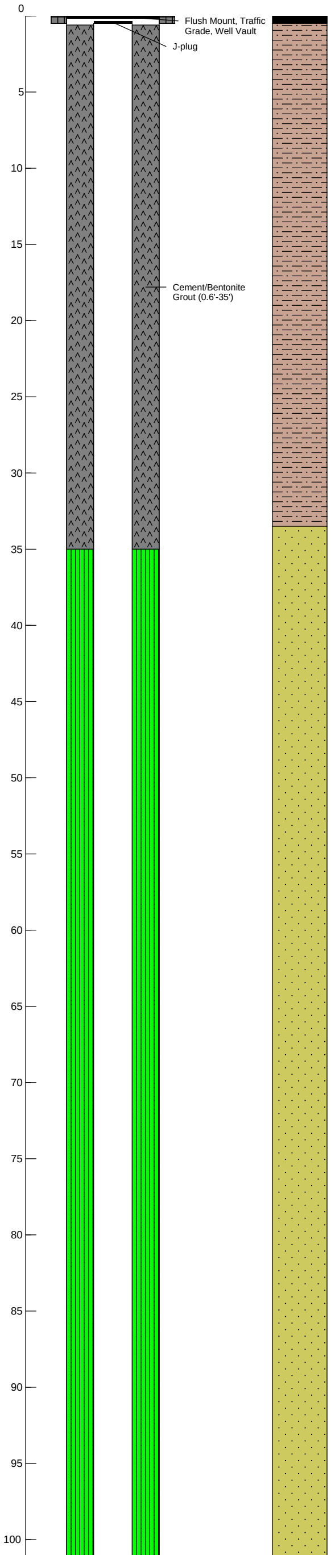
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244812.45 Elevation: 4274.64
Easting: 884412.98

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
		100	0-15	NA	0-0.5	Asphalt.
	0.0			CL	0.5-33.5	Sandy clay - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded, moderate to high plasticity, stiff, dry, odorless, calcium carbonate reaction.
				CL		Sandy clay - same as above.
	0.0	100	15-25	CL		Sandy clay - same as above.
	0.0			CL		Sandy clay - same as above.
		100	25-35	CL		Sandy clay - same as above.
	0.2			CL		Sandy clay - same as above.
				CL		Sandy clay (caliche) - pinkish white (7.5YR 8/2), fine grained, well sorted, subrounded to subangular, moderate plasticity, stiff, sry, odorless.
				SP	33.5-167	Sand - strong brown (7.5YR 5/6), fine grained,well sorted, subrounded to subangular, non-plastic, loose, dry, odorless, partially cemented with calcium carbonate.
		100	35-45	SP		Sand - as above.
	0.0			SP		Sand - as above.
		100	45-55	SP		Sand - as above.
	0.7			SP		Sand - light reddish brown (5YR 6/4), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, odorless, calcium carbonate cement and concretions.
		100	55-65	SP		Sand - as above.
	0.1			SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded to subangular,non-plastic, loose, dry, odorless, calcium carbonate concretions.
		100	65-75	SP		Sand - as above.
	0.3			SP		Sand - as above.
		100	75-85	SP		Sand - as above.
	4.9			SP		Sand - as above.
				SP		Sand - light gray (10YR 7/2), fine grained, well sorted, subrounded to subangular, non-plastic, possibly cemented (hard drilling), pulverized, dry, odorless.
		100	85-95	SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded to subangular,non-plastic, loose, dry, odorless, calcium carbonate concretions.
	2.4			SP		Sand - as above.
		100	95-105	SP		Sand - as above.
	2.8			SP		Sand - as above.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 7/9/19 Well completion date: 7/20/19

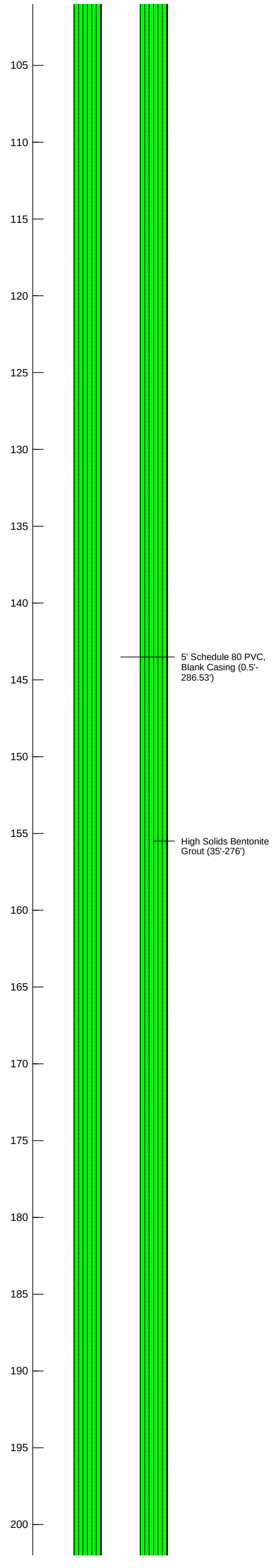
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245128.28 Elevation: 4277.60
Easting: 884520.19

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-12

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	105		100	105-115	SP		Sand - as above.
	110	2.0			SP		Sand - as above interbedded with caliche - pinkish white (7.5YR 8/2), fine grained, well sorted, subrounded to subangular, calcium carbonate cement, dry, odorless.
	115		100	115-125	SP		Sand - as above.
	120	2.8			SP		Sand - as above.
	125		100	125-135	SP		Sand - as above.
	130	1.6			SP		Sand - as above.
	135		100	135-145	SP		Sand - as above.
	140	2.8			SP		Sand - as above.
	145		100	145-155	SP		Sand - as above.
	150	0.4			SP		Sand - as above.
	155		100	155-165	SP		Sand - as above.
	160	6.6			SP		Sand - as above.
	165		100	165-175	SP		Sand - as above.
					SP-SC	167-175	Sand with clay - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, low plasticity, loose, dry, odorless.
	170	1.8			SP-SC		Sand with clay - as above.
	175		100	175-185	SP	175-355	Sand - yellowish red (7.5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, calcium carbonate concentrations, dry, odorless.
	180	1.6			SP		Sand - as above.
	185		100	185-195	SP		Sand - as above.
	190	2.6			SP		Sand - as above.
	195		100	195-205	SP		Sand - as above.
	200	3.5			SP		Sand - as above.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 7/9/19 Well completion date: 7/20/19

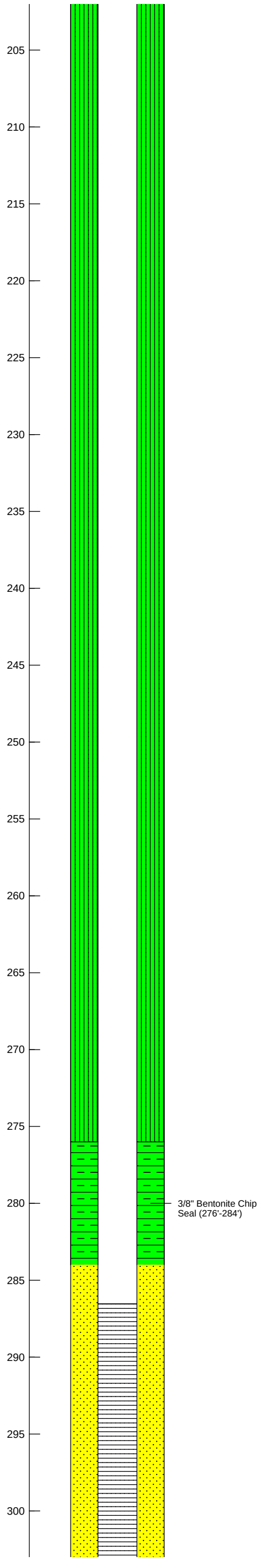
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245128.28 Elevation: 4277.60
Easting: 884520.19

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-12

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	205		100	205-215	SP		Sand - as above.
	210	1.3			SP		Sand - as above.
	215		100	215-225	SP		Sand - no calcium carbonate concretions, otherwise as above.
	220	1.1			SP		Sand - as above.
	225		100	225-235	SP		Sand - as above.
	230	0.4			SP		Sand - as above.
	235		100	235-245	SP		Sand - as above.
	240	0.3			SP		Sand - as above.
	245		100	245-255	SP		Sand - as above.
	250	2.1			SP		Sand - as above.
	255		100	255-265	SP		Sand - as above.
	260	6.6			SP		Sand - as above.
	265		100	265-275	SP		Sand - as above.
	270	1.0			SP		Sand - as above.
	275		100	275-285	SP		Sand - as above.
	280	0.4			SP		Sand - as above.
	285		100	285-295	SP		Sand - solvent odor - otherwise as above.
	290	0.2			SP		Sand - as above, solvent odor.
	295		100	295-305	SP		Sand - as above.
	300	2.4			SP		Sand - as above.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 7/9/19 Well completion date: 7/20/19

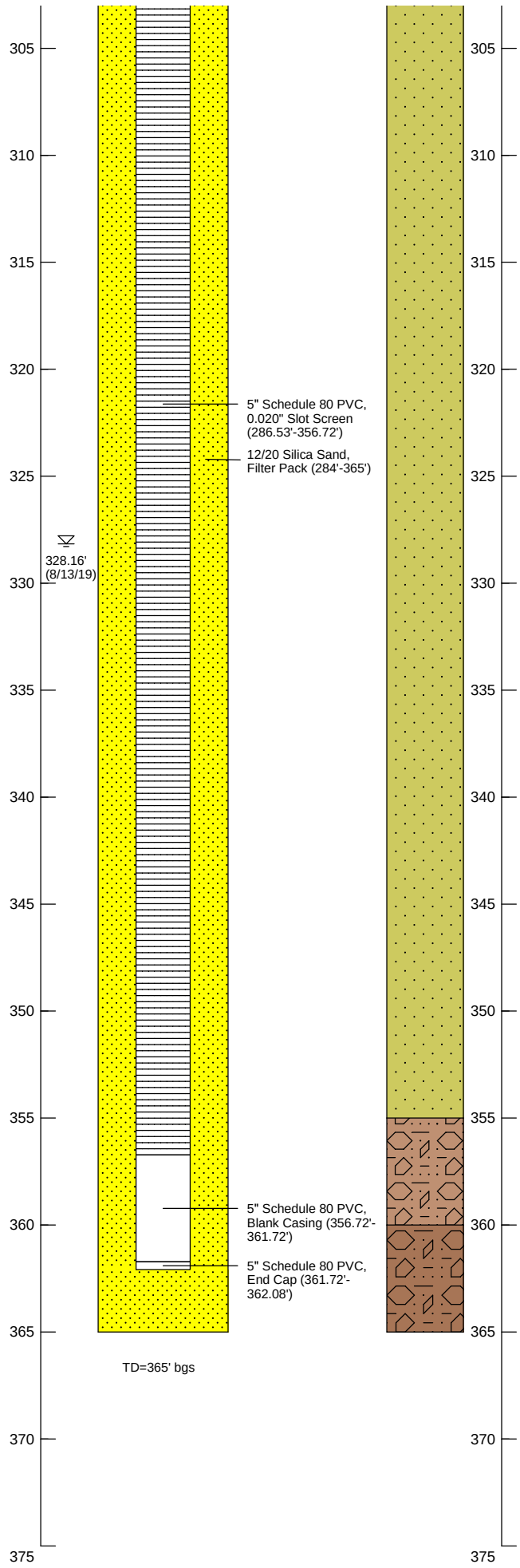
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245128.28 Elevation: 4277.60
Easting: 884520.19

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-12

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
		100	305-315	SP		Sand - as above.
	20.6			SP		Sand - as above.
		100	315-325	SP		Sand - as above.
	12.6			SP		Sand - as above with slight HC odor.
	3.5	100	325-335	SP		Sand - as above.
				SP		Sand - as above but moist and yellowish red (5YR 5/6).
	NA	100	335-345	SP		Sand - as above but wet.
				SP		Sand - as above.
		100	345-355	SP		Sand - as above.
				SP		Sand - as above with trace low plasticity clay.
		100	355-365	SW	355-360	Gravelly sand - reddish brown (5YR 5/4), fine grained, fine gravels, well graded, subrounded, low plasticity (trace clay), medium dense, wet, odorless. Increasing gravel and clay content down section.
				SW-SC	360-365	Wackestone - (calcium carbonate cemented gravels and sand), very pale brown (10YR 7/3), fine grained sand, fine gravels to cobbles, well graded, subrounded, dry, odorless.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 7/9/19 Well completion date: 7/20/19

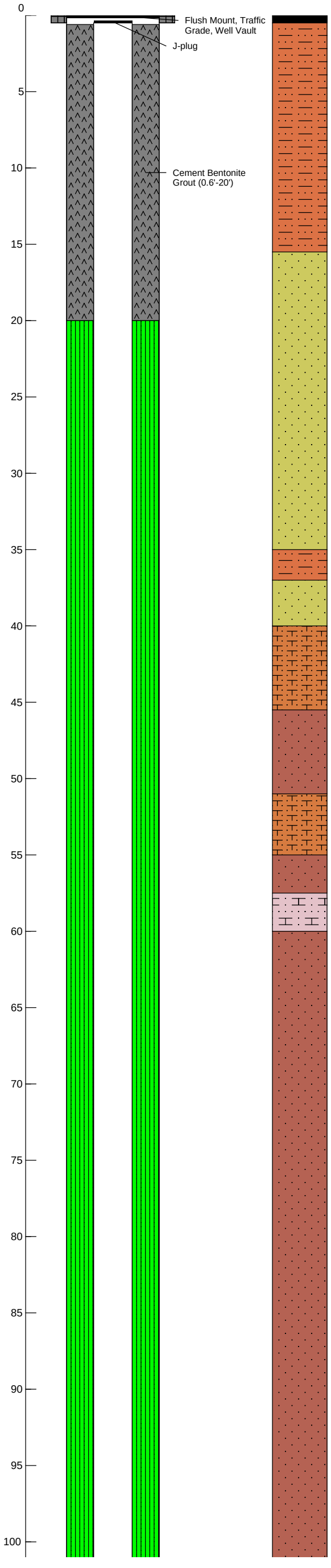
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245128.28 Elevation: 4277.60
Easting: 884520.19

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-12

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9/5/2019 JN DB18.1157.00

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PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	100	0-15	NA	0-0.5	Asphalt.
				0.5-15.5	
11.2			SC		Clayey sand - yellowish red (5YR 5/6), fine grained, well sorted, subrounded, low plasticity, loose to medium dense, slightly moist, no odor, calcium carbonate rich.
			SC		Clayey sand - light brown (7.5YR 6/4), less clay content, dry, otherwise as above.
13.1	100	15-25	SC		Clayey sand - as above.
			SP	15.5-35	Sand - yellowish red (5YR 5/8), fine grained, well sorted, subrounded, non-plastic, loose to partially cemented with cacium carbonate, dry, no odor.
			SP		Sand - pink (5YR 7/3), increased calcium carbonate, otherwise as above.
			SP		Sand - yellowish red (5YR 5/8), trace silt, otherwise as above.
19.2	100	25-30	SP		Sand - less calcium carbonate, loose, otherwise as above.
			SP		Sand - pink (5YR 7/3), calcium carbonate rich, partially cemented, otherwise as above.
	100	30-35	SP		Sand - as above.
18.1	100	35-45	SC	35-37	Clayey sand - yellowish red (5YR 5/6), fine grained, well sorted, subrounded, low plasticity, loose, dry, no odor.
			SP	37-40	Sand - yellowish red (5YR 5/6), very fine to fine grained, well sorted, subrounded, non-plastic, loose to partially cemented, calcium carbonate rich, dry, no odor.
			SM	40-45.5	Silty sand - little calcium carbonate and silty, loose, otherwise as above.
11.1	100	45-55	SM		Silty sand - as above.
			SP	45.5-51	Sand - yellowish red (5YR 5/6), fine, well sorted, subrounded, non-plastic, loose, dry, no odor.
			SM	51-55	Silty sand - light brown (7.5YR 6/4), very fine, well sorted, subrounded, non-plastic, loose, dry, no odor, claicum carbonate rich.
			SM		Silty sand - little calcium carbonate, otherwise as above.
20.7	100	55-60	SP	55-57.5	Sand - light brown (75.YR 6/4), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, no odor, calcium carbonate nodules..
			NA	57.5-60	Caliche.
	100	60-65	SP	60-345	Sand - pinkish gray (5YR 7/2), fine grained, well sorted, subrounded to subangular, non-plastic, loose to partially cemented, calcium carbonate rich, dry, no odor.
30.5	100	65-75	SP		Sand - as above.
			SP		Sand - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, non-plastic, loose to partially cemented, calcium carbaonate rich, dry, no odor.
			SP		Sand - reddish yellow (7.5 YR 6/6), trace silt, little calcium carbonate, otherwise as above.
20.1	100	75-85	SP		Sand - as above.
12.1	100	85-95	SP		Sand - no calcium carbonate, no trace silt, otherwise as above.
0.4	100	95-105	SP		Sand - as above.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 8/4/19
Well completion date: 8/13/19

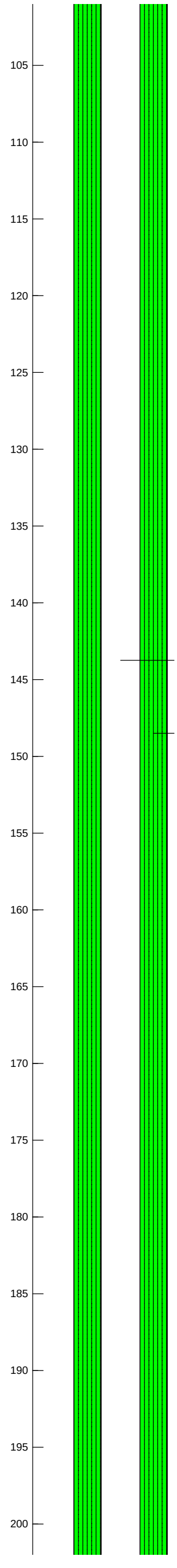
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244960.74 Elevation: 4275.82
Easting: 884269.96

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-13

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	19.6	100	105-115	SP		Sand - claiche stringers from 106'-108', otherwise as above.
	6.1	100	115-125	SP		Sand - as above.
	14.1	100	125-135	SP		Sand - as above.
	8.7	100	135-145	SP		Sand - as above.
	12.1	100	145-155	SP		Sand - as above.
	4.7	100	155-165	SP		Sand - as above.
	4.1	100	165-175	SP		Sand - as above.
	6.7	100	175-185	SP		Sand - as above.
	4.1	100	185-195	SP		Sand - calcium carbonate cemented at 186', calcium carbonate cemented gravels and cobbles up to 3" at 189', otherwise as above.
	3.3	100	195-205	SP		Sand - as above.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 8/4/19
Well completion date: 8/13/19

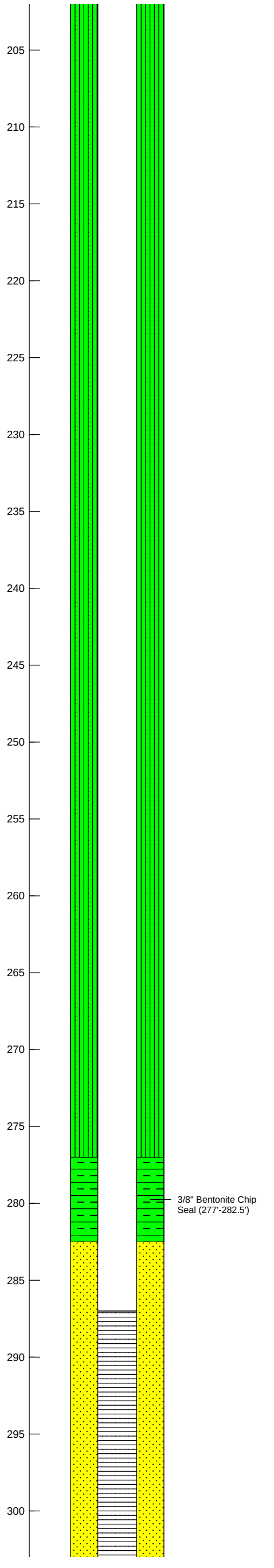
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244960.74 Elevation: 4275.82
Easting: 884269.96

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-13

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9/5/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	4.2	100	205-215	SP		Sand - as above.
	3.4	100	215-225	SP		Sand - as above.
	1.9	100	225-235	SP		Sand - cemented cobbles at 230'-235', otherwise as above.
	1.6	100	235-245	SP		Sand - as above.
	3.3	100	245-255	SP		Sand - with cemented cobbles and gravels at 245' and 250', otherwise as above.
	1.1	100	255-265	SP		Sand - as above.
	5	100	265-275	SP		Sand - cemented gravels and cobbles up to 3", otherwise as above.
	5.9	100	275-285	SP		Sand with cemented gravels and cobbles as above.
	1.1	100	285-295	SP		Sand - as above.
	1.5	100	295-305	SP		Sand - red (2.5YR 5/8), fine to medium grained, with calcarius cementations, some well cemented cobbles present, non-plastic, no odor, dry.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 8/4/19
Well completion date: 8/13/19

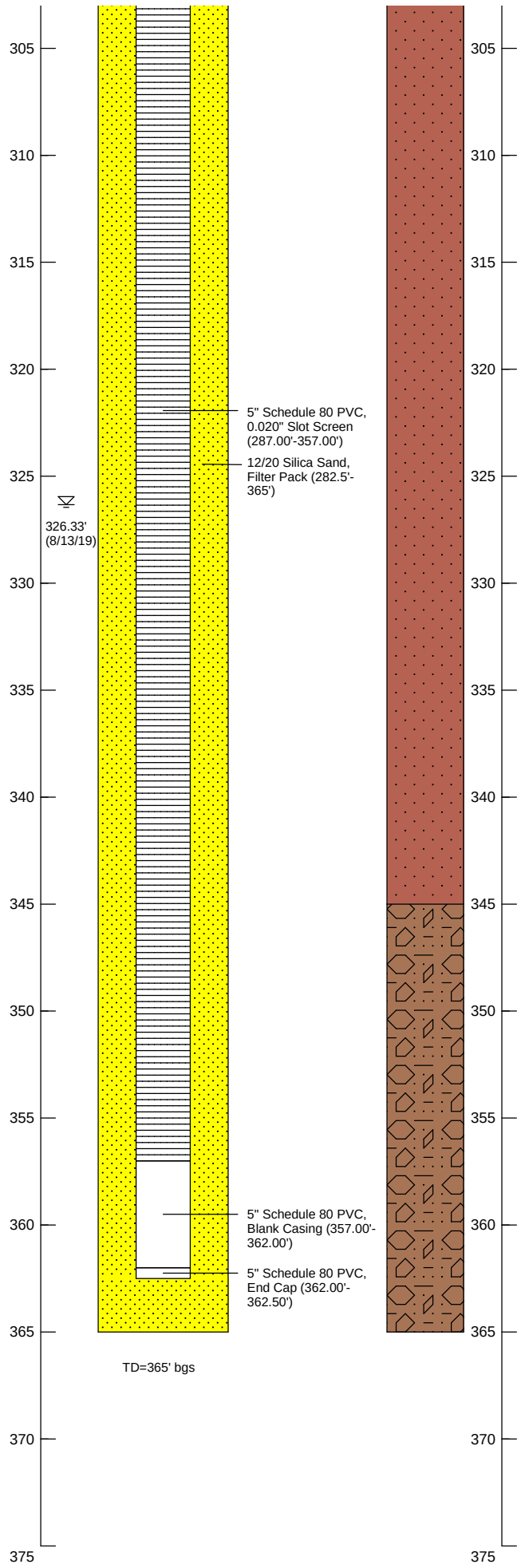
Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244960.74 Elevation: 4275.82
Easting: 884269.96

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-13

Daniel B. Stephens & Associates, Inc.
9/5/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	9.7	100	305-315	SP		Sand - moist, increasing indurated sandstone, fine to medium grained, quartz, subrounded to rounded.
	19.2	100	315-325	SP		Sand - reddish brown (2.5YR 4/4), fine to medium grained, quartz sand, rounded, trace silt, poorly compacted, weakly plastic, wet, no odor.
	3.5	100	325-335	SP		Sand - yellowish red (5YR 5/6), fine to medium grained, well sorted, rounded, wet, no odor.
	2	100	335-345	SP		Sand - as above.
	NA	100	345-355	SC	345-365	Clayey sand - reddish brown (5YR 5/4), fine grained, well sorted, rounded, minor clay, wet, moderately plastic, no odor.
	NA	100	355-365	SC		Clayey sand with gravel and cobbles - fine to coarse, subrounded, firm, slightly plastic, fine gravels to small cobbles, wet, no odor.

Geologist: P. Feltman and J. Fisher
Driller: Yellow Jacket Drilling
Drilling start date: 8/4/19
Well completion date: 8/13/19

Drilling method: Sonic
Borehole diameter: 9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244960.74 Elevation: 4275.82
Easting: 884269.96

FORMER Y STATION
CLOVIS, NEW MEXICO
MW-13

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9/5/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
		100	0-10	NA	0-0.5	Asphalt.
	0.0			SC	0.5-30	Clayey sand - reddish yellow (5YR7/6), fine grained, poorly sorted, subrounded to subangular, moderate plasticity, soft, moist, no odor
	0.0	100	10-20	SC		Clayey sand - as above
	0.0	100	20-30	SC		Clayey sand - as above
	0.0	100	30-40	SP	30-60	Sand - reddish yellow (5YR5/6), fine grained, well sorted, subrounded to subangular, well cemented, trace silt and clay, dry, no odor
	0.0	100	40-50	SP		Sand - as above
	0.0	100	50-60	SP		Sand - as above
	1.9	100	60-70	SW	60-70	Sand - light reddish brown (5YR6/4), fine to coarse grained, poorly sorted, subrounded to subangular, partially cemented, trace silt, dry, no odor
	1.3	100	70-80	SP	70-350	Sand - pink (5YR7/3), fine to medium grained, well sorted, subrounded to subangular, partially cemented, increased CaCO3, dry, no odor
	0.8	100	80-90	SP		Sand - as above, light reddish brown (5YR6/4)
	1.6	100	90-100	SP		Sand - pink (7.5YR7/4), fine grained, well sorted, subrounded to subangular, loose, little to no CaCO3, dry, no odor
	1.4	100	100-110	SP		Sand - as above
	2.1	100	110-120	SP		Sand - as above, some medium grained sand
	0.7	100	120-130	SP		Sand - light brown (7.5YR6/4), very fine, well sorted, subrounded, loose, trace silt, dry, no odor
	0.7	100	130-140	SP		Sand - as above, fine grained, decreased silt

Geologist: J. Fisher and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 5/29/2020
Well completion date: 5/29/2020

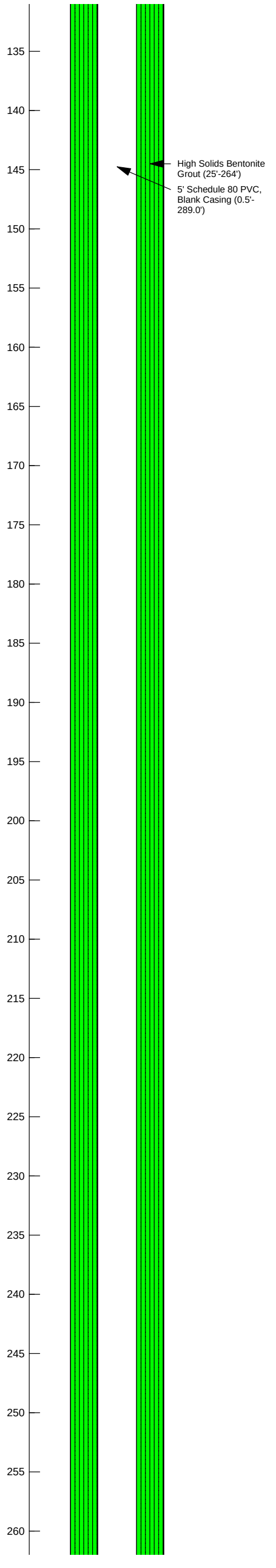
Drilling method: ARCH
Borehole diameter: 8.5"
Sampling method: Cuttings

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244755.74 Elevation: 4276.23
Easting: 884811.25

FORMER Y STATION
STATE LEAD SITE
CLOVIS, NEW MEXICO
MW-16

Daniel B. Stephens & Associates, Inc.
5/17/2021 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	1.4	100	140-150	SP		Sand - as above, increased silt
	1.8	100	150-160	SP		Sand - as above, decreased silt
	1.4	100	160-170	SP		Sand - as above
	2.7	100	170-180	SP		Sand - as above, increased silt
	2.4	100	180-190	SP		Sand - as above
	2.0	100	190-200	SP		Sand - as above
	2.9	100	200-210	SP		Sand - as above
	1.7	100	210-220	SP		Sand - as above
	2.3	100	220-230	SP		Sand - as above
	1.1	100	230-240	SP		Sand - as above
	0.9	100	240-250	SP		Sand - as above
	1.3	100	250-260	SP		Sand - as above
	0.0	100	260-270	SP		Sand - as above, pink (7.5YR7/4), increased silt, trace CaCO3

Geologist: J. Fisher and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 5/29/2020
Well completion date: 5/29/2020

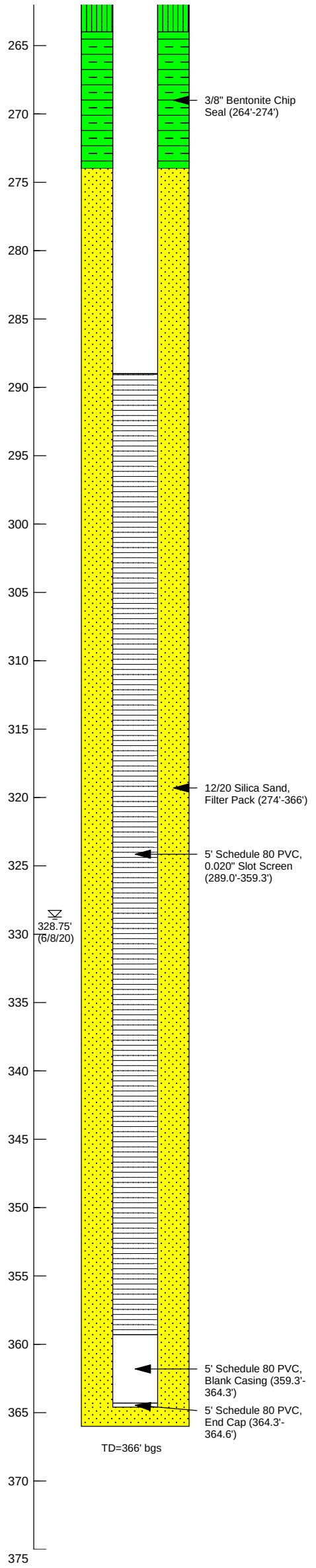
Drilling method: ARCH
Borehole diameter: 8.5"
Sampling method: Cuttings

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244755.74 Elevation: 4276.23
Easting: 884811.25

FORMER Y STATION
STATE LEAD SITE
CLOVIS, NEW MEXICO
MW-16

Daniel B. Stephens & Associates, Inc.
5/17/2021 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	2.2	100	270-280	SP		Sand - as above, no CaCO3
	5.1	100	280-290	SP		Sand - as above
	1.6	100	290-300	SP		Sand - as above, reddish yellow (7.5YR6/6), trace CaCO3
	0.6	100	300-310	SP		Sand - as above
	1.1	100	310-320	SP		Sand - as above
	0.4	100	320-330	SP		Sand - as above, moist
	1.8	100	330-340	SP		Sand - as above, very moist, no CaCO3
	NA	100	340-350	SP		Sand - as above, wet, trace gravel
	NA	100	350-360	SM	350-360	Silty sand with gravel - reddish yellow (7.5YR6/6), fine to medium grained, poorly sorted, subrounded, gravels of CaCO3 cemented sand, trace clay,saturated, no odor
	NA	100	360-366	GW	360-366	Sandy gravel - light brown (7.5YR6/4), gravels up to 2.5", subrounded, fine sand, silt, poorly sorted, saturated, no odor

Geologist: J. Fisher and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 5/29/2020
Well completion date: 5/29/2020

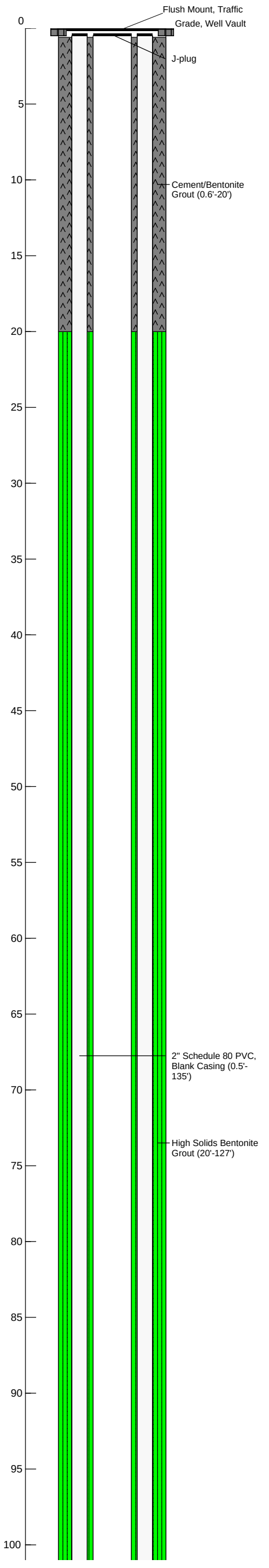
Drilling method: ARCH
Borehole diameter: 8.5"
Sampling method: Cuttings

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1244755.74 Elevation: 4276.23
Easting: 884811.25

FORMER Y STATION
STATE LEAD SITE
CLOVIS, NEW MEXICO
MW-16

Daniel B. Stephens & Associates, Inc.
5/17/2021 JN DB18.1157.00

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PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
			NA	0-1	Landscaping rocks and soil/plants
9.6			SP	1-5	Sand - light brown (5YR 7/4), well graded, loose, dry to moist, subrounded, very fine, trace silt, no odor, some caliche nodules.
	100	5-15	SC	5-15	Clayey sand - (7.5YR 6/3), fine sand, subrounded, low plasticity, claiche nodules, and stringers (10%), dry, loose-medium dense, no odor.
2.8					
			SC		Clayey sand - as above but loose, (7.5YR 8/4).
	100	15-25	CL	15-19.5	Sandy clay - yellowish red (5YR 5/8), trace silt, low to medium plasticity, moist, fine sand, caliche nodules.
			CL		Sandy clay - as above.
			SC	19.5-20	Sand - calcium carbonate cemented, light gray (5YR 7/4).
0.3			SC	20-25	Clayey sand - (5YR 5/8), well sorted, low to medium plasticity, slightly moist, fine, subrounded, loose, caliche nodules (<10%), no odor.
	100	25-35	SP	25-45	Sand - yellowish red (5YR 5/8), very fine, subrounded, loose, dry, no odor, low caliche content, well sorted.
3.0			SP		Sand - as above but calcium carbonate cemented, medium dense.
			SP		Sand - as above with <15% caliche, loose (see 25'-30').
	100	35-45	SP		Sand - (7.5YR 9/2), well sorted, very fine, subrounded, partially cemented, dry, no odor.
0.0					
			SP		Sand - (5YR 5/8), well sorted, very fine to fine, subrounded, loose to partially cemented, slightly moist, no odor.
	100	45-55	SC	45-45.75	Clayey sand - (5YR 5/6), fine, subrounded, low plasticity, moist, no odor.
			SP	45.75-114	Sand - (5YR 5/6), well sorted, fine, subrounded, loose, dry, no odor, CaCO3.
7.6					
	100	55-63	SP		Sand - pink (7.5YR 7/4), fine, well sorted, subangular, loose to partially cemented (CaCO3), dry, odorless.
			SP		Sand - reddish yellow (5YR 6/6), fine, well sorted, subrounded, loose, odorless, dry, calcium carbonate (10%).
			SP		Sand - see 55'. Hard drilling.
0.0					
	100	63-73	SP		Sand (5YR 8/4), fine, well sorted, subrounded, loose to partially cemented (fragments up to 2"), dry, no odor, trace silt. Very hard caliche layer at 68' bgs.
6.6					
	100	73-85	SP		Sand - (7.5YR 8/4), fine to medium, well sorted, loose, litle to no caliche, subrounded to subangular, dry, slight HC odor, some mottling of green and gray staining.
0.5					
	100	85-95	SP		Sand - light brown (7.5YR 6/4), fine grained, well sorted, loose, subrounded to subangular, dry, HC odor (possibly diesel).
0.4			SP		Sand - as above.
			SP		Sand - white (10YR 8/1), caliche cement, otherwise as above.
	100	95-105	SP		Sand - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, slightly moist, HC odor.
0.5			SP		Sand - as above.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 6/20/19
Well completion date: 6/29/19

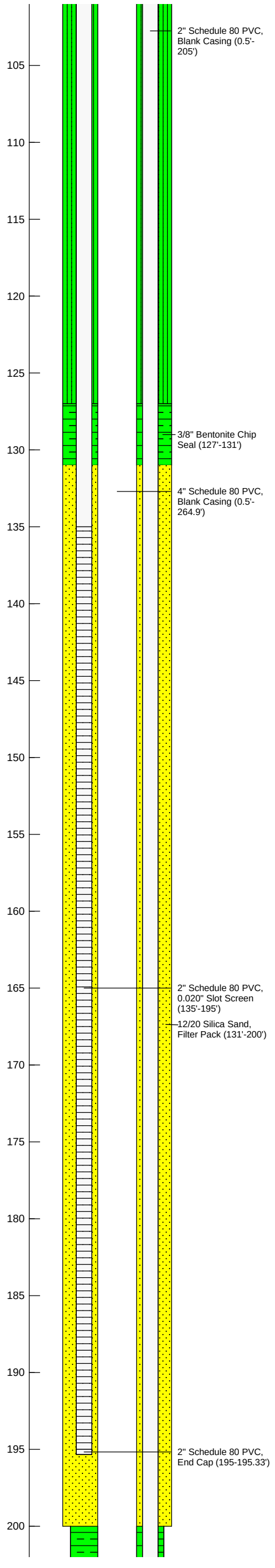
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245546.71 Elevation: 4280.00
Easting: 884125.47

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-1

Daniel B. Stephens & Associates, Inc.
5/17/2021 JN DB18.1157.00

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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	105		100	105-115	SP		Sand - as above.
	110	1.3			SP		Sand - as above.
	115				NA	114-115	Caliche - pinkish white (7.5YR 8/2), fine grained, well sorted, subrounded, calcium carbonate cemented, dry, odorless.
			100	115-125	SP	115-281	Sand - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, slightly moist, HC odor, minor staining.
	120	73.2			SP		Sand - as above.
	125		100	125-135	SP		Sand - as above.
	130	4.1			SP		Sand - as above.
	135		100	135-145	SP		Sand - as above.
	140	22.7			SP		Sand - as above.
	145		100	145-155	SP		Sand - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, non-plastic, minor clay, loose, slightly moist, HC odor.
	150	3.6			SP		Sand - as above.
	155		100	155-165	SP		Sand - as above.
	160	2.8			SP		Sand - with calcium carbonate concretions, otherwise as above.
	165		100	165-175	SP		Sand - as above.
	170	17.3			SP		Sand - as above.
					SP		Sand - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, non-plastic, loose, slightly moist, HC odor.
	175		100	175-185	SP		Sand - as above.
	180	14.5			SP		Sand - as above.
	185		100	185-195	SP		Sand - as above.
	190	6.1			SP		Sand - as above.
	195		100	195-205	SP		Sand - calcium carbonate concretions, otherwise as above.
	200	13.2			SP		Sand - as above.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 6/20/19
Well completion date: 6/29/19

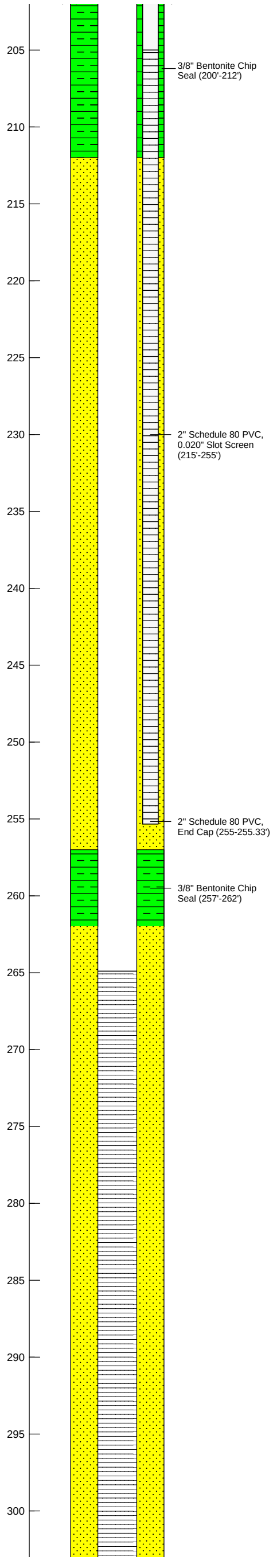
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245546.71 Elevation: 4280.00
Easting: 884125.47

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-1

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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	205		100	205-215	SP		Sand - as above.
	210	16.9			SP		Sand - as above.
	215		100	215-225	SP		Sand - as above.
	220	53.4			SP		Sand - with calcium carbonate concretions, otherwise as above.
	225		100	225-235	SP		Sand - as above.
	230	17.4			SP		Sand - as above.
	235		100	235-245	SP		Sand - as above.
	240	30.6			SP		Sand with minor clay - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, low plasticity, loose, slightly moist, HC odor.
					SP		Sand with minor clay - as above.
	245		100	245-255	SP		Sand with minor clay - as above.
	250	26.8			SP		Sand with minor clay - as above.
	255		100	255-265	SP		Sand with minor clay - as above.
	260	6.3			SP		Sand with calcium carbonate concretions - light brown (7.5YR 6/4), fine grained well sorted, subrounded to subangular, non-plastic. loose, slightly moist, HC odor.
	265		50	265-273	SP		Sand with calcium carbonate concretions - as above.
	270				NA		No recovery.
		32.2	100	273-280	SP		Sand with calcium carbonate concretions - as above.
	275						
	280	21.1	100	280-285	SP		Sand with calcium carbonate concretions - as above.
					SP	281-282	Sandstone - pinkish gray (7.5YR 7/2), fine grained, well sorted, subrounded to subangular, calcium carbonate cement, dry, odorless.
					SP	282-348	Sand with calcium carbonate concretions and stringers - light brown (7.5YR 6/4), fine grained, well sorted, surounded to subangular, non-plastic, loose, slightly moist, slight HC odor.
	285		100	285-295	SP		Sand - staining brown (7.5YR 5/3), otherwise as above.
	290				SP		Sand - continued staining and HC odor, as above.
	295	>15,000	100	295-305	SP		Sand - continued staining and HC odor, as above.
	300	>15,000			SP		Sand with calcium carbonate concretions - light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, non-plastic, loose, moist, HC odor.

Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 6/20/19
Well completion date: 6/29/19

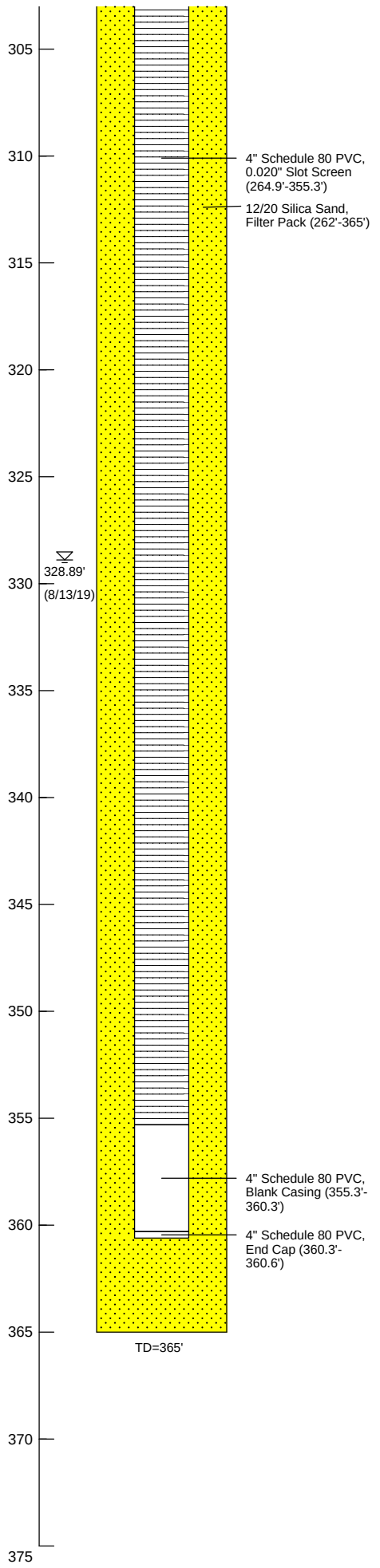
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

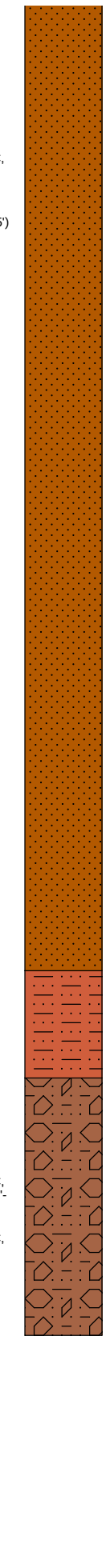
DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245546.71 Elevation: 4280.00
Easting: 884125.47

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-1

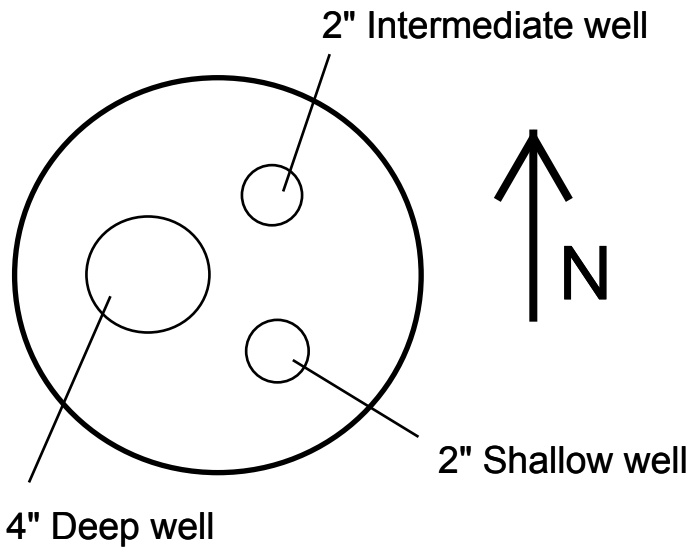
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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	305		100	305-315	SP		Sand with calcium carbonate concretions, HC odor, as above.
	310	>15,000			SP		Sand with calcium carbonate concretions, HC odor, as above.
	315		100	315-325	SP		Sand with calcium carbonate concretions, HC odor, as above.
	320	27.9			SP		Sand with calcium carbonate concretions, HC odor, as above.
	325		100	325-335	SP		Sand with calcium carbonate concretions, saturated, odorless, as above.
	330	NA			SP		Sand with calcium carbonate concretions, saturated, odorless, as above.
	335		100	335-345	SP		Sand with calcium carbonate concretions, as above.
	340	NA			SP		Sand with calcium carbonate concretions, as above.
	345		100	345-355	SP		Sand with calcium carbonate concretions, as above.
					SC	348-353	Clayey sand with calcium carbonate concretions, light brown (7.5YR 6/4), fine grained, well sorted, subrounded to subangular, moderate plasticity, loose, wet, odorless.
	350	NA			SC		Clayey sand - as above.
					SC	353-365	Clayey sand with gravel - light brown (7.5YR 6/4), fine to coarse grained, poorly sorted, rounded to subangular, low plasticity, wet, gravel up to 2", odorless.
	355		100	355-365	SC		Clayey sand with gravel - as above.
	360	NA			SC		Clayey sand with gravel - as above.
	365						
	370						
	375						



Geologist: P. Feltman and H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 6/20/19
Well completion date: 6/29/19

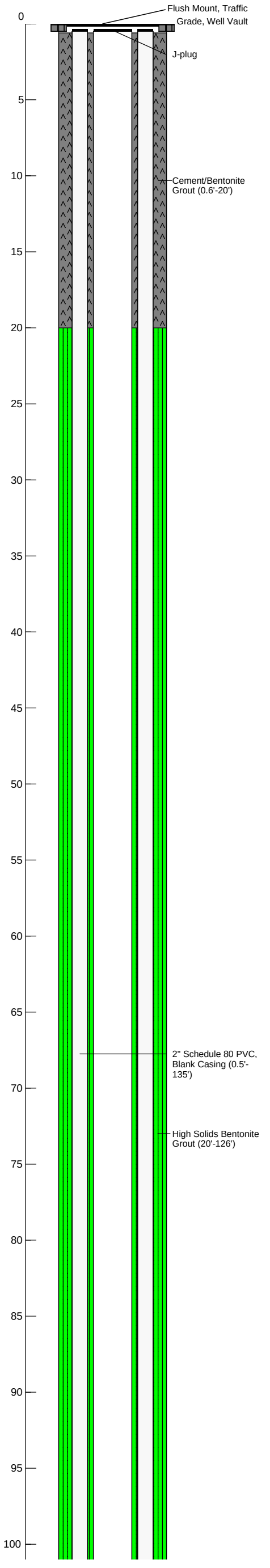
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245546.71 Elevation: 4280.00
Easting: 884125.47

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-1

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
				NA	0-0.5	Asphalt.
	0.0	100	0-5	CL	0.5-4	Sandy clay - dark brown (7.5YR 3/3), medium stiff, slight to moderate plasticity, slightly moist, odorless.
				CH	4-5	Clay with silt - pink (7.5YR 7/4), soft, moderate to high plasticity.
	0.0	100	5-15	SC	5-25	Clayey sand - strong brown (7.5YR 5/6), fine grained, well sorted, subrounded, stiff, brittle to slightly plastic, odorless. Carbonate cementation (caliche) present in stringers and ribbons becoming more pervasive with depth.
	0	30	15-25	SC		Clayey sand - as above.
				SC		Clayey sand - yellowish red (5YR 5/6), fine grained, well sorted, variably cemented with caliche. Sands are loose to moderately cohesive, slightly moist, odorless.
	0	100	25-35	SM	25-27	Silty sand - strong brown (7.5YR 5/6), very fine grained sand and silt, loose to slightly cohesive, dry to slightly moist, ordorless.
				SC	27-33	Clayey sand - strong brown (7.5YR 5/6), fine grained sand with appreciable clay content, variably cemented with caliche, increasing with depth, moderately stiff to well cemented, odorless.
				SM	33-43	Silty sand - light brown (7.5YR 6/4), fine to medium grained, moderately sorted, variably cemented with caliche, loose where not cemented, dry, odorless.
	0	100	35-45	SM		Silty sand - similar to above, grading downward to fine sand (SP). Caliche stringers and nodules abundant, loose where not cemented, dry, odorless.
				SP	43-50	Sand - reddish yellow (7.5YR 6/6), fine to very fine grained, well sorted, rounded, loose to weakly cemented.
	0	100	45-55	SP		Sand - as above.
	0.0			SP/SM	50-55	Sand - strong brown (7.5YR 5/6), very fine to fine grained, generally loose to weakly cemented, with variable degrees of calcium carbonate cement in stringers and nodules, dry, ordorless.
	0.0	100	55-65	NA	55-60	Caliche - white to pinkish gray (7.5YR 7/2), masssive, very hard, weakly cemented sand and silt stringers present.
				SM	60-65	Silty sand - pink (7.5YR 7/3), fine grained, significant caliche development, otherwise loose, dry, odorless.
	0.0	100	65-75	SP	65-243	Sand with silt - reddish yellow (7.5YR 6/6), very fine to fine grained, well sorted, rounded, approximately 15% silt, generally loose with sparse caliche nodules.
	83.2	100	75-85	SP		Sand with silt - as above.
				SP		Sand - reddish yellow (7.5YR 6/6), fine to medium grained, moderately well sorted, little to no caliche development, loose, slightly moist, slight hydrocarbon odor.
	0.0	100	85-95	SP		Sand - as above, some carbonate development (~10%).
				SP		Sand - greater cementation, otherwise as above.
				SP		Sand - little to no caliche developement, otherwise as above.
	0.4	100	95-105	SP		Sand - no HC odor, otherwise as above.

Geologist: H. Barnes and J. Raucci
Driller: Yellow Jacket Drilling
Drilling start date: 6/15/19
Well completion date: 6/19/19

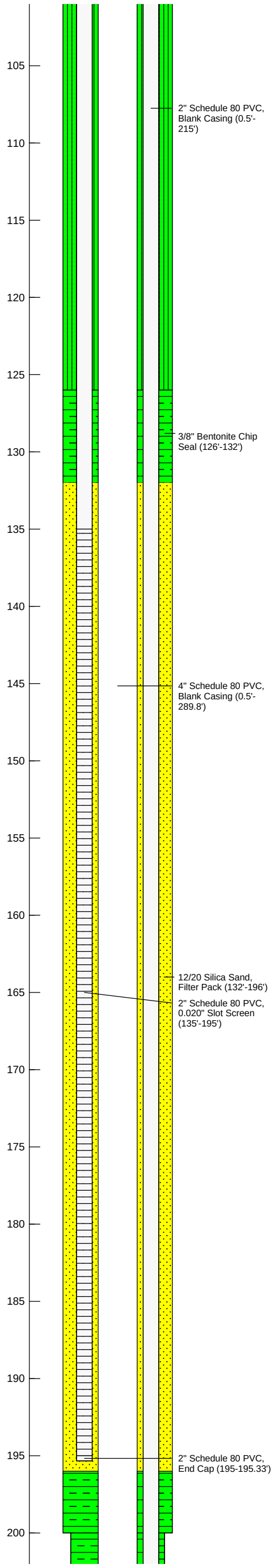
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 124516.84 Elevation: 4279.70
Easting: 884140.97

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-2

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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	105	19.1	100	105-110	SP		Sand - similar to above but mottled with light gray (7.5YR 7/1), variable but generally greater developement of carbonate cementation (10-20%) in nodules and lenses.
	110	1.8	100	110-115	SP		Sand - as above.
	115	58	100	115-125	SP		Sand - as above.
	120						
	125	6.9	100	125-135	SP		Sand - as above.
	130						
					SP		Sand - light brown (7.5YR 6/4), fine grained, well sorted, loose with sparse carbonate cemmented nodules, slightly moist, slight HC odor.
	135	389.4	100	135-145	SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, loose with little to no carbonate development, slightly moist, slight HC odor.
	140				SP		Sand - similar to above but with large (up to 2") carbonate cemented nodules, strong HC odor.
	145	295.6	100	145-155	SP		Sand - as above, HC odor.
	150						
	155	603.3	100	155-165	SP		Sand - as above, HC odor.
	160				SP		Sand - general increase in carbonate cementation, abundant hard carbonate cemented nodules and lenses, mododerate HC odor.
	165	>15,000	100	165-175	SP		Sand - reddish yellow (7.5YR 6/6), fine grained, very well sorted, loose with little to no carbonate development, slightly moist, HC odor.
	170						
	175	2338	100	175-185	SP		Sand - as above, HC odor.
	180						
	185	>15,000	100	185-195	SP		Sand - as above, HC odor.
	190						
	195	3553	100	195-200	SP		Sand - similar to above but slightly finer grained (very fine sand).
	200	5133	100	200-210	SP		Sand - as above, very fine sand with trace silt.

Geologist: H. Barnes and J. Raucci
Driller: Yellow Jacket Drilling
Drilling start date: 6/15/19
Well completion date: 6/19/19

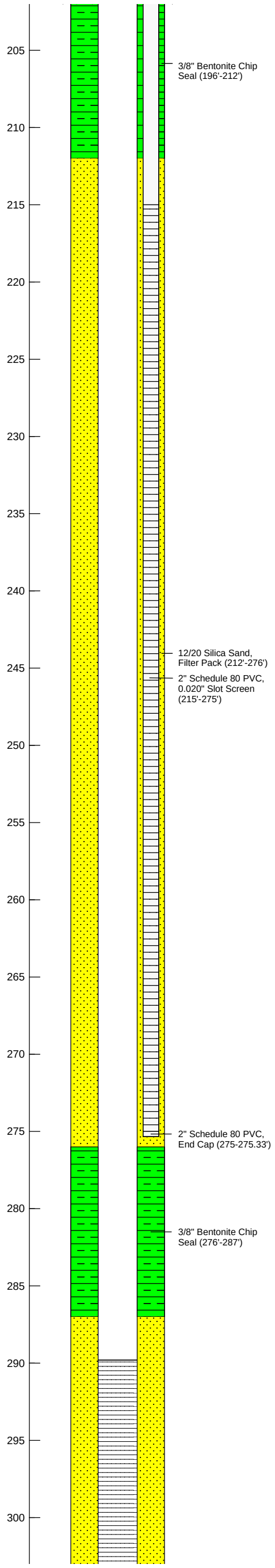
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 124516.84 Elevation: 4279.70
Easting: 884140.97

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-2

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	2994	100	210-217	SP		Sand - as above.
	>15,000	100	217-227	SP		Sand - similar to above but with lenses of darker sand, olive yellow (10YR 5/6), fine grained, well sorted, loose to very weakly cemented.
	>15,000	100	227-235	SP		Sand - reddish yellow (7.5YR 6/6), very fine grained, well sorted, loose with sparse carbonate nodules 1-5 cm diameter, slightly moist, HC odor.
	861.1	100	235-245	SP		Sand - as above.
				SM	243-245	Silty sand - reddish yellow (7.5YR 6/6), very fine grained, greater cementation than above.
	3129	100	245-255	SP	245-354	Sand - reddish yellow (7.5YR 6/6), very fine to fine grained, well sorted, loose with sparse carbonate nodules, occurance increasing with depth, slightly moist, HC odor.
	1661	100	255-265	SP		Sand - as above with some olive yellow color mottling (10YR 6/6), HC odor.
	>15,000	100	265-275	SP		Sand - similar to above, variable but generally greater cementation through this interval.
	1661	100	275-277	SP		Sand - as above.
	>15,000	100	277-284	SP		Sand - continue as above, but sparsely interbedded with thin sandstone beds (<2"). Sandstone is light brown (7.5Y/R 6/4), fine grained, structureless, moderately indurated.
	>15,000	100	284-295	SP		Sand - as above.
	>15,000	100	295-300	SP		Sand - as above.
	>15,000	100	300-315	SP		Sand - as above.

Geologist: H. Barnes and J. Raucci
Driller: Yellow Jacket Drilling
Drilling start date: 6/15/19
Well completion date: 6/19/19

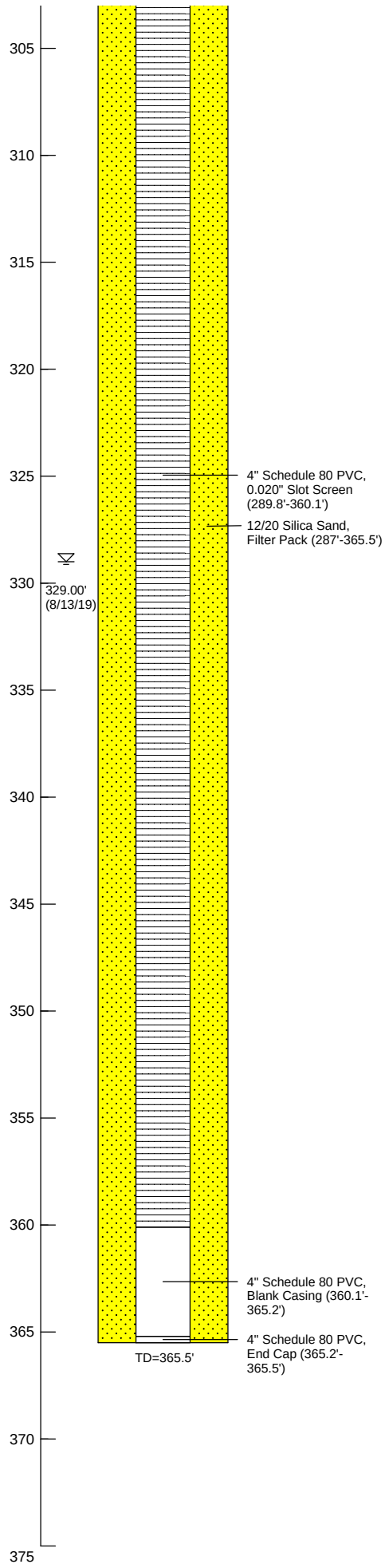
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 124516.84 Elevation: 4279.70
Easting: 884140.97

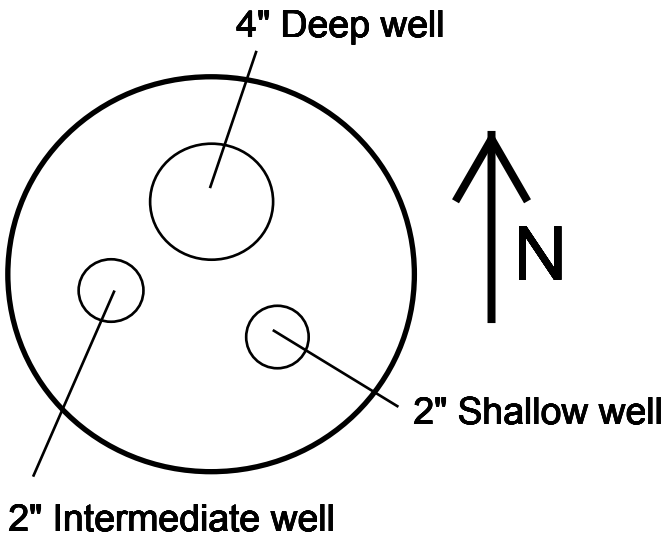
FORMER Y STATION
CLOVIS, NEW MEXICO
RW-2

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	>15,000	100	315-325	SP		Sand - generally as above but with a thin, well-indurated bed at 320'.
	>15,000	100	325-335	SP		Sand - as above, trace silt, encounter water table at approximately 329'.
	516.9	100	335-345	SP		Sand - with silt, otherwise as above.
	48.1	100	345-352	SP		Sand - as above with trace clay (<10%), wet.
		100	352-360	SP		Sand - strong brown (7.5YR 5/6), fine grained, loose to slightly cohesive, minor rounded to subrounded gravels up to 0.5", wet.
				CL	354-360	Sandy clay - reddish brown (2.5YR 5/4), fine grained, slightly to moderately plastic, minor rounded to subrounded gravels up to 0.5", wet.
		100	360-365	SC	360-365	Clayey sand with gravel - light brown (7.5YR 6/4), fine grained, poorly sorted, slightly to moderately plastic, moderately dense, abundant subrounded gravels up to 2" diameter, wet.



Geologist: H. Barnes and J. Raucci
Driller: Yellow Jacket Drilling
Drilling start date: 6/15/19
Well completion date: 6/19/19

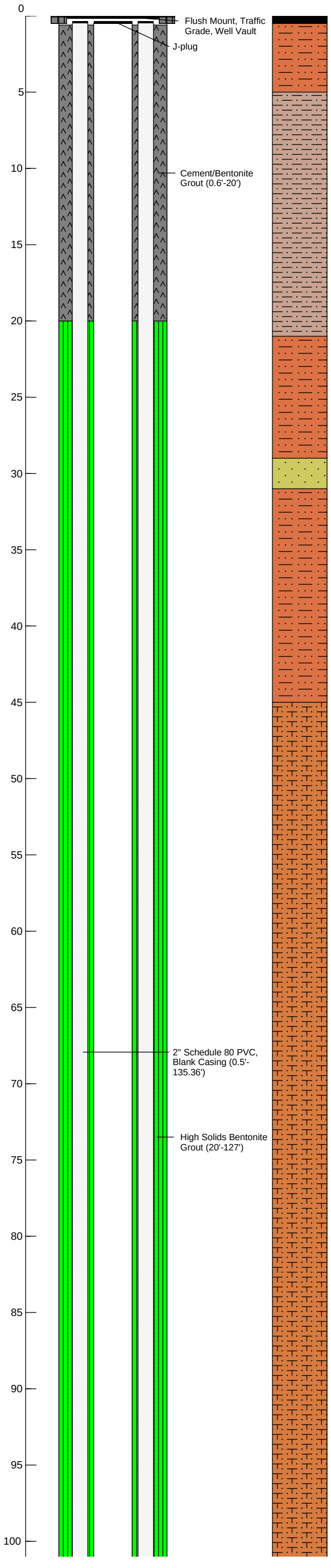
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 124516.84 Elevation: 4279.70
Easting: 884140.97

FORMER Y STATION
CLOVIS, NEW MEXICO
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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	9.6		0-5	NA	0-0.5	Asphalt
				SC	0.5-5	Clayey sand - dark brown (7.5YR 3/4), fine grained, well sorted, subangular, high plasticity, loose, slightly moist, odorless.
		100	5-15	CH	5-21	Sandy clay with caliche - yellowish red (5YR 5/6), fine grained, well sorted, subangular, high plasticity, stiff, dry, odorless.
	2.8			CH		Sandy clay - as above.
		100	15-25	CH		Sandy clay - as above.
	0.3			CH		Sandy clay - as above.
				SC	21-29	Clayey sand - yellowish red (5YR 5/8), and pinkish white (7.5YR 8/2), fine grained, well sorted, subrounded, to angular, low plasticity, loose to semi-consolidated, dry, odorless.
		100	25-35	SC		Clayey sand - decreased caliche, otherwise as above.
				SP	29-31	Sand - yellowish red (5YR 5/8), fine grained, well sorted, subrounded to subangular, non-plastic, minor clay, loose, dry, odorless.
	3.0			SP		Sand - as above.
				SC	31-45	Clayey sand - reddish yellow (5YR 5/6), minor silt, fine grained, well sorted, subrounded to subangular, with caliche - pinkish white (7.5YR 8/2), semi consolidated, dry, odorless.
		100	35-45	SC		Clayey sand - as above.
	0.0			SC		Clayey sand - reduced claiche, otherwise as above.
		100	45-55	SP	45-335	Sand with silt and clay - yellowish red (5YR 5/6), fine grained, well sorted, subrounded to angular, low plasticity, loose, dry, odorless.
	7.6			SP		Sand with slilt and clay - as above.
		100	55-63	SP		Sand with silt - pink (7.5YR 7/3), fine grained, well sorted, subrounded minor clay, low plasticity, loose, dry, odorless, calcium carbonate reaction with HCl; some consolidated areas.
	0.0			SP		Sand with silt - as above.
		100	63-73	SP		Sand with silt - as above.
	6.6			SP		Sand with silt - as above.
		100	73-85	SP		Sand with silt - as above.
	0.5			SP		Sand with silt and calcium carbonate concretions - otherwise as above.
		100	85-95	SP		Sand with silt and calcium carbonate concretions - as above.
	0.4			SP		Sand with silt and calcium carbonate concretions - as above.
		100	95-105	SP		Sand with silt and calcium carbonate concretions - as above.
	0.5			SP		Sand with silt and calcium carbonate concretions - as above.

Geologist: P. Feltman
Driller: Yellow Jacket Drilling
Drilling start date: 8/19/19
Well completion date: 8/30/19

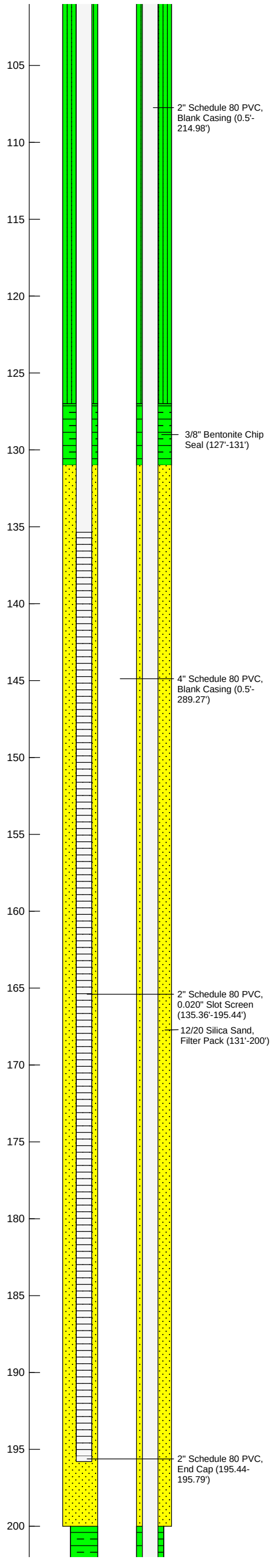
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245486.71 Elevation: 4278.78
Easting: 884251.49

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-3

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9/26/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
		100	105-115	SP		Sand with silt and calcium carbonate concretions - as above.
	1.3			SP		Sand with silt and calcium carbonate concretions - as above.
				SP		Sand with silt and calcium carbonate concretions - as above.
		100	115-125			
	73.2			SP		Sand with silt - no calcium carbonate concretions, black staining, otherwise as above.
				SP		Sand with silt - no staining, otherwise as above.
		100	125-135	SP		Sand with silt - as above.
	4.1			SP		Sand with silt - as above.
		100	135-145	SP		Sand with silt - as above.
	22.7			SP		Sand with silt - as above.
		100	145-155	SP		Sand with silt - as above.
	3.6			SP		Sand with silt - as above.
		100	155-165	SP		Sand with silt - as above.
	2.8			SP		Sand with silt - as above.
		100	165-175	SP		Sand with silt - as above.
	17.3			SP		Sand with silt - with minor gray staining, odorless, otherwise as above.
				SP		Sand with silt andcalcium carbonate concretions - no staining, otherwise as above.
		100	175-185	SP		Sand with silt and calcium carbonate concretions - no staining, otherwise as above.
	14.5			SP		Sand with silt - odorless, otherwise as above.
		100	185-195	SP		Sand with silt - minor gray staining, otherwise as above.
				SP		Sand with silt - no staining, otherwise as above.
	6.1			SP		Sand with silt - slight HC odor, as above.
		100	195-205	SP		Sand with silt - slight HC odor, as above.
	13.2			SP		Sand with silt - slight HC odor, as above.

Geologist: P. Feltman
Driller: Yellow Jacket Drilling
Drilling start date: 8/19/19
Well completion date: 8/30/19

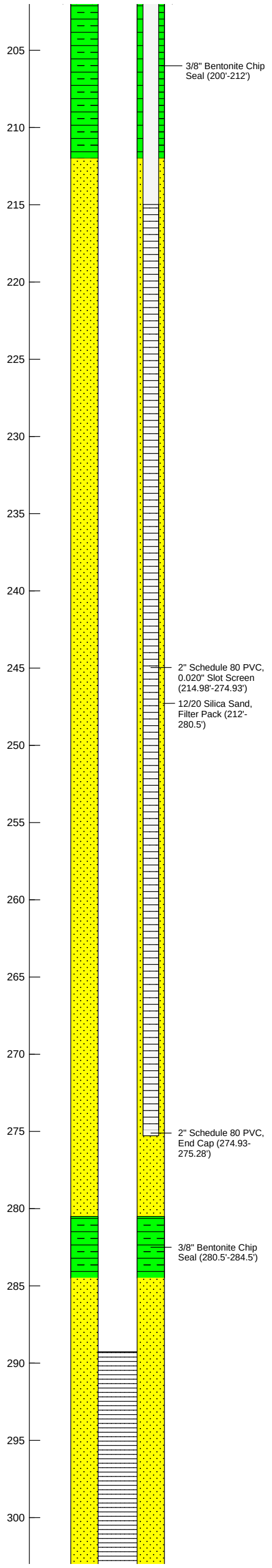
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245486.71 Elevation: 4278.78
Easting: 884251.49

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-3

Daniel B. Stephens & Associates, Inc.
9/26/2019 JN DB18.1157.00

S:\Projects\DB18.1157_Former_Y_Station\VR_Drawings\LogPlot



Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	205		100	205-215	SP		Sand with silt and calcium carbonate concretions - slight HC odor, otherwise as above.
	210	16.9			SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	215		100	215-225	SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	220	53.4			SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	225		100	225-235	SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	230	17.4			SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	235		100	235-245	SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	240	30.6			SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	245		100	245-255	SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	250	26.8			SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	255		100	255-265	SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	260	6.3			SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	265		100	265-272	SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	270				SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
		32.2	100	272-284	SP		Sand with silt and calcium carbonate concretions - slight HC odor, as above.
	275						
	280	21.1			SP		Sand with silt - no calcium carbonate concretions, slight HC odor, otherwise as above.
	285		0	284-294	SP		No Recovery.
	290						
	295	>15,000	100	294-305	SP		Sand with silt - slight HC odor, as above.
	300	>15,000			SP		Sand with silt - very strong HC odor, otherwise as above.

Geologist: P. Feltman
Driller: Yellow Jacket Drilling
Drilling start date: 8/19/19
Well completion date: 8/30/19

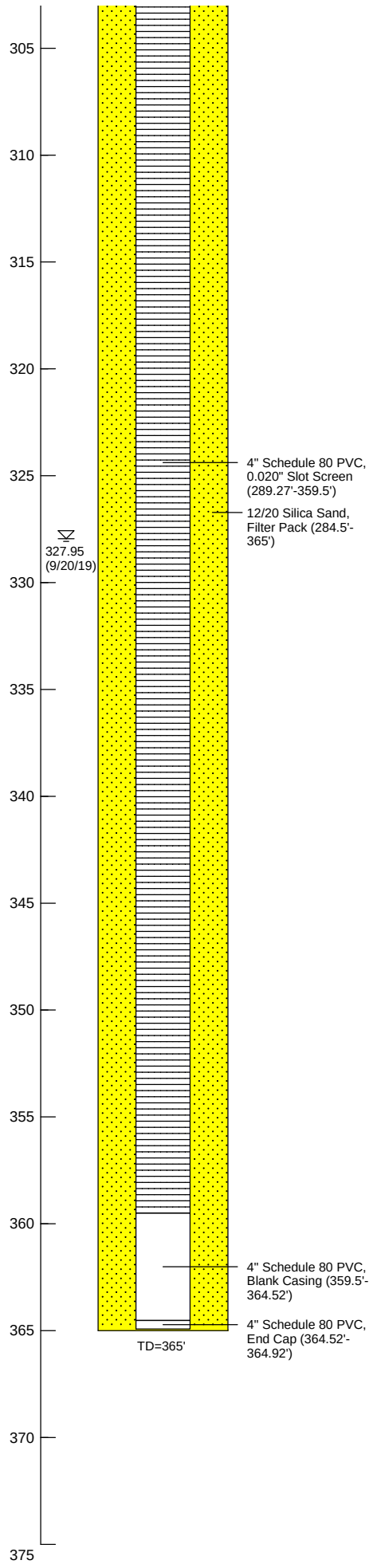
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245486.71 Elevation: 4278.78
Easting: 884251.49

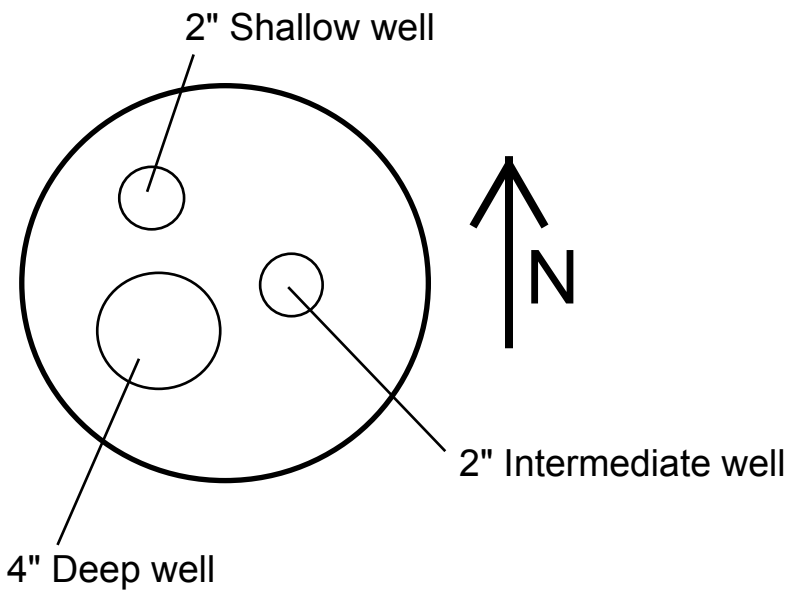
FORMER Y STATION
CLOVIS, NEW MEXICO
RW-3

Daniel B. Stephens & Associates, Inc.
9/26/2019 JN DB18.1157.00

S:\Projects\DB18.1157_Former_Y_Station\VR_Drawings\LogPlot



Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
		100	305-315	SP		Sand with silt - very strong HC odor, as above.
	>15,000			SP		Sand with silt - very strong HC odor, as above.
		100	315-325	SP		Sand with silt - very strong HC odor, as above.
	27.9			SP		Sand with silt - very strong HC odor, as above.
		100	325-335	SP		Sand with silt - very strong HC odor, as above.
	NA			SP		Sand with silt - very strong HC odor, as above.
		100	335-345	SC	335-365	Clayey sand - yellowish red (5YR 4/6), fine grained, well sorted, rounded, low plasticity, medium dense, slightly moist, no odor.
	NA			SC		Clayey sand - as above.
		100	345-355	SC		Clayey sand - as above.
	NA			SC		Clayey sand with gravel - light brown (7.5YR 6/4), fine to coarse grained, poorly sorted, rounded to subangular, low plasticity, wet, gravel up to 3", odorless.
		100	355-365	SC		Clayey sand with gravel - as above.
	NA			SC		Clayey sand with gravel - as above.



Geologist: P. Feltman
Driller: Yellow Jacket Drilling
Drilling start date: 8/19/19
Well completion date: 8/30/19

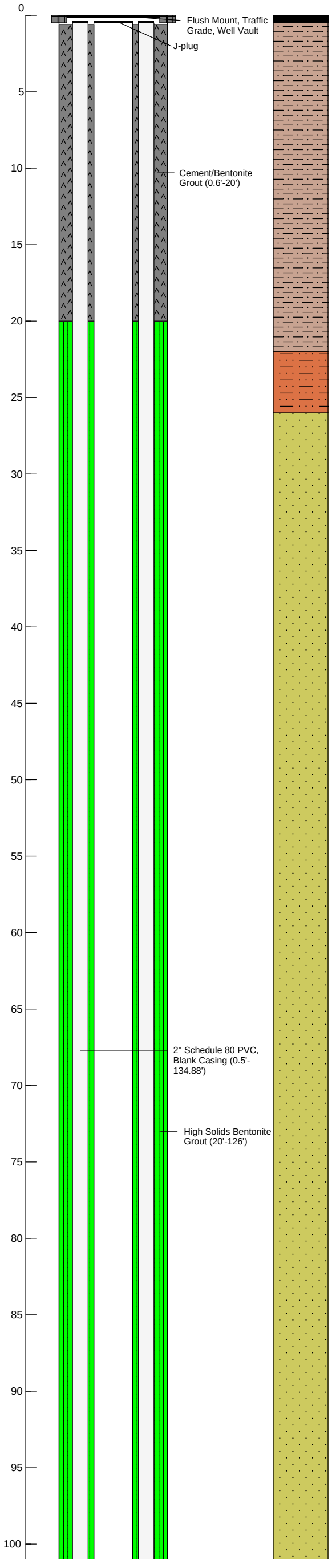
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245486.71 Elevation: 4278.78
Easting: 884251.49

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-3

Daniel B. Stephens & Associates, Inc.
9/26/2019 JN DB18.1157.00

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PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
			NA	0-0.5	Asphalt.
7.2	100	0-5	CL	0.5-22	Sand clay - brown (7.5YR 4/4), fine grained, well sorted, subrounded, moderate plasticity, loose to medium dense, slightly moist, no odor, calcium carbonate.
0.2	100	6-16	CL		Sandy clay - yellowish red (5YR 5/6), otherwise as above.
2.7	100	16-26	CL		Sandy clay - as above.
			SC	22-26	Clayey sand - yellowish red (5YR 5/6), fine grained, well sorted, subrounded, low plasticity, partially cemented (calcium carbonate rich), dry, no odor.
			SC		Clayey sand - reddish yellow (5YR 6/6), with less calcium carbonate, loose, otherwise as above.
0.0	100	26-36	SP	26-347	Sand - pink (5YR 7/4), fine grained, well sorted, subrounded, non-plastic, loose to partially cemented, no odor, trace silt, calcium carbonate rich.
	100	34-46	SP		Sand - reddish yellow (5YR 6/6), fine grained, well sorted, subrounded, low plasticity (trace clay), loose, dry, no odor.
0.0			SP		Sand - no clay (non-plastic), trace calcium carbonate nodules, otherwise as above.
0.0	100	46-56	SP		Sand - as above.
			SP		Sand - pink (5YR 7/4), very high calcium carbonate concentrations, partially cemented, otherwise as above.
4.6	100	56-66	SP		Sand - light reddish brown (5YR 6/4), fine grained, well sorted, subrounded, non-plastic, partially cemented, dry, no odor, calcium carbonate rich, trace silt.
5.0	100	66-76	SP		Sand - loose, lower calcium carbonate concentration, otherwise as above.
0.8	100	76-86	SP		Sand - as above.
			SP		Sand - reddish yellow (7.5YR 6/6), fine grained, well sorted, subrounded to subangular, non-plastic, loose, dry, little to no calcium carbonate.
3.6	100	86-96	SP		Sand - as above.
0.0	100	96-104	SP		Sand - as above.

Geologist: H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 9/9/19
Well completion date: 9/9/19

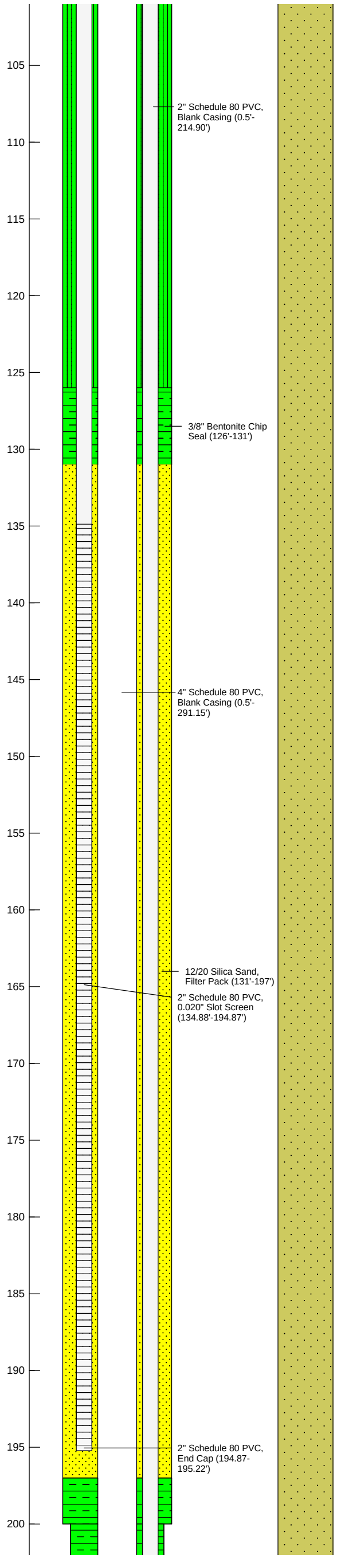
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245346.00 Elevation: 4278.84
Easting: 884279.77

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-4

Daniel B. Stephens & Associates, Inc.
9/26/2019 JN DB18.1157.00

S:\Projects\DB18.1157_Former_Y_Station\VR_Drawings\LogPlot



Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	0.6	100	104-108	SP		Sand - as above.
	0.0	100	108-116	SP		Sand - increased calcium carbonate concentrations (~15%) at 110', otherwise as above.
	2.9	100	116-126	SP		Sand - <10% calcium carbonate, otherwise as above.
	3.0	100	126-136	SP		Sand - as above.
	0.4	100	136-146	SP		Sand - as above.
	23.7	100	146-156	SP		Sand - as above.
	16.4	100	156-166	SP		Sand - as above.
	13.7	100	166-176	SP		Sand - less calcium carbonate, otherwise as above.
	19.5	100	176-182	SP		Sand - as above.
	92.4	100	182-192	SP		Sand - higher concentrations of calcium carbonate at 186'-187', otherwise as above.
	66.6	100	192-202	SP		Sand - as above.

Geologist: H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 9/9/19
Well completion date: 9/9/19

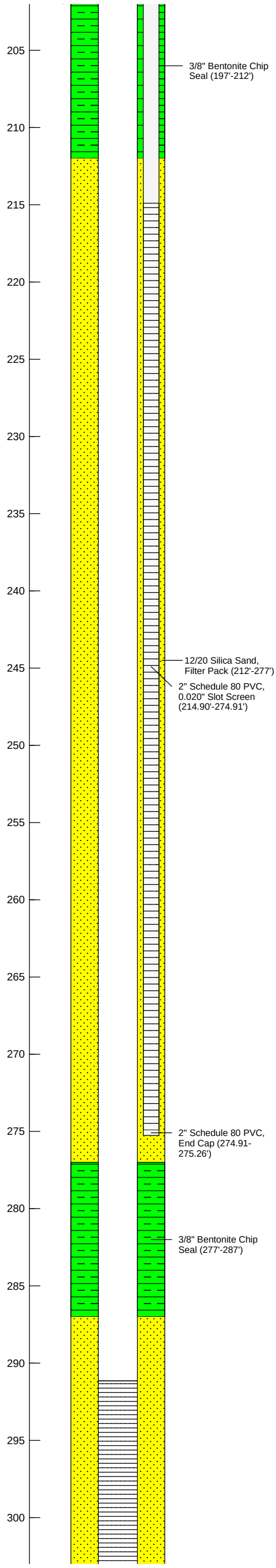
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245346.00 Elevation: 4278.84
Easting: 884279.77

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-4

Daniel B. Stephens & Associates, Inc.
9/26/2019 JN DB18.1157.00

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Graphic Log		PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	205						
	210	26.7	10	208-216	SP		Sand - as above.
	215	27.8	100	216-226	SP		Sand - as above.
	220						
	225	2.8	100	226-236	SP		Sand - increased calcium carbonate at 228'-229', otherwise as above.
	230						
	235	2.0	100	236-246	SP		Sand - as above.
	240						
	245	234.6	100	246-256	SP		Sand - as above.
	250						
	255	31.3	100	256-266	SP		Sand - increased calcium carbonate at 262'-264', otherwise as above.
	260						
	265	119.6	100	266-276	SP		Sand - as above.
	270						
	275	270.9	100	276-286	SP		Sand - increased calcium carbonate concentration, otherwise as above.
	280						
	285	815	100	286-292	SP		Sand - less calcium carbonate, HC odor, otherwise as above.
	290	474.5	100	292-302	SP		Sand - strong HC odor, higher calcium carbonate concentration at 300'-301', otherwise as above.
	295						
	300	435.1	100	302-310	SP		Sand - HC odor, increased calcium carbonate at 308.5'-310', otherwise as above.

Geologist: H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 9/9/19
Well completion date: 9/9/19

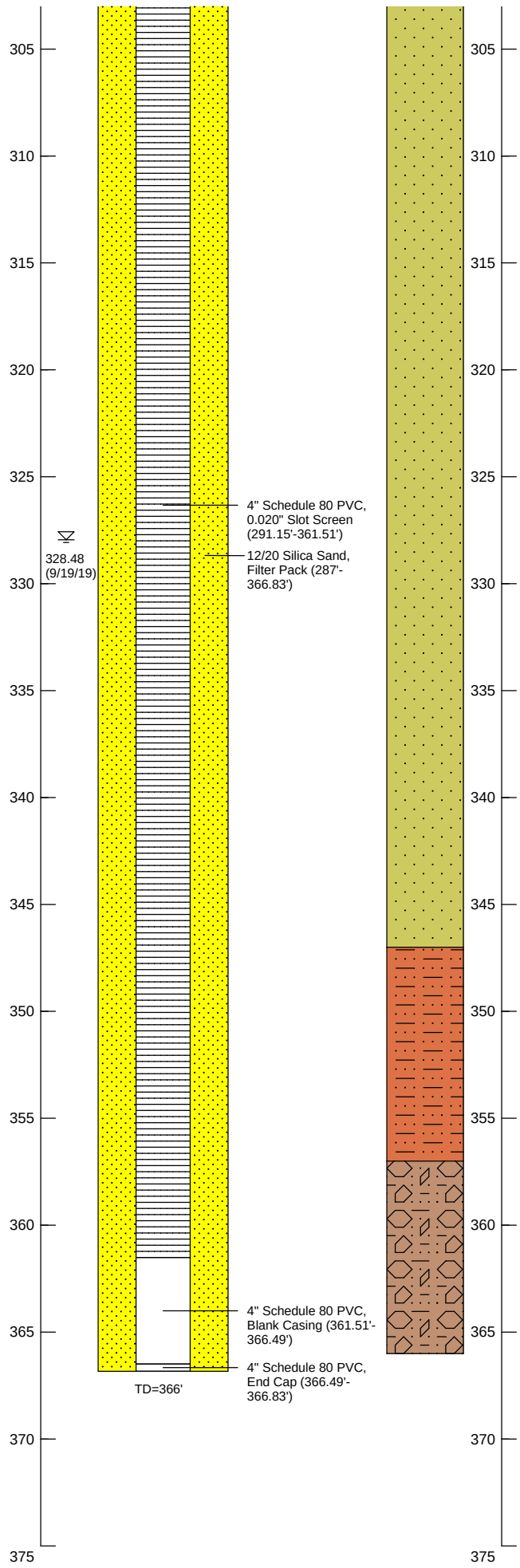
Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245346.00 Elevation: 4278.84
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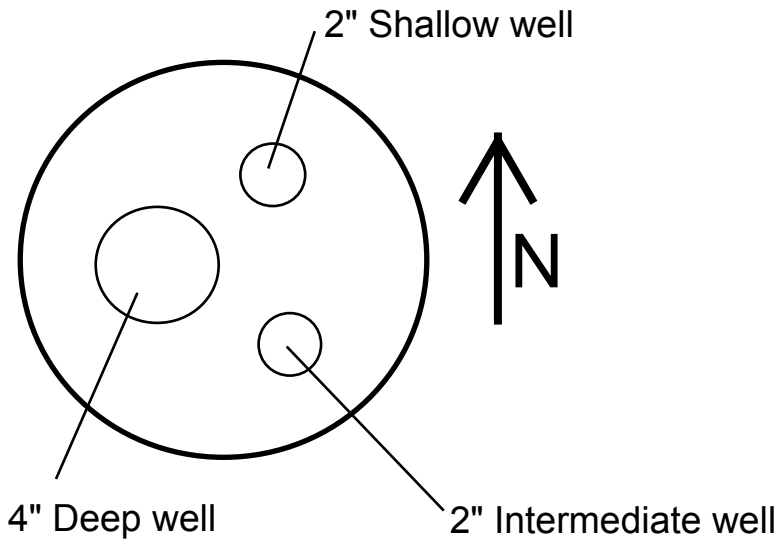
FORMER Y STATION
CLOVIS, NEW MEXICO
RW-4

Daniel B. Stephens & Associates, Inc.
9/26/2019 JN DB18.1157.00

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Graphic Log	PID reading (ppm)	Sample Recovery (%)	Sample Interval (ft bgs)	USCS Symbol	Lithology Interval	Comments and Lithology
	448.6	100	310-316	SP		Sand - increased calcium carbonate, strong odor, moist, trace silt, otherwise as above.
	345.6	100	316-326	SP		Sand - as above.
	598.7	100	326-336	SP		Sand - as above, wet at 331'.
	NA	100	336-346	SP		Sand - with trace low plasticity clay, otherwise as above.
	NA	100	346-350	SP		Sand - as above.
				SC	347-357	Clayey sand - light reddish brown (5YR 6/4), fine grained, well sorted, subrounded, low plasticity, loose, saturated, HC odor.
	NA	100	350-360	SC		Clayey sand - as above.
				SW	357-366	Gravelly sand with clay - light reddish brown (5YR 6/3), fine grained, poorly sorted, subrounded, fine gravels, low plasticity, loose, calcium carbonate, damp to wet, HC odor.
	NA	100	360-366	SC		Gravelly sand with clay - as above.



Geologist: H. Barnes
Driller: Yellow Jacket Drilling
Drilling start date: 9/9/19
Well completion date: 9/9/19

Drilling method: Sonic
Borehole diameter: 10.25"/9.5"
Sampling method: Sonic core

DTW= Depth to water measured below top of casing (feet)
New Mexico State Plane East NAD83
Northing: 1245346.00 Elevation: 4278.84
Easting: 884279.77

FORMER Y STATION
CLOVIS, NEW MEXICO
RW-4

Daniel B. Stephens & Associates, Inc.
9/26/2019 JN DB18.1157.00

Appendix B

Survey Report

DBS&A
a Geo-Logic Company

LYDICK
ENGINEERS & SURVEYORS
CLOVIS, NEW MEXICO

Robert C. Lydick
Professional Engineer and Land Surveyor
New Mexico-Texas-Oklahoma-Colorado

The following coordinates for monitor well **RW-1, RW-2, RW-3, RW-4, BW-7R, BW-8, MW-11, MW-12, MW-13, and MW-16.** The remaining coordinates are for three sumps and three electrical junction boxes (EJB) which all coordinates included in the table below are located in the **CITY OF CLOVIS, CURRY COUNTY, NEW MEXICO** are located on New Mexico State Plane East Zone Grid:

NAD 83:

Monitor Wells, Sumps, & Electrical Junction Boxes						
Description	Northing	Easting	Top of Split Well Cap	Top of Casing Elevation	Top of Vault Elevation	Casing Size
RW-1	1245546.620	884125.544	4279.558	4279.538	N/A	4-inch
RW-2	1245416.895	884141.210	4278.970	4278.950	N/A	4-inch
RW-3	1245486.497	884251.597	4278.534	4278.514	N/A	4-inch
RW-4	1245345.739	884280.005	4278.098	4278.078	N/A	4-inch
BW-7R	1245210.173	884291.255	4277.575	4277.555	N/A	5-inch
BW-8	1245377.136	884091.745	N/A	4277.888	N/A	4-inch
MW-11	1244812.368	884413.001	4273.831	4273.811	N/A	5-inch
MW-12	1245128.130	884520.260	4277.320	4277.300	N/A	5-inch
MW-13	1244960.698	884269.944	4275.346	4275.326	N/A	5-inch
MW-16	1244755.633	884811.107	4276.039	4276.019	N/A	5-inch
SUMP 1	1245387.298	884276.500	N/A	N/A	4279.494	N/A
SUMP 2	1245388.757	884147.195	N/A	N/A	4279.411	N/A
SUMP 3	1245145.963	884372.923	N/A	N/A	4277.959	N/A
EJB 1	1245349.202	884278.436	N/A	N/A	4279.152	N/A
EJB 2	1245392.673	884146.711	N/A	N/A	4279.503	N/A
EJB 3	1245144.362	884436.894	N/A	N/A	4278.034	N/A

Robert C. Lydick

Robert C. Lydick P.E & L.S. No. 5955



205 E. Second St. • Clovis, New Mexico 88101 • P.O. Box 728 • Clovis, New Mexico 88102-0728
ph: 575-762-3771 • fax: 575-762-9093

Appendix C

Field Notes

DBS&A
a Geo-Logic Company

Fill out all fields. Enter no reading (NR) or not active (NA) if applicable for each field.

Site: Former Y Station	Project Number: DB18.1157
Staff Name: S. Ahern	Date/Time on Site: 11/17 8:26

Compound Readings

Service Gas Meter (cf): (take photo) 04941	Service Electric Meter (kWh): (take photo) 04035

Oxidizer [Oxidizer Screen]

Oxidizer Hours[1]	Dilution Valve (%)	Ox Inlet Temp (°F)	Ox Outlet Temp (°F)	NG Valve (%)
8544	NA	NA	NA	NA

DPE Blower Information [HMI Screen]

Vacuum (in H_2O)[2]	Temp (°F)[2]	Flow (SCFM)[2]	Hours[3]	Speed (Hz)[3]
NA	NA	NA	8762.5	36

Motor Control (Hours)

DTA Blower[3]	Moisture Sep Transfer Pump[3]	Discharge Pump[3]
~~8762.5~~ 0534.9	351.5	2117.6

Groundwater Treatment Totals

Flow Total from HMI (gal)	Flow Total from Physical Meter (gal)	Flow Rate from Physical Meter (gpm)
30038	~~0494~~ 10726143	15

Groundwater Well Information [HMI]

Time Recorded	Well	Pump Hours[3]	Well Level (ft abv trs)[5]	Flow Total[4]
8:44	RW-1	3791.6	NA	315472
	RW-2	2804.9	NA	83232
	RW-3	5130.0	NA	4269O3
	RW-4	7056.4	9.0	814057
	BW-7R	4544.0	11.4	367860
	MW-11	4994.2	NA	331834
	MW-12	5087.1	NA	470656
	MW-13	7202.2	NA	309680
	MW-16	5109.7	30.9	158633

Sump Lines (Record Gallons Emptied)			Product Storage Tank (Measure in ft using interface probe)		
~~SVE Line 1~~	SVE Line 2	SVE Line 3	DTP	DTW	TD
0	0	0	NA	NA	NA

Laboratory Samples Collected
Match names and times from here on labels and chain of custody form

FY Treated Eff (H_2O)	FY Raw (H_2O)	FY Ox Eff (vapor)	FY Comb Inf (vapor)	DTA Eff (vapor)
11:50	12:50	NA	NA	NA

Bottle Kits Remaining: 12 (2 plastic, 1 Amber bag) 10 (7-40ml kits) Tedlar Bags Remaining: 5

[1]Only found on the oxidizer panel screen
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Former Y O&M SVE OFF Date: 11/17/2025

Time	Compound Vapor Measurements					
	Sample Point	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)	Notes
	SVE 1					
	SVE 2					
	SVE 3					
	Combined Influent					
	Oxidizer Effluent					

Field Measurements									
		GW Measurements			Vapor Measurements				
Time	Sample Point	Pressure (psi)	Total Flow (gal)	Flow Rate (gpm)		Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)
NA	RW-1	NM	NM	NM	RW-1-S				
					RW-1-I				
					RW-1-D				
11:14	RW-2	NM	0042723	NM	RW-2-S				
					RW-2-I				
					RW-2-D				
11:10	RW-3	NM	0450278	NM	RW-3-S				
					RW-3-I				
					RW-3-D				
10:54	RW-4	NM	0210641	4.8	RW-4-S				
					RW-4-I				
					RW-4-D				
10:29	BW-7R	NM	0367394	4.6	BW-7R				
—	BW-8				BW-8-S				
					BW-8-I				
					BW-8-D				
10:15	MW-11	NM	03361165	NM	MW-11				
10:24	MW-12	NM	05116D616	NM	MW-12				
10:00	MW-13	NM	03091652	NM	MW-13				
10:20	MW-16	NM	0288930	NM	MW-16				

Sump Lines (Record Gallons Emptied)				
North Sump (In RW-1)	West Sump (Glasses Parking Lot)		East Sump (Near RW-4)	South Sump (Near Domino's)
—	—	—	—	—

[1]Only found on the oxidizer main screen, not the H2K HMI
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Fill out all fields. Enter no reading (NR) or not active (NA) if applicable for each field.

Site: Former Y Station				Project Number: DB18.1157	
Staff Name: Brandon Constand				Date/Time on Site: 12/03/2025 11:10	
Compound Readings					
Service Gas Meter (cf): (take photo) 05931				Service Electric Meter (kWh): (take photo) 66484	
Oxidizer [Oxidizer Screen]					
Oxidizer Hours[1]	Dilution Valve (%)	Ox Inlet Temp (°F)	Ox Outlet Temp (°F)	NG Valve (%)	
8766	100.0	42	48	0.0	
DPE Blower Information [HMI Screen]					
Vacuum (in H_2O)[2]	Temp (°F)[2]	Flow (SCFM)[2]	Hours[3]	Speed (Hz)[3]	
0.0	61.9	231	8762.5	36	
Motor Control (Hours)					
DTA Blower[3]		Moisture Sep Transfer Pump[3]		Discharge Pump[3]	
0919.6		351.5		2171.0	
Groundwater Treatment Totals					
Flow Total from HMI (gal)		Flow Total from Physical Meter (gal)		Flow Rate from Physical Meter (gpm)	
30563 x100		0775101		16.6	

Groundwater Well Information [HMI]

Time Recorded	Well	Pump Hours[3]	Well Level (ft abv trs)[5]	Flow Total[4]
11:20	RW-1	3791.6	0.0	315472
	RW-2	2804.9	0.0	83232
	RW-3	5130.0	0.0	426903
	RW-4	7438.6	24.8	878801
	BW-7R	4586.4	13.4	373544
	MW-11	4994.2	0.0	331834
	MW-12	5087.1	0.0	470656
	MW-13	7202.2	21.1	309681
	MW-16	5109.7	31.0	158633

Sump Lines (Record Gallons Emptied)			Product Storage Tank (Measure in ft using interface probe)		
SVE Line 1	SVE Line 2	SVE Line 3	DTP	DTW	TD
—	—	—	—	—	—

Laboratory Samples Collected
Match names and times from here on labels and chain of custody form

FY Treated Eff (H_2O)	FY Raw (H_2O)	FY Ox Eff (vapor)	FY Comb Inf (vapor)	DTA Eff (vapor)
11:50	11:40	—	—	—

Bottle Kits Remaining: plenty Tedlar Bags Remaining: —

[1]Only found on the oxidizer panel screen
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Former Y O&M

Date:

Time	Compound Vapor Measurements					
	Sample Point	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)	Notes
	SVE 1					
	SVE 2					
	SVE 3					
	Combined Influent					
	Oxidizer Effluent					

		Field Measurements							
		GW Measurements			Vapor Measurements				
Time	Sample Point	Pressure (psi)	Total Flow (gal)	Flow Rate (gpm)		Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)
	RW-1	–	No Flowmeter	–	RW-1-S				
					RW-1-I				
					RW-1-D				
	RW-2		042720		RW-2-S				
					RW-2-I				
					RW-2-D				
	RW-3	0	0450558	0	RW-3-S				
					RW-3-I				
					RW-3-D				
	RW-4	10	0274815	2.29	RW-4-S				
					RW-4-I				
					RW-4-D				
	BW-7R	20	0378341	4.0	BW-7R				
	BW-8				BW-8-S				
					BW-8-I				
					BW-8-D				
	MW-11	0	0336165	0	MW-11				
	MW-12	0	0516066	0	MW-12				
	MW-13	0	0309651	0	MW-13				
	MW-16	0	0288930		MW-16				

Sump Lines (Record Gallons Emptied)				
North Sump (In RW-1)	West Sump (Glasses Parking Lot)		East Sump (Near RW-4)	South Sump (Near Domino's)

[1]Only found on the oxidizer main screen, not the H2K HMI
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Fill out all fields. Enter no reading (NR) or not active (NA) if applicable for each field.

Site: Former Y Station	**Project Number:** DB18.1157
Staff Name: Shannon Ahern	**Date/Time on Site:** 12/14/2025 10:20

Compound Readings

Service Gas Meter (cf): (take photo) ~~H0~~ 10503	**Service Electric Meter (kWh): (take photo)** 68440

Oxidizer [Oxidizer Screen]

Oxidizer Hours[1]	Dilution Valve (%)	Ox Inlet Temp (°F)	Ox Outlet Temp (°F)	NG Valve (%)
8766	100.0	38	50	0.0

DPE Blower Information [HMI Screen]

Vacuum (in H_2O)[2]	Temp (°F)[2]	Flow (SCFM)[2]	Hours[3]	Speed (Hz)[3]
0.1	59.8	249	8762.5	36

Motor Control (Hours)

DTA Blower[3]	Moisture Sep Transfer Pump[3]	Discharge Pump[3]
1206.5	351.5	2186.2

Groundwater Treatment Totals

Flow Total from HMI (gal)	Flow Total from Physical Meter (gal)	Flow Rate from Physical Meter (gpm)
30711 x100	0789493	14.5

Groundwater Well Information [HMI]

Time Recorded	Well	Pump Hours[3]	Well Level (ft abv trs)[5]	Flow Total[4]
11:10	RW-1	3791.6	0.0	315472
	RW-2	2804.9	0.0	83232
	RW-3	5130.0	0.0	426903
	*RW-4	7726.9	27.1	91776555
	* BW-7R	4873.3	26.6	373544
	MW-11	4994.2	0.0	331834
	MW-12	5087.1	0.0	470659
	MW-13	7202.2	21.2	309681
	MW-16	5109.7	31.3	158633

Sump Lines (Record Gallons Emptied)			Product Storage Tank (Measure in ft using interface probe)		
SVE Line 1	**SVE Line 2**	**SVE Line 3**	**DTP**	**DTW**	**TD**
NA	NA	NA	NA	NA	NA

Laboratory Samples Collected
Match names and times from here on labels and chain of custody form

FY Treated Eff (H_2O)	FY Raw (H_2O)	FY Ox Eff (vapor)	FY Comb Inf (vapor)	DTA Eff (vapor)
17:20	16:15	NA	NA	NA

Bottle Kits Remaining: 5 (2 plastic, 1 amber) 7 (*7 vial O&M) kits Tedlar Bags Remaining: 4

[1]Only found on the oxidizer panel screen
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Date:

Compound Vapor Measurements

Time	Sample Point	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)	Notes
	SVE 1					
	SVE 2					
	SVE 3					
	Combined Influent					
	Oxidizer Effluent					

Field Measurements

GW Measurements

Time	Sample Point	Pressure (psi)	Total Flow (gal)	Flow Rate (gpm)
–	RW-1	–	No flowmeter	–
14:28	RW-2	0	0042723	0
14:22	RW-3	0	0450568	0
14:11	*RW-4	10	0314103	~~1.5~~ 2
13:50	*BW-7R	0	0378451	0
	BW-8			
1316	MW-11	0	0336165	0
1334	MW-12	0	0516066	0
1323	MW-13	0	0309651	0
1321	MW-16	0	0288930	0

Vapor Measurements

	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)
RW-1-S				
RW-1-I				
RW-1-D				
RW-2-S				
RW-2-I				
RW-2-D				
RW-3-S				
RW-3-I				
RW-3-D				
RW-4-S				
RW-4-I				
RW-4-D				
BW-7R				
BW-8-S				
BW-8-I				
BW-8-D				
MW-11				
MW-12				
MW-13				
MW-16				

Sump Lines (Record Gallons Emptied)

North Sump (In RW-1)	West Sump (Glasses Parking Lot)		East Sump (Near RW-4)	South Sump (Near Domino's)
–	–		–	–

[1]Only found on the oxidizer main screen, not the H2K HMI
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Fill out all fields. Enter no reading (NR) or not active (NA) if applicable for each field.

Site: Former Y Station	Project Number: DB18.1157
Staff Name: Lallison + taylor busch	Date/Time on Site: 1/02/2026 @ 10:34

Compound Readings

Service Gas Meter (cf): (take photo)	Service Electric Meter (kWh): (take photo)
06931	70906

Oxidizer [Oxidizer Screen]

Oxidizer Hours[1]	Dilution Valve (%)	Ox Inlet Temp (°F)	Ox Outlet Temp (°F)	NG Valve (%)
8766	100.0	53	61	0.0

DPE Blower Information [HMI Screen]

Vacuum (in H_2O)[2]	Temp (°F)[2]	Flow (SCFM)[2]	Hours[3]	Speed (Hz)[3]
0.2"	63.9	254	8762.5	36

Motor Control (Hours)

DTA Blower[3]	Moisture Sep Transfer Pump[3]	Discharge Pump[3]
1636.2	351.5	2197.0

Groundwater Treatment Totals

Flow Total from HMI (gal)	Flow Total from Physical Meter (gal)	Flow Rate from Physical Meter (gpm)
3062100	799400	16.0

Groundwater Well Information [HMI]

Time Recorded	Well	Pump Hours[3]	Well Level (ft abv trs)[5]	Flow Total[4]
11:02	RW-1	3791.6	0.0	315472
	RW-2	2804.9	0.0	83232
	RW-3	5130.0	0.0	426903
	RW-4	8458.9	28.0	930888
	BW-7R	4877.9	26.7	373544
	MW-11	4994.2	0.0	331834
	MW-12	5087.1	0.0	470659 ~~309861~~
	MW-13	7202.2	21.2	309861 ~~158635~~
	MW-16	5109.7	31.3	158633

Sump Lines (Record Gallons Emptied)			Product Storage Tank (Measure in ft using interface probe)		
SVE Line 1	SVE Line 2	SVE Line 3	DTP	DTW	TD
NA	NA	NA	NA	NA	NA

Laboratory Samples Collected
Match names and times from here on labels and chain of custody form

FY Treated Eff (H_2O)	FY Raw (H_2O)	FY Ox Eff (vapor)	FY Comb Inf (vapor)	DTA Eff (vapor)
15:12	14:20	NA	NA	NA

Bottle Kits Remaining: 1 Tedlar Bags Remaining: 4

[1]Only found on the oxidizer panel screen
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Former Y O&M Date:

Compound Vapor Measurements						
Time	Sample Point	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)	Notes
	SVE 1		system off			
	SVE 2					
	SVE 3					
	Combined Influent					
	Oxidizer Effluent					

Field Measurements									
GW Measurements					Vapor Measurements				
Time	Sample Point	Pressure (psi)	Total Flow (gal)	Flow Rate (gpm)		Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)
	RW-1	NA	NA	NA	RW-1-S				
					RW-1-I				
					RW-1-D				
	RW-2	NA	6042700	NA	RW-2-S				
					RW-2-I				
					RW-2-D				
	RW-3	NA	450500	NA	RW-3-S				
					RW-3-I				
					RW-3-D				
	RW-4	NA	0326700	0.9	RW-4-S				
					RW-4-I				
					RW-4-D				
	BW-7R	NA	0378400	NA	BW-7R				
	BW-8				BW-8-S				
					BW-8-I				
					BW-8-D				
	MW-11	NA	0336100	NA	MW-11				
	MW-12	— car parked over —			MW-12				
	MW-13	NA	0309700	NA	MW-13				
	MW-16	NA	288900	NA	MW-16				

system off

Sump Lines (Record Gallons Emptied)				
North Sump (In RW-1)	West Sump (Glasses Parking Lot)		East Sump (Near RW-4)	South Sump (Near Domino's)
NA	NA		NA	NA

[1]Only found on the oxidizer main screen, not the H2K HMI
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

fields. Enter no reading (NR) or not active (NA) if applicable for each field.

ation	Project Number: DB18.1157
Lydia Allison	Date/Time on Site: 1/19/26 4:40 AM

Compound Readings

ice Gas Meter (cf): ake photo)	396071 16931	Service Electric Meter (kWh): (take photo)	1/20: 073739

Oxidizer [Oxidizer Screen]

Oxidizer Hours[1]	Dilution Valve (%)	Ox Inlet Temp (°F)	Ox Outlet Temp (°F)	NG Valve (%)
8766	100	34	31	0.0

DPE Blower Information [HMI Screen]

Vacuum (in H_2O)[2]	Temp (°F)[2]	Flow (SCFM)[2]	Hours[3]	Speed (Hz)[3]
0.2	50.1	268	8762.5	36

Motor Control (Hours)

DTA Blower[3]	Moisture Sep Transfer Pump[3]	Discharge Pump[3]
2044.0	351.5	2210.0

Groundwater Treatment Totals

Flow Total from HMI (gal)	Flow Total from Physical Meter (gal)	Flow Rate from Physical Meter (gpm)
30951	811400	NA

Groundwater Well Information [HMI]

Time Recorded	Well	Pump Hours[3]	Well Level (ft abv trs)[5]	Flow Total[4]
	RW-1	3791.6	0.0	315472
	RW-2	2804.9	0.0	83232
	RW-3	5130.0	0.0	426903
	RW-4	8564.1	29.9	953041
	BW-7R	4878.1	26.4	373544
	MW-11	4994.2	0.0	331834
	MW-12	5087.1	0.0	470659
	MW-13	7202.2	21	309681
	MW-16	5109.7	31.1	158633

Sump Lines (Record Gallons Emptied)			Product Storage Tank (Measure in ft using interface probe)		
SVE Line 1	SVE Line 2	SVE Line 3	DTP	DTW	TD
NA	NA	NA	NA	NA	NA

Laboratory Samples Collected

Match names and times from here on labels and chain of custody form

FY Treated Eff (H_2O)	FY Raw (H_2O)	FY Ox Eff (vapor)	FY Comb Inf (vapor)	DTA Eff (vapor)
12:19	11:17	NA	NA	NA

Bottle Kits Remaining: 10 to 5 Tedlar Bags Remaining: 4

[1]Only found on the oxidizer panel screen
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Former Y O&M

Date:

Time	Sample Point	Compound Vapor Measurements				
		Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)	
	SVE 1			SVE system oss		N
	SVE 2					
	SVE 3					
	Combined Influent					
	Oxidizer Effluent					

Time	Sample Point	GW Measurements			Field Measurements				
		Pressure (psi)	Total Flow (gal)	Flow Rate (gpm)		Vapor Measurements			
						Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)
	RW-1	NA	NA	NA	RW-1-S				
					RW-1-I				
					RW-1-D				
	RW-2	NA	0042723	NA	RW-2-S				
					RW-2-I				
					RW-2-D				
	RW-3	NA	0450568	NA	RW-3-S				
					RW-3-I				
					RW-3-D				
	* RW-4	NA	0349085	0,9	RW-4-S				
					RW-4-I				
					RW-4-D				
	BW-7R	NA	0378476	NA	BW-7R				
	BW-8				BW-8-S				
					BW-8-I				
					BW-8-D				
	MW-11	NA	0336165	NA	MW-11				
	MW-12	NA	0516066	NA	MW-12				
	MW-13	NA	0309651	NA	MW-13				
	MW-16	NA	0288730	NA	MW-16				

SVE system oss

Sump Lines (Record Gallons Emptied)				
North Sump (In RW-1)	West Sump (Glasses Parking Lot)		East Sump (Near RW-4)	South Sump (Near Domino's)

[1]Only found on the oxidizer main screen, not the H2K HMI
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Fill out all fields. Enter no reading (NR) or not active (NA) if applicable for each field.

Site: Former Y Station	**Project Number:** DB18.1157
Staff Name: LA + SA	**Date/Time on Site:** 2/06/2026 @ 12:00

Compound Readings

Service Gas Meter (cf): (take photo) 10171	**Service Electric Meter (kWh): (take photo)** 77793

Oxidizer [Oxidizer Screen]

Oxidizer Hours[1]	Dilution Valve (%)	Ox Inlet Temp (°F)	Ox Outlet Temp (°F)	NG Valve (%)
8867	0.0	648	602	24.3

DPE Blower Information [HMI Screen]

Vacuum (in H_2O)[2]	Temp (°F)[2]	Flow (SCFM)[2]	Hours[3]	Speed (Hz)[3]
60.8	102.8	767	8863.0	44

Motor Control (Hours)

DTA Blower[3]	Moisture Sep Transfer Pump[3]	Discharge Pump[3]
2472.4	351.6	2227.8

Groundwater Treatment Totals

Flow Total from HMI (gal)	Flow Total from Physical Meter (gal)	Flow Rate from Physical Meter (gpm)
3113200	0828700	20

Groundwater Well Information [HMI]

Time Recorded	Well	Pump Hours[3]	Well Level (ft abv trs)[5]	Flow Total[4]
	RW-1	3840.6	22.3	321097
	RW-2	2805.0	NA	83234
	RW-3	5176.1	24.3	435708
	RW-4	8900.9	30.5	969584
	BW-7R	4879.4	26.4	373544
	MW-11	5000.1	23.6	332118
	MW-12	5090.5	22.5	470902
	MW-13	7202.3	NA	309681
	MW-16	5109.7	NA	158633

Sump Lines (Record Gallons Emptied)			Product Storage Tank (Measure in ft using interface probe)		
SVE Line 1	SVE Line 2	SVE Line 3	DTP	DTW	TD
NA	NA	NA	NA	NA	NA

Laboratory Samples Collected
Match names and times from here on labels and chain of custody form

FY Treated Eff (H_2O)	FY Raw (H_2O)	FY Ox Eff (vapor)	FY Comb Inf (vapor)	DTA Eff (vapor)
NA	NA	NA	NA	NA

Bottle Kits Remaining: lots Tedlar Bags Remaining: 4

[1]Only found on the oxidizer panel screen
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Former Y O&M Date:

Compound Vapor Measurements

Time	Sample Point	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)	Notes
13:30	SVE 1	405.7	614.80	1761	NA	~~water in~~ all lines following increase ~~water in the line~~ increased system vac.
13:30	SVE 2	~~405.7~~			~~44.4~~ NA	
13:30	SVE 3	53.4	1.12	51	~~46.5~~ NA	
14:30	Combined Influent	176.5			58.3	
14:36	Oxidizer Effluent	120.3				

Field Measurements

Time	Sample Point	GW Measurements: Pressure (psi)	GW Measurements: Total Flow (gal)	GW Measurements: Flow Rate (gpm)	Vapor Measurements	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)
13:01	RW-1	49	0005600	0.98	RW-1-S				
					RW-1-I				
					RW-1-D				
—	RW-2	NA ~~100~~	42700	Not on	RW-2-S		NM		
					RW-2-I				
					RW-2-D				
12:52	RW-3	5	0459000	3.0	RW-3-S				
					RW-3-I				
					RW-3-D				
~~12:30~~ NA	RW-4	30	3656003	~~3.75~~ NA 2.3	RW-4-S	~~4~~ 5.6	76.76	3518	43.4
					RW-4-I	5.1	64.20	2943	42.6
					RW-4-D	560.4	62.18	2850	41.7
—	BW-7R	NA	378400	Not on	BW-7R				
—	BW-8				BW-8-S				
					BW-8-I				
					BW-8-D		NM		
12:25	MW-11	0	0336300	0.9~~88~~	MW-11				
14:15	MW-12	~~15~~ 105	516200	1.20	MW-12				
—	MW-13	NA	309700	Not on	MW-13				
—	MW-16	NA	288900	Not on	MW-16				

Sump Lines (Record Gallons Emptied)

North Sump (In RW-1)	West Sump (Glasses Parking Lot)		East Sump (Near RW-4)	South Sump (Near Domino's)
NA	NA	~~NA~~	NA	NA

[1]Only found on the oxidizer main screen, not the H2K HMI
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Fill out all fields. Enter no reading (NR) or not active (NA) if applicable for each field.

Site: Former Y Station	Project Number: DB18.1157
Staff Name: ~~LA~~ + TB	Date/Time on Site: 2-11-26

Compound Readings

Service Gas Meter (cf): (take photo) 1547	Service Electric Meter (kWh): (take photo) ~~80368~~ ~~89~~ 80368

Oxidizer [Oxidizer Screen]

Oxidizer Hours[1]	Dilution Valve (%)	Ox Inlet Temp (°F)	Ox Outlet Temp (°F)	NG Valve (%)
~~6282~~ 8983	0.0	648	588	22.1

DPE Blower Information [HMI Screen]

Vacuum (in H_2O)[2]	Temp (°F)[2]	Flow (SCFM)[2]	Hours[3]	Speed (Hz)[3]
60.2	101.7	773	8978.2	44

Motor Control (Hours)

DTA Blower[3]	Moisture Sep Transfer Pump[3]	Discharge Pump[3]
2587.5	353.8	2268.6

Groundwater Treatment Totals

Flow Total from HMI (gal)	Flow Total from Physical Meter (gal)	Flow Rate from Physical Meter (gpm)
3153000	867500	15

Groundwater Well Information [HMI]

Time Recorded	Well	Pump Hours[3]	Well Level (ft abv trs)[5]	Flow Total[4]
10:00	RW-1	3956.4	21.8	328368
	RW-2	2805.0	0.0	83234
	RW-3	5291.9	23.7	458985
	RW-4	9016.0	29.3	978474
	BW-7R	4879.4	25.6	373544
	MW-11	5115.8	21.9	338738
	MW-12	5206.3	21.1	479246
	MW-13	7202.3	0.0	309681
	MW-16	5109.7	0.0	158633

Sump Lines (Record Gallons Emptied)			Product Storage Tank (Measure in ft using interface probe)		
SVE Line 1	SVE Line 2	SVE Line 3	DTP	DTW	TD
0	0	~~2.5~~ 5			

Laboratory Samples Collected
Match names and times from here on labels and chain of custody form

FY Treated Eff (H_2O)	FY Raw (H_2O)	FY Ox Eff (vapor)	FY Comb Inf (vapor)	DTA Eff (vapor)
14:53	14:45	14:24	14:15	14:32

Bottle Kits Remaining: 10ts Tedlar Bags Remaining: 4

[1]Only found on the oxidizer panel screen
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Former Y O&M

Date:

Compound Vapor Measurements

Time	Sample Point	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)	Notes
13:37	SVE 1	396	721.61	2067	50.8	
14:10	SVE 2	10.1	- water in	line —	52.8	[redacted] water in line
14:04	SVE 3	13.1	2.48	114	51.0	
14:14	Combined Influent	278.0	- water in	line —	52.6	water in line
14:32	Oxidizer Effluent	115.1				

Field Measurements

GW Measurements

Time	Sample Point	Pressure (psi)	Total Flow (gal)	Flow Rate (gpm)
09:09	RW-1	60	14400	1.0
08:50	RW-2	NA	42700	NA
	RW-3	7	NR	3.0
10:35	RW-4	55	376600	1.0
10:22	BW-7R	NA	378400	NA
08:38	BW-8			
09:58	MW-11	0	344400	1.0
10:11	MW-12	110	526300	1.2
15:44	MW-13	NA	309700	NA
15:54	MW-16	NA	0288900	NA

Vapor Measurements

	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)
RW-1-S	205.4	63.62	2916	35.9
RW-1-I	295.0	44.12	2022	37.0
RW-1-D	356.8	65.85	3018	36.7
RW-2-S	NA	NA	NA	NA
RW-2-I	NA	NA	NA	NA
RW-2-D	NA	NA	NA	NA
RW-3-S	34-5	56.01	2567	42.9
RW-3-I	5-7	42.16	1933	43.0
RW-3-D	1099	68.64	3146	42.9
RW-4-S	14.1	75.44	3458	47.5
RW-4-I	19.6	60.95	2794	46.0
RW-4-D	850.2	62.03	2843	45.6
BW-7R	6.7	92.68	4248	41.9
BW-8-S	33.9	78.96	36.19	36.2
BW-8-I	5.7	57.22	26.23	36.3
BW-8-D	696.1	NA ~~78.96~~	~~36.19~~ NA	36.2
MW-11	14.8	75.60	3465	48.8
MW-12	8.6	71.59	3281	43.4
MW-13	NA	NA	NA	NA
MW-16	4.5	120.59	5528	35.5

Sump Lines (Record Gallons Emptied)

North Sump (In RW-1)	West Sump (Glasses Parking Lot)	East Sump (Near RW-4)	South Sump (Near Domino's)
NA	NA	5	10

2/12

2/11

[2] on the oxidizer main screen, not the H2K HMI
[3] ter Information screen

[3] Motor Control screen (1, 2, or 3)
[4] Flow Totals

[5] Well Level Information
[6] Record old Pulsafeeder and new meter

Fill out all fields. Enter no reading (NR) or not active (NA) if applicable for each field.

Site: Former Y Station	Project Number: DB18.1157
Staff Name: L. Allison	Date/Time on Site: 2/23/26 @ 07:58

Compound Readings

Service Gas Meter (cf): (take photo)	28011	Service Electric Meter (kWh): (take photo)	087466

Oxidizer [Oxidizer Screen]

Oxidizer Hours[1]	Dilution Valve (%)	Ox Inlet Temp (°F)	Ox Outlet Temp (°F)	NG Valve (%)
9270	0.0	652	598	23.1

DPE Blower Information [HMI Screen]

Vacuum (in H_2O)[2]	Temp (°F)[2]	Flow (SCFM)[2]	Hours[3]	Speed (Hz)[3]
63.2	106.7	756	9264.4	44

Motor Control (Hours)

DTA Blower[3]	Moisture Sep Transfer Pump[3]	Discharge Pump[3]
2875.1	355.2	2354.5

Groundwater Treatment Totals

Flow Total from HMI (gal)	Flow Total from Physical Meter (gal)	Flow Rate from Physical Meter (gpm)
3234800	09469000	16.2

Groundwater Well Information [HMI]

Time Recorded	Well	Pump Hours[3]	Well Level (ft abv trs)[5]	Flow Total[4]
	RW-1	4245.3	22.1	343954
	RW-2	2805.0	~~22.1~~ 10.0	83234
	RW-3	5580.8	24.0	526983
	RW-4	9303.4	31.1	983257
	BW-7R	4879.4	0.0	373544
	MW-11	5404.7	24.0	353218
	MW-12	5495.2	22.5	503594
	MW-13	7202.3	0.0	309681
	MW-16	5109.7	0.0	158633

Sump Lines (Record Gallons Emptied)			Product Storage Tank (Measure in ft using interface probe)		
SVE Line 1	SVE Line 2	SVE Line 3	DTP	DTW	TD
0	0	0	NM	NM	NM

Laboratory Samples Collected
Match names and times from here on labels and chain of custody form

FY Treated Eff (H_2O)	FY Raw (H_2O)	FY Ox Eff (vapor)	FY Comb Inf (vapor)	DTA Eff (vapor)
13:39	13:26	12:10	12:06	—

Bottle Kits Remaining: 105 Tedlar Bags Remaining: 4

[1]Only found on the oxidizer panel screen
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Former Y O&M Date:

Compound Vapor Measurements

Time	Sample Point	Concentration (ppm)	Air Flow (scfm)	Velocity (fps)	Vacuum (in H_2O)	Notes
11:41	SVE 1	308.8	852.25	2442	57.4	
11:52	SVE 2	26.6	309.64	3548	57.2	
N/A	SVE 3					closed
12:05	Combined Influent	267.2	1050.89	3011	58.5	
12:09	Oxidizer Effluent	103.4				

Field Measurements

	Time	Sample Point	GW Measurements: Pressure (psi)	GW Measurements: Total Flow (gal)	GW Measurements: Flow Rate (gpm)		Vapor Measurements: Concentration (ppm)	Vapor Measurements: Air Flow (scfm)	Vapor Measurements: Velocity (fps)	Vapor Measurements: Vacuum (in H_2O)
	08:30	RW-1	61	29600	0.86	RW-1-S	219.1	60.14	2756	31.8
						RW-1-I	420.7	61.9	1764	32.9
						RW-1-D	690.2	66.14	3031	32.7
2/24	07:40	RW-2	NA	42700	NA	RW-2-S		not on		
						RW-2-I				
						RW-2-D				
	15:48	RW-3	60 ~~+0~~	551800	~~3.4~~ ~~3.0~~	RW-3-S	1.5	46.02	2109	38.1
						RW-3-I	55.2	38.36	1758	38.3
						RW-3-D	923.7	62.52	2866	38.3
2/24	15:03	RW-4	20	379300	3	RW-4-S	16.4	68.96	3161	40.2
						RW-4-I	9.2	62.80	2878	38.9
						RW-4-D	721.9	62.68	2873	38.7
	12:54	BW-7R	0	0378400	NA	BW-7R	to missing well cap		SVE closed ave	
2/24	08:00 ±	BW-8				BW-8-S	32.4	72.61	3328	32.5
						BW-8-I	74.1	48.83	2238	32.4
						BW-8-D	446.4	Issues with VelociCalc Bolt		32.4
	12:31	MW-11	0	0357500	0.63	MW-11	6.6	59.99	2750	50.0
	15:56	MW-12	79	0549300	1.5	MW-12	8.7	68.46	3138	43.9
16:05	~~15:50~~	MW-13	0	0309700	NA	MW-13	~~t~~	~~120.37~~	~~5517~~	—
	12:45	MW-16	0	~~0220900~~ 0288900	NA	MW-16	4.3	120.37	5517	44.3

Sump Lines (Record Gallons Emptied)

North Sump (In RW-1)	West Sump (Glasses Parking Lot)		East Sump (Near RW-4)	South Sump (Near Domino's)
0	0		0	0

[1]Only found on the oxidizer main screen, not the H2K HMI
[2]Process Transmitter Information screen
[3]Motor Control screen (1, 2, or 3)
[4]Flow Totals
[5]Well Level Information
[6]Record old Pulsafeeder and new meter

Rev. 8 (6/17/2024)

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Pumping Conditions
GROUNDWATER ELEVATION DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
Date: 1/19/2026
Sheet # 1 of 2

Well ID	Depth to NAPL	Depth to Water	Total Depth	Comments
BW-4	—	333.55	352.65	
BW-5	—	333.23	346.05	
BW-6	—	334.21	356.9	
BW-7	—	332.44	340.8	
BW-8	—	332.22	337.92	
BW-9	—	332.84	351.89	
BW-10		330.59	355.5	
MW-14	—	327.39	352.70	
MW-15	—	325.4	355.9	
MW-17	—	331.82	360.55	

Comments:

only had water level meter; could not measure NAPL

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Pumping Conditions
GROUNDWATER ELEVATION DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
Date: 1/19/2026
Sheet # 2 of 2
@ 11:59

Well ID	Transducer Set Pt	Transducer Level (WL above transducer)	Depth to water (set pt – Lvl)	Comments
BW-7R	359.0	26.4	332.6	
RW-1	357.5	NA	—	
RW-2	359.85	NA	—	
RW-3	365.5	NA	—	
RW-4	365.5	29.7	335.8	
MW-11	358.5	NA	—	
MW-12	357.7	NA	—	
MW-13	348.0	21.0	327.0	
MW-16	358.0	31.1	326.9	

Comments:

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GROUNDWATER METER CALIBRATION SHEET

Project Name: Former Y Sampler: L.allison

Project #: DB18.1157 Date: 1/20/2026 @ 7:41

Project Manager: g. herrmann

pH	Temp (°C)	Comments
4.07/4.01 (4)	0.4	was frozen ↓
6.88/7.12 (7)	1.4	
10.35/10.26 (10)	4.8	
SpCon (µs/cm)	Temp (°C)	Comments
1413 (1413)	1.2	
ORP (mv)	Temp (°C)	Comments
237	8.0	
Dissolved O_2	Temp (°C)	Comments
87.0 (%)	2.5	
— (mg/L)	—	failed
Pressure	Temp (°C)	Comments
661.5 (mmHg)	2.5	

Comments:

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Static Conditions
GROUNDWATER ELEVATION DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
Date: 1/20/2026
Sheet # 1 of 2

Well ID	Depth to NAPL	Depth to Water	Total Depth	Comments
BW-4	—	333.46	351	
BW-5	—	333.10		
BW-6	—	334.00		
BW-7	—	333.32		
BW-8	—	332.13	352.1	
BW-9	—	332.68		
BW-10	—	330.439		
MW-14	—	323.02		
MW-15	—	327.23		
MW-17	—	333.64	360	

Comments:

only had water level meter; could not measure NAPL

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Static Conditions
GROUNDWATER ELEVATION DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
Date: 1/20/2026
Sheet # 2 of 2

Well ID	Transducer Set Pt	Transducer Level (WL above transducer)	Depth to water (set pt – Lvl)	Comments
BW-7R	359.0	22.1	336.9	
RW-1	357.5	NA	–	
RW-2	359.5	NA	–	
RW-3	365.5	NA	–	
RW-4	365.5	29.1	336.4	
MW-11	358.5	NA	–	
MW-12	357.7	NA	–	
MW-13	348.0	21.2	326.8	
MW-16	358.0	31.3	326.7	

Comments:

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: Ligillison
HS Deploy Date/Time: ~~1/19~~ 4/19 @ 7:54
Sample Data/Time: 1/20 @ 8:38

Well #: BW-4
Well Diameter: 4 (inches)
Depth to Water: 333.55 (feet btoc)
Total Depth of Well: 352.65 (feet)

Height of Water Column: 19.1 (feet)
Sample Method: hydrosleeve
HS Set Point: 339 feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
		not recorded			

Sample Description:

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):
used hydrosleeve - GSH130

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
HS Deploy Date/Time: 1/19 @ 8:46
Sample Data/Time: 1/20 @ 9:54

Well #: BW-5
Well Diameter: 4 (inches)
Depth to Water: 333.23 (feet btoc)
Total Depth of Well: 346.05 (feet)

Height of Water Column: 12.82 (feet)
Sample Method: hydrosleeve
HS Set Point: 345 feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.46	15.6	827	-78.9	15.4	clear

Sample Description:

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):
used hydrosleeve # GSH130

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
HS Deploy Date/Time: 1/19 @ 8:26
Sample Data/Time: NA

Well #: BW-7
Well Diameter: – (inches)
Depth to Water: 332.44 (feet btoc)
Total Depth of Well: 340.8 (feet)

Height of Water Column: 8.36 (feet)
Sample Method: hydrosleeve
HS Set Point: – feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
		dry			

Sample Description: no water collected in hydrosleeve

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):
used hydrosleeve: GSH130

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: S. ahern
HS Deploy Date/Time: NA
Sample Data/Time: 1/20/26 11:54

Well #: BW-7R
Well Diameter: — (inches)
Depth to Water: — (feet btoc)
Total Depth of Well: — (feet)

Height of Water Column: — (feet)
Sample Method: tap/grab
HS Set Point: — feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.50	17.6	833	140.0	4.61	—

Sample Description: _____

Physical Observations: _____

Analytical Method(s): _____

Other notes (well condition, difficulties, corrective actions):

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
HS Deploy Date/Time: 1/19 @ 8:08
Sample Data/Time: 1/20 @ 8:56

Well #: BW-8
Well Diameter: — (inches)
Depth to Water: 332.22 (feet btoc)
Total Depth of Well: 337.92 (feet)

Height of Water Column: 5.7 (feet)
Sample Method: hydrosleeve
HS Set Point: 340.5 feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.29	14.0	1029	-301.3	1.56	clear

Sample Description: black specks

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):
used hydrosleeve : GSH130

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. allison
HS Deploy Date/Time: NA
Sample Data/Time: 1/20 @ 12:08

Well #: MW-12
Well Diameter: — (inches)
Depth to Water: — (feet btoc)
Total Depth of Well: — (feet)

Height of Water Column: — (feet)
Sample Method: tap/grab
HS Set Point: — feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.24	19.6	802	-147.3	1.94	clear

Sample Description:

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
HS Deploy Date/Time: NA
Sample Data/Time: 1/20 @ 11:08

Well #: MW-13
Well Diameter: — (inches)
Depth to Water: — (feet btoc)
Total Depth of Well: — (feet)

Height of Water Column: — (feet)
Sample Method: tap/grab
HS Set Point: — feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.33	17.6	810	-124.5	1.32	clear

Sample Description:

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: Gallison
HS Deploy Date/Time: 1/19 @ 9:18
Sample Data/Time: 1/20 @ 10:22

Well #: MW-14
Well Diameter: — (inches)
Depth to Water: 325.4 (feet btoc)
Total Depth of Well: ~~359~~ 355.9 (feet)

Height of Water Column: 30.5 (feet)
Sample Method: hydrosleeve
HS Set Point: 338 feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
8.09	14.7	648	46.2	7.12	clear

Sample Description:

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):
used hydrosleeve: 6STMW-12 x2 (glassy chained per SOP)

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L.Allison
HS Deploy Date/Time: 1/19 @ 9:35
Sample Data/Time: 1/20 @ 10:36

Well #: MW-15
Well Diameter: 5 (inches)
Depth to Water: 327.39 (feet btoc)
Total Depth of Well: 352.7 (feet)

Height of Water Column: 25.31 (feet)
Sample Method: hydrosleeve
HS Set Point: 341.3 feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.8	16.0	670	73.9	2.89	clear

Sample Description:

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):
used hydrosleeve: GSH111-12 x2, daisy chained per SOP

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
HS Deploy Date/Time: 1/19 @ 7:09
Sample Data/Time: 1/20 @ 8:32

Well #: MW-17
Well Diameter: 4 (inches)
Depth to Water: 331.82 (feet btoc)
Total Depth of Well: 360.55 (feet)

Height of Water Column: 28.73 (feet)
Sample Method: hydrosleeve
HS Set Point: 346.25 feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.63	8.7	646	228.8	6.48	clear

Sample Description: clear + odorless

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):
used hydrosleeve = GSH130

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. allison
HS Deploy Date/Time: NA
Sample Data/Time: 1/20 @ 11:21

Well #: RW-4
Well Diameter: — (inches)
Depth to Water: — (feet btoc)
Total Depth of Well: — (feet)

Height of Water Column: — (feet)
Sample Method: tap/grab
HS Set Point: — feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.44	20.1	770	-141.3	1.83	clear

Sample Description:

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):

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GROUNDWATER METER CALIBRATION SHEET

Project Name: Formery
Sampler: L.allison
Project #: DB18.1157
Date: 2/12/2026
Project Manager: g.herrmann

pH	Temp (°C)	Comments
4.00/4.00 (4)	19.9	
7.014/7.00 (7)	20.83	
10.08/10.0 (10)	21.30	
SpCon (µs/cm)	Temp (°C)	Comments
1413 (1413)	20.46	
ORP (mv)	Temp (°C)	Comments
222.5	18.79	
Dissolved O_2	Temp (°C)	Comments
99.5 (%)	17.4	
8.26 (mg/L)	& 16.82	looked up standard DI DO conc.
Pressure	Temp (°C)	Comments
764.0 (mmHg)	17.34	

Comments:

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: _____
HS Deploy Date/Time: NA
Sample Data/Time: ~~12~~ 2/12 09:32

Well #: RW-1
Well Diameter: _____(inches)
Depth to Water: _____(feet btoc)
Total Depth of Well: _____(feet)

Height of Water Column: _____(feet)
Sample Method: ~~tap~~
HS Set Point: _____feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
~~6.8~~ 7.42	22.11	1076	-35.8	4.60	clear

Sample Description: no suspended particles or ~~ord~~ odor

Physical Observations: _____

Analytical Method(s): _____

Other notes (well condition, difficulties, corrective actions):

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: _____
HS Deploy Date/Time: 2/11 @ 8:45
Sample Data/Time: 2/12 @ 8:45

Well #: RW-2
Well Diameter: _____(inches)
Depth to Water: 333.96 (feet btoc)
Total Depth of Well: _____(feet)

Height of Water Column: _____(feet)
Sample Method: hydrosleeve
HS Set Point: 352 feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
6.43	18.25	1098	-151.9	11.0	Clear

Sample Description: Clear with black specks and strong odor.

Physical Observations: _____

Analytical Method(s): _____

Other notes (well condition, difficulties, corrective actions):
used hydrosleeve: GSH130

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: _____
HS Deploy Date/Time: NA
Sample Data/Time: 2/12/26 @ 14:26

Well #: RW-3
Well Diameter: _____(inches)
Depth to Water: _____(feet btoc)
Total Depth of Well: _____(feet)

Height of Water Column: _____(feet)
Sample Method: tap
HS Set Point: _____feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.2	20.7	995	-78.2	2.5	Clear

Sample Description: no odor, no suspended solids, clear

Physical Observations: _____

Analytical Method(s): _____

Other notes (well condition, difficulties, corrective actions):

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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: _____
HS Deploy Date/Time: NA
Sample Data/Time: 2/12/26 @ 9:58

Well #: MW-11
Well Diameter: _____(inches)
Depth to Water: _____(feet btoc)
Total Depth of Well: _____(feet)

Height of Water Column: _____(feet)
Sample Method: tap
HS Set Point: _____feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.06	20.14	1187	-69.5	2.66	clear

Sample Description: clear no suspended particles no odor

Physical Observations: _____

Analytical Method(s): _____

Other notes (well condition, difficulties, corrective actions):

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GROUNDWATER METER CALIBRATION SHEET

Project Name: Former Y
Sampler: L. allison
Project #: DB18.1157
Date: 02/23/2026
Project Manager: g. herrmann

pH	Temp (°C)	Comments
3.98/4.00 (4)	4.9	
6.94/7.06 (7)	6.3	
10.25/10.25 (10)	5.8	
SpCon (µs/cm)	Temp (°C)	Comments
1413 (1413)	4.8	
ORP (mv)	Temp (°C)	Comments
235	3.6	
Dissolved O_2	Temp (°C)	Comments
87.0 (%)	4.0	
— (mg/L)	—	calibration failed
Pressure	Temp (°C)	Comments
661.0 (mmHg)	3.8	

Comments:

DBS&A
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GROUNDWATER MONITORING DATA SHEET

Project Name: Former Y Station
Project #: DB18.1157
Project Manager: G. Herrmann

Sampler: L. Allison
HS Deploy Date/Time: 2/13
Sample Data/Time: 2/23 @ 8:49

Well #: MW-16
Well Diameter: 5 (inches)
Depth to Water: 335.65 (feet btoc)
Total Depth of Well: 348.45 (feet)

Height of Water Column: ~~550~~ 12.8 (feet)
Sample Method: hydrosleeve
HS Set Point: ~~350~~ 340 feet btoc

Groundwater Parameters:

pH	Temp (°F)	Conductivity (µS/cm)	ORP (mv)	D.O. (mg/L)	Turbidity (NTU)
7.10	7.9	5689	29.6	1.8	sandy

Sample Description: the hydrosleeve was covered in sand when it was removed. there ~~are~~ is some suspended sand in the samples. About 2 inches of sand in hydrosleeve

Physical Observations:

Analytical Method(s):

Other notes (well condition, difficulties, corrective actions):
DO in mg/L could not be calibrated

Formerly O&M-Clovis, NM

11/17/25 S.A.

Shannon Ahern

8:26 → Arrive on site.

8:44 → Recording HMI values

10:00 → Begin GW Measurements

GW Measurements (order)

(1) MW-13 → turned off pump

(2) MW-11

(3) MW-16

(4) MW-12

(5) BW-7R

(6) RW-4

(7) RW-3

(8) RW-2

11:27 → done GW Measurements.

11:33 → Begin sample collection

11:50 → collect "FY Treated Eff"

7-40ml, 2-plastic, 1-Amber

12:00 → check inf → not flowing

12:15 → check BW-7R & MW-4 to ensure pumping & flow → both working

12:30 → unclog influent pipe

12:50 → collect "FY RAW"

7-40ml, 2-plastic, 1-Amber

13:30 Kit inventory

- 10 (2 plastic, 1 Amber kit)
- 10 (7-40ml kits)
- 5 Tedlar bags

13:45 locked up & offsite

S.A.

12/03/25 Former Y Station BC

11:10 BC onsite, Purpose: O&M.
Weather, 47°F Partly Cloudy & Breezy.

11:15 Begin Recording System Info.
Collected Water Samples.
RW-4 Flowmeter was stopped-up with Bacteria. Disconnected and washed out @ Dominos.
Reconnected to well, Flow now showing.
Noticed 2 pin-Hole Leaks in Tubing @ BW-7R, called Grace and Decided to Turn off pump.
Flipped switch to off inside Vault.

14:23 Completed O&M. Locked & Secured Site.
All Samples on Ice, BC offsite.

12/3/25
BC

1/02/2026 Former Y LA/TB

10:34 LA + TB onsite. purpose: O&M
Weather: 61°F, windy

10:40 started O+M sheet.

11:11 started going to each well to record flow meter.

11:32 RW-2 hole in annulus reappeared. called grace to inform about issue. measured hole, 56" bgs. going to call yellowjacket on monday.

11:44 RW-4 hole in annulus reappeared. Hole is 71 inches bgs.

12:02 flow meter wasn't working when pump was on. disconnected flow meter. TB went to harbor freight to get screwdriver to remove magnet switch. tryed to clean out flow meter with paper towels.

13:08 tried to clean out the flowmeter at dominos spiket. Black and brown chunks came out. Still got minimal flow. then went to Allsups to buy plastic bottles with nipple lid to try and flush out more clumps. Two more large chunks came out. Reinstalled flow meter at well. Got a flow of 0.9 gpm. Called grace to discuss options. Flow rate has been dropping since well cleaning. Has been a quarter since the cleaning. Grace said to leave well on, will discuss on monday.

13:15 LA + TB offsite for lunch.

13:45 LA + TB back onsite. started at RW-7R

14:20 sampled FY Raw @ 14:20. called grace to confirm that we should wait to collect effluent. conclusion: yes wait. can turn on other wells with leaking issues to speed process up.

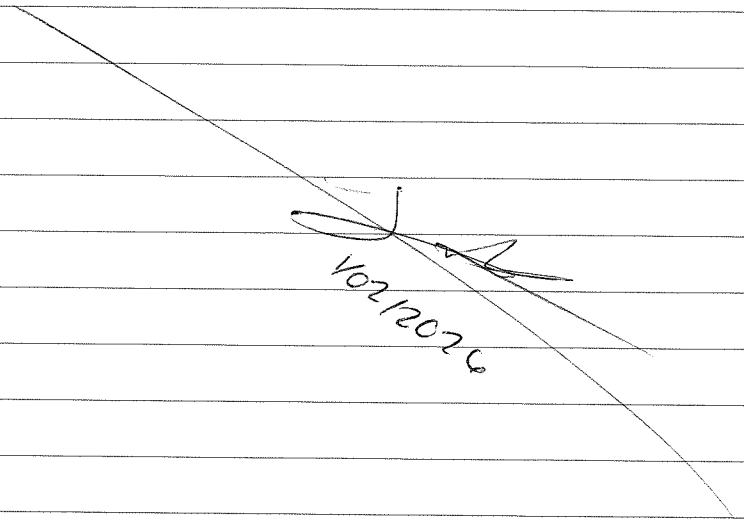
1/02/2026 Former Y LA/TB

14:50 turned on BW-7R to allow more flow into the groundwater system

15:12 collected FY treated ESS sample @ 15:12 . Turned off BW-7R

15:23 called grace to check is there is anything else — grabbed pressure Bungs switch to bring back to the office.

15:49 couldn't get lock on gate to move. LA went to harbor freight to buy new lock. placed new lock on SLE container and switched with gate. Site locked and secured. LA + TB offsite



1/19/2026 Former Y Station UA/LD/SK/SA

06:39	UA, LD, SA, and SK onsite, purpose: GWM. weather: cloudy, 26°F
06:44	completed safety meeting and mobilized to MW-17.
07:09	recorded MW-17 water level and deployed hydrosleeve. mobilized to BW-4
07:28	water meter read a water level of 280 ft bgs, which was drastically different from historical data. SA and SK offsite to buy a new battery.
07:325	SA and SK back onsite. Replaced water meter battery. the meter was still measuring water at 280 ft bgs. Reduced the meter's sensitivity to not sense moisture in the well.
07:54	recorded a water level in BW-4 around 330 ft bgs and deployed hydrosleeve. mobilized to BW-8.
08:08	recorded BW-8 water level and deployed hydrosleeve. mobilized to BW-7.

1/19/2026 Former Y Station LA/SA/SK/LD

08:26 recorded BW-7 water level and deployed hydrosleeve. mobilized to BW-5.

08:46 recorded BW-5 water level and deployed hydrosleeve. mobilized to MW-14.

09:05 all other hydrosleeves onsite have too small of volumes to successful take samples. Attempted to daisy chain two sleeves. called Grace to get the hydrosleeve SOP. LA and LD left to the compound to get extra tether.

09:18 LA and LD back to MW-14. adjusted daisy chain per SOP. recorded MW-14 water level and deployed hydrosleeve. mobilized to MW-15.

09:35 recorded MW-15 water level and deployed hydrosleeves per SOP. mobilized to BW-6.

09:50 recorded BW-6 water level and mobilized to BW-9.

10:08 recorded BW-9 ~~hydrosleeve~~ a water level and mobilized to BW-10.

1/19/2026 Former Y Station LA/SA/SK/LD

10:18 recorded BW-10 water level.

10:35 split up to take O+M groundwater samples and record flow meter readings in vaults. LA to compound for samples.

11:14 SA called to confirm RW-4 flow rate. sent them back to remeasure rate.

11:17 FY Raw sample collected

11:21 SA called to confirm RW-4 new flow rate of 0.9 gpm

11:22 called Grace to discuss work left for today and if a specific type of gravel is needed to fill the holes at RW-2 and RW-4. No specific kind of gravel.

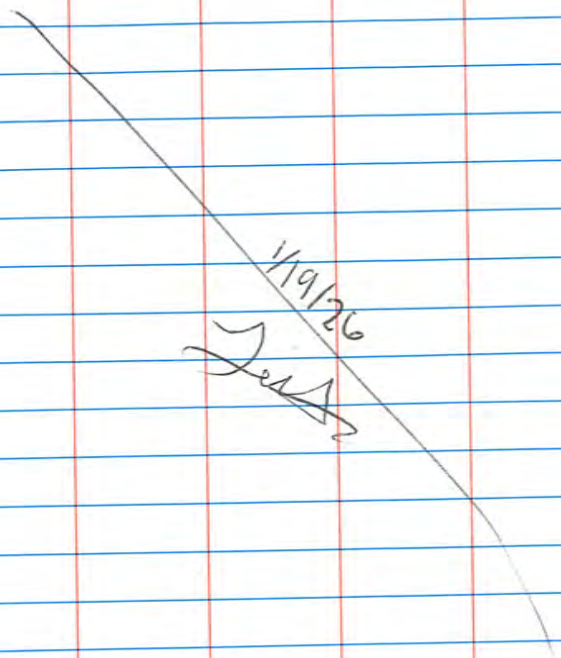
11:35 SA, SK, LD offsite to buy gravel. organized sample kits and removed old ones from site (to be returned to eurofins).

11:59 recorded pumping transducer levels for GWM. holes at RW-2 and RW-4 filled.

1/19/2026 Former Y Station LA/SA/SK/LD

12:19 collected FY treated ~~e~~ sample. SA, SK, LD back onsite

12:30 site locked and secured. All offsite.



1/20/2026 Former Y Station LA/SA/SK/LD

07:00 @ LA, LD, SA, SK onsite, purpose: GWM. Weather: 18°F, partly sunny

07:35 ~~AAO~~ safety meeting. mobilized to MW-17. Attempted to calib. YSI but all calib. equiptment frozen. started thawing.

08:00 continuing to thaw equiptment.

08:21 collected sample from MW-17 hydrosleeve and measured water level.

08:26 mobilized to BW-4.

08:38 pulled up BW-4 hydrosleeve. hydrosleeve was half filled. collected sample from BW-4 and measured water level. mobilized to BW-8.

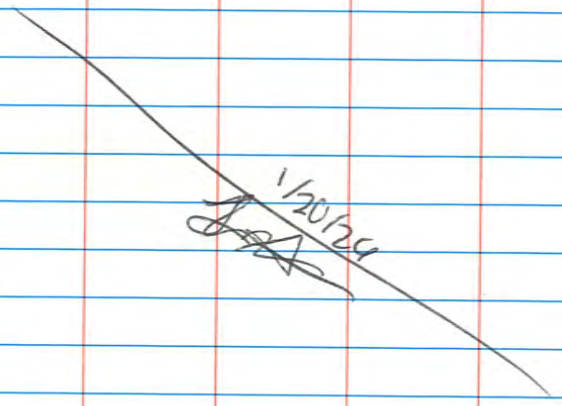
08:56 collected sample from BW-8 and measured water level. mobilized to RW-2. LA to the compound to turn on RW-2 pump.

09:14 attempted to collect sample but pump would not turn on. tried troubleshooting without success. mobilized to BW-9

1/20/26	Former Y Station	LA/LD/SA/SK
09:23	measured water level at BW-9. mobilized to BW-10.	
09:33	measured water level at BW-10. mobilized to BW-7.	
09:47	BW-7 hydrosleeve was dry. ~~colle~~measured water level. mobilized to BW-5.	
09:54	collected sample from BW-5 and measured water level. mobilized to BW-6.	
10:12	measured water level at BW-6. mobilized to MW-14.	
10:22	collected sample from MW-14 and measured water level. mobilized to MW-15.	
10:36	collected sample from MW-15 and measured water level. remobilized to MW-14 after comparing water level with historic data.	
10:43	remeasured water level at MW-14 and confirmed prior reading. mobilized to compound to turn on pumps BW-7R, MW-13, and RW-4.	

1/20/26	Former Y Station	LA/LD/SA/SK
11:02	turned on BW-7R, MW-13, RW-4. mobilized to MW-13.	
11:08	collected sample from MW-13. mobilized to BW-7R.	
11:16	attempted to collect sample from BW-7R, but broken hose was spraying everywhere. mobilized to RW-4.	
11:21	collected sample from RW-4.	
11:37	finished demonstrating how to clean flow meter. called grace to see if we should collect other samples. confirmed that samples are needed from BW-7R, MW-12, and RW-2.	
11:40	split up. LA went to ask for car parked over MW-12 to be moved while SA, SK, LD went to sample BW-7R. pumps turned on	
11:54	sample collected from BW-7R following the taping of the hose	
12:04	collected sample from MW-12. all mobilized to RW-2.	

1/20/26	Former Y Station	LA/SA/SK/LD
12:13	attempted to collect sample from RW-2 with no success. called grace and decide to leave without it. mobilized back to compound.	
12:15	recorded effluent total and GWM transducer levels. shut off all pumps except RW-4.	
12:37	SA and SK offsite	
12:40	site locked and secured. LA+LD offsite	



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secured. LA+LD

02/02/2026 Former Y Station LA/SA

09:18	LA onsite. purpose: site-wide maintenance and replacement of acutuator. weather: 47°F, sunny. McNeil onsite. Southwest ~~safety controls~~ setup
09:22	SA onsite.
09:38	called grace to provide updates.
09:40	safety meeting / discuss work plan for the day
09:41	unloading supplies from truck
09:43	coats on site
09:51	coats mobilized to RW-1 and McNiel mobilized to MW-13.
09:52	called clay. he is about 30 minutes out. mobilized to RW-4.
10:07	turned off RW-4 at the vault.
10:10	replaced pressure gauge at RW-4
10:24	~~opened all SVE~~ mobilized to RW-3. opened all SVE lines at RW-3 and replaced pressure gauge. mobilized to ~~MW-12~~ BW-7R.
10:30	clay and Joe onsite. decided that they will begin pulling RW-4.
11:48	removed hose from BW-7R. waiting to replace until ARV is installed. replaced dessicant pack. Coats still at RW-1 + McNiel at MW-13.

02/02/26 Former Y Station UA/STA

11:50 UA mobilized to MW-12 to replace gate valve, pressure gauge, and open SVE line. SVE line at BW-7R open.

12:24 McNiel called to report that they completed work at MW-13. McNiel mobilized to MW-11.

12:34 called grace to provide update. completed changing gate valve, pressure gauge and dessicant pack.

12:40 Clay completed pulling RW-4. called to ask if the pipe and cable should be left out because they cannot close the vault. UA mobilized to RW-4.

12:50 McNiel mobilized to RW-4 to disconnect cables so that they can be coiled and stored instead of being left overnight.

12:55 Lucas Middleton called because Coats was unable to brush the RW-1 due to the

02/02/26 Former Y Station UA/STA

pitless adapter. Asked if they could cut it. Additionally missing a drop pipe so they couldn't reinstall pump at RW-1 today. UA told them to wait on cutting and mobilized over to RW-1.

13:07 UA at RW-1. Pitless adapter had already been cut. confirmed that pump could be installed tomorrow

13:13 called grace to inform about cut pipe. mobilized to MW-16.

13:38 swa changed pressure gauge and dessicant pack. UA mobilized to MW-11.

14:02 dessicant pack swapped at MW-11 and RW-4 drop pipe and pump cable stored and labled at compound.

14:11 dessicant pack changed at MW-13. mobilized to BW-7R. Attempted to reconnect the hose to the check valve without success

14:35 called grace to provide update. Coats expects to close in total of 2 wells today. Going to have Coats focus

02/2/26 Former Y Station LA/SA

on dosing and have Clay remove and install pumps.

14:46 LA mobilized to RW-3. Clay found water in the line 150 ft bgs. Could indicate broken pipe or joints. Got heat gun to fit tubing to check valve.

15:30 finished dosing RW-1, coats offsite

15:36 Lucas called for an update. plan for 3 dosings ~~next~~ tomorrow, 2 wednesday, and 2 thursday

15:48 finished pulling RW-3. McNiel disconnected pump wiring.

16:30 placed drop pipe and wiring at compound. noticed standing water in groundwater container. Manually turned on pump to try and figure out source. No leaking identified. Turned discharge pump back to auto. Vacuumed out standing water. Called grace to info of issue — planning to keep an eye on it

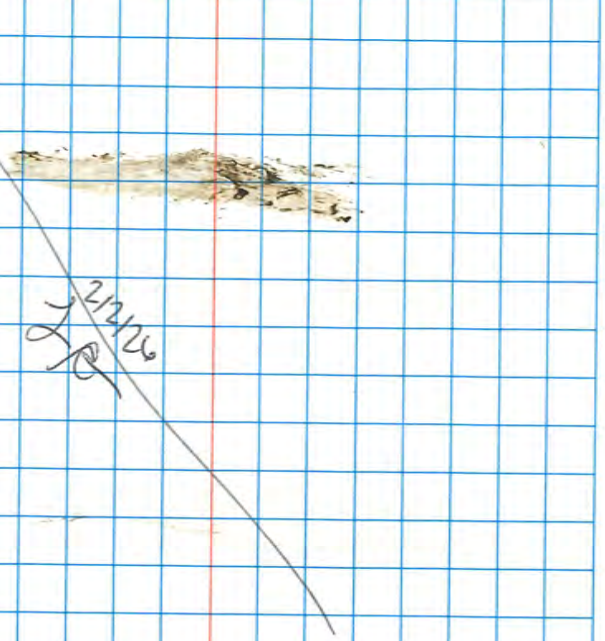
02/02/26 Former Y Station LA/SA

17:19 mobilized to RW-2 to pull pump.

~~17~~ 17:53 water @ in drop pipe 200 ft bgs.

18:12 finished pulling RW-2. drop pipe was very brittle, broke 2 sections.

18:34 site locked and secured. All offsite



2/03/2026 Former Y Station LA/SA/GH

06:50 LA onsite, purpose: continue site-wide maitenance ~~ve~~ event. Weather: 30°F, sunny.

06:55 McNiel and SA onsite. checked the groundwater container ~~for~~ water. Little water in the front left but could be ~~left~~ leftover ~~from~~ yesterday.

07:00 Clay onsite. Loaded the drop pipe and cable for RW-2 into the compound. Safety meeting. Plan to get RW-1 running and then start pulling ~~RW~~ RW-7R

07:20 McNiel and LA to LOWES to get gloves and electrical components

07:50 McNiel and LA back onsite. Coats onsite. Clay collecting cable and drop pipe for RW-1. McNiel mobilized to RW-1. SA, LA, and Coats at RW-4.

08:00 discussed plan for today and told Coats not to leave before checking in. Plan to get as many dosed as possible. LA mobilized to RW-1.

2/03/26 Former Y Station LA/SA/GH

08:56 the GSS10-22 pumps we have have 4 cables instead of the three we need. McNiel and ~~Lydia~~ LA to the compound to compare with pulled pumps. 5SQE07 pumps for the RW wells are correct. Found an extra pump in the SVE container. The pumps for the MW wells are right but the motor isn't variable. Called grace to convey issue and LA and McNiel to Lowes for 1/2" pipe.

09:01 called OTC to see what happened and is they have extra motors in stock. OTC is not sure what happened but will look into issue

09:18 called grace to provide update

09:21 OTC still unsure of issue. Website shows that it should only be three.

09:30 LA and McNiel back onsite at RW-1.

09:51 OTC called to confirm that they are taking responsibility for the mistake. Grainger has 3 wires

but they only sell four. Have the option to pickup control boxes for free to install in the wells that use the three pumps we have. The control box would have a starter and run capacitor.

10:08 checked with Ben about the possibility of a control box. Ben said it wouldn't work because of the VFDs at the compound. OTC looking into pump alternatives LA and McNiel to the compound ~~because~~ to record spare product number.

10:26 OTC called to ask for TDH and drawdown.

10:32 called Taylor to send screenshot of info because VPN wasn't work. Average TPH 430 ft and drawdown between 30-40 ft.

10:39 called jason to see if he could potentially bring new pumps tomorrow if we credible to find some instock.

he confirmed he could do it.

11:10 LA and McNiel to Lowes to buy non-threaded 90° elbows. GH onsite

11:30 called grae to confirm current location

11:37 called OTC. They have 2 pumps and motors instock. Jason will pick them up today and bring them to the site tomorrow. LA and McNiel back onsite

11:50 called jason to let him know he is good to pickup the pumps today. Told him to call when he gets to the warehouse to check that they are the right parts. mobilized to ~~RW-1~~ BW-7R

13:00 finished installing the flex hose at BW-7R. Finished pulling BW-7R and brought ~~hose~~ cords and drop pipe to the compound.

13:04 called OTC warehouse to schedule pickup of pump and motor today between 3:30 and 4 pm.

02/03/2026 Former Y Station LA/SA/GH

14:39 ARVs ~~a~~were installed in wells MW-12, MW-16, MW-11, ~~and~~ MW-13 and BW-7R ontop of the existing Ts for sample tap and previous ARVs. Appear to be holding well. mobilized to RW-4

15:20 worked to connect the ARV to the existing line.

~~15:00~~ 15:30 LA to Lowes to pick up elbow.

16:00 LA back onsite at RW-4

16:32 LA offsite to Lowe's. Wrong size elbow was told to get

16:52 called Southwest safety to have them remove traffic control at RW-1

17:00 LA back onsite.

17:20 ~~AA~~ completed ARV install at RW-4. mobilized to MW-11 to help pull pump

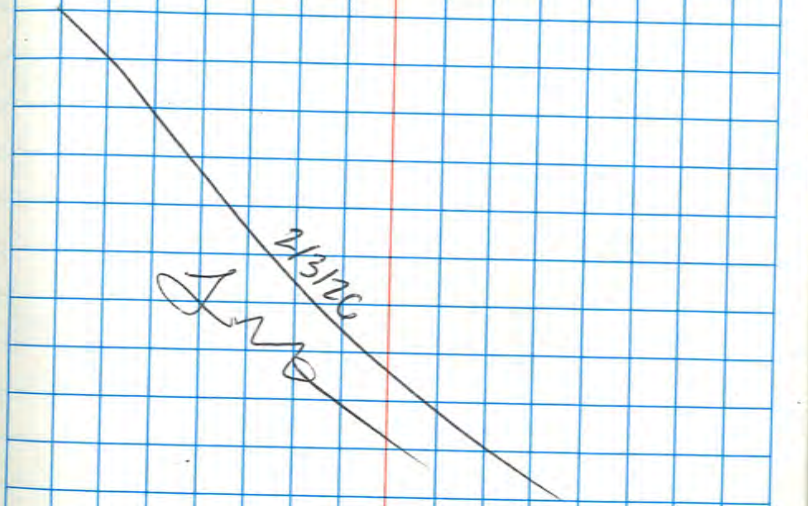
18:03 finished pulling pump at MW-11

18:06 finished dosing BW-7R. Because pump cable is missing at RW-2, no dosing is going to happen at the well because ~~nothing~~

02/03/2026 Former Y Station LA/SA/GH

none of the treatment can be pumped back out. All offsite

19:44 LA onsite. Site locked and secured. weird high pitched noise coming from some equipment in the ground water container. Stopped after a bit. No additional water noticed in the container. RW-1 was turned on temporary today, but drawdown was too high. Will mess around with the flow rate once more pumps come online.



2/4/2026 Former Y Station LA/SA/GH/JR

06:57 LA, SA, and GH onsite. purpose: continue site wide maitenance event weather: 32°F, sunny. McNiel onsite at RW-2 at 6:30. Coats to be onsite at 9:00. JR to be onsite at 10:00-11:00. Clay onsite.

07:14 the groundwater system continued to make the sound. GH noticed that the DTA condensation drip line was not dripping into the clarifier. the magnet failed. This could explain the water in the container. The condensate line was dripping onto the ~~fan~~ DTA blower fan.

07:37 ~~e~~ finished clearing out ~~what~~ items (e.i hose) laying in water in the groundwater container. finished dropping off drop pipe and cords for MW-11 at the compound. Labled pipe. mobilized to MW-12 to start removing the pump. Pesomed tailgate safety meeting discussing tripping hazards and locking gates.

2/4/2026 Former Y Station LA/SA/GH/JR

08:57 finished pulling MW-12. waiting for ben to disconnect the transducer line so ~~it~~ the cable can get loaded and stored at the compound.

09:10 McNiel back onsite.

09:27 disconnected the transducer ~~and~~ at the well vault. Clay and LA to the compound to place the drop pipe. test the pump and cords out for McNiel. They are going to run the new transducer line and then return it to the compound.

09:51 finished loading RW-3 drop pipe and cord ~~and bringing~~ into Clay's trailer. Coats onsite. mobilized to RW-3 to reinstall pump.

11:12 worked on laying out the cable and swapping the old pump and transducers for new ones at RW-3.

2/4/2026 Formery Station LA/SA/JR/GH

11:42 distance from bottom of transducer to inlet = 45 11/2 inches. distance from bottom of transducer to bottom of pump = 25 1/2 inches. Started ~~last~~ reinstalling the pump.

12:02 JR at RW-3 to check in

12:55 finished reinstalling the pump at RW-3. Missing PVC cap that goes over the well cap. GH is going to pick up slipcap from Lowes.

12:57 Clay off site for lunch. opened all SVE lines at RW-3 and RW-4.

14:26 RW-1 pump ~~only cycle~~ did not cycle ~~for~~ in the past hour. mobilized to MW-16 to pull pump.

15:39 call from Lucas to check in. Coats has another job on Friday. Well cable for RW-2 is supposed to come in tomorrow so Coats could potentially dose RW-2 tonight. Lucas is going to check with Cotey chemical to see how

2/4/2026 Formery Station LA/SA/GH/JR

long the acid can sit for

15:44 called grace to ask about dosing RW-2 tonight. Didn't want to chance the pump not coming in or McNiel not being able to mobilize on Friday. Decided to wait for a remobilization event. probably first week in March.

15:51 McNiel offsite. Possibly back on Friday. Called Lucas to tell him no dosing today for RW-2. Lucas will be onsite tomorrow around 9 to deal with the acidity in the wells. Finished pulling MW-16 and changing pump. Clay to the compound to drop off pipe and cable.

16:30 started pulling MW-13

16:40 to Herrmann off-site

17:30 Pump out @ MW-13

17:40 confirmed starting time with Coats as 9:00am tomorrow. They are

2/4/2026 Former Y Station LA/SA/JR/GH

free all day.

18:00 JR ~~and SA~~ offsite.

18:05 clay offsite. LA locked up compound.

18:22 mobilized to RW-3 to take picture of the plumbing components to add ARV. missing well kit. called SA to get kit.

18:50 took pictures of RW-3, RW-2, and RW-1 ~~for~~ for plumbing design.

19:00 site locked and secured. LA offsite. Tomorrow, reinstall 5 pumps. MW-11 needs a new transducer. MW-12 needs a new transducer. Figure out how to install ARVs at RW-1 and RW-3.

2/4/26

2/5/2026 Former Y Station LA/SA/JR

06:30 LA, SA, JR pre-fieldwork meeting in hotel lobby. discussed work to be done ~~at~~ each well. ~~and~~

07:05 LA, SA, JR, and clay onsite. purpose: continue site-wide maitenance event. weather: 30°F, sunny. GW container clear of water. discharge working well. Both RW-1 and RW-3 are still on.

07:38 finished unloading MW-13 drop pipe and cord. Safety meeting about tripping hazards and traffic safety. clay, JR, and SA mobilized to RW-4.

07:43 called @ OTC to check-in with the pumps. Will call next week to determine if we need to order one more unit. mobilized to RW-3 to add in ARV.

08:08 called ~~Ben~~ McNiel to ask about ARV and transducer. ARV may have been left in the trailer. McNiel recalls installing the transducer on a well cable, but doesn't

2/5/2026 Former Y Station LA/SA/JR

remember which one. He will ~~let~~ call when he checks his notes.

08:35 ARV will not fit in RW-3, about 1/2 inch off. LA offsite to Lowes to rebuild the T connection with gauge, tap, and ARV.

09:40 Coats and Lucas onsite. LA onsite.

09:53 called Grace. because the pump at MW-13 isn't getting installed tomorrow, ~~they~~ Coats shouldn't close the well.

10:10 Clay called because they finished putting the pump back in RW-4 but there is no plug on the pump to get it to run.

10:12 called Ben to ask about options. JR to ace to see if there is a plug that is water resistant and 230 volts in stock.

10:40 JR back onsite with plug. Worked to get RW-4 running

11:00 RW-3 ARV installed with no leaks. mobilized to RW-1

2/5/2026 Former Y Station LA/SA/JR

11:57 RW-4 ran at a flowrate of <2 gpm. JR offsite.

12:25 LA at Lowes to pick up PVC connecters.

12:35 LA back onsite.

12:38 Coats called because they have an extra 8 ft of stop pipe at MW-16.

12:50 LA to BW-7R to ask if Clay added extra pipe to BW-7R. No pipe was added to the pile. Coats grabbed the correct pile.

13:05 decided for Coats to repull pump at MW-16 so they can monitor how much pipe they add to know the depth.

13:51 finished helping SA untangle MW-11 cord.

14:05 Coats found out that 14 ft of sand had settled in MW-16 changing the TD of the well. The well needs to be bailed before the pump can be installed

2/5/2026 Former Y Station LA/SA/JR

14:08 called grace to convey info and see if she wants coats to come out a seperate event from closing the other wells. Decided yes, to have Lucas send a quote for remobilizing.

14:30 Coats started to reinstall MW-11 after dropping off drop pipe and cord at the compound.

14:32 Lucas called to ask about the red taped wiring in MW-12. called Ben to understand the wiring. Red tape is for the flow meter. Lucas rewired MW-12

14:47 Clay offsite

14:53 attempted to restart MW-12 but water was coming out of the flow meter. LA mobilized to MW-12.

14:59 no issues with the ARV, just a lot of air in the line. transducer not reading

15:44 tried rewiring the transducer and flow meter. The flow meter was on backwards. Switched the direction. No flow meter and HMI reading transducer readings on the HMI

15:49 MW-11 connected and ready to be turned on. LA back to compound

15:55 "Infiltration Gallery LAH" alarm shut off system. Manually discharged water with the discharge pump. Restarted system.

16:00 turned on MW-11. Flow meter osscalated. Closed gate valve and opened sample tap. Low flow coming through. closed sample tap and open gate valve one crack. very low flow rate. Removed flow meter and cleaned it out at Dominos. Good flow and relatively clean. Reinstalled flow meter and went to restart, but VFD read "missing motor connection". Leave until tomorrow

2/5/2026 Former Y station. LA/SA/JR

16:20 SA and Lucas mobilized to BW-7R to attempt to get pump working

16:43 BW-7R transducer reading but pump was not working. Couldn't get any water out of the sample tap. called grace to relay info and let her know the plan for tomorrow.

16:50 Lucas offsite

16:55 called McNiel to make a plan for tomorrow. ~~R~~ Plan to arrive at 8 to work on MW-12, MW-11, and BW-7R

17:08 site locked and secured. LA and SA offsite

2/5/26 JR

2/6/2026 Former Y Station LA/SA

07:55 LA and SA onsite. purpose: get MW-12, MW-11, and BW-7R running. weather: 38°F, sunny

08:00 McNiel onsite. Started troubleshooting MW-11

08:46 got MW-11 pump running. Fully open the max flow rate is 2gpm. Going to keep it running for a little to see if we can clear out the system.

08:51 replaced the pressure gauge at MW-11

08:58 when the gauge is closed, pressure only increases to ~~5psi~~ <5 psi. ~~tea~~ Plan to check in 1 hour.

mobilized to BW-7R

09:18 BW-7R kept tripping at the compound. Got minimal flow for less than 20 seconds before getting shut off. The pump plug has a short between all three phases and the ground. The pump will not run. ~~It~~ The short could be in the pump or cable. Pump will need to be removed

for future install: plug in the pumps and test prior to install to make sure the pumps work

09:28 called grace to confirm that we can ask lucas to pull BW-7R. called lucas to ask to adjust the quote for next week to include pulling BW-7R. He said that the quote should still stand and they will be able to do it next week. mobilized to MW-12.

09:38 MW-12 transducer wire shield has been twisted. potentially not a new transducer. All of the transducers that didn't work were cut up so at the very least, this transducer should still be functional.

09:52 no signal at the compound. Going to try and manually ~~g~~ signal

10:12 potentially an issue with the VFD card. transducer reads when switching BW-7R wiring with MW-12?

10:48 both cables for flowmeter and transducer from electrical box behind dominos to the MW-12 vault have failed. Going to buy temporary wire from the store and replace it in March.

10:54 McNiel to Lowes to buy wire

11:42 pulled old wire and connected new wire. Getting transducer reading and flow count. Currently 3 gpm. Trying to restrict flow to 1 gpm.

11:46 MW-12 is flow at 4.8 gpm. with steady drawdown. mobilized to recheck flow at MW-11.

12:04 flow at MW-11 reduced to <1 gpm with no pressure. Switched the VFD into local and tried running the pump in reverse with

minimal results. Switched the direction and raised the frequency to 60 Hrtz. The output frequency only got to ~50 Hrtz with a torque ~>100%. When closing the gate valve, pressure only got to 50 psi. Exposed some leaks around the hose and ARV. Going to fix to prevent slow leaks. Issues could be with the pump(new), motor, drop pipe. Will need to be pulled and investigated. Going to leave pump running.

12:16 added Sealent to the ARV and added a hose clamp to the flex hose at MW-11. got 0.98 gpm.

12:29 called grace to confirm that we are not doing a full O+M, mobilized to RW-4.

12:38 flow rate was initally 3.75, however pump was cycling - switching plug to give well time to recharge.

12:50 RW-4 kept shutting off so shut off the well to give it time to recharge. mobilized to RW-3.

12:52 flow rate of 3 gpm. fixed well head cap. mobilized to RW-1.

13:04 SA and LA back to the compound to do SVE O+M training.

13:46 completed O+M training and SA offsite. called Ben to start adjusting RW-4.

14:26 McNiel offsite. He has an extra 3phase plug in the truck.

14:37 finished O+M at the compound. mobilized to RW-4.

13:35 called grace to see if there was anything else to do before leaving. Took photos of fuses for McNiel. Site locked and secured. LA offsite.

2/6/26
LA

Former Y - Clovis, NM S. Ahern

Feb. 2, 2026

9:02 on site (electrician on-site)

9:30 Safety meeting → discuss daily plan

0943 Coats on site

0946 Placed cones on MW-12

1002 Coats dosing RW-1

^ begin ^ process

1017 Turn vacuum off to pull pump from RW-1

1020 Pulling pump → disposing of / catching water in a bucket & bin storage

1124 pump pulled @ RW-1

1133 Gauging water → (333.2)
gauging well depth → (360.4)

1157 Coats putting treatment pipes down RW-1

1218 putting (3 buckets of) liquid acid descaler into RW-1

1226 Pumping clean water down RW-1 to help acid treat well

1235 pulling treatment pipes up

1301 Removing clogged PVC for brush access

1312 Begin brushing of RW-1

1500 Finish brushing of RW-1

1530 Coats off site

1803 Pulled pump from RW-2

S.A.

Former Y- Clovis, NM
Feb 3rd, 2016

S. Ahern

0700 on site.
0700 Electricians on site & Clay Crew
0750 Coats Pump & Supply on site
- Begin treatment of RW-4
0825 Lowering treatment pipe into well
DTW: 332.2 TD: 366
0842 Finish lowering treatment pipe
0844 Putting (3 buckets of) liquid acid descaler into RW-4
0850 Removing treatment pipes
0913 Begin brushing of RW-4
1101 Finish brushing RW-4
1120 Begin treatment of RW-3
*Cut off small PVC fitting (pictures taken)
1130 Gauging well
water depth: 332.9
total depth: 366.6
1145 Placing treatment pipe down well
1208 Treating well w/ 3 buckets of liquid acid descaler into RW-3

1214	Pulling treatment pipes from well	rinsing w/ clean water ↩
1230	Begin brushing of RW-3	
1426	Finish brushing RW-3, pack supplies	
1442	Arrive at BW-7R	
1450	Gauging water level: 332.7 well depth: 361.7	
1458	Placing treatment pipes down well	
15 18	Finish placing pipes	
1520	Treating well w/ 3 buckets of liquid acid descaler into BW-7R	
1525	Rinsing well w/ clean water	
1528	Removing treatment pipes	
1541	Finish removing pipes, replacing Scrub brush w/ a new bru (larger)	
1549	Removing new (larger) brush b/c it did not fit down the well (too large) (oats said that the brush was custom-made for the well → but the top of pipe is slightly wider (well)	

than the part that breaks ground, so the brush did not fit.

1555 Adding new/smaller brush to fit the pipe/well (BW-7R)

1556 Begin brushing BW-7R

1642 RW-1 turned on

Notes: transducer seems to be working. Drawdown happened quickly → off. Cycling well, so hone in flow rate so it does not cycle as often.

1647 Shut off RW-1, planning to let new piping sit overnight & turn back on tomorrow.

ALSO NOTE: do not have a pump cable for RW-2 (stuck in PA), so that well can not be treated/brushed currently.

1721 Coats securing trailer

1752 Pulled up brush/finished brushing.

1800 Finished pulling pump & drop pipe from MW-11. No transducer was installed. Pump/safety cable wrapped up.

'810 off site

S.A.

Former Y-Cloris, NM S. Ahern

Feb 4th 2026

0700 on site.

0725 Place pipes/pump for MW-11 in compound

0735 Arrive at MW-12 to pull pump

0800 Pump pulled

*0800 Grace checked oxidizer @ 8AM. The temperature was adjusting correctly but vacuum was very high b/c most wells are closed. GH adjusted blower speed to 34 Hz & vacuum dropped to 71 in. H_2O. Will need to adjust again as wells come back online.

0920 McNiel replacing old pump @ MW-12

0945 Coats on site @ MW-11

0950 Begin treatment process for MW-11

1000 Gauging MW-11

water ~~level~~ depth: 330.5

total depth: 360.7

1013 Setting treatment pipes in MW-11

1030 Treating well w/ 3 buckets of liquid acid descaler

1036	Rinsing well w/ clean water
1037	Removing treatment pipe
1050	Attach brush / Begin brushing of MW-11
1058	Grace replaced tubing (DTA eff pipe DTA blower motor is making screeching sound + trying to resolve
1115	Jason on site.
1213	Can not fix motor that is squeeling → have to buy a new one
1311	Changing pump rate at RW-1 → YSI cal. Pump rate (new): ~2 1 gal/min 29 psi Checking PH 1st measurement: 1.02 Turned back up to ~3 gal/min to cycle water
1336	went to RW-2 to turn on SVE valves RW-21 & RW-2s
1342	Went to BW-8 + turned on all SVE valves (shallow, deep, int.)

*Coats treating MW-12
1520 pulled pump from
MW-16
1536 Check SVE for RW-3
all valves are on upon
arrival
1547 Tightening well cap slightly
1538 water out of tap (RW-3)
Testing water pH: 1.94
PUMP rate: 4gpm
*Grace Not: RW1- 22psi,
pH: 6.32
1600 Coats treating MW-16
1745 finished pump pull for MW-13
1805 Coats scrubbing MW-16
1946 finish brushing MW-16
2015 off site

S.A.

Fulmer Y-Cline, NM
Feb. 5th, 2026

S. Ahern

0700 on site
0715 Loading MW-4 pipes on trailer
0745 Begin replacement of MW-4 pump
0950 Finish replacing MW-4 pump
0930 Coats on site → begin treatment of MW-13
1130 Replaced plug in MW-4
1150 Turned on MW-4 → well is working → transducer is working correctly
1201 checked that RW-4 was running @ compound → 7ft of drawdown at less than 2gpm
1220 Unwrapping cables for MW-11
1430 try to turn on MW-12 → could not figure out transducer wiring
1453 Testing pump rates

At MW-11e, MW-11, + BW-7R →
pump having issues + transducer →
waiting for Ben to fix.
1700 off site



S.A.

Former Y-Clovis — S Ahern

Feb 6th 2025

0800 — on site + McNiel

0805 — moving over to MW-11 to troubleshoot w/ BCM

0815 — Turned well on → pump seemed to have had a load but flow meter + pressure gauges were still at zero

1345 — off site

S.A.

2/11/2026 Former Y Station LA/TB

08:03 LA and TB onsite. purpose: O+M and installing hydrosleeve at RW-2. weather:

08:45 deployed hydrosleeve at RW-2. hydrosleeve set ~ 352 ft bgs.

09:04 mobilized to the compound to start O+M.

09:24 ~~remove~~ SVE line 3 was full of standing water upon arrival. removed 2.5 gal. from the sump

09:44 removed an additional 2.5 gal from SVE 3 sump.

10:11 removed another gallon from SVE-3. finished O+M from HMI. mobilized to dominos sump.

10:41 called grace to see if sump water needed to be dumped in the system- yes.

10:53 TB to harbor freight to buy more buckets. LA to compound. SVE system turned off.

11:00 dumped 5 gallons from sump SVE-1 behind dominos.

11:17 removed 3 gallons from sump SVE-1 behind dominos.

2/11/2026 Former Y Station LA/TB

11:27 removed 2 gallons from sump SVE-2 behind dominos.

11:49 called grace because couldn't find the road crossing sump.

12:06 removed 5 gallons from road crossing sump. Restarted SVE.

12:25 LA and TB offsite for lunch

13:05 LA and TB back onsite. SVE-3 full of water.

13:14 removed 2 more gallons from SVE-3 sump. started PID, velocicalc and manometer measurements at the compound.

13:31 calibrated PID. serial #592926669
zero calib: 0.0 ppm
span calib: 100.0 ppm

14:15 collected "FY Comb Inf" sample

14:24 collected "FY Ox Eff" sample

14:25 called Lucas at Coats to confirm they are coming tomorrow to bail MW-16. Crew is stuck at another site. could potentially be here on Friday.

14:26 called grace to convey change of schedule. wants bailing to happen

2/11/2026 Former Y Station LA/TB

as soon as possible. Suggested calling SA to see if she is available on Friday.

14:27 SA said that she could make Friday work if she adjusted schedule.

14:32 collected "DTA ESS" sample

14:48 called grace to confirm that SA is good for friday.

14:49 called SA to offically schedule her for Friday. She will oversee the bailing of MW-16 and the pump removal of BW-7R

14:53 called Lucas to confirm Friday.

15:01 called grace to ~~confirm~~ ask if any additional work is to be done and why SVE-3 line keeps filling up. SVE-3 line keeps filing up with water because the line is closed at the well. This water is from the other lines. Need to ask Lucas about disposal of sand from MW-16.

15:27 finished collecting GW samples "FY Raw" at 14:45 and "FY treated ESS" at 14:53.

15:42 called Lucas and decided to dispose of sand from MW-16 in buckets. mobilized to MW-13

15:44 recorded flow total and mobilized to MW-16.

16:00 collected PID and manometer readings, however the plug bolt was pushed too far into the pipe

16:03 called jason to discuss options. ~~Either~~ Tryied to apply upwards pressure while listing/turning without success, going to try and drill a new hole.

16:58 offsite at lowes to try and find plug bolt → didn't have.

18:00 found plug bolt at autozone ~~19:00~~ at

18:30 attempted to tap the bolt into the PVC without success. will try again tomorrow.

2/11/26

2/12/2026 Formerly station LA/TB

07:00 ~~mo~~TB and LA onsite. purpose: continue O+M. weather: 50°F, sunny. mobilized to MW-16 to try and retap the bolt.

07:40 mobilized to BW-8 to collect O+M samples.

07:50 calibrated PID:
→ zero calib = 0.0 ppm
→ span calib = 100.0 ppm

08:45 collected hydrosleeve sample from RW-2.

09:00 bolt on BW-8 deep line was sunk in.

09:32 collected groundwater sample from RW-1.

09:48 cleared "DTA LAH" alarm.

09:58 collected MW-11 groundwater sample

11:26 collected RW-3 groundwater sample.

11:40 adjusted RW-4 flowrate to 1 gal per minute.

13:33 finished getting the hydrosleeve ready for Friday. Site locked and secured. LA ~~TB~~ offsite

Former Y- Clovis, NM

2/13/20 S. Ahern

1040 getting bucket at harbour freight for sand waste

1049 Coats on site, begin bailing of MW-11 (process)

1105 measuring total depth : 357.4 ft

1110 begin bailing: first bail, only a couple of in. of sand recovered. Sand is extremely fine grained.

1124 trying a different bailing strategy

1127 finish second bailing attempt (much more successful)

1150 grab hydrosleeve from compound & ask vendors to move away from BW-7R (set cones)

1200 continue bailing MW-11

1213 tagging TD (361.4), still about a foot of sand.

1250 hydro sleeve deployed/well closed.

1253 Open well BW-7R

1326 continue pulling pump, adding zip ties to keep from tangle)

1347 pump pulled from BW-7R

1352 tagging TD for BW-7R (359)
1415 placing pump at the compound
1430 dispose of waste sand/water
mixture in harbour freight
buckets (red w/ lid on)
1445 organize/label pump and pipes,
lock up

Former Y - O&M

12/15/25
Shannon Ahern

10:20 → Arrive on site
10:50 → take O&M readings
12:00 → finish compound O&M readings
12:10 → Begin recording GW measurements

MW-13 → total flow: 0309651
MW-11 → totale flow: 0336165
MW-16 → total flow: 0288730
MW-12 → total flow: 0516066 (13:34)
BW-7R → TF: 0378451 FR: → hole in tubing
RW-4 → TF: 0314103 p: 10PSI FR: 2rev./1min → ~~5~~ 2 gl/min (14:11)
RW-3 → TF: 0450568 (14:22)
RW-2 → TF: 0042725 (14:28)
RW-1 → no flometer
14:40 → finish GW measurements
MW-15 (re-sampling) → Hydrasleeve install
1448 → begin gauging
DTW: 327.1
15:29 → finish deploying hydrasleeve
16:00 → turn off BW-7R
16:15 → Inf. collected (~~FY Treated Eff~~ FY Raw)

Kit inventory

- 3 trip blank
- 8 (5 vial pack)
- 7 (7 vial O&M)
- 1 (1 plastic, 1 amber)
- 5 (2 plastic, 1 amber)

1808 done FFF sample coll.

18:20 Lock up/walk through check/ offsite

erY station UA/TB
A onsite. purpose:
M. weather: 50°F,
ilized to MW-16
etap the bolt.
BW-8 to collect
S.
ID:
0.0ppm
=100.0ppm
rosleeve sample
.
N-8 deep line
undwater sample
FA LAH" alarm.
-11 groundwater
-3 groundwater
-4 flowrate to
minute.
the hydrosleeve
y. Site locked and
TB ~~offsite~~

2/23/2026 Former Y Station UA

07:57	UA onsite. purpose: camera MW-16, reinstall pump at MW-16, collect sample from MW-16, and O+M. weather: 31° sunny
08:04	checked both containers → good condition, ~~de~~ no water on the flow in the ground water container. Talked to L. Middleton → Coats crew is supposed to be onsite at 09:30. Mobilized to MW16 to pull hydrosleeve.
08:32	calibrated YSI serial # ~~21037~~ 21B100053. DO in mg/L would not calibrate.
08:49	collected MW-16 GW sample. hydrosleeve was covered in sand when it was removed.
09:22	Coats onsite. health and safety meeting.
09:30	overview of plan = camera well and then depending on condition, reinstall pump

2/23/26 Former Y Station UA

put soap on the camera lenses to protect against oil. Zero out on the camera is 1.0.

09:42 troubleshot issues with the SD card and remote.

09:46 started cameraing MW-16.

→ ~~10.1 ft = first joint~~

→ 30.1 ft = joint

→ 50.1 ft = joint

no buildup, just staining

→ 70.1 ft = joint

→ 90.1 ft = joint

→ 110.1 ft = joint

→ 130.1 ft = joint

→ lots of staining

→ 150.1 ft = joint

→ 170.1 ft = joint

little bit more staining all around the casing

→ 190.1 ft = joint

→ 210.1 ft = joint

→ 230.1 ft = joint

→ 250.1 ft = joint

2/23/26 Former Y station UA

→ ~~270 ft~~ 270.1 ft = joint

→ less staining, the stain that is there is lighter

→ 290.1 ft = first screen joint

→ 300.1 ft = screen joint

→ 310.1 ft = screen joint

→ 320.1 ft = screen joint

the screen is clear, nothing is broken

→ 330.1 ft = screen joint

→ 334.1 ft stained ring where water was

→ ~~334.~~ 335.65 ft water level

→ water very cloudy

→ 339.~~9~~ ft → casing joint, water is clear

→ lots of staining

→ 340 ft lots of staining

→ 348.45 ft TD

sand returned to the same level prior to bailing out sand.

96/97 video

2/23/26 Former Y Station LA

10:15 called jason to confirm that Coats shouldn't reinstall the pump. Coats under the impression that they were dosing MW-13 and RW-2 today.

10:24 called Lucas to confirm that coats is coming out next week to dose.

10:32 coats offsite. LA to the compound to start O+M.

10:59 called grace to convey issues with MW-16. decided to send picture to her and jason to try and figure out if sand if from the surrounding geology of filter pack.

11:13 called McNiel to confirm that work was still set for Monday of next week.

11:43 calibrated PID serial # 592-926669
- zero calib = 0.0 ppm
- span calib = 100.0 ppm

2/23/26 Former Y Station LA

12:06 collected FY comb ins sample

12:10 collected FY Ox Eff sample

12:24 finished SVE O+M at the compound, mobilized to MW-11

12:42 mobilized to MW-16.

12:54 mobilized to BW-7R.

13:01 mobilized to RW-4.

13:04 both RW-4 vaults were full of standing water. Sent photo to grace and jason. Going to try and pump it out to identify the leak.

14:19 got 16 gallons from ~~the~~ RW-4 and put in oil water seperator.

14:46 got 16 gallons from RW-4 and put in oil water seperator. confirms can dump

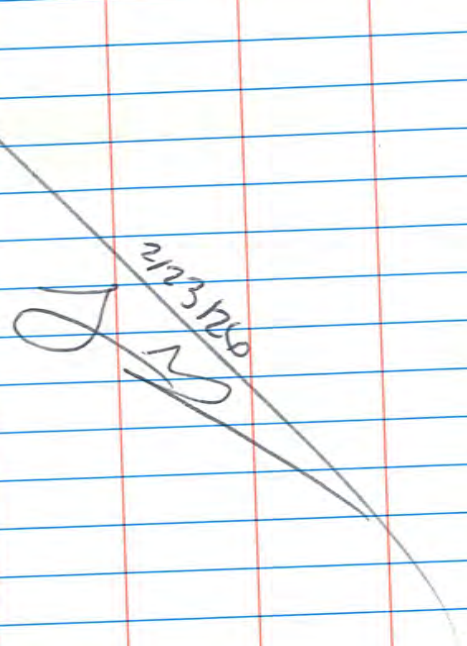
15:10 fire truck stopped by to ask what i was doing. they are getting complaints of a gas smell.

15:11 called grace to confirm that it good to start up RW-4 to find the error.

2/23/26 Former Y Station LA

15:24 there are holes in the flex tube that are causing the leak. hole grew after touch. Going to fix tomorrow mobilized to RW-3.

16:38 site locked and secured. all samples on ice. LA offsite



02/24/26 Former Y station LA

07:17 LA onsite. purpose: finish O+M and fix leak at RW-4. weather: 41°F, windy

07:34 cleared DTA LAH alarm by running discharge pump. calibrated PID serial: 592-926669
→ zero calib = 0.0 ppm
→ span calib = 100.1 ppm
mobilized to RW-2

07:40 mobilized to RW-6

08:00 mobilized to RW-1

08:30 mobilized to RW-4

08:39 no standing water in the vaults.

09:04 finished O+M at the well heads. Still need to collect groundwater sample. The flex hose in RW-4 is leaking from a gash in the tubing.

09:45 bought an inverter adapter to plug in the heat gun,

10:05 bought wrong invert addapter need one with 1500 watts. Called nancy to see is we bought one, it could join the company storage. Yes

2/24/26 Former Y Station LA

11:21 bought new inverter. Trouble shot issues with grace.

12:32 ~~Attempted to r~~ Removed flex hose, but still leaking when reconnected. Called grace ~~for~~ an update.

13:05 finished installing RW-4 hose. left running at 3 gpm.

13:26 collected raw water sample.

13:39 collected effluent water sample.

13:42 collected waste sample from MW-16. mobilized to RW-3 to reduce flow rate.

14:30 reduced RW-3 flowrate to around 2 gpm. Called grace to confirm what work was left. Discussed DTA LAH alarms. could be build up in line between DTA tank and clarifier. Noticed DTA water level in site glass was high.

2/24/26 Former Y Station LA

15:06 confirmed no leaking at RW-4. Site locked and secured. LA offsite.

2/24/26

Appendix D

Laboratory Reports

DBS&A
a Geo-Logic Company

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

Generated 12/2/2025 11:33:06 AM

JOB DESCRIPTION

Former Y Station State Lead Site

JOB NUMBER

885-38080-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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12/2/2025 11:33:06 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Definitions/Glossary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-38080-1
Project/Site: Former Y Station State Lead Site

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
885-38080-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/20/2025 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

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

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 885-39063 recovered outside acceptance criteria, low biased, for Acetone. Since the analyte is not method required, associated samples were non-detect for the analyte, the data are reported.

(CCVIS 885-39063/2)

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

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

GC Semi VOA
Method 8011: The following sample required a dilution due to the nature of the sample matrix: FY Raw (885-38080-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

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

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

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-38080-1
Project/Site: Former Y Station State Lead Site

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-38080-1

Date Collected: 11/17/25 11:50
Matrix: Water

Date Received: 11/20/25 10:15

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	0.044	J	0.050	0.044	mg/L			11/26/25 08:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*11/26/25 08:42*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			11/26/25 08:42	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			11/26/25 08:42	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/26/25 08:42	1
1,1-Dichloroethene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			11/26/25 08:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/26/25 08:42	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			11/26/25 08:42	1
1,2-Dibromoethane (EDB)	0.35	J	1.0	0.20	ug/L			11/26/25 08:42	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,2-Dichloroethane (EDC)	0.82	J	1.0	0.25	ug/L			11/26/25 08:42	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
1-Methylnaphthalene	ND		4.0	1.0	ug/L			11/26/25 08:42	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			11/26/25 08:42	1
2-Butanone	2.0	J	10	2.0	ug/L			11/26/25 08:42	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
2-Hexanone	6.3	J	10	2.0	ug/L			11/26/25 08:42	1
2-Methylnaphthalene	ND		4.0	1.0	ug/L			11/26/25 08:42	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
4-Methyl-2-pentanone	1.6	J	10	1.0	ug/L			11/26/25 08:42	1
Acetone	ND		10	2.5	ug/L			11/26/25 08:42	1
Benzene	ND		1.0	0.15	ug/L			11/26/25 08:42	1
Bromobenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Bromoform	ND		1.0	0.40	ug/L			11/26/25 08:42	1
Bromomethane	ND		3.0	2.0	ug/L			11/26/25 08:42	1
Carbon disulfide	ND		10	0.40	ug/L			11/26/25 08:42	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Chlorobenzene	ND		1.0	0.50	ug/L			11/26/25 08:42	1
Chloroethane	ND		2.0	0.40	ug/L			11/26/25 08:42	1
Chloroform	ND		1.0	0.25	ug/L			11/26/25 08:42	1
Chloromethane	ND		3.0	1.0	ug/L			11/26/25 08:42	1

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-38080-1
Date Collected: 11/17/25 11:50
Matrix: Water
Date Received: 11/20/25 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			11/26/25 08:42	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Dibromomethane	ND		1.0	0.40	ug/L			11/26/25 08:42	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			11/26/25 08:42	1
Ethylbenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			11/26/25 08:42	1
Isopropylbenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			11/26/25 08:42	1
Methylene Chloride	ND		2.5	1.0	ug/L			11/26/25 08:42	1
n-Butylbenzene	ND		3.0	0.20	ug/L			11/26/25 08:42	1
N-Propylbenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Naphthalene	ND		2.0	0.50	ug/L			11/26/25 08:42	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Styrene	ND		1.0	0.25	ug/L			11/26/25 08:42	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/26/25 08:42	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Toluene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			11/26/25 08:42	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			11/26/25 08:42	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/26/25 08:42	1
Xylenes, Total	ND		1.5	0.20	ug/L			11/26/25 08:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 130*		*11/26/25 08:42*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/26/25 08:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*11/26/25 08:42*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*		*11/26/25 08:42*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.31**		0.048	0.038	ug/L		11/24/25 15:08	12/01/25 12:54	5

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**0.82**	**J**	1.0	0.70	mg/L		11/24/25 16:06	11/24/25 20:03	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		11/24/25 16:06	11/24/25 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*46 - 159*	*11/24/25 16:06*	*11/24/25 20:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67**		0.50	0.25	mg/L			11/21/25 17:36	1
Sulfate	**39**		0.50	0.39	mg/L			11/21/25 17:36	1
Nitrate Nitrite as N	**1.7**		1.0	0.11	mg/L			11/21/25 22:07	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**400**		50	25	mg/L			11/24/25 10:49	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-38080-1
Project/Site: Former Y Station State Lead Site

Client Sample ID: FY Raw
Lab Sample ID: 885-38080-2
Date Collected: 11/17/25 12:50
Matrix: Water
Date Received: 11/20/25 10:15

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**0.33**		0.10	0.088	mg/L			11/26/25 09:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/26/25 09:06*	*2*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L			11/26/25 09:06	2
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,1,2,2-Tetrachloroethane	ND		4.0	0.82	ug/L			11/26/25 09:06	2
1,1,2-Trichloroethane	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,1-Dichloroethane	ND		2.0	0.50	ug/L			11/26/25 09:06	2
1,1-Dichloroethene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,1-Dichloropropene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,2,3-Trichloropropane	ND		4.0	0.40	ug/L			11/26/25 09:06	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			11/26/25 09:06	2
1,2,4-Trimethylbenzene	**1.4**	**J**	2.0	0.40	ug/L			11/26/25 09:06	2
1,2-Dibromo-3-Chloropropane	ND		4.0	1.5	ug/L			11/26/25 09:06	2
1,2-Dibromoethane (EDB)	**6.7**		2.0	0.40	ug/L			11/26/25 09:06	2
1,2-Dichlorobenzene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,2-Dichloroethane (EDC)	**41**		2.0	0.50	ug/L			11/26/25 09:06	2
1,2-Dichloropropane	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,3,5-Trimethylbenzene	**5.6**		2.0	0.40	ug/L			11/26/25 09:06	2
1,3-Dichlorobenzene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,3-Dichloropropane	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1,4-Dichlorobenzene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
1-Methylnaphthalene	ND		8.0	2.0	ug/L			11/26/25 09:06	2
2,2-Dichloropropane	ND		4.0	0.50	ug/L			11/26/25 09:06	2
2-Butanone	**8.1**	**J**	20	4.0	ug/L			11/26/25 09:06	2
2-Chlorotoluene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
2-Hexanone	**27**		20	4.0	ug/L			11/26/25 09:06	2
2-Methylnaphthalene	ND		8.0	2.0	ug/L			11/26/25 09:06	2
4-Chlorotoluene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
4-Isopropyltoluene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
4-Methyl-2-pentanone	**7.4**	**J**	20	2.0	ug/L			11/26/25 09:06	2
Acetone	ND		20	5.0	ug/L			11/26/25 09:06	2
Benzene	**4.2**		2.0	0.30	ug/L			11/26/25 09:06	2
Bromobenzene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Bromodichloromethane	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Dibromochloromethane	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Bromoform	ND		2.0	0.80	ug/L			11/26/25 09:06	2
Bromomethane	ND		6.0	4.0	ug/L			11/26/25 09:06	2
Carbon disulfide	ND		20	0.80	ug/L			11/26/25 09:06	2
Carbon tetrachloride	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Chlorobenzene	ND		2.0	1.0	ug/L			11/26/25 09:06	2
Chloroethane	ND		4.0	0.80	ug/L			11/26/25 09:06	2
Chloroform	ND		2.0	0.50	ug/L			11/26/25 09:06	2
Chloromethane	ND		6.0	2.0	ug/L			11/26/25 09:06	2

Client Sample ID: FY Raw **Lab Sample ID: 885-38080-2**
Date Collected: 11/17/25 12:50 **Matrix: Water**
Date Received: 11/20/25 10:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0	0.80	ug/L			11/26/25 09:06	2
cis-1,3-Dichloropropene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Dibromomethane	ND		2.0	0.80	ug/L			11/26/25 09:06	2
Dichlorodifluoromethane	ND		2.0	1.0	ug/L			11/26/25 09:06	2
Ethylbenzene	**0.73**	**J**	2.0	0.40	ug/L			11/26/25 09:06	2
Hexachlorobutadiene	ND		2.0	0.80	ug/L			11/26/25 09:06	2
Isopropylbenzene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Methyl-tert-butyl Ether (MTBE)	ND		2.0	0.80	ug/L			11/26/25 09:06	2
Methylene Chloride	ND		5.0	2.0	ug/L			11/26/25 09:06	2
n-Butylbenzene	ND		6.0	0.40	ug/L			11/26/25 09:06	2
N-Propylbenzene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Naphthalene	**1.1**	**J**	4.0	1.0	ug/L			11/26/25 09:06	2
sec-Butylbenzene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Styrene	ND		2.0	0.50	ug/L			11/26/25 09:06	2
tert-Butylbenzene	ND		2.0	0.80	ug/L			11/26/25 09:06	2
Tetrachloroethene (PCE)	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Toluene	**5.1**		2.0	0.40	ug/L			11/26/25 09:06	2
trans-1,2-Dichloroethene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
trans-1,3-Dichloropropene	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Trichloroethene (TCE)	ND		2.0	0.60	ug/L			11/26/25 09:06	2
Trichlorofluoromethane	ND		2.0	0.40	ug/L			11/26/25 09:06	2
Vinyl chloride	ND		2.0	0.60	ug/L			11/26/25 09:06	2
Xylenes, Total	**47**		3.0	0.40	ug/L			11/26/25 09:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*		*11/26/25 09:06*	*2*
Toluene-d8 (Surr)	*106*		*70 - 130*		*11/26/25 09:06*	*2*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*11/26/25 09:06*	*2*
Dibromofluoromethane (Surr)	*91*		*70 - 130*		*11/26/25 09:06*	*2*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**7.0**		0.94	0.75	ug/L		11/24/25 15:08	12/01/25 13:08	100

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.2**		1.0	0.70	mg/L		11/24/25 16:06	11/24/25 20:15	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		11/24/25 16:06	11/24/25 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*46 - 159*	*11/24/25 16:06*	*11/24/25 20:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65**		0.50	0.25	mg/L			11/21/25 17:58	1
Sulfate	**38**		0.50	0.39	mg/L			11/21/25 17:58	1
Nitrate Nitrite as N	**1.9**		1.0	0.11	mg/L			11/21/25 22:18	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**390**		50	25	mg/L			11/24/25 10:49	1

Method: 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-39068/5
Matrix: Water
Analysis Batch: 39068

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050	0.044	mg/L			11/26/25 06:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*11/26/25 06:39*	*1*

Lab Sample ID: LCS 885-39068/4
Matrix: Water
Analysis Batch: 39068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			0.500	0.462		mg/L		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-39063/4
Matrix: Water
Analysis Batch: 39063

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			11/26/25 06:39	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			11/26/25 06:39	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/26/25 06:39	1
1,1-Dichloroethene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			11/26/25 06:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/26/25 06:39	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			11/26/25 06:39	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			11/26/25 06:39	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
1-Methylnaphthalene	ND		4.0	1.0	ug/L			11/26/25 06:39	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			11/26/25 06:39	1
2-Butanone	ND		10	2.0	ug/L			11/26/25 06:39	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
2-Hexanone	ND		10	2.0	ug/L			11/26/25 06:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-39063/4
Matrix: Water
Analysis Batch: 39063

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		4.0	1.0	ug/L			11/26/25 06:39	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/26/25 06:39	1
Acetone	ND		10	2.5	ug/L			11/26/25 06:39	1
Benzene	ND		1.0	0.15	ug/L			11/26/25 06:39	1
Bromobenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Bromoform	ND		1.0	0.40	ug/L			11/26/25 06:39	1
Bromomethane	ND		3.0	2.0	ug/L			11/26/25 06:39	1
Carbon disulfide	ND		10	0.40	ug/L			11/26/25 06:39	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Chlorobenzene	ND		1.0	0.50	ug/L			11/26/25 06:39	1
Chloroethane	ND		2.0	0.40	ug/L			11/26/25 06:39	1
Chloroform	ND		1.0	0.25	ug/L			11/26/25 06:39	1
Chloromethane	ND		3.0	1.0	ug/L			11/26/25 06:39	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			11/26/25 06:39	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Dibromomethane	ND		1.0	0.40	ug/L			11/26/25 06:39	1
Dichlorodifluoromethane	ND		1.0	0.50	ug/L			11/26/25 06:39	1
Ethylbenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			11/26/25 06:39	1
Isopropylbenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			11/26/25 06:39	1
Methylene Chloride	ND		2.5	1.0	ug/L			11/26/25 06:39	1
n-Butylbenzene	ND		3.0	0.20	ug/L			11/26/25 06:39	1
N-Propylbenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Naphthalene	ND		2.0	0.50	ug/L			11/26/25 06:39	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Styrene	ND		1.0	0.25	ug/L			11/26/25 06:39	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/26/25 06:39	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Toluene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			11/26/25 06:39	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			11/26/25 06:39	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/26/25 06:39	1
Xylenes, Total	ND		1.5	0.20	ug/L			11/26/25 06:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*		*11/26/25 06:39*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/26/25 06:39*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*11/26/25 06:39*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*		*11/26/25 06:39*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 885-39063/3
Matrix: Water
Analysis Batch: 39063

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	15.6		ug/L		78	70 - 130
Benzene	20.0	17.3		ug/L		86	70 - 130
Chlorobenzene	20.0	20.5		ug/L		102	70 - 130
Toluene	20.0	21.7		ug/L		109	70 - 130
Trichloroethene (TCE)	20.0	16.3		ug/L		81	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*
Toluene-d8 (Surr)	*112*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*90*		*70 - 130*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-38931/3-A
Matrix: Water
Analysis Batch: 39057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		11/25/25 07:41	11/26/25 15:01	1

Lab Sample ID: LCS 885-38931/4-A
Matrix: Water
Analysis Batch: 39057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.100	0.117		ug/L		117	70 - 130

Lab Sample ID: LCSD 885-38931/5-A
Matrix: Water
Analysis Batch: 39057

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38931

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.100	0.122		ug/L		122	70 - 130	4	20

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-38988/1-A
Matrix: Water
Analysis Batch: 38938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38988

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.70	mg/L		11/24/25 16:06	11/24/25 19:40	1
Motor Oil Range Organics [C28-C40]	2.25	J	5.0	1.7	mg/L		11/24/25 16:06	11/24/25 19:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*46 - 159*	*11/24/25 16:06*	*11/24/25 19:40*	*1*

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-38988/2-A
Matrix: Water
Analysis Batch: 38938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38988

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			2.50	2.50		mg/L		100	57 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*118*		*46 - 159*

Lab Sample ID: 885-38080-2 MS
Matrix: Water
Analysis Batch: 38938

Client Sample ID: FY Raw
Prep Type: Total/NA
Prep Batch: 38988

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	1.2		2.50	3.78		mg/L		102	57 - 147		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*118*		*46 - 159*

Lab Sample ID: 885-38080-2 MSD
Matrix: Water
Analysis Batch: 38938

Client Sample ID: FY Raw
Prep Type: Total/NA
Prep Batch: 38988

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1.2		2.50	3.69		mg/L		98	57 - 147	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*116*		*46 - 159*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38826/4
Matrix: Water
Analysis Batch: 38826

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			11/21/25 11:27	1
Sulfate	ND		0.50	0.39	mg/L			11/21/25 11:27	1

Lab Sample ID: LCS 885-38826/5
Matrix: Water
Analysis Batch: 38826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.99		mg/L		100	90 - 110		
Sulfate			10.0	9.79		mg/L		98	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-38826/3
Matrix: Water
Analysis Batch: 38826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.526		mg/L		105	50 - 150
Sulfate	0.500	0.513		mg/L		103	50 - 150

Lab Sample ID: MB 885-38827/4
Matrix: Water
Analysis Batch: 38827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	0.022	mg/L			11/21/25 11:27	1

Lab Sample ID: LCS 885-38827/5
Matrix: Water
Analysis Batch: 38827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.47		mg/L		99	90 - 110
Nitrite as N	1.00	0.987		mg/L		99	90 - 110

Lab Sample ID: MRL 885-38827/3
Matrix: Water
Analysis Batch: 38827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.110		mg/L		110	50 - 150
Nitrite as N	0.100	0.107		mg/L		107	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-38954/1
Matrix: Water
Analysis Batch: 38954

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	25	mg/L			11/24/25 10:49	1

Lab Sample ID: LCS 885-38954/2
Matrix: Water
Analysis Batch: 38954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		100	80 - 120

GC/MS VOA

Analysis Batch: 39063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	8260B	
885-38080-2	FY Raw	Total/NA	Water	8260B	
MB 885-39063/4	Method Blank	Total/NA	Water	8260B	
LCS 885-39063/3	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 39068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	8015D	
885-38080-2	FY Raw	Total/NA	Water	8015D	
MB 885-39068/5	Method Blank	Total/NA	Water	8015D	
LCS 885-39068/4	Lab Control Sample	Total/NA	Water	8015D	

GC Semi VOA

Prep Batch: 38931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	8011	
885-38080-2	FY Raw	Total/NA	Water	8011	
MB 885-38931/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-38931/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-38931/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 38938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	8015M/D	38988
885-38080-2	FY Raw	Total/NA	Water	8015M/D	38988
MB 885-38988/1-A	Method Blank	Total/NA	Water	8015M/D	38988
LCS 885-38988/2-A	Lab Control Sample	Total/NA	Water	8015M/D	38988
885-38080-2 MS	FY Raw	Total/NA	Water	8015M/D	38988
885-38080-2 MSD	FY Raw	Total/NA	Water	8015M/D	38988

Prep Batch: 38988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	3511	
885-38080-2	FY Raw	Total/NA	Water	3511	
MB 885-38988/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-38988/2-A	Lab Control Sample	Total/NA	Water	3511	
885-38080-2 MS	FY Raw	Total/NA	Water	3511	
885-38080-2 MSD	FY Raw	Total/NA	Water	3511	

Analysis Batch: 39057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-38931/3-A	Method Blank	Total/NA	Water	8011	38931
LCS 885-38931/4-A	Lab Control Sample	Total/NA	Water	8011	38931
LCSD 885-38931/5-A	Lab Control Sample Dup	Total/NA	Water	8011	38931

Analysis Batch: 39175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	8011	38931
885-38080-2	FY Raw	Total/NA	Water	8011	38931

QC Association Summary

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station State Lead Site

Job ID: 885-38080-1

HPLC/IC

Analysis Batch: 38826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	300.0	
885-38080-2	FY Raw	Total/NA	Water	300.0	
MB 885-38826/4	Method Blank	Total/NA	Water	300.0	
LCS 885-38826/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-38826/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 38827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	300.0	
885-38080-2	FY Raw	Total/NA	Water	300.0	
MB 885-38827/4	Method Blank	Total/NA	Water	300.0	
LCS 885-38827/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-38827/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 38954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38080-1	FY Treated Eff	Total/NA	Water	2540C	
885-38080-2	FY Raw	Total/NA	Water	2540C	
MB 885-38954/1	Method Blank	Total/NA	Water	2540C	
LCS 885-38954/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-38080-1
Project/Site: Former Y Station State Lead Site

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-38080-1
Date Collected: 11/17/25 11:50
Matrix: Water
Date Received: 11/20/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015D		1	39068	CM	EET ALB	11/26/25 08:42
Total/NA	Analysis	8260B		1	39063	CM	EET ALB	11/26/25 08:42
Total/NA	Prep	8011			38931	MB	EET ALB	11/24/25 15:08
Total/NA	Analysis	8011		5	39175	DB	EET ALB	12/01/25 12:54
Total/NA	Prep	3511			38988	EM	EET ALB	11/24/25 16:06
Total/NA	Analysis	8015M/D		1	38938	EM	EET ALB	11/24/25 20:03
Total/NA	Analysis	300.0		1	38826	EH	EET ALB	11/21/25 17:36
Total/NA	Analysis	300.0		5	38827	EH	EET ALB	11/21/25 22:07
Total/NA	Analysis	2540C		1	38954	HR	EET ALB	11/24/25 10:49

Client Sample ID: FY Raw
Lab Sample ID: 885-38080-2
Date Collected: 11/17/25 12:50
Matrix: Water
Date Received: 11/20/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015D		2	39068	CM	EET ALB	11/26/25 09:06
Total/NA	Analysis	8260B		2	39063	CM	EET ALB	11/26/25 09:06
Total/NA	Prep	8011			38931	MB	EET ALB	11/24/25 15:08
Total/NA	Analysis	8011		100	39175	DB	EET ALB	12/01/25 13:08
Total/NA	Prep	3511			38988	EM	EET ALB	11/24/25 16:06
Total/NA	Analysis	8015M/D		1	38938	EM	EET ALB	11/24/25 20:15
Total/NA	Analysis	300.0		1	38826	EH	EET ALB	11/21/25 17:58
Total/NA	Analysis	300.0		5	38827	EH	EET ALB	11/21/25 22:18
Total/NA	Analysis	2540C		1	38954	HR	EET ALB	11/24/25 10:49

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-38080-1
Project/Site: Former Y Station State Lead Site

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
8011	8011	Water	1,2-Dibromoethane (EDB)
8015D		Water	Gasoline Range Organics [C6 - C10]
8015M/D	3511	Water	Diesel Range Organics [C10-C28]
8015M/D	3511	Water	Motor Oil Range Organics [C28-C40]
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-38080-1
Project/Site: Former Y Station State Lead Site

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D		Water	Gasoline Range Organics [C6 - C10]

Chain-of-Custody Record

Client: **Daniel B Stephens & Associates**

Mailing Address: **6501 Americas Parkway, STE 200**

Albuquerque, NM 87110

Phone #: **505-822-9400**

email or Fax#: **gherrmann@geo-logic.com**

QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: **Former Y Station State Lead Site**

Project #: **DB18.1157**

Project Manager: **Grace Herrmann**

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 1 Joe

Cooler Temp (including CF): 3.3 +0.2 = 3.5°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

885-38080 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	VOCs - EPA method 8260B	EDB - EPA method 504.1	TPH GRO/DRO - EPA method 8015B	Sulfate/Chloride - EPA method 300.0	Nitrate (as N) - EPA method 300.0	TDS - SM2540C	VOCs - EPA method 8021B	TPH GRO - EPA method 8015B
11/17/25	11:50	H_2O	FY Treated Eff	7-40ml 2-plastic 1-Amber	HCl, ThiO H_2SO_4		X	X	X	X	X	X		
11/17/25	12:50	H_2O	FY Raw	7-40ml 2-plastic, 1-Amber	HCl, ThiO, H_2SO_4		X	X	X	X	X	X		

Date	Time	Relinquished by	Received by	Via	Date	Time
11/18/25	12:00	Shannon Ahern		Fedex	11.20.25	10:15
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical repo

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc. Job Number: 885-38080-1

Login Number: 38080 **List Source: Eurofins Albuquerque**

List Number: 1

Creator: Dominguez, Desiree

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

Generated 12/16/2025 6:47:57 PM

JOB DESCRIPTION

Former Y Station

JOB NUMBER

885-38826-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Definitions/Glossary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-38826-1
Project/Site: Former Y Station

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
885-38826-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/4/2025 10:47 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

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

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

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

GC Semi VOA
Method 8011: The following samples were diluted due to abundance of target analytes :FY Raw (885-38826-1) and FY Treated Eff (885-38826-2). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

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

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

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

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-38826-1
Project/Site: Former Y Station

Client Sample ID: FY Raw
Lab Sample ID: 885-38826-1
Date Collected: 12/03/25 11:40
Matrix: Water
Date Received: 12/04/25 10:47

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L			12/05/25 19:46	2
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1,1,2,2-Tetrachloroethane	ND		4.0	0.82	ug/L			12/05/25 19:46	2
1,1,2-Trichloroethane	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1,1-Dichloroethane	ND		2.0	0.50	ug/L			12/05/25 19:46	2
1,1-Dichloroethene	ND		2.0	0.50	ug/L			12/05/25 19:46	2
1,1-Dichloropropene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1,2,3-Trichloropropane	ND		4.0	0.40	ug/L			12/05/25 19:46	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			12/05/25 19:46	2
1,2,4-Trimethylbenzene	**7.8**		2.0	0.40	ug/L			12/05/25 19:46	2
1,2-Dibromo-3-Chloropropane	ND		4.0	1.5	ug/L			12/05/25 19:46	2
1,2-Dibromoethane (EDB)	**14**		2.0	0.40	ug/L			12/05/25 19:46	2
1,2-Dichlorobenzene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1,2-Dichloroethane (EDC)	**77**		2.0	0.50	ug/L			12/05/25 19:46	2
1,2-Dichloropropane	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1,3,5-Trimethylbenzene	**20**		2.0	0.40	ug/L			12/05/25 19:46	2
1,3-Dichlorobenzene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1,3-Dichloropropane	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1,4-Dichlorobenzene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
1-Methylnaphthalene	ND		8.0	3.0	ug/L			12/05/25 19:46	2
2,2-Dichloropropane	ND		4.0	0.50	ug/L			12/05/25 19:46	2
2-Butanone	**14**	**J**	20	4.0	ug/L			12/05/25 19:46	2
2-Chlorotoluene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
2-Hexanone	**37**		20	4.0	ug/L			12/05/25 19:46	2
2-Methylnaphthalene	ND		8.0	3.0	ug/L			12/05/25 19:46	2
4-Chlorotoluene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
4-Isopropyltoluene	**0.42**	**J**	2.0	0.40	ug/L			12/05/25 19:46	2
4-Methyl-2-pentanone	**16**	**J**	20	4.0	ug/L			12/05/25 19:46	2
Acetone	**26**		20	17	ug/L			12/05/25 19:46	2
Benzene	**13**		2.0	0.30	ug/L			12/05/25 19:46	2
Bromobenzene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Bromodichloromethane	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Dibromochloromethane	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Bromoform	ND		2.0	0.80	ug/L			12/05/25 19:46	2
Bromomethane	ND		6.0	4.0	ug/L			12/05/25 19:46	2
Carbon disulfide	ND		20	2.0	ug/L			12/05/25 19:46	2
Carbon tetrachloride	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Chlorobenzene	ND		2.0	1.0	ug/L			12/05/25 19:46	2
Chloroethane	ND		4.0	0.80	ug/L			12/05/25 19:46	2
Chloroform	ND		2.0	0.50	ug/L			12/05/25 19:46	2
Chloromethane	ND		6.0	2.0	ug/L			12/05/25 19:46	2
cis-1,2-Dichloroethene	ND		2.0	0.80	ug/L			12/05/25 19:46	2
cis-1,3-Dichloropropene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Dibromomethane	ND		2.0	0.80	ug/L			12/05/25 19:46	2
Dichlorodifluoromethane	ND		2.0	2.0	ug/L			12/05/25 19:46	2
Ethylbenzene	**4.2**		2.0	0.40	ug/L			12/05/25 19:46	2
Hexachlorobutadiene	ND		2.0	0.80	ug/L			12/05/25 19:46	2
Isopropylbenzene	**1.6**	**J**	2.0	0.40	ug/L			12/05/25 19:46	2

Client Sample ID: FY Raw **Lab Sample ID: 885-38826-1**
Date Collected: 12/03/25 11:40 **Matrix: Water**
Date Received: 12/04/25 10:47

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		2.0	0.80	ug/L			12/05/25 19:46	2
Methylene Chloride	ND		5.0	2.0	ug/L			12/05/25 19:46	2
n-Butylbenzene	**0.41**	**J**	6.0	0.40	ug/L			12/05/25 19:46	2
N-Propylbenzene	**0.49**	**J**	2.0	0.40	ug/L			12/05/25 19:46	2
Naphthalene	**3.4**	**J**	4.0	2.0	ug/L			12/05/25 19:46	2
sec-Butylbenzene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Styrene	ND		2.0	0.50	ug/L			12/05/25 19:46	2
tert-Butylbenzene	ND		2.0	0.80	ug/L			12/05/25 19:46	2
Tetrachloroethene (PCE)	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Toluene	**11**		2.0	0.40	ug/L			12/05/25 19:46	2
trans-1,2-Dichloroethene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
trans-1,3-Dichloropropene	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Trichloroethene (TCE)	ND		2.0	0.60	ug/L			12/05/25 19:46	2
Trichlorofluoromethane	ND		2.0	0.40	ug/L			12/05/25 19:46	2
Vinyl chloride	ND		2.0	0.60	ug/L			12/05/25 19:46	2
Xylenes, Total	**180**		3.0	0.40	ug/L			12/05/25 19:46	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*12/05/25 19:46*	*2*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/05/25 19:46*	*2*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*12/05/25 19:46*	*2*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*12/05/25 19:46*	*2*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**1.5**		0.10	0.026	mg/L			12/10/25 17:04	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 196*		*12/10/25 17:04*	*2*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**18**		1.9	1.5	ug/L		12/05/25 07:58	12/09/25 11:22	200

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**3.1**		1.0	0.70	mg/L		12/04/25 15:46	12/04/25 20:10	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		12/04/25 15:46	12/04/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*46 - 159*	*12/04/25 15:46*	*12/04/25 20:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72**		0.50	0.25	mg/L			12/04/25 17:03	1
Nitrate as N	**1.1**		0.10	0.020	mg/L			12/04/25 17:03	1
Sulfate	**42**		0.50	0.39	mg/L			12/04/25 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**500**		50	25	mg/L			12/10/25 11:09	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-38826-1
Project/Site: Former Y Station

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-38826-2
Date Collected: 12/03/25 11:50
Matrix: Water
Date Received: 12/04/25 10:47

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			12/05/25 20:11	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			12/05/25 20:11	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			12/05/25 20:11	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			12/05/25 20:11	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			12/05/25 20:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			12/05/25 20:11	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			12/05/25 20:11	1
1,2-Dibromoethane (EDB)	**0.24**	**J**	1.0	0.20	ug/L			12/05/25 20:11	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,2-Dichloroethane (EDC)	**0.48**	**J**	1.0	0.25	ug/L			12/05/25 20:11	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			12/05/25 20:11	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			12/05/25 20:11	1
2-Butanone	**3.6**	**J**	10	2.0	ug/L			12/05/25 20:11	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
2-Hexanone	**10**		10	2.0	ug/L			12/05/25 20:11	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			12/05/25 20:11	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
4-Methyl-2-pentanone	**2.1**	**J**	10	2.0	ug/L			12/05/25 20:11	1
Acetone	ND		10	8.5	ug/L			12/05/25 20:11	1
Benzene	ND		1.0	0.15	ug/L			12/05/25 20:11	1
Bromobenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Bromoform	ND		1.0	0.40	ug/L			12/05/25 20:11	1
Bromomethane	ND		3.0	2.0	ug/L			12/05/25 20:11	1
Carbon disulfide	ND		10	1.0	ug/L			12/05/25 20:11	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Chlorobenzene	ND		1.0	0.50	ug/L			12/05/25 20:11	1
Chloroethane	ND		2.0	0.40	ug/L			12/05/25 20:11	1
Chloroform	ND		1.0	0.25	ug/L			12/05/25 20:11	1
Chloromethane	ND		3.0	1.0	ug/L			12/05/25 20:11	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			12/05/25 20:11	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Dibromomethane	ND		1.0	0.40	ug/L			12/05/25 20:11	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			12/05/25 20:11	1
Ethylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			12/05/25 20:11	1
Isopropylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1

Client Sample ID: FY Treated Eff **Lab Sample ID: 885-38826-2**
Date Collected: 12/03/25 11:50 **Matrix: Water**
Date Received: 12/04/25 10:47

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			12/05/25 20:11	1
Methylene Chloride	ND		2.5	1.0	ug/L			12/05/25 20:11	1
n-Butylbenzene	ND		3.0	0.20	ug/L			12/05/25 20:11	1
N-Propylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Naphthalene	ND		2.0	1.0	ug/L			12/05/25 20:11	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Styrene	ND		1.0	0.25	ug/L			12/05/25 20:11	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			12/05/25 20:11	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Toluene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			12/05/25 20:11	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			12/05/25 20:11	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/05/25 20:11	1
Xylenes, Total	ND		1.5	0.20	ug/L			12/05/25 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*12/05/25 20:11*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*12/05/25 20:11*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*12/05/25 20:11*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*12/05/25 20:11*	*1*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**0.059**		0.050	0.013	mg/L			12/10/25 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 196*		*12/10/25 17:26*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.22**		0.094	0.075	ug/L		12/05/25 07:58	12/09/25 11:36	10

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.9**		1.0	0.70	mg/L		12/04/25 15:46	12/04/25 20:22	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		12/04/25 15:46	12/04/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*46 - 159*	*12/04/25 15:46*	*12/04/25 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73**		0.50	0.25	mg/L			12/04/25 17:47	1
Nitrate as N	**1.1**		0.10	0.020	mg/L			12/04/25 17:47	1
Sulfate	**43**		0.50	0.39	mg/L			12/04/25 17:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**460**		50	25	mg/L			12/10/25 11:09	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-38826-1
Project/Site: Former Y Station

Client Sample ID: Trip Blank **Lab Sample ID: 885-38826-3**
Date Collected: 12/03/25 00:00 **Matrix: Water**
Date Received: 12/04/25 10:47

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			12/05/25 20:36	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			12/05/25 20:36	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			12/05/25 20:36	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			12/05/25 20:36	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			12/05/25 20:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			12/05/25 20:36	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			12/05/25 20:36	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			12/05/25 20:36	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			12/05/25 20:36	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			12/05/25 20:36	1
2-Butanone	ND		10	2.0	ug/L			12/05/25 20:36	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
2-Hexanone	ND		10	2.0	ug/L			12/05/25 20:36	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			12/05/25 20:36	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			12/05/25 20:36	1
Acetone	ND		10	8.5	ug/L			12/05/25 20:36	1
Benzene	ND		1.0	0.15	ug/L			12/05/25 20:36	1
Bromobenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Bromoform	ND		1.0	0.40	ug/L			12/05/25 20:36	1
Bromomethane	ND		3.0	2.0	ug/L			12/05/25 20:36	1
Carbon disulfide	ND		10	1.0	ug/L			12/05/25 20:36	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Chlorobenzene	ND		1.0	0.50	ug/L			12/05/25 20:36	1
Chloroethane	ND		2.0	0.40	ug/L			12/05/25 20:36	1
Chloroform	ND		1.0	0.25	ug/L			12/05/25 20:36	1
Chloromethane	ND		3.0	1.0	ug/L			12/05/25 20:36	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			12/05/25 20:36	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Dibromomethane	ND		1.0	0.40	ug/L			12/05/25 20:36	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			12/05/25 20:36	1
Ethylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			12/05/25 20:36	1
Isopropylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-38826-1
Project/Site: Former Y Station

Client Sample ID: Trip Blank **Lab Sample ID: 885-38826-3**
Date Collected: 12/03/25 00:00 **Matrix: Water**
Date Received: 12/04/25 10:47

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			12/05/25 20:36	1
Methylene Chloride	ND		2.5	1.0	ug/L			12/05/25 20:36	1
n-Butylbenzene	ND		3.0	0.20	ug/L			12/05/25 20:36	1
N-Propylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Naphthalene	ND		2.0	1.0	ug/L			12/05/25 20:36	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Styrene	ND		1.0	0.25	ug/L			12/05/25 20:36	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			12/05/25 20:36	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Toluene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			12/05/25 20:36	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			12/05/25 20:36	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/05/25 20:36	1
Xylenes, Total	ND		1.5	0.20	ug/L			12/05/25 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*12/05/25 20:36*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/05/25 20:36*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*12/05/25 20:36*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*12/05/25 20:36*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0094	0.0075	ug/L		12/05/25 07:58	12/08/25 20:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-39480/4
Matrix: Water
Analysis Batch: 39480

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			12/05/25 13:11	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			12/05/25 13:11	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			12/05/25 13:11	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			12/05/25 13:11	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			12/05/25 13:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			12/05/25 13:11	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			12/05/25 13:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			12/05/25 13:11	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			12/05/25 13:11	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			12/05/25 13:11	1
2-Butanone	ND		10	2.0	ug/L			12/05/25 13:11	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
2-Hexanone	ND		10	2.0	ug/L			12/05/25 13:11	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			12/05/25 13:11	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			12/05/25 13:11	1
Acetone	ND		10	8.5	ug/L			12/05/25 13:11	1
Benzene	ND		1.0	0.15	ug/L			12/05/25 13:11	1
Bromobenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Bromoform	ND		1.0	0.40	ug/L			12/05/25 13:11	1
Bromomethane	ND		3.0	2.0	ug/L			12/05/25 13:11	1
Carbon disulfide	ND		10	1.0	ug/L			12/05/25 13:11	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Chlorobenzene	ND		1.0	0.50	ug/L			12/05/25 13:11	1
Chloroethane	ND		2.0	0.40	ug/L			12/05/25 13:11	1
Chloroform	ND		1.0	0.25	ug/L			12/05/25 13:11	1
Chloromethane	ND		3.0	1.0	ug/L			12/05/25 13:11	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			12/05/25 13:11	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Dibromomethane	ND		1.0	0.40	ug/L			12/05/25 13:11	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			12/05/25 13:11	1
Ethylbenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			12/05/25 13:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-39480/4
Matrix: Water
Analysis Batch: 39480

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			12/05/25 13:11	1
Methylene Chloride	ND		2.5	1.0	ug/L			12/05/25 13:11	1
n-Butylbenzene	ND		3.0	0.20	ug/L			12/05/25 13:11	1
N-Propylbenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Naphthalene	ND		2.0	1.0	ug/L			12/05/25 13:11	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Styrene	ND		1.0	0.25	ug/L			12/05/25 13:11	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			12/05/25 13:11	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Toluene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			12/05/25 13:11	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			12/05/25 13:11	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/05/25 13:11	1
Xylenes, Total	ND		1.5	0.20	ug/L			12/05/25 13:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*12/05/25 13:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/05/25 13:11*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*12/05/25 13:11*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*12/05/25 13:11*	*1*

Lab Sample ID: LCS 885-39480/3
Matrix: Water
Analysis Batch: 39480

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	17.6		ug/L		88	70 - 130		
Benzene			20.0	18.7		ug/L		93	70 - 130		
Chlorobenzene			20.0	21.3		ug/L		107	70 - 130		
Toluene			20.0	20.6		ug/L		103	70 - 130		
Trichloroethene (TCE)			20.0	18.3		ug/L		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-39689/4
Matrix: Water
Analysis Batch: 39689

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050	0.013	mg/L			12/10/25 15:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 196*		*12/10/25 15:59*	*1*

Lab Sample ID: LCS 885-39689/3
Matrix: Water
Analysis Batch: 39689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	0.500	0.525		mg/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*214*		*15 - 196*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-39433/3-A
Matrix: Water
Analysis Batch: 39473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		12/05/25 07:58	12/06/25 00:05	1

Lab Sample ID: LCS 885-39433/4-A
Matrix: Water
Analysis Batch: 39473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.100	0.113		ug/L		113	70 - 130

Lab Sample ID: LCSD 885-39433/5-A
Matrix: Water
Analysis Batch: 39473

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.100	0.113		ug/L		113	70 - 130	0	20

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-39416/1-A
Matrix: Water
Analysis Batch: 39374

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39416

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.70	mg/L		12/04/25 14:49	12/04/25 17:10	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		12/04/25 14:49	12/04/25 17:10	1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-39416/1-A
Matrix: Water
Analysis Batch: 39374

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39416

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		46 - 159	12/04/25 14:49	12/04/25 17:10	1

Lab Sample ID: LCS 885-39416/2-A
Matrix: Water
Analysis Batch: 39374

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	2.50	3.05		mg/L		122	57 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	128		46 - 159

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-39377/4
Matrix: Water
Analysis Batch: 39377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			12/04/25 11:38	1
Sulfate	ND		0.50	0.39	mg/L			12/04/25 11:38	1

Lab Sample ID: LCS 885-39377/5
Matrix: Water
Analysis Batch: 39377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.91		mg/L		98	90 - 110
Sulfate	10.0	9.61		mg/L		96	90 - 110

Lab Sample ID: MRL 885-39377/3
Matrix: Water
Analysis Batch: 39377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.532		mg/L		106	50 - 150
Sulfate	0.500	0.507		mg/L		101	50 - 150

Lab Sample ID: MB 885-39378/4
Matrix: Water
Analysis Batch: 39378

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.020	mg/L			12/04/25 11:38	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-39378/5
Matrix: Water
Analysis Batch: 39378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.42		mg/L		97	90 - 110

Lab Sample ID: MRL 885-39378/3
Matrix: Water
Analysis Batch: 39378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.109		mg/L		109	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-39667/1
Matrix: Water
Analysis Batch: 39667

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	25	mg/L			12/10/25 11:09	1

Lab Sample ID: LCS 885-39667/2
Matrix: Water
Analysis Batch: 39667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120

GC/MS VOA

Analysis Batch: 39480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	8260B	
885-38826-2	FY Treated Eff	Total/NA	Water	8260B	
885-38826-3	Trip Blank	Total/NA	Water	8260B	
MB 885-39480/4	Method Blank	Total/NA	Water	8260B	
LCS 885-39480/3	Lab Control Sample	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 39689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	8015M/D	
885-38826-2	FY Treated Eff	Total/NA	Water	8015M/D	
MB 885-39689/4	Method Blank	Total/NA	Water	8015M/D	
LCS 885-39689/3	Lab Control Sample	Total/NA	Water	8015M/D	

GC Semi VOA

Analysis Batch: 39374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	8015M/D	39416
885-38826-2	FY Treated Eff	Total/NA	Water	8015M/D	39416
MB 885-39416/1-A	Method Blank	Total/NA	Water	8015M/D	39416
LCS 885-39416/2-A	Lab Control Sample	Total/NA	Water	8015M/D	39416

Prep Batch: 39416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	3511	
885-38826-2	FY Treated Eff	Total/NA	Water	3511	
MB 885-39416/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-39416/2-A	Lab Control Sample	Total/NA	Water	3511	

Prep Batch: 39433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	8011	
885-38826-2	FY Treated Eff	Total/NA	Water	8011	
885-38826-3	Trip Blank	Total/NA	Water	8011	
MB 885-39433/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-39433/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-39433/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 39473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-39433/3-A	Method Blank	Total/NA	Water	8011	39433
LCS 885-39433/4-A	Lab Control Sample	Total/NA	Water	8011	39433
LCSD 885-39433/5-A	Lab Control Sample Dup	Total/NA	Water	8011	39433

Analysis Batch: 39562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-3	Trip Blank	Total/NA	Water	8011	39433

QC Association Summary

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station

Job ID: 885-38826-1

GC Semi VOA

Analysis Batch: 39572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	8011	39433
885-38826-2	FY Treated Eff	Total/NA	Water	8011	39433

HPLC/IC

Analysis Batch: 39377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	300.0	
885-38826-2	FY Treated Eff	Total/NA	Water	300.0	
MB 885-39377/4	Method Blank	Total/NA	Water	300.0	
LCS 885-39377/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-39377/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 39378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	300.0	
885-38826-2	FY Treated Eff	Total/NA	Water	300.0	
MB 885-39378/4	Method Blank	Total/NA	Water	300.0	
LCS 885-39378/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-39378/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 39667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38826-1	FY Raw	Total/NA	Water	2540C	
885-38826-2	FY Treated Eff	Total/NA	Water	2540C	
MB 885-39667/1	Method Blank	Total/NA	Water	2540C	
LCS 885-39667/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station

Job ID: 885-38826-1

Client Sample ID: FY Raw

Lab Sample ID: 885-38826-1

Date Collected: 12/03/25 11:40

Matrix: Water

Date Received: 12/04/25 10:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	39480	CM	EET ALB	12/05/25 19:46
Total/NA	Analysis	8015M/D		2	39689	RA	EET ALB	12/10/25 17:04
Total/NA	Prep	8011			39433	MB	EET ALB	12/05/25 07:58
Total/NA	Analysis	8011		200	39572	MB	EET ALB	12/09/25 11:22
Total/NA	Prep	3511			39416	BV	EET ALB	12/04/25 15:46
Total/NA	Analysis	8015M/D		1	39374	BV	EET ALB	12/04/25 20:10
Total/NA	Analysis	300.0		1	39377	EH	EET ALB	12/04/25 17:03
Total/NA	Analysis	300.0		1	39378	EH	EET ALB	12/04/25 17:03
Total/NA	Analysis	2540C		1	39667	HR	EET ALB	12/10/25 11:09

Client Sample ID: FY Treated Eff

Lab Sample ID: 885-38826-2

Date Collected: 12/03/25 11:50

Matrix: Water

Date Received: 12/04/25 10:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	39480	CM	EET ALB	12/05/25 20:11
Total/NA	Analysis	8015M/D		1	39689	RA	EET ALB	12/10/25 17:26
Total/NA	Prep	8011			39433	MB	EET ALB	12/05/25 07:58
Total/NA	Analysis	8011		10	39572	MB	EET ALB	12/09/25 11:36
Total/NA	Prep	3511			39416	BV	EET ALB	12/04/25 15:46
Total/NA	Analysis	8015M/D		1	39374	BV	EET ALB	12/04/25 20:22
Total/NA	Analysis	300.0		1	39377	EH	EET ALB	12/04/25 17:47
Total/NA	Analysis	300.0		1	39378	EH	EET ALB	12/04/25 17:47
Total/NA	Analysis	2540C		1	39667	HR	EET ALB	12/10/25 11:09

Client Sample ID: Trip Blank

Lab Sample ID: 885-38826-3

Date Collected: 12/03/25 00:00

Matrix: Water

Date Received: 12/04/25 10:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	39480	CM	EET ALB	12/05/25 20:36
Total/NA	Prep	8011			39433	MB	EET ALB	12/05/25 07:58
Total/NA	Analysis	8011		1	39562	MB	EET ALB	12/08/25 20:55

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-38826-1
Project/Site: Former Y Station

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate as N
300.0		Water	Sulfate
8011	8011	Water	1,2-Dibromoethane (EDB)
8015M/D		Water	Gasoline Range Organics [C6 - C10]
8015M/D	3511	Water	Diesel Range Organics [C10-C28]
8015M/D	3511	Water	Motor Oil Range Organics [C28-C40]
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-38826-1
Project/Site: Former Y Station

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Chain-of-Custody Record

Client: DBSA

Mailing Address: 6501 Americas Parkway NE
Suite 200, Albuquerque NM 87110

Phone #: 505-822-9400

email or Fax#: Gherrmann@geo-logic.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Former Y Station

Project #: DB18.1157

Project Manager: Grace Herrmann

Sampler: Brandon Constand
On Ice: ☑ Yes ☐ No
# of Coolers: 1 Abby
Cooler Temp(including CF): 1.5+0.3=1.8(°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM
Tel. 505-345-3975 Fax 505-345-4107

885-38826 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
12/3/25	11:40	H2O	FY Raw	7 voa's / 1-Amber / 1-Poly	HCl / H2SO4 50TH	-1
"	11:50	"	FY Treated Eff			-2
			Trip Blank			-3

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Sulfate/Chloride 300.0	Nitrate (as N) 300.0	TDS SM2540C	TPH-GRO 8015B	TPH-DRO (screened in lab)
			X				X			X	X	X	X	X
			X				X			X	X	X	X	X

Date	Time	Relinquished by	Received by	Via	Date	Time
12/4/25	10:47			CDO	12/4/25	10:47
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc.

Job Number: 885-38826-1

Login Number: 38826

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

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JOB DESCRIPTION

Former Y Station Lead Site

JOB NUMBER

885-39829-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Definitions/Glossary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-39829-1
Project/Site: Former Y Station Lead Site

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
885-39829-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/17/2025 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 885-40594 recovered above the upper control limit for Bromomethane and Dichlorodifluoromethane. The RL was raised for the samples associated with this CCV due to system contamination, therefore, the data have been reported.

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

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

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

GC Semi VOA
Method 8011: The following sample was diluted due to the abundance of target analytes resulting in the surrogate being reported as diluted out.: FY Raw (885-39829-2)

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

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

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

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station Lead Site

Job ID: 885-39829-1

Client Sample ID: FY Treated Eff
Date Collected: 12/15/25 17:20
Date Received: 12/17/25 11:45

Lab Sample ID: 885-39829-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			12/29/25 17:04	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			12/29/25 17:04	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			12/29/25 17:04	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			12/29/25 17:04	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			12/29/25 17:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			12/29/25 17:04	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			12/29/25 17:04	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			12/29/25 17:04	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			12/29/25 17:04	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			12/29/25 17:04	1
2-Butanone	ND		10	2.0	ug/L			12/29/25 17:04	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
2-Hexanone	**6.3**	**J**	10	2.0	ug/L			12/29/25 17:04	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			12/29/25 17:04	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			12/29/25 17:04	1
Acetone	ND		10	8.5	ug/L			12/29/25 17:04	1
Benzene	ND		1.0	0.15	ug/L			12/29/25 17:04	1
Bromobenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Bromoform	ND		1.0	0.40	ug/L			12/29/25 17:04	1
Bromomethane	ND		3.0	3.0	ug/L			12/29/25 17:04	1
Carbon disulfide	ND		10	1.0	ug/L			12/29/25 17:04	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Chlorobenzene	ND		1.0	0.50	ug/L			12/29/25 17:04	1
Chloroethane	ND		2.0	0.40	ug/L			12/29/25 17:04	1
Chloroform	ND		1.0	0.25	ug/L			12/29/25 17:04	1
Chloromethane	ND		3.0	1.0	ug/L			12/29/25 17:04	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			12/29/25 17:04	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Dibromomethane	ND		1.0	0.40	ug/L			12/29/25 17:04	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			12/29/25 17:04	1
Ethylbenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			12/29/25 17:04	1
Isopropylbenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1

Client Sample ID: FY Treated Eff **Lab Sample ID: 885-39829-1**
Date Collected: 12/15/25 17:20 **Matrix: Water**
Date Received: 12/17/25 11:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			12/29/25 17:04	1
Methylene Chloride	ND		2.5	1.0	ug/L			12/29/25 17:04	1
n-Butylbenzene	ND		3.0	0.20	ug/L			12/29/25 17:04	1
N-Propylbenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Naphthalene	ND		2.0	1.0	ug/L			12/29/25 17:04	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Styrene	ND		1.0	0.25	ug/L			12/29/25 17:04	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			12/29/25 17:04	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Toluene	**0.24**	**J**	1.0	0.20	ug/L			12/29/25 17:04	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			12/29/25 17:04	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			12/29/25 17:04	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/25 17:04	1
Xylenes, Total	ND		1.5	0.20	ug/L			12/29/25 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*12/29/25 17:04*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*12/29/25 17:04*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*12/29/25 17:04*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*12/29/25 17:04*	*1*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**0.056**		0.050	0.013	mg/L			12/27/25 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 196*		*12/27/25 05:39*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.086**		0.0095	0.0076	ug/L		12/22/25 09:13	12/23/25 01:41	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.0**		1.0	0.70	mg/L		12/18/25 08:35	12/18/25 17:04	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		12/18/25 08:35	12/18/25 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*46 - 159*	*12/18/25 08:35*	*12/18/25 17:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75**		0.50	0.25	mg/L			12/19/25 13:25	1
Sulfate	**43**		0.50	0.39	mg/L			12/19/25 13:25	1
Nitrate Nitrite as N	**0.61**		0.50	0.11	mg/L			12/19/25 22:58	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**490**		50	25	mg/L			12/19/25 14:46	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-39829-1
Project/Site: Former Y Station Lead Site

Client Sample ID: FY Raw
Lab Sample ID: 885-39829-2
Date Collected: 12/15/25 16:15
Matrix: Water
Date Received: 12/17/25 11:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L			12/29/25 17:29	2
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1,1,2,2-Tetrachloroethane	ND		4.0	0.82	ug/L			12/29/25 17:29	2
1,1,2-Trichloroethane	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1,1-Dichloroethane	ND		2.0	0.50	ug/L			12/29/25 17:29	2
1,1-Dichloroethene	ND		2.0	0.50	ug/L			12/29/25 17:29	2
1,1-Dichloropropene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1,2,3-Trichloropropane	ND		4.0	0.40	ug/L			12/29/25 17:29	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			12/29/25 17:29	2
1,2,4-Trimethylbenzene	**45**		2.0	0.40	ug/L			12/29/25 17:29	2
1,2-Dibromo-3-Chloropropane	ND		4.0	1.5	ug/L			12/29/25 17:29	2
1,2-Dibromoethane (EDB)	**16**		2.0	0.40	ug/L			12/29/25 17:29	2
1,2-Dichlorobenzene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1,2-Dichloroethane (EDC)	**73**		2.0	0.50	ug/L			12/29/25 17:29	2
1,2-Dichloropropane	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1,3,5-Trimethylbenzene	**29**		2.0	0.40	ug/L			12/29/25 17:29	2
1,3-Dichlorobenzene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1,3-Dichloropropane	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1,4-Dichlorobenzene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
1-Methylnaphthalene	ND		8.0	3.0	ug/L			12/29/25 17:29	2
2,2-Dichloropropane	ND		4.0	0.50	ug/L			12/29/25 17:29	2
2-Butanone	**9.8**	**J**	20	4.0	ug/L			12/29/25 17:29	2
2-Chlorotoluene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
2-Hexanone	**51**		20	4.0	ug/L			12/29/25 17:29	2
2-Methylnaphthalene	ND		8.0	3.0	ug/L			12/29/25 17:29	2
4-Chlorotoluene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
4-Isopropyltoluene	**0.56**	**J**	2.0	0.40	ug/L			12/29/25 17:29	2
4-Methyl-2-pentanone	**19**	**J**	20	4.0	ug/L			12/29/25 17:29	2
Acetone	**19**	**J**	20	17	ug/L			12/29/25 17:29	2
Benzene	**37**		2.0	0.30	ug/L			12/29/25 17:29	2
Bromobenzene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
Bromodichloromethane	ND		2.0	0.40	ug/L			12/29/25 17:29	2
Dibromochloromethane	ND		2.0	0.40	ug/L			12/29/25 17:29	2
Bromoform	ND		2.0	0.80	ug/L			12/29/25 17:29	2
Bromomethane	ND		6.0	6.0	ug/L			12/29/25 17:29	2
Carbon disulfide	ND		20	2.0	ug/L			12/29/25 17:29	2
Carbon tetrachloride	ND		2.0	0.40	ug/L			12/29/25 17:29	2
Chlorobenzene	ND		2.0	1.0	ug/L			12/29/25 17:29	2
Chloroethane	ND		4.0	0.80	ug/L			12/29/25 17:29	2
Chloroform	ND		2.0	0.50	ug/L			12/29/25 17:29	2
Chloromethane	ND		6.0	2.0	ug/L			12/29/25 17:29	2
cis-1,2-Dichloroethene	ND		2.0	0.80	ug/L			12/29/25 17:29	2
cis-1,3-Dichloropropene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
Dibromomethane	ND		2.0	0.80	ug/L			12/29/25 17:29	2
Dichlorodifluoromethane	ND		2.0	2.0	ug/L			12/29/25 17:29	2
Ethylbenzene	**7.5**		2.0	0.40	ug/L			12/29/25 17:29	2
Hexachlorobutadiene	ND		2.0	0.80	ug/L			12/29/25 17:29	2
Isopropylbenzene	**2.4**		2.0	0.40	ug/L			12/29/25 17:29	2

Client Sample ID: FY Raw **Lab Sample ID: 885-39829-2**
Date Collected: 12/15/25 16:15 **Matrix: Water**
Date Received: 12/17/25 11:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	**1.2**	**J**	2.0	0.80	ug/L			12/29/25 17:29	2
Methylene Chloride	ND		5.0	2.0	ug/L			12/29/25 17:29	2
n-Butylbenzene	ND		6.0	0.40	ug/L			12/29/25 17:29	2
N-Propylbenzene	**1.2**	**J**	2.0	0.40	ug/L			12/29/25 17:29	2
Naphthalene	**5.5**		4.0	2.0	ug/L			12/29/25 17:29	2
sec-Butylbenzene	**0.51**	**J**	2.0	0.40	ug/L			12/29/25 17:29	2
Styrene	ND		2.0	0.50	ug/L			12/29/25 17:29	2
tert-Butylbenzene	ND		2.0	0.80	ug/L			12/29/25 17:29	2
Tetrachloroethene (PCE)	ND		2.0	0.40	ug/L			12/29/25 17:29	2
Toluene	**26**		2.0	0.40	ug/L			12/29/25 17:29	2
trans-1,2-Dichloroethene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
trans-1,3-Dichloropropene	ND		2.0	0.40	ug/L			12/29/25 17:29	2
Trichloroethene (TCE)	ND		2.0	0.60	ug/L			12/29/25 17:29	2
Trichlorofluoromethane	ND		2.0	0.40	ug/L			12/29/25 17:29	2
Vinyl chloride	ND		2.0	0.60	ug/L			12/29/25 17:29	2
Xylenes, Total	**370**		3.0	0.40	ug/L			12/29/25 17:29	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*12/29/25 17:29*	*2*
Toluene-d8 (Surr)	*95*		*70 - 130*		*12/29/25 17:29*	*2*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*12/29/25 17:29*	*2*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*12/29/25 17:29*	*2*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**2.0**		0.25	0.066	mg/L			12/27/25 08:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 196*		*12/27/25 08:33*	*5*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**20**		1.9	1.5	ug/L		12/29/25 07:52	12/30/25 12:04	200

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.0**		1.0	0.70	mg/L		12/18/25 08:35	12/18/25 17:16	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		12/18/25 08:35	12/18/25 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*46 - 159*	*12/18/25 08:35*	*12/18/25 17:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75**		0.50	0.25	mg/L			12/19/25 13:52	1
Sulfate	**42**		0.50	0.39	mg/L			12/19/25 13:52	1
Nitrate Nitrite as N	**0.83**		0.50	0.11	mg/L			12/19/25 23:12	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**480**		50	25	mg/L			12/19/25 14:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-40594/6
Matrix: Water
Analysis Batch: 40594

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			12/29/25 13:20	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			12/29/25 13:20	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			12/29/25 13:20	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			12/29/25 13:20	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			12/29/25 13:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			12/29/25 13:20	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			12/29/25 13:20	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			12/29/25 13:20	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			12/29/25 13:20	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			12/29/25 13:20	1
2-Butanone	ND		10	2.0	ug/L			12/29/25 13:20	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
2-Hexanone	ND		10	2.0	ug/L			12/29/25 13:20	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			12/29/25 13:20	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			12/29/25 13:20	1
Acetone	ND		10	8.5	ug/L			12/29/25 13:20	1
Benzene	ND		1.0	0.15	ug/L			12/29/25 13:20	1
Bromobenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Bromoform	ND		1.0	0.40	ug/L			12/29/25 13:20	1
Bromomethane	ND		3.0	3.0	ug/L			12/29/25 13:20	1
Carbon disulfide	ND		10	1.0	ug/L			12/29/25 13:20	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Chlorobenzene	ND		1.0	0.50	ug/L			12/29/25 13:20	1
Chloroethane	ND		2.0	0.40	ug/L			12/29/25 13:20	1
Chloroform	ND		1.0	0.25	ug/L			12/29/25 13:20	1
Chloromethane	ND		3.0	1.0	ug/L			12/29/25 13:20	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			12/29/25 13:20	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Dibromomethane	ND		1.0	0.40	ug/L			12/29/25 13:20	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			12/29/25 13:20	1
Ethylbenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			12/29/25 13:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-40594/6
Matrix: Water
Analysis Batch: 40594

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			12/29/25 13:20	1
Methylene Chloride	ND		2.5	1.0	ug/L			12/29/25 13:20	1
n-Butylbenzene	ND		3.0	0.20	ug/L			12/29/25 13:20	1
N-Propylbenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Naphthalene	ND		2.0	1.0	ug/L			12/29/25 13:20	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Styrene	ND		1.0	0.25	ug/L			12/29/25 13:20	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			12/29/25 13:20	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Toluene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			12/29/25 13:20	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			12/29/25 13:20	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/25 13:20	1
Xylenes, Total	ND		1.5	0.20	ug/L			12/29/25 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*12/29/25 13:20*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*12/29/25 13:20*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*12/29/25 13:20*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*12/29/25 13:20*	*1*

Lab Sample ID: LCS 885-40594/5
Matrix: Water
Analysis Batch: 40594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	19.6		ug/L		98	70 - 130		
Benzene			20.0	19.0		ug/L		95	70 - 130		
Chlorobenzene			20.0	20.1		ug/L		100	70 - 130		
Toluene			20.0	21.1		ug/L		105	70 - 130		
Trichloroethene (TCE)			20.0	18.2		ug/L		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*117*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-40524/42
Matrix: Water
Analysis Batch: 40524

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050	0.013	mg/L			12/27/25 00:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 196*		*12/27/25 00:56*	*1*

Lab Sample ID: LCS 885-40524/41
Matrix: Water
Analysis Batch: 40524

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	0.500	0.458		mg/L		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*190*		*15 - 196*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MRL 885-40295/1-A
Matrix: Water
Analysis Batch: 40317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40295

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0100	0.0133		ug/L		133	60 - 140

Lab Sample ID: MB 885-40296/3-A
Matrix: Water
Analysis Batch: 40317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40296

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		12/22/25 09:13	12/22/25 22:50	1

Lab Sample ID: LCS 885-40296/4-A
Matrix: Water
Analysis Batch: 40317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.100	0.122		ug/L		122	70 - 130

Lab Sample ID: LCSD 885-40296/5-A
Matrix: Water
Analysis Batch: 40317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 40296

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.100	0.117		ug/L		117	70 - 130	4	20

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-40133/1-A
Matrix: Water
Analysis Batch: 40129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40133

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.70	mg/L		12/18/25 08:35	12/18/25 15:30	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		12/18/25 08:35	12/18/25 15:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*46 - 159*	*12/18/25 08:35*	*12/18/25 15:30*	*1*

Lab Sample ID: LCS 885-40133/2-A
Matrix: Water
Analysis Batch: 40129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40133

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	2.50	2.36		mg/L		94	57 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*108*		*46 - 159*

Lab Sample ID: 885-39829-2 MS
Matrix: Water
Analysis Batch: 40129

Client Sample ID: FY Raw
Prep Type: Total/NA
Prep Batch: 40133

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	2.0		2.50	4.67		mg/L		109	57 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*106*		*46 - 159*

Lab Sample ID: 885-39829-2 MSD
Matrix: Water
Analysis Batch: 40129

Client Sample ID: FY Raw
Prep Type: Total/NA
Prep Batch: 40133

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2.0		2.50	4.78		mg/L		113	57 - 147	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*106*		*46 - 159*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-40147/4
Matrix: Water
Analysis Batch: 40147

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			12/19/25 11:08	1
Sulfate	ND		0.50	0.39	mg/L			12/19/25 11:08	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-40147/5
Matrix: Water
Analysis Batch: 40147

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.88		mg/L		98	90 - 110
Sulfate	10.0	9.78		mg/L		98	90 - 110

Lab Sample ID: MRL 885-40147/3
Matrix: Water
Analysis Batch: 40147

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.518		mg/L		104	50 - 150
Sulfate	0.500	0.524		mg/L		105	50 - 150

Lab Sample ID: MB 885-40148/4
Matrix: Water
Analysis Batch: 40148

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.10	0.022	mg/L			12/19/25 11:08	1

Lab Sample ID: LCS 885-40148/5
Matrix: Water
Analysis Batch: 40148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.46		mg/L		98	90 - 110
Nitrite as N	1.00	0.966		mg/L		97	90 - 110

Lab Sample ID: MRL 885-40148/3
Matrix: Water
Analysis Batch: 40148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.101		mg/L		101	50 - 150
Nitrite as N	0.100	0.109		mg/L		109	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-40242/1
Matrix: Water
Analysis Batch: 40242

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	25	mg/L			12/19/25 14:46	1

Lab Sample ID: LCS 885-40242/2
Matrix: Water
Analysis Batch: 40242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1030		mg/L		103	80 - 120

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-39829-1
Project/Site: Former Y Station Lead Site

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 885-39829-1 DU **Client Sample ID: FY Treated Eff**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 40242

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	490			443		mg/L				10	10

GC/MS VOA

Analysis Batch: 40594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	8260B	
885-39829-2	FY Raw	Total/NA	Water	8260B	
MB 885-40594/6	Method Blank	Total/NA	Water	8260B	
LCS 885-40594/5	Lab Control Sample	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 40524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	8015M/D	
885-39829-2	FY Raw	Total/NA	Water	8015M/D	
MB 885-40524/42	Method Blank	Total/NA	Water	8015M/D	
LCS 885-40524/41	Lab Control Sample	Total/NA	Water	8015M/D	

GC Semi VOA

Analysis Batch: 40129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	8015M/D	40133
885-39829-2	FY Raw	Total/NA	Water	8015M/D	40133
MB 885-40133/1-A	Method Blank	Total/NA	Water	8015M/D	40133
LCS 885-40133/2-A	Lab Control Sample	Total/NA	Water	8015M/D	40133
885-39829-2 MS	FY Raw	Total/NA	Water	8015M/D	40133
885-39829-2 MSD	FY Raw	Total/NA	Water	8015M/D	40133

Prep Batch: 40133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	3511	
885-39829-2	FY Raw	Total/NA	Water	3511	
MB 885-40133/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-40133/2-A	Lab Control Sample	Total/NA	Water	3511	
885-39829-2 MS	FY Raw	Total/NA	Water	3511	
885-39829-2 MSD	FY Raw	Total/NA	Water	3511	

Prep Batch: 40295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-40295/1-A	Lab Control Sample	Total/NA	Water	8011	

Prep Batch: 40296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	8011	
MB 885-40296/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-40296/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-40296/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 40317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	8011	40296
MB 885-40296/3-A	Method Blank	Total/NA	Water	8011	40296
LCS 885-40296/4-A	Lab Control Sample	Total/NA	Water	8011	40296
LCSD 885-40296/5-A	Lab Control Sample Dup	Total/NA	Water	8011	40296
MRL 885-40295/1-A	Lab Control Sample	Total/NA	Water	8011	40295

QC Association Summary

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station Lead Site

Job ID: 885-39829-1

GC Semi VOA

Prep Batch: 40537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-2	FY Raw	Total/NA	Water	8011	

Analysis Batch: 40616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-2	FY Raw	Total/NA	Water	8011	40537

HPLC/IC

Analysis Batch: 40147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	300.0	
885-39829-2	FY Raw	Total/NA	Water	300.0	
MB 885-40147/4	Method Blank	Total/NA	Water	300.0	
LCS 885-40147/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-40147/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 40148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	300.0	
885-39829-2	FY Raw	Total/NA	Water	300.0	
MB 885-40148/4	Method Blank	Total/NA	Water	300.0	
LCS 885-40148/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-40148/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 40242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-39829-1	FY Treated Eff	Total/NA	Water	2540C	
885-39829-2	FY Raw	Total/NA	Water	2540C	
MB 885-40242/1	Method Blank	Total/NA	Water	2540C	
LCS 885-40242/2	Lab Control Sample	Total/NA	Water	2540C	
885-39829-1 DU	FY Treated Eff	Total/NA	Water	2540C	

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-39829-1
Project/Site: Former Y Station Lead Site

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-39829-1
Date Collected: 12/15/25 17:20
Matrix: Water
Date Received: 12/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40594	CM	EET ALB	12/29/25 17:04
Total/NA	Analysis	8015M/D		1	40524	AT	EET ALB	12/27/25 05:39
Total/NA	Prep	8011			40296	MB	EET ALB	12/22/25 09:13
Total/NA	Analysis	8011		1	40317	MB	EET ALB	12/23/25 01:41
Total/NA	Prep	3511			40133	DR	EET ALB	12/18/25 08:35
Total/NA	Analysis	8015M/D		1	40129	EM	EET ALB	12/18/25 17:04
Total/NA	Analysis	300.0		1	40147	EH	EET ALB	12/19/25 13:25
Total/NA	Analysis	300.0		5	40148	EH	EET ALB	12/19/25 22:58
Total/NA	Analysis	2540C		1	40242	KB	EET ALB	12/19/25 14:46

Client Sample ID: FY Raw
Lab Sample ID: 885-39829-2
Date Collected: 12/15/25 16:15
Matrix: Water
Date Received: 12/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	40594	CM	EET ALB	12/29/25 17:29
Total/NA	Analysis	8015M/D		5	40524	AT	EET ALB	12/27/25 08:33
Total/NA	Prep	8011			40537	MB	EET ALB	12/29/25 07:52
Total/NA	Analysis	8011		200	40616	MB	EET ALB	12/30/25 12:04
Total/NA	Prep	3511			40133	DR	EET ALB	12/18/25 08:35
Total/NA	Analysis	8015M/D		1	40129	EM	EET ALB	12/18/25 17:16
Total/NA	Analysis	300.0		1	40147	EH	EET ALB	12/19/25 13:52
Total/NA	Analysis	300.0		5	40148	EH	EET ALB	12/19/25 23:12
Total/NA	Analysis	2540C		1	40242	KB	EET ALB	12/19/25 14:46

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-39829-1
Project/Site: Former Y Station Lead Site

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
8011	8011	Water	1,2-Dibromoethane (EDB)
8015M/D		Water	Gasoline Range Organics [C6 - C10]
8015M/D	3511	Water	Diesel Range Organics [C10-C28]
8015M/D	3511	Water	Motor Oil Range Organics [C28-C40]
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-39829-1
Project/Site: Former Y Station Lead Site

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS L ORY

www.hallenvironmen

4901 Hawkins NE - Albuquerqu

Tel. 505-345-3975 Fax 505

885-39829 COC

Client	☒ Standard ☐ Rush
Daniel B Stephens & Associates	Project Name: **Former Y Station State Lead Site**
Mailing Address **6501 Americas Parkway, STE 200**	Project # **DB18.1157**
Albuquerque, NM 87110	Project Manager **Grace Herrmann**
Phone # **505-822-9400**	Sampler
email or Fax# **gherrmann@geo-logic.com**	On Ice: ☒ Yes ☐ No
QA/QC Package ☒ Standard ☐ Level 4 (Full Validation)	# of Coolers: 1
Accreditation ☐ Az Compliance ☐ NELAC ☐ Other	Cooler Temp (including CF): 0.8 TO 2.6 °C
☐ EDD (Type)	

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	VOCs - EPA method 8260B	EDB - EPA method 504 1	TPH GRO/DRO - EPA method 8015B	Sulfate/Chloride - EPA method 300 0	Nitrate (as N) - EPA method 300 0	TDS - SM2540C	VOCs - EPA method 8021B	TPH GRO - EPA method 8015B								
12/15/25	17:20	H_2O	FY Treated Eff	7-40ml 2-plastic, 1-Amber	HCl, ThiO, H_2SO_4		X	X	X	X	X	X										
12/15/25	16:15	H_2O	FY Raw	7-40ml 2-plastic, 1-Amber	HCl, ThiO, H_2SO_4		X	X	X	X	X	X										

Date	Time	Relinquished by	Received by	Via	Date	Time
12/16/25	1700	Shannon Ahern		Fedex	12.17.25	1145
Date	Time	Relinquished by	Received by:	Via	Date	Time

Remarks:

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical repor

12/30/2025

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc.

Job Number: 885-39829-1

Login Number: 39829

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

Generated 1/13/2026 1:13:08 PM

JOB DESCRIPTION

Former Y Station sate Lead Site

JOB NUMBER

885-40604-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
885-40604-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/5/2026 10:04 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

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

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

Diesel Range Organics
Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-40858 and analytical batch 885-40836 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

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

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

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station sate Lead Site

Job ID: 885-40604-1

Client Sample ID: FY Treated Eff
Date Collected: 01/02/26 15:12
Date Received: 01/05/26 10:04

Lab Sample ID: 885-40604-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/05/26 14:29	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/05/26 14:29	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/05/26 14:29	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/05/26 14:29	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/05/26 14:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/05/26 14:29	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/05/26 14:29	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/05/26 14:29	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/05/26 14:29	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/05/26 14:29	1
2-Butanone	ND		10	2.0	ug/L			01/05/26 14:29	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
2-Hexanone	**4.9**	**J**	10	2.0	ug/L			01/05/26 14:29	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/05/26 14:29	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/05/26 14:29	1
Acetone	ND		10	8.5	ug/L			01/05/26 14:29	1
Benzene	ND		1.0	0.15	ug/L			01/05/26 14:29	1
Bromobenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Bromoform	ND		1.0	0.40	ug/L			01/05/26 14:29	1
Bromomethane	ND		3.0	2.0	ug/L			01/05/26 14:29	1
Carbon disulfide	ND		10	1.0	ug/L			01/05/26 14:29	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/05/26 14:29	1
Chloroethane	ND		2.0	0.40	ug/L			01/05/26 14:29	1
Chloroform	ND		1.0	0.25	ug/L			01/05/26 14:29	1
Chloromethane	ND		3.0	1.0	ug/L			01/05/26 14:29	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/05/26 14:29	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Dibromomethane	ND		1.0	0.40	ug/L			01/05/26 14:29	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/05/26 14:29	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/05/26 14:29	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1

Client Sample ID: FY Treated Eff **Lab Sample ID: 885-40604-1**
Date Collected: 01/02/26 15:12 **Matrix: Water**
Date Received: 01/05/26 10:04

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/05/26 14:29	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/05/26 14:29	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/05/26 14:29	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Naphthalene	ND		2.0	1.0	ug/L			01/05/26 14:29	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Styrene	ND		1.0	0.25	ug/L			01/05/26 14:29	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/05/26 14:29	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Toluene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/05/26 14:29	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/05/26 14:29	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/05/26 14:29	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/05/26 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*01/05/26 14:29*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*01/05/26 14:29*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*01/05/26 14:29*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*01/05/26 14:29*	*1*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**0.084**		0.050	0.013	mg/L			01/12/26 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*15 - 196*		*01/12/26 13:02*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.041**		0.0094	0.0075	ug/L		01/06/26 12:56	01/06/26 19:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.0**		1.0	0.70	mg/L		01/05/26 15:19	01/07/26 01:42	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		01/05/26 15:19	01/07/26 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*119*		*46 - 159*	*01/05/26 15:19*	*01/07/26 01:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73**		0.50	0.25	mg/L			01/05/26 17:28	1
Sulfate	**42**		0.50	0.39	mg/L			01/05/26 17:28	1
Nitrate Nitrite as N	ND		0.50	0.11	mg/L			01/05/26 20:46	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**460**		50	25	mg/L			01/06/26 11:00	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-40604-1
Project/Site: Former Y Station sate Lead Site

Client Sample ID: FY Raw
Lab Sample ID: 885-40604-2
Date Collected: 01/02/26 14:20
Matrix: Water
Date Received: 01/05/26 10:04

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L			01/05/26 15:43	2
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1,1,2,2-Tetrachloroethane	ND		4.0	0.82	ug/L			01/05/26 15:43	2
1,1,2-Trichloroethane	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1,1-Dichloroethane	ND		2.0	0.50	ug/L			01/05/26 15:43	2
1,1-Dichloroethene	ND		2.0	0.50	ug/L			01/05/26 15:43	2
1,1-Dichloropropene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1,2,3-Trichloropropane	ND		4.0	0.40	ug/L			01/05/26 15:43	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			01/05/26 15:43	2
1,2,4-Trimethylbenzene	**8.0**		2.0	0.40	ug/L			01/05/26 15:43	2
1,2-Dibromo-3-Chloropropane	ND		4.0	1.5	ug/L			01/05/26 15:43	2
1,2-Dibromoethane (EDB)	**6.5**		2.0	0.40	ug/L			01/05/26 15:43	2
1,2-Dichlorobenzene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1,2-Dichloroethane (EDC)	**51**		2.0	0.50	ug/L			01/05/26 15:43	2
1,2-Dichloropropane	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1,3,5-Trimethylbenzene	**27**		2.0	0.40	ug/L			01/05/26 15:43	2
1,3-Dichlorobenzene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1,3-Dichloropropane	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1,4-Dichlorobenzene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
1-Methylnaphthalene	ND		8.0	3.0	ug/L			01/05/26 15:43	2
2,2-Dichloropropane	ND		4.0	0.50	ug/L			01/05/26 15:43	2
2-Butanone	ND		20	4.0	ug/L			01/05/26 15:43	2
2-Chlorotoluene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
2-Hexanone	ND		20	4.0	ug/L			01/05/26 15:43	2
2-Methylnaphthalene	ND		8.0	3.0	ug/L			01/05/26 15:43	2
4-Chlorotoluene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
4-Isopropyltoluene	**0.48**	**J**	2.0	0.40	ug/L			01/05/26 15:43	2
4-Methyl-2-pentanone	ND		20	4.0	ug/L			01/05/26 15:43	2
Acetone	ND		20	17	ug/L			01/05/26 15:43	2
Benzene	**3.4**		2.0	0.30	ug/L			01/05/26 15:43	2
Bromobenzene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Bromodichloromethane	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Dibromochloromethane	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Bromoform	ND		2.0	0.80	ug/L			01/05/26 15:43	2
Bromomethane	ND		6.0	4.0	ug/L			01/05/26 15:43	2
Carbon disulfide	ND		20	2.0	ug/L			01/05/26 15:43	2
Carbon tetrachloride	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Chlorobenzene	ND		2.0	1.0	ug/L			01/05/26 15:43	2
Chloroethane	ND		4.0	0.80	ug/L			01/05/26 15:43	2
Chloroform	ND		2.0	0.50	ug/L			01/05/26 15:43	2
Chloromethane	ND		6.0	2.0	ug/L			01/05/26 15:43	2
cis-1,2-Dichloroethene	ND		2.0	0.80	ug/L			01/05/26 15:43	2
cis-1,3-Dichloropropene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Dibromomethane	ND		2.0	0.80	ug/L			01/05/26 15:43	2
Dichlorodifluoromethane	ND		2.0	2.0	ug/L			01/05/26 15:43	2
Ethylbenzene	**4.0**		2.0	0.40	ug/L			01/05/26 15:43	2
Hexachlorobutadiene	ND		2.0	0.80	ug/L			01/05/26 15:43	2
Isopropylbenzene	**1.7**	**J**	2.0	0.40	ug/L			01/05/26 15:43	2

Client Sample ID: FY Raw **Lab Sample ID: 885-40604-2**
Date Collected: 01/02/26 14:20 **Matrix: Water**
Date Received: 01/05/26 10:04

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		2.0	0.80	ug/L			01/05/26 15:43	2
Methylene Chloride	ND		5.0	2.0	ug/L			01/05/26 15:43	2
n-Butylbenzene	ND		6.0	0.40	ug/L			01/05/26 15:43	2
N-Propylbenzene	**0.65**	**J**	2.0	0.40	ug/L			01/05/26 15:43	2
Naphthalene	**2.3**	**J**	4.0	2.0	ug/L			01/05/26 15:43	2
sec-Butylbenzene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Styrene	ND		2.0	0.50	ug/L			01/05/26 15:43	2
tert-Butylbenzene	ND		2.0	0.80	ug/L			01/05/26 15:43	2
Tetrachloroethene (PCE)	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Toluene	**2.0**		2.0	0.40	ug/L			01/05/26 15:43	2
trans-1,2-Dichloroethene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
trans-1,3-Dichloropropene	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Trichloroethene (TCE)	ND		2.0	0.60	ug/L			01/05/26 15:43	2
Trichlorofluoromethane	ND		2.0	0.40	ug/L			01/05/26 15:43	2
Vinyl chloride	ND		2.0	0.60	ug/L			01/05/26 15:43	2
Xylenes, Total	**140**		3.0	0.40	ug/L			01/05/26 15:43	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*01/05/26 15:43*	*2*
Toluene-d8 (Surr)	*95*		*70 - 130*		*01/05/26 15:43*	*2*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*01/05/26 15:43*	*2*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*01/05/26 15:43*	*2*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**1.1**		0.050	0.013	mg/L			01/12/26 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*15 - 196*		*01/12/26 13:23*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**9.2**		0.94	0.75	ug/L		01/06/26 12:56	01/08/26 17:22	100

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.2**	**F1**	1.0	0.70	mg/L		01/05/26 15:19	01/07/26 02:05	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		01/05/26 15:19	01/07/26 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*46 - 159*	*01/05/26 15:19*	*01/07/26 02:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72**		0.50	0.25	mg/L			01/05/26 18:53	1
Sulfate	**43**		0.50	0.39	mg/L			01/05/26 18:53	1
Nitrate Nitrite as N	**0.53**		0.50	0.11	mg/L			01/05/26 21:43	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**470**		50	25	mg/L			01/06/26 11:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-40854/6
Matrix: Water
Analysis Batch: 40854

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/05/26 12:46	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/05/26 12:46	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/05/26 12:46	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/05/26 12:46	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/05/26 12:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/05/26 12:46	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/05/26 12:46	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/05/26 12:46	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/05/26 12:46	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/05/26 12:46	1
2-Butanone	ND		10	2.0	ug/L			01/05/26 12:46	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
2-Hexanone	ND		10	2.0	ug/L			01/05/26 12:46	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/05/26 12:46	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/05/26 12:46	1
Acetone	ND		10	8.5	ug/L			01/05/26 12:46	1
Benzene	ND		1.0	0.15	ug/L			01/05/26 12:46	1
Bromobenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Bromoform	ND		1.0	0.40	ug/L			01/05/26 12:46	1
Bromomethane	ND		3.0	2.0	ug/L			01/05/26 12:46	1
Carbon disulfide	ND		10	1.0	ug/L			01/05/26 12:46	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/05/26 12:46	1
Chloroethane	ND		2.0	0.40	ug/L			01/05/26 12:46	1
Chloroform	ND		1.0	0.25	ug/L			01/05/26 12:46	1
Chloromethane	ND		3.0	1.0	ug/L			01/05/26 12:46	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/05/26 12:46	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Dibromomethane	ND		1.0	0.40	ug/L			01/05/26 12:46	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/05/26 12:46	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/05/26 12:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-40854/6
Matrix: Water
Analysis Batch: 40854

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/05/26 12:46	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/05/26 12:46	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/05/26 12:46	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Naphthalene	ND		2.0	1.0	ug/L			01/05/26 12:46	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Styrene	ND		1.0	0.25	ug/L			01/05/26 12:46	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/05/26 12:46	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Toluene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/05/26 12:46	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/05/26 12:46	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/05/26 12:46	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/05/26 12:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*01/05/26 12:46*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*01/05/26 12:46*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/05/26 12:46*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*01/05/26 12:46*	*1*

Lab Sample ID: LCS 885-40854/4
Matrix: Water
Analysis Batch: 40854

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	18.4		ug/L		92	70 - 130
Benzene	20.0	20.9		ug/L		104	70 - 130
Chlorobenzene	20.0	21.1		ug/L		105	70 - 130
Toluene	20.0	20.9		ug/L		104	70 - 130
Trichloroethene (TCE)	20.0	19.4		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*

Lab Sample ID: 885-40604-1 MS
Matrix: Water
Analysis Batch: 40854

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	ND		20.0	19.2		ug/L		96	70 - 130
Benzene	ND		20.0	21.6		ug/L		108	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-40604-1 MS
Matrix: Water
Analysis Batch: 40854

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		20.0	20.9		ug/L		104	70 - 130
Toluene	ND		20.0	20.6		ug/L		103	70 - 130
Trichloroethene (TCE)	ND		20.0	20.0		ug/L		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

Lab Sample ID: 885-40604-1 MSD
Matrix: Water
Analysis Batch: 40854

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		20.0	17.3		ug/L		87	70 - 130	11	20
Benzene	ND		20.0	20.4		ug/L		102	70 - 130	6	20
Chlorobenzene	ND		20.0	19.8		ug/L		99	70 - 130	5	20
Toluene	ND		20.0	19.4		ug/L		97	70 - 130	6	20
Trichloroethene (TCE)	ND		20.0	18.8		ug/L		94	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-41174/6
Matrix: Water
Analysis Batch: 41174

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050	0.013	mg/L			01/12/26 12:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 196*		*01/12/26 12:40*	*1*

Lab Sample ID: LCS 885-41174/4
Matrix: Water
Analysis Batch: 41174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	0.500	0.501		mg/L		100	70 - 130

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-41174/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 41174

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*213*		*15 - 196*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-40917/3-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 40924 — **Prep Batch: 40917**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		01/06/26 12:55	01/06/26 18:34	1

Lab Sample ID: LCS 885-40917/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 40924 — **Prep Batch: 40917**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.100	0.0994		ug/L		99	70 - 130

Lab Sample ID: LCSD 885-40917/5-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 40924 — **Prep Batch: 40917**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.100	0.118		ug/L		118	70 - 130	17	20

Lab Sample ID: MRL 885-40917/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 40924 — **Prep Batch: 40917**

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0100	0.00942	J	ug/L		94	60 - 140

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-40858/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 40836 — **Prep Batch: 40858**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.70	mg/L		01/05/26 15:19	01/06/26 09:06	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		01/05/26 15:19	01/06/26 09:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*103*		*46 - 159*	*01/05/26 15:19*	*01/06/26 09:06*	*1*

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-40858/2-A
Matrix: Water
Analysis Batch: 40836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40858

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			2.50	2.62		mg/L		105	57 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*96*		*46 - 159*

Lab Sample ID: 885-40604-2 MS
Matrix: Water
Analysis Batch: 40836

Client Sample ID: FY Raw
Prep Type: Total/NA
Prep Batch: 40858

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	2.2	F1	2.50	3.13	F1	mg/L		38	57 - 147		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*58*		*46 - 159*

Lab Sample ID: 885-40604-2 MSD
Matrix: Water
Analysis Batch: 40836

Client Sample ID: FY Raw
Prep Type: Total/NA
Prep Batch: 40858

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2.2	F1	2.50	3.54	F1	mg/L		54	57 - 147	13	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*91*		*46 - 159*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-40845/4
Matrix: Water
Analysis Batch: 40845

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			01/05/26 13:42	1
Sulfate	ND		0.50	0.39	mg/L			01/05/26 13:42	1

Lab Sample ID: LCS 885-40845/5
Matrix: Water
Analysis Batch: 40845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.99		mg/L		100	90 - 110		
Sulfate			10.0	10.1		mg/L		101	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-40845/3
Matrix: Water
Analysis Batch: 40845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.514		mg/L		103	50 - 150		
Sulfate			0.500	0.479	J	mg/L		96	50 - 150		

Lab Sample ID: 885-40604-1 MS
Matrix: Water
Analysis Batch: 40845

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	42		10.0	51.5	4	mg/L		92	80 - 120		

Lab Sample ID: 885-40604-1 MSD
Matrix: Water
Analysis Batch: 40845

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	42		10.0	51.8	4	mg/L		95	80 - 120	1	20

Lab Sample ID: 885-40604-2 MS
Matrix: Water
Analysis Batch: 40845

Client Sample ID: FY Raw
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	43		10.0	51.6	4	mg/L		90	80 - 120		

Lab Sample ID: 885-40604-2 MSD
Matrix: Water
Analysis Batch: 40845

Client Sample ID: FY Raw
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	43		10.0	51.7	4	mg/L		91	80 - 120	0	20

Lab Sample ID: MB 885-40846/4
Matrix: Water
Analysis Batch: 40846

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.10	0.022	mg/L			01/05/26 13:42	1

Lab Sample ID: LCS 885-40846/5
Matrix: Water
Analysis Batch: 40846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			2.50	2.49		mg/L		100	90 - 110		
Nitrite as N			1.00	0.974		mg/L		97	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-40846/3
Matrix: Water
Analysis Batch: 40846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.100	0.105		mg/L		105	50 - 150		
Nitrite as N			0.100	0.106		mg/L		106	50 - 150		

Lab Sample ID: 885-40604-1 MS
Matrix: Water
Analysis Batch: 40846

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	0.063	J	2.50	2.42		mg/L		94	80 - 120		
Nitrite as N	ND		1.00	0.833		mg/L		83	80 - 120		

Lab Sample ID: 885-40604-1 MSD
Matrix: Water
Analysis Batch: 40846

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.063	J	2.50	2.49		mg/L		97	80 - 120	3	20
Nitrite as N	ND		1.00	0.853		mg/L		85	80 - 120	2	20

Lab Sample ID: 885-40604-2 MS
Matrix: Water
Analysis Batch: 40846

Client Sample ID: FY Raw
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	0.56		2.50	2.96		mg/L		96	80 - 120		
Nitrite as N	ND		1.00	0.860		mg/L		86	80 - 120		

Lab Sample ID: 885-40604-2 MSD
Matrix: Water
Analysis Batch: 40846

Client Sample ID: FY Raw
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.56		2.50	3.01		mg/L		98	80 - 120	2	20
Nitrite as N	ND		1.00	0.872		mg/L		87	80 - 120	1	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-40897/1
Matrix: Water
Analysis Batch: 40897

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	25	mg/L			01/06/26 11:00	1

Lab Sample ID: LCS 885-40897/2
Matrix: Water
Analysis Batch: 40897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	973		mg/L		97	80 - 120		

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-40604-1
Project/Site: Former Y Station sate Lead Site

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 885-40604-2 DU
Client Sample ID: FY Raw
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 40897

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	470			448		mg/L				4	10

GC/MS VOA

Analysis Batch: 40854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	8260B	
885-40604-2	FY Raw	Total/NA	Water	8260B	
MB 885-40854/6	Method Blank	Total/NA	Water	8260B	
LCS 885-40854/4	Lab Control Sample	Total/NA	Water	8260B	
885-40604-1 MS	FY Treated Eff	Total/NA	Water	8260B	
885-40604-1 MSD	FY Treated Eff	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 41174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	8015M/D	
885-40604-2	FY Raw	Total/NA	Water	8015M/D	
MB 885-41174/6	Method Blank	Total/NA	Water	8015M/D	
LCS 885-41174/4	Lab Control Sample	Total/NA	Water	8015M/D	

GC Semi VOA

Analysis Batch: 40836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	8015M/D	40858
885-40604-2	FY Raw	Total/NA	Water	8015M/D	40858
MB 885-40858/1-A	Method Blank	Total/NA	Water	8015M/D	40858
LCS 885-40858/2-A	Lab Control Sample	Total/NA	Water	8015M/D	40858
885-40604-2 MS	FY Raw	Total/NA	Water	8015M/D	40858
885-40604-2 MSD	FY Raw	Total/NA	Water	8015M/D	40858

Prep Batch: 40858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	3511	
885-40604-2	FY Raw	Total/NA	Water	3511	
MB 885-40858/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-40858/2-A	Lab Control Sample	Total/NA	Water	3511	
885-40604-2 MS	FY Raw	Total/NA	Water	3511	
885-40604-2 MSD	FY Raw	Total/NA	Water	3511	

Prep Batch: 40917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	8011	
885-40604-2	FY Raw	Total/NA	Water	8011	
MB 885-40917/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-40917/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-40917/5-A	Lab Control Sample Dup	Total/NA	Water	8011	
MRL 885-40917/1-A	Lab Control Sample	Total/NA	Water	8011	

Analysis Batch: 40924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	8011	40917
MB 885-40917/3-A	Method Blank	Total/NA	Water	8011	40917
LCS 885-40917/4-A	Lab Control Sample	Total/NA	Water	8011	40917
LCSD 885-40917/5-A	Lab Control Sample Dup	Total/NA	Water	8011	40917
MRL 885-40917/1-A	Lab Control Sample	Total/NA	Water	8011	40917

QC Association Summary

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station sate Lead Site

Job ID: 885-40604-1

GC Semi VOA

Analysis Batch: 41064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-2	FY Raw	Total/NA	Water	8011	40917

HPLC/IC

Analysis Batch: 40845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	300.0	
885-40604-2	FY Raw	Total/NA	Water	300.0	
MB 885-40845/4	Method Blank	Total/NA	Water	300.0	
LCS 885-40845/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-40845/3	Lab Control Sample	Total/NA	Water	300.0	
885-40604-1 MS	FY Treated Eff	Total/NA	Water	300.0	
885-40604-1 MSD	FY Treated Eff	Total/NA	Water	300.0	
885-40604-2 MS	FY Raw	Total/NA	Water	300.0	
885-40604-2 MSD	FY Raw	Total/NA	Water	300.0	

Analysis Batch: 40846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	300.0	
885-40604-2	FY Raw	Total/NA	Water	300.0	
MB 885-40846/4	Method Blank	Total/NA	Water	300.0	
LCS 885-40846/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-40846/3	Lab Control Sample	Total/NA	Water	300.0	
885-40604-1 MS	FY Treated Eff	Total/NA	Water	300.0	
885-40604-1 MSD	FY Treated Eff	Total/NA	Water	300.0	
885-40604-2 MS	FY Raw	Total/NA	Water	300.0	
885-40604-2 MSD	FY Raw	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 40897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40604-1	FY Treated Eff	Total/NA	Water	2540C	
885-40604-2	FY Raw	Total/NA	Water	2540C	
MB 885-40897/1	Method Blank	Total/NA	Water	2540C	
LCS 885-40897/2	Lab Control Sample	Total/NA	Water	2540C	
885-40604-2 DU	FY Raw	Total/NA	Water	2540C	

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-40604-1
Project/Site: Former Y Station sate Lead Site

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-40604-1

Date Collected: 01/02/26 15:12
Matrix: Water
Date Received: 01/05/26 10:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40854	CM	EET ALB	01/05/26 14:29
Total/NA	Analysis	8015M/D		1	41174	AT	EET ALB	01/12/26 13:02
Total/NA	Prep	8011			40917	BV	EET ALB	01/06/26 12:56
Total/NA	Analysis	8011		1	40924	BV	EET ALB	01/06/26 19:17
Total/NA	Prep	3511			40858	DR	EET ALB	01/05/26 15:19
Total/NA	Analysis	8015M/D		1	40836	EM	EET ALB	01/07/26 01:42
Total/NA	Analysis	300.0		1	40845	KB	EET ALB	01/05/26 17:28
Total/NA	Analysis	300.0		5	40846	KB	EET ALB	01/05/26 20:46
Total/NA	Analysis	2540C		1	40897	HR	EET ALB	01/06/26 11:00

Client Sample ID: FY Raw
Lab Sample ID: 885-40604-2

Date Collected: 01/02/26 14:20
Matrix: Water
Date Received: 01/05/26 10:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	40854	CM	EET ALB	01/05/26 15:43
Total/NA	Analysis	8015M/D		1	41174	AT	EET ALB	01/12/26 13:23
Total/NA	Prep	8011			40917	BV	EET ALB	01/06/26 12:56
Total/NA	Analysis	8011		100	41064	BV	EET ALB	01/08/26 17:22
Total/NA	Prep	3511			40858	DR	EET ALB	01/05/26 15:19
Total/NA	Analysis	8015M/D		1	40836	EM	EET ALB	01/07/26 02:05
Total/NA	Analysis	300.0		1	40845	KB	EET ALB	01/05/26 18:53
Total/NA	Analysis	300.0		5	40846	KB	EET ALB	01/05/26 21:43
Total/NA	Analysis	2540C		1	40897	HR	EET ALB	01/06/26 11:00

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-40604-1
Project/Site: Former Y Station sate Lead Site

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
8011	8011	Water	1,2-Dibromoethane (EDB)
8015M/D		Water	Gasoline Range Organics [C6 - C10]
8015M/D	3511	Water	Diesel Range Organics [C10-C28]
8015M/D	3511	Water	Motor Oil Range Organics [C28-C40]
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-40604-1
Project/Site: Former Y Station sate Lead Site

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Chain-of-Custody Record

Client.

Daniel B Stephens & Associates

Mailing Address. **6501 Americas Parkway, STE 200**

Albuquerque, NM 87110

Phone #. **505-822-9400**

email or Fax# **gherrmann@geo-logic.com**

QA/QC Package

■ Standard ■ Level 4 (Full Validation)

Accreditation ■ Az Compliance

■ NELAC ■ Other

■ EDD (Type)

Turn-Around Time

☒ Standard ■ ~~Rush~~

Project Name

Former Y Station State Lead Site

Project #.

DB18.1157

Project Manager.

Grace Herrmann

Sampler. L. allison

On Ice: ■ Yes ■ No

# of Coolers: 1 ice

Cooler Temp(Including CF): 0.3+0.2=0.5°C

HALL ENVIRONMENTAL ANALYSIS LABORA

www hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel 505-345-3975 Fax 505-345-4107

885-40604 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	VOCs - EPA method 8260B	EDB - EPA method 504 1	TPH GRO/DRO - EPA method 8015B	Sulfate/Chloride - EPA method 300 0	Nitrate (as N) - EPA method 300 0	TDS - SM2540C	VOCs - EPA method 8021B	TPH GRO - EPA method 8015B
1/02	15:12	H_2O	FY Treated Eff	7-40ml 2-plastic, 1-Amber	HCl, ThiO, H_2SO_4		X	X	X	X	X	X		
1/02	14:20	H_2O	FY Raw	7-40ml 2-plastic, 1-Amber	HCl, ThiO, H_2SO_4		X	X	X	X	X	X		

Date	Time	Relinquished by	Received by	Via	Date	Time
1/08/26	10:04				1.5.26	1000
					1.5.26	

Remarks: Method 8015B is for both DRO and GRO

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical repo

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc.

Job Number: 885-40604-1

Login Number: 40604

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

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JOB DESCRIPTION

Former Y

JOB NUMBER

885-41693-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

myEOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Definitions/Glossary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41693-1
Project/Site: Former Y

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
885-41693-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/20/2026 4:57 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.3°C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 885-41937 recovered above the upper control limit for 2,2-Dichloropropane and Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCV) associated with batch 885-41969 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

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

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

GC Semi VOA
Method 8011: The following sample was diluted due to abundance of target analytes: FY Raw (885-41693-2). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

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

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

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

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41693-1
Project/Site: Former Y

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-41693-1
Date Collected: 01/19/26 12:19
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/24/26 17:35	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/24/26 17:35	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/24/26 17:35	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/24/26 17:35	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/24/26 17:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/24/26 17:35	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/24/26 17:35	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/24/26 17:35	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/24/26 17:35	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/24/26 17:35	1
2-Butanone	ND		10	2.0	ug/L			01/24/26 17:35	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
2-Hexanone	ND		10	2.0	ug/L			01/24/26 17:35	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/24/26 17:35	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/24/26 17:35	1
Acetone	ND		10	8.5	ug/L			01/24/26 17:35	1
Benzene	ND		1.0	0.15	ug/L			01/24/26 17:35	1
Bromobenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Bromoform	ND		1.0	0.40	ug/L			01/24/26 17:35	1
Bromomethane	ND		3.0	2.0	ug/L			01/24/26 17:35	1
Carbon disulfide	ND		10	1.0	ug/L			01/24/26 17:35	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/24/26 17:35	1
Chloroethane	ND		2.0	0.40	ug/L			01/24/26 17:35	1
Chloroform	ND		1.0	0.25	ug/L			01/24/26 17:35	1
Chloromethane	ND		3.0	1.0	ug/L			01/24/26 17:35	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/24/26 17:35	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Dibromomethane	ND		1.0	0.40	ug/L			01/24/26 17:35	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/24/26 17:35	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/24/26 17:35	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1

Client Sample ID: FY Treated Eff **Lab Sample ID: 885-41693-1**
Date Collected: 01/19/26 12:19 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/24/26 17:35	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/24/26 17:35	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/24/26 17:35	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Naphthalene	ND		2.0	1.0	ug/L			01/24/26 17:35	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Styrene	ND		1.0	0.25	ug/L			01/24/26 17:35	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/24/26 17:35	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Toluene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/24/26 17:35	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/24/26 17:35	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/24/26 17:35	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/24/26 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*01/24/26 17:35*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/24/26 17:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*01/24/26 17:35*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*01/24/26 17:35*	*1*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**0.037**	**J**	0.050	0.013	mg/L			01/26/26 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 196*		*01/26/26 19:28*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.021**		0.0093	0.0075	ug/L		01/23/26 09:17	02/03/26 16:11	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**0.96**	**J F1**	1.0	0.70	mg/L		01/21/26 13:10	01/21/26 20:56	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		01/21/26 13:10	01/21/26 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*46 - 159*	*01/21/26 13:10*	*01/21/26 20:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72**		0.50	0.25	mg/L			01/22/26 21:16	1
Sulfate	**42**		0.50	0.39	mg/L			01/22/26 21:16	1
Nitrate Nitrite as N	**0.76**		0.50	0.11	mg/L			01/23/26 03:38	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**430**		50	25	mg/L			01/23/26 11:12	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41693-1
Project/Site: Former Y

Client Sample ID: FY Raw
Lab Sample ID: 885-41693-2
Date Collected: 01/19/26 11:17
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L			01/24/26 18:03	2
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1,1,2,2-Tetrachloroethane	ND		4.0	0.82	ug/L			01/24/26 18:03	2
1,1,2-Trichloroethane	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1,1-Dichloroethane	ND		2.0	0.50	ug/L			01/24/26 18:03	2
1,1-Dichloroethene	ND		2.0	0.50	ug/L			01/24/26 18:03	2
1,1-Dichloropropene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1,2,3-Trichloropropane	ND		4.0	0.40	ug/L			01/24/26 18:03	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			01/24/26 18:03	2
1,2,4-Trimethylbenzene	**4.9**		2.0	0.40	ug/L			01/24/26 18:03	2
1,2-Dibromo-3-Chloropropane	ND		4.0	1.5	ug/L			01/24/26 18:03	2
1,2-Dibromoethane (EDB)	**7.4**		2.0	0.40	ug/L			01/24/26 18:03	2
1,2-Dichlorobenzene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1,2-Dichloroethane (EDC)	**42**		2.0	0.50	ug/L			01/24/26 18:03	2
1,2-Dichloropropane	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1,3,5-Trimethylbenzene	**17**		2.0	0.40	ug/L			01/24/26 18:03	2
1,3-Dichlorobenzene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1,3-Dichloropropane	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1,4-Dichlorobenzene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
1-Methylnaphthalene	ND		8.0	3.0	ug/L			01/24/26 18:03	2
2,2-Dichloropropane	ND		4.0	0.50	ug/L			01/24/26 18:03	2
2-Butanone	ND		20	4.0	ug/L			01/24/26 18:03	2
2-Chlorotoluene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
2-Hexanone	**6.3**	**J**	20	4.0	ug/L			01/24/26 18:03	2
2-Methylnaphthalene	ND		8.0	3.0	ug/L			01/24/26 18:03	2
4-Chlorotoluene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
4-Isopropyltoluene	**0.61**	**J**	2.0	0.40	ug/L			01/24/26 18:03	2
4-Methyl-2-pentanone	**6.6**	**J**	20	4.0	ug/L			01/24/26 18:03	2
Acetone	ND		20	17	ug/L			01/24/26 18:03	2
Benzene	**0.63**	**J**	2.0	0.30	ug/L			01/24/26 18:03	2
Bromobenzene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
Bromodichloromethane	ND		2.0	0.40	ug/L			01/24/26 18:03	2
Dibromochloromethane	ND		2.0	0.40	ug/L			01/24/26 18:03	2
Bromoform	ND		2.0	0.80	ug/L			01/24/26 18:03	2
Bromomethane	ND		6.0	4.0	ug/L			01/24/26 18:03	2
Carbon disulfide	ND		20	2.0	ug/L			01/24/26 18:03	2
Carbon tetrachloride	ND		2.0	0.40	ug/L			01/24/26 18:03	2
Chlorobenzene	ND		2.0	1.0	ug/L			01/24/26 18:03	2
Chloroethane	ND		4.0	0.80	ug/L			01/24/26 18:03	2
Chloroform	ND		2.0	0.50	ug/L			01/24/26 18:03	2
Chloromethane	ND		6.0	2.0	ug/L			01/24/26 18:03	2
cis-1,2-Dichloroethene	ND		2.0	0.80	ug/L			01/24/26 18:03	2
cis-1,3-Dichloropropene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
Dibromomethane	ND		2.0	0.80	ug/L			01/24/26 18:03	2
Dichlorodifluoromethane	ND		2.0	2.0	ug/L			01/24/26 18:03	2
Ethylbenzene	**3.1**		2.0	0.40	ug/L			01/24/26 18:03	2
Hexachlorobutadiene	ND		2.0	0.80	ug/L			01/24/26 18:03	2
Isopropylbenzene	**1.4**	**J**	2.0	0.40	ug/L			01/24/26 18:03	2

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41693-1
Project/Site: Former Y

Client Sample ID: FY Raw **Lab Sample ID: 885-41693-2**
Date Collected: 01/19/26 11:17 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		2.0	0.80	ug/L			01/24/26 18:03	2
Methylene Chloride	ND		5.0	2.0	ug/L			01/24/26 18:03	2
n-Butylbenzene	ND		6.0	0.40	ug/L			01/24/26 18:03	2
N-Propylbenzene	**0.72**	**J**	2.0	0.40	ug/L			01/24/26 18:03	2
Naphthalene	**2.0**	**J**	4.0	2.0	ug/L			01/24/26 18:03	2
sec-Butylbenzene	**0.49**	**J**	2.0	0.40	ug/L			01/24/26 18:03	2
Styrene	ND		2.0	0.50	ug/L			01/24/26 18:03	2
tert-Butylbenzene	ND		2.0	0.80	ug/L			01/24/26 18:03	2
Tetrachloroethene (PCE)	ND		2.0	0.40	ug/L			01/24/26 18:03	2
Toluene	**0.52**	**J**	2.0	0.40	ug/L			01/24/26 18:03	2
trans-1,2-Dichloroethene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
trans-1,3-Dichloropropene	ND		2.0	0.40	ug/L			01/24/26 18:03	2
Trichloroethene (TCE)	ND		2.0	0.60	ug/L			01/24/26 18:03	2
Trichlorofluoromethane	ND		2.0	0.40	ug/L			01/24/26 18:03	2
Vinyl chloride	ND		2.0	0.60	ug/L			01/24/26 18:03	2
Xylenes, Total	**91**		3.0	0.40	ug/L			01/24/26 18:03	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*01/24/26 18:03*	*2*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/24/26 18:03*	*2*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*01/24/26 18:03*	*2*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*01/24/26 18:03*	*2*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**0.64**		0.050	0.013	mg/L			01/26/26 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*15 - 196*		*01/26/26 19:49*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**6.7**		0.94	0.75	ug/L		01/23/26 09:17	02/06/26 10:24	100

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.5**		1.0	0.70	mg/L		01/21/26 13:10	01/21/26 20:45	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		01/21/26 13:10	01/21/26 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*46 - 159*	*01/21/26 13:10*	*01/21/26 20:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70**		0.50	0.25	mg/L			01/22/26 22:13	1
Sulfate	**41**		0.50	0.39	mg/L			01/22/26 22:13	1
Nitrate Nitrite as N	**0.61**		0.50	0.11	mg/L			01/23/26 03:52	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**420**		50	25	mg/L			01/23/26 11:12	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41693-1
Project/Site: Former Y

Client Sample ID: Trip Blank
Lab Sample ID: 885-41693-3
Date Collected: 01/19/26 00:00
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/26/26 19:44	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/26/26 19:44	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/26/26 19:44	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/26/26 19:44	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/26/26 19:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/26/26 19:44	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/26/26 19:44	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/26/26 19:44	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 19:44	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/26/26 19:44	1
2-Butanone	ND		10	2.0	ug/L			01/26/26 19:44	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
2-Hexanone	ND		10	2.0	ug/L			01/26/26 19:44	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 19:44	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/26/26 19:44	1
Acetone	ND		10	8.5	ug/L			01/26/26 19:44	1
Benzene	ND		1.0	0.15	ug/L			01/26/26 19:44	1
Bromobenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Bromoform	ND		1.0	0.40	ug/L			01/26/26 19:44	1
Bromomethane	ND		3.0	2.0	ug/L			01/26/26 19:44	1
Carbon disulfide	ND		10	1.0	ug/L			01/26/26 19:44	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/26/26 19:44	1
Chloroethane	ND		2.0	0.40	ug/L			01/26/26 19:44	1
Chloroform	ND		1.0	0.25	ug/L			01/26/26 19:44	1
Chloromethane	ND		3.0	1.0	ug/L			01/26/26 19:44	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/26/26 19:44	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Dibromomethane	ND		1.0	0.40	ug/L			01/26/26 19:44	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/26/26 19:44	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/26/26 19:44	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41693-1
Project/Site: Former Y

Client Sample ID: Trip Blank **Lab Sample ID: 885-41693-3**
Date Collected: 01/19/26 00:00 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/26/26 19:44	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/26/26 19:44	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/26/26 19:44	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Naphthalene	ND		2.0	1.0	ug/L			01/26/26 19:44	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Styrene	ND		1.0	0.25	ug/L			01/26/26 19:44	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/26/26 19:44	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Toluene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/26/26 19:44	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/26/26 19:44	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/26/26 19:44	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/26/26 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*01/26/26 19:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/26/26 19:44*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*01/26/26 19:44*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*01/26/26 19:44*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0095	0.0076	ug/L		01/23/26 09:17	02/03/26 16:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-41937/4
Matrix: Water
Analysis Batch: 41937

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/24/26 11:02	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/24/26 11:02	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/24/26 11:02	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/24/26 11:02	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/24/26 11:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/24/26 11:02	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/24/26 11:02	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/24/26 11:02	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/24/26 11:02	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/24/26 11:02	1
2-Butanone	ND		10	2.0	ug/L			01/24/26 11:02	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
2-Hexanone	ND		10	2.0	ug/L			01/24/26 11:02	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/24/26 11:02	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/24/26 11:02	1
Acetone	ND		10	8.5	ug/L			01/24/26 11:02	1
Benzene	ND		1.0	0.15	ug/L			01/24/26 11:02	1
Bromobenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Bromoform	ND		1.0	0.40	ug/L			01/24/26 11:02	1
Bromomethane	ND		3.0	2.0	ug/L			01/24/26 11:02	1
Carbon disulfide	ND		10	1.0	ug/L			01/24/26 11:02	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/24/26 11:02	1
Chloroethane	ND		2.0	0.40	ug/L			01/24/26 11:02	1
Chloroform	ND		1.0	0.25	ug/L			01/24/26 11:02	1
Chloromethane	ND		3.0	1.0	ug/L			01/24/26 11:02	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/24/26 11:02	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Dibromomethane	ND		1.0	0.40	ug/L			01/24/26 11:02	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/24/26 11:02	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/24/26 11:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-41937/4
Matrix: Water
Analysis Batch: 41937

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/24/26 11:02	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/24/26 11:02	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/24/26 11:02	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Naphthalene	ND		2.0	1.0	ug/L			01/24/26 11:02	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Styrene	ND		1.0	0.25	ug/L			01/24/26 11:02	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/24/26 11:02	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Toluene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/24/26 11:02	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/24/26 11:02	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/24/26 11:02	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/24/26 11:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*01/24/26 11:02*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*01/24/26 11:02*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*01/24/26 11:02*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*01/24/26 11:02*	*1*

Lab Sample ID: LCS 885-41937/3
Matrix: Water
Analysis Batch: 41937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	18.6		ug/L		93	70 - 130		
Benzene			20.0	20.2		ug/L		101	70 - 130		
Chlorobenzene			20.0	19.2		ug/L		96	70 - 130		
Toluene			20.0	19.3		ug/L		96	70 - 130		
Trichloroethene (TCE)			20.0	17.4		ug/L		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 885-41969/4
Matrix: Water
Analysis Batch: 41969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-41969/4
Matrix: Water
Analysis Batch: 41969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/26/26 14:06	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/26/26 14:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/26/26 14:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 14:06	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/26/26 14:06	1
2-Butanone	ND		10	2.0	ug/L			01/26/26 14:06	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
2-Hexanone	ND		10	2.0	ug/L			01/26/26 14:06	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 14:06	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/26/26 14:06	1
Acetone	ND		10	8.5	ug/L			01/26/26 14:06	1
Benzene	ND		1.0	0.15	ug/L			01/26/26 14:06	1
Bromobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Bromoform	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Bromomethane	ND		3.0	2.0	ug/L			01/26/26 14:06	1
Carbon disulfide	ND		10	1.0	ug/L			01/26/26 14:06	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/26/26 14:06	1
Chloroethane	ND		2.0	0.40	ug/L			01/26/26 14:06	1
Chloroform	ND		1.0	0.25	ug/L			01/26/26 14:06	1
Chloromethane	ND		3.0	1.0	ug/L			01/26/26 14:06	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/26/26 14:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Dibromomethane	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/26/26 14:06	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/26/26 14:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-41969/4
Matrix: Water
Analysis Batch: 41969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		3.0	0.20	ug/L			01/26/26 14:06	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Naphthalene	ND		2.0	1.0	ug/L			01/26/26 14:06	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Styrene	ND		1.0	0.25	ug/L			01/26/26 14:06	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Toluene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/26/26 14:06	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/26/26 14:06	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/26/26 14:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*01/26/26 14:06*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/26/26 14:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/26/26 14:06*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*01/26/26 14:06*	*1*

Lab Sample ID: LCS 885-41969/3
Matrix: Water
Analysis Batch: 41969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	16.5		ug/L		83	70 - 130
Benzene	20.0	18.4		ug/L		92	70 - 130
Chlorobenzene	20.0	19.2		ug/L		96	70 - 130
Toluene	20.0	18.9		ug/L		94	70 - 130
Trichloroethene (TCE)	20.0	16.1		ug/L		81	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-41973/4
Matrix: Water
Analysis Batch: 41973

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050	0.013	mg/L			01/26/26 11:50	1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: MB 885-41973/4
Matrix: Water
Analysis Batch: 41973

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 196		01/26/26 11:50	1

Lab Sample ID: LCS 885-41973/3
Matrix: Water
Analysis Batch: 41973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			0.500	0.451		mg/L		90	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	203		15 - 196

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-41864/3-A
Matrix: Water
Analysis Batch: 42468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		01/23/26 09:17	02/03/26 14:58	1

Lab Sample ID: LCS 885-41864/4-A
Matrix: Water
Analysis Batch: 42468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41864

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane (EDB)			0.100	0.120		ug/L		120	70 - 130		

Lab Sample ID: LCSD 885-41864/5-A
Matrix: Water
Analysis Batch: 42468

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41864

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)			0.100	0.117		ug/L		117	70 - 130	3	20

Lab Sample ID: MRL 885-41864/1-A
Matrix: Water
Analysis Batch: 42468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41864

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane (EDB)			0.0100	0.00873	J	ug/L		87	60 - 140		

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-41709/1-A
Matrix: Water
Analysis Batch: 41678

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.70	mg/L		01/21/26 13:10	01/21/26 17:43	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		01/21/26 13:10	01/21/26 17:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*46 - 159*	*01/21/26 13:10*	*01/21/26 17:43*	*1*

Lab Sample ID: LCS 885-41709/2-A
Matrix: Water
Analysis Batch: 41678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	2.50	2.59		mg/L		104	57 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*96*		*46 - 159*

Lab Sample ID: 885-41693-1 MS
Matrix: Water
Analysis Batch: 41678

Client Sample ID: FY Treated Eff
Prep Type: Total/NA
Prep Batch: 41709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	0.96	J F1	2.50	3.69		mg/L		109	57 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*101*		*46 - 159*

Lab Sample ID: 885-41693-1 MSD
Matrix: Water
Analysis Batch: 41678

Client Sample ID: FY Treated Eff
Prep Type: Total/NA
Prep Batch: 41709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	0.96	J F1	2.50	3.88		mg/L		117	57 - 147	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*102*		*46 - 159*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41842/4
Matrix: Water
Analysis Batch: 41842

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			01/22/26 17:58	1
Sulfate	ND		0.50	0.39	mg/L			01/22/26 17:58	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-41842/5
Matrix: Water
Analysis Batch: 41842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.96		mg/L		99	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: MRL 885-41842/3
Matrix: Water
Analysis Batch: 41842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.508		mg/L		102	50 - 150
Sulfate	0.500	0.496	J	mg/L		99	50 - 150

Lab Sample ID: 885-41693-1 MS
Matrix: Water
Analysis Batch: 41842

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	42		10.0	50.7	4	mg/L		88	80 - 120

Lab Sample ID: 885-41693-1 MSD
Matrix: Water
Analysis Batch: 41842

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	42		10.0	50.8	4	mg/L		88	80 - 120	0	20

Lab Sample ID: 885-41693-2 MS
Matrix: Water
Analysis Batch: 41842

Client Sample ID: FY Raw
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	41		10.0	50.2	4	mg/L		90	80 - 120

Lab Sample ID: 885-41693-2 MSD
Matrix: Water
Analysis Batch: 41842

Client Sample ID: FY Raw
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	41		10.0	50.2	4	mg/L		90	80 - 120	0	20

Lab Sample ID: MB 885-41843/4
Matrix: Water
Analysis Batch: 41843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.10	0.022	mg/L			01/22/26 17:58	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-41843/5
Matrix: Water
Analysis Batch: 41843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			2.50	2.48		mg/L		99	90 - 110		
Nitrite as N			1.00	0.958		mg/L		96	90 - 110		

Lab Sample ID: MRL 885-41843/3
Matrix: Water
Analysis Batch: 41843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.100	0.100		mg/L		100	50 - 150		
Nitrite as N			0.100	0.102		mg/L		102	50 - 150		

Lab Sample ID: 885-41693-1 MS
Matrix: Water
Analysis Batch: 41843

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	0.72		2.50	3.18		mg/L		98	80 - 120		
Nitrite as N	ND		1.00	0.868		mg/L		87	80 - 120		

Lab Sample ID: 885-41693-1 MSD
Matrix: Water
Analysis Batch: 41843

Client Sample ID: FY Treated Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.72		2.50	3.19		mg/L		99	80 - 120	0	20
Nitrite as N	ND		1.00	0.872		mg/L		87	80 - 120	1	20

Lab Sample ID: 885-41693-2 MS
Matrix: Water
Analysis Batch: 41843

Client Sample ID: FY Raw
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	0.61		2.50	3.06		mg/L		98	80 - 120		
Nitrite as N	0.047	J	1.00	0.914		mg/L		87	80 - 120		

Lab Sample ID: 885-41693-2 MSD
Matrix: Water
Analysis Batch: 41843

Client Sample ID: FY Raw
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.61		2.50	3.07		mg/L		98	80 - 120	0	20
Nitrite as N	0.047	J	1.00	0.908		mg/L		86	80 - 120	1	20

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41693-1
Project/Site: Former Y

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-41879/1
Matrix: Water
Analysis Batch: 41879

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	25	mg/L			01/23/26 11:12	1

Lab Sample ID: LCS 885-41879/2
Matrix: Water
Analysis Batch: 41879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	987		mg/L		99	80 - 120		

QC Association Summary

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-41693-1

GC/MS VOA

Analysis Batch: 41937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	8260B	
885-41693-2	FY Raw	Total/NA	Water	8260B	
MB 885-41937/4	Method Blank	Total/NA	Water	8260B	
LCS 885-41937/3	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 41969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-3	Trip Blank	Total/NA	Water	8260B	
MB 885-41969/4	Method Blank	Total/NA	Water	8260B	
LCS 885-41969/3	Lab Control Sample	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 41973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	8015M/D	
885-41693-2	FY Raw	Total/NA	Water	8015M/D	
MB 885-41973/4	Method Blank	Total/NA	Water	8015M/D	
LCS 885-41973/3	Lab Control Sample	Total/NA	Water	8015M/D	

GC Semi VOA

Analysis Batch: 41678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	8015M/D	41709
885-41693-2	FY Raw	Total/NA	Water	8015M/D	41709
MB 885-41709/1-A	Method Blank	Total/NA	Water	8015M/D	41709
LCS 885-41709/2-A	Lab Control Sample	Total/NA	Water	8015M/D	41709
885-41693-1 MS	FY Treated Eff	Total/NA	Water	8015M/D	41709
885-41693-1 MSD	FY Treated Eff	Total/NA	Water	8015M/D	41709

Prep Batch: 41709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	3511	
885-41693-2	FY Raw	Total/NA	Water	3511	
MB 885-41709/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-41709/2-A	Lab Control Sample	Total/NA	Water	3511	
885-41693-1 MS	FY Treated Eff	Total/NA	Water	3511	
885-41693-1 MSD	FY Treated Eff	Total/NA	Water	3511	

Prep Batch: 41864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	8011	
885-41693-2	FY Raw	Total/NA	Water	8011	
885-41693-3	Trip Blank	Total/NA	Water	8011	
MB 885-41864/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-41864/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-41864/5-A	Lab Control Sample Dup	Total/NA	Water	8011	
MRL 885-41864/1-A	Lab Control Sample	Total/NA	Water	8011	

QC Association Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41693-1
Project/Site: Former Y

GC Semi VOA

Analysis Batch: 42468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	8011	41864
885-41693-3	Trip Blank	Total/NA	Water	8011	41864
MB 885-41864/3-A	Method Blank	Total/NA	Water	8011	41864
LCS 885-41864/4-A	Lab Control Sample	Total/NA	Water	8011	41864
LCSD 885-41864/5-A	Lab Control Sample Dup	Total/NA	Water	8011	41864
MRL 885-41864/1-A	Lab Control Sample	Total/NA	Water	8011	41864

Analysis Batch: 42666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-2	FY Raw	Total/NA	Water	8011	41864

HPLC/IC

Analysis Batch: 41842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	300.0	
885-41693-2	FY Raw	Total/NA	Water	300.0	
MB 885-41842/4	Method Blank	Total/NA	Water	300.0	
LCS 885-41842/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-41842/3	Lab Control Sample	Total/NA	Water	300.0	
885-41693-1 MS	FY Treated Eff	Total/NA	Water	300.0	
885-41693-1 MSD	FY Treated Eff	Total/NA	Water	300.0	
885-41693-2 MS	FY Raw	Total/NA	Water	300.0	
885-41693-2 MSD	FY Raw	Total/NA	Water	300.0	

Analysis Batch: 41843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	300.0	
885-41693-2	FY Raw	Total/NA	Water	300.0	
MB 885-41843/4	Method Blank	Total/NA	Water	300.0	
LCS 885-41843/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-41843/3	Lab Control Sample	Total/NA	Water	300.0	
885-41693-1 MS	FY Treated Eff	Total/NA	Water	300.0	
885-41693-1 MSD	FY Treated Eff	Total/NA	Water	300.0	
885-41693-2 MS	FY Raw	Total/NA	Water	300.0	
885-41693-2 MSD	FY Raw	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 41879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41693-1	FY Treated Eff	Total/NA	Water	2540C	
885-41693-2	FY Raw	Total/NA	Water	2540C	
MB 885-41879/1	Method Blank	Total/NA	Water	2540C	
LCS 885-41879/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41693-1
Project/Site: Former Y

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-41693-1
Date Collected: 01/19/26 12:19
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	41937	ES	EET ALB	01/24/26 17:35
Total/NA	Analysis	8015M/D		1	41973	AT	EET ALB	01/26/26 19:28
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42468	JE	EET ALB	02/03/26 16:11
Total/NA	Prep	3511			41709	BV	EET ALB	01/21/26 13:10
Total/NA	Analysis	8015M/D		1	41678	EM	EET ALB	01/21/26 20:56
Total/NA	Analysis	300.0		1	41842	EH	EET ALB	01/22/26 21:16
Total/NA	Analysis	300.0		5	41843	EH	EET ALB	01/23/26 03:38
Total/NA	Analysis	2540C		1	41879	HR	EET ALB	01/23/26 11:12

Client Sample ID: FY Raw
Lab Sample ID: 885-41693-2
Date Collected: 01/19/26 11:17
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	41937	ES	EET ALB	01/24/26 18:03
Total/NA	Analysis	8015M/D		1	41973	AT	EET ALB	01/26/26 19:49
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		100	42666	DH	EET ALB	02/06/26 10:24
Total/NA	Prep	3511			41709	BV	EET ALB	01/21/26 13:10
Total/NA	Analysis	8015M/D		1	41678	EM	EET ALB	01/21/26 20:45
Total/NA	Analysis	300.0		1	41842	EH	EET ALB	01/22/26 22:13
Total/NA	Analysis	300.0		5	41843	EH	EET ALB	01/23/26 03:52
Total/NA	Analysis	2540C		1	41879	HR	EET ALB	01/23/26 11:12

Client Sample ID: Trip Blank
Lab Sample ID: 885-41693-3
Date Collected: 01/19/26 00:00
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	41969	ES	EET ALB	01/26/26 19:44
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42468	JE	EET ALB	02/03/26 16:40

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41693-1
Project/Site: Former Y

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
8011	8011	Water	1,2-Dibromoethane (EDB)
8015M/D		Water	Gasoline Range Organics [C6 - C10]
8015M/D	3511	Water	Diesel Range Organics [C10-C28]
8015M/D	3511	Water	Motor Oil Range Organics [C28-C40]
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41693-1
Project/Site: Former Y

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Chain-of-Custody Record

Client: DBS&A

Mailing Address: 6501 Americas Parkway STE 200, Albuquerque NM 87110

Phone #: 505-822-9400

email or Fax#: gherrmann@geo-logic.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Former Y

Project #: DB18.1157

Project Manager: g.herrmann

Sampler: L.allison

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 4.0+0.3=4.3°C

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www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

885-41693 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
1/19	12:19	GW	FY treated eff	7 voas, 2 plastic, 1 amber	~~HCl~~	
↓	11:17	↓	FY Raw	↓		

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	EPA method 8260B	EDA method 504.1	EPA method 8015B	EPA method 300	SM 2540C	
										X	X	X	X	X	
										X	X	X	X	X	

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
1/20	4:57			CDO	1.20.2026	1657
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: method 8015B scr both TPH GRO + DRO
method 300 with sulfate, chloride + nitrate

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc. Job Number: 885-41693-1

Login Number: 41693 **List Source: Eurofins Albuquerque**

List Number: 1

Creator: Casarrubias, Tracy

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

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JOB DESCRIPTION

Former Y

JOB NUMBER

885-43308-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
885-43308-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/13/2026 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

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

Gasoline Range Organics
Method 8015M/D: Surrogate recovery for the following sample was outside control limits: FY OX EFF (885-43308-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC VOA
Method 8021B: The laboratory control sample (LCS) for analytical batch 885-43430 recovered outside control limits for the following analytes: Methyl-tert-butyl Ether (MTBE). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The continuing calibration verification (CCV) associated with batch 885-43430 recovered above the upper control limit for 4-Bromofluorobenzene (Surr) and Methyl-tert-butyl Ether (MTBE). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:FY OX EFF (885-43308-1), FY COMB INF (885-43308-2), DTA EFF (885-43308-3), (CCV 885-43430/1) and (CCV 885-43430/8).

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

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

GC Semi VOA
Method 8011: The following sample was diluted due to abundance of target analyte: FY Treated EFF (885-43308-4). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

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

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

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

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43308-1
Project/Site: Former Y

Client Sample ID: FY OX EFF
Lab Sample ID: 885-43308-1
Date Collected: 02/11/26 14:24
Matrix: Air
Date Received: 02/13/26 09:35
Sample Container: Tedlar Bag 1L

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	270		5.0	1.3	ug/L			02/16/26 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*195*	*S1+*	*15 - 150*		*02/16/26 12:58*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.39		0.10	0.018	ug/L			02/16/26 12:58	1
Ethylbenzene	2.1		0.10	0.014	ug/L			02/16/26 12:58	1
Methyl-tert-butyl Ether (MTBE)	ND	*+	0.25	0.043	ug/L			02/19/26 14:25	1
Toluene	6.3		0.10	0.021	ug/L			02/16/26 12:58	1
Xylenes, Total	9.7		0.20	0.031	ug/L			02/16/26 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*		*39 - 150*		*02/16/26 12:58*	*1*
4-Bromofluorobenzene (Surr)	*138*		*39 - 150*		*02/19/26 14:25*	*1*

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43308-1
Project/Site: Former Y

Client Sample ID: FY COMB INF
Lab Sample ID: 885-43308-2
Date Collected: 02/11/26 14:15
Matrix: Air
Date Received: 02/13/26 09:35
Sample Container: Tedlar Bag 1L

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	810		50	13	ug/L			02/16/26 14:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*		*15 - 150*		*02/16/26 14:48*	*10*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.83	J	1.0	0.18	ug/L			02/16/26 14:48	10
Ethylbenzene	10		1.0	0.14	ug/L			02/16/26 14:48	10
Methyl-tert-butyl Ether (MTBE)	ND	*+	2.5	0.43	ug/L			02/19/26 14:47	10
Toluene	36		1.0	0.21	ug/L			02/16/26 14:48	10
Xylenes, Total	54		2.0	0.31	ug/L			02/16/26 14:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*39 - 150*		*02/16/26 14:48*	*10*
4-Bromofluorobenzene (Surr)	*106*		*39 - 150*		*02/19/26 14:47*	*10*

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-43308-1

Client Sample ID: DTA EFF
Date Collected: 02/11/26 14:32
Date Received: 02/13/26 09:35
Sample Container: Tedlar Bag 1L

Lab Sample ID: 885-43308-3
Matrix: Air

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	14		5.0	1.3	ug/L			02/16/26 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*		*02/16/26 15:10*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.3		0.10	0.018	ug/L			02/16/26 15:10	1
Ethylbenzene	0.21		0.10	0.014	ug/L			02/16/26 15:10	1
Methyl-tert-butyl Ether (MTBE)	ND	*+	0.25	0.043	ug/L			02/19/26 15:08	1
Toluene	0.21		0.10	0.021	ug/L			02/16/26 15:10	1
Xylenes, Total	1.1		0.20	0.031	ug/L			02/16/26 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*39 - 150*		*02/16/26 15:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*39 - 150*		*02/19/26 15:08*	*1*

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-43308-1

Client Sample ID: FY Treated EFF
Date Collected: 02/11/26 14:53
Date Received: 02/13/26 09:35

Lab Sample ID: 885-43308-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			02/19/26 19:51	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			02/19/26 19:51	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			02/19/26 19:51	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			02/19/26 19:51	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			02/19/26 19:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			02/19/26 19:51	1
1,2,4-Trimethylbenzene	**0.44**	**J**	1.0	0.20	ug/L			02/19/26 19:51	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			02/19/26 19:51	1
1,2-Dibromoethane (EDB)	**1.2**		1.0	0.20	ug/L			02/19/26 19:51	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1,2-Dichloroethane (EDC)	**8.6**		1.0	0.25	ug/L			02/19/26 19:51	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1,3,5-Trimethylbenzene	**0.32**	**J**	1.0	0.20	ug/L			02/19/26 19:51	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 19:51	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			02/19/26 19:51	1
2-Butanone	**4.9**	**J**	10	2.0	ug/L			02/19/26 19:51	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
2-Hexanone	**6.5**	**J**	10	2.0	ug/L			02/19/26 19:51	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 19:51	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
4-Methyl-2-pentanone	**3.7**	**J**	10	2.0	ug/L			02/19/26 19:51	1
Acetone	**25**		10	8.5	ug/L			02/19/26 19:51	1
Benzene	**2.7**		1.0	0.15	ug/L			02/19/26 19:51	1
Bromobenzene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Bromoform	ND		1.0	0.40	ug/L			02/19/26 19:51	1
Bromomethane	ND		3.0	2.0	ug/L			02/19/26 19:51	1
Carbon disulfide	ND		10	1.0	ug/L			02/19/26 19:51	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Chlorobenzene	ND		1.0	0.50	ug/L			02/19/26 19:51	1
Chloroethane	ND		2.0	0.40	ug/L			02/19/26 19:51	1
Chloroform	ND		1.0	0.25	ug/L			02/19/26 19:51	1
Chloromethane	ND		3.0	1.0	ug/L			02/19/26 19:51	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			02/19/26 19:51	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Dibromomethane	ND		1.0	0.40	ug/L			02/19/26 19:51	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			02/19/26 19:51	1
Ethylbenzene	**0.37**	**J**	1.0	0.20	ug/L			02/19/26 19:51	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			02/19/26 19:51	1
Isopropylbenzene	ND		1.0	0.20	ug/L			02/19/26 19:51	1

Client Sample ID: FY Treated EFF **Lab Sample ID: 885-43308-4**
Date Collected: 02/11/26 14:53 **Matrix: Water**
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	**0.99**	**J**	1.0	0.40	ug/L			02/19/26 19:51	1
Methylene Chloride	ND		2.5	1.0	ug/L			02/19/26 19:51	1
n-Butylbenzene	ND		3.0	0.20	ug/L			02/19/26 19:51	1
N-Propylbenzene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Naphthalene	ND		2.0	1.0	ug/L			02/19/26 19:51	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Styrene	ND		1.0	0.25	ug/L			02/19/26 19:51	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			02/19/26 19:51	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Toluene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			02/19/26 19:51	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			02/19/26 19:51	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/19/26 19:51	1
Xylenes, Total	**0.67**	**J**	1.5	0.20	ug/L			02/19/26 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/19/26 19:51*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/19/26 19:51*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/19/26 19:51*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*02/19/26 19:51*	*1*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**0.10**		0.050	0.013	mg/L			02/16/26 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 196*		*02/16/26 16:59*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**1.1**		0.091	0.073	ug/L		02/17/26 13:03	02/19/26 14:02	10

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.0**		1.0	0.70	mg/L		02/16/26 13:01	02/16/26 15:58	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		02/16/26 13:01	02/16/26 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*46 - 159*	*02/16/26 13:01*	*02/16/26 15:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		10	5.0	mg/L			02/15/26 15:55	20
Sulfate	**50**		0.50	0.39	mg/L			02/15/26 15:44	1
Nitrate Nitrite as N	**2.4**		0.50	0.11	mg/L			02/15/26 21:42	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**630**		100	50	mg/L			02/18/26 14:04	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43308-1
Project/Site: Former Y

Client Sample ID: FY Raw
Lab Sample ID: 885-43308-5
Date Collected: 02/11/26 14:45
Matrix: Water
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L			02/19/26 20:16	2
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			02/19/26 20:16	2
1,1,2,2-Tetrachloroethane	ND		4.0	0.82	ug/L			02/19/26 20:16	2
1,1,2-Trichloroethane	**0.44**	**J**	2.0	0.40	ug/L			02/19/26 20:16	2
1,1-Dichloroethane	ND		2.0	0.50	ug/L			02/19/26 20:16	2
1,1-Dichloroethene	ND		2.0	0.50	ug/L			02/19/26 20:16	2
1,1-Dichloropropene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
1,2,3-Trichloropropane	ND		4.0	0.40	ug/L			02/19/26 20:16	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			02/19/26 20:16	2
1,2,4-Trimethylbenzene	**24**		2.0	0.40	ug/L			02/19/26 20:16	2
1,2-Dibromo-3-Chloropropane	ND		4.0	1.5	ug/L			02/19/26 20:16	2
1,2-Dibromoethane (EDB)	**7.7**		2.0	0.40	ug/L			02/19/26 20:16	2
1,2-Dichlorobenzene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
1,2-Dichloroethane (EDC)	**79**		2.0	0.50	ug/L			02/19/26 20:16	2
1,2-Dichloropropane	ND		2.0	0.40	ug/L			02/19/26 20:16	2
1,3,5-Trimethylbenzene	**17**		2.0	0.40	ug/L			02/19/26 20:16	2
1,3-Dichlorobenzene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
1,3-Dichloropropane	ND		2.0	0.40	ug/L			02/19/26 20:16	2
1,4-Dichlorobenzene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
1-Methylnaphthalene	ND		8.0	3.0	ug/L			02/19/26 20:16	2
2,2-Dichloropropane	ND		4.0	0.50	ug/L			02/19/26 20:16	2
2-Butanone	**9.9**	**J**	20	4.0	ug/L			02/19/26 20:16	2
2-Chlorotoluene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
2-Hexanone	**13**	**J**	20	4.0	ug/L			02/19/26 20:16	2
2-Methylnaphthalene	ND		8.0	3.0	ug/L			02/19/26 20:16	2
4-Chlorotoluene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
4-Isopropyltoluene	**0.83**	**J**	2.0	0.40	ug/L			02/19/26 20:16	2
4-Methyl-2-pentanone	**9.9**	**J**	20	4.0	ug/L			02/19/26 20:16	2
Acetone	**48**		20	17	ug/L			02/19/26 20:16	2
Benzene	**260**		20	3.0	ug/L			02/20/26 18:03	20
Bromobenzene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
Bromodichloromethane	ND		2.0	0.40	ug/L			02/19/26 20:16	2
Dibromochloromethane	ND		2.0	0.40	ug/L			02/19/26 20:16	2
Bromoform	ND		2.0	0.80	ug/L			02/19/26 20:16	2
Bromomethane	ND		6.0	4.0	ug/L			02/19/26 20:16	2
Carbon disulfide	ND		20	2.0	ug/L			02/19/26 20:16	2
Carbon tetrachloride	ND		2.0	0.40	ug/L			02/19/26 20:16	2
Chlorobenzene	ND		2.0	1.0	ug/L			02/19/26 20:16	2
Chloroethane	ND		4.0	0.80	ug/L			02/19/26 20:16	2
Chloroform	ND		2.0	0.50	ug/L			02/19/26 20:16	2
Chloromethane	ND		6.0	2.0	ug/L			02/19/26 20:16	2
cis-1,2-Dichloroethene	ND		2.0	0.80	ug/L			02/19/26 20:16	2
cis-1,3-Dichloropropene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
Dibromomethane	ND		2.0	0.80	ug/L			02/19/26 20:16	2
Dichlorodifluoromethane	ND		2.0	2.0	ug/L			02/19/26 20:16	2
Ethylbenzene	**20**		2.0	0.40	ug/L			02/19/26 20:16	2
Hexachlorobutadiene	ND		2.0	0.80	ug/L			02/19/26 20:16	2
Isopropylbenzene	**2.3**		2.0	0.40	ug/L			02/19/26 20:16	2

Client Sample ID: FY Raw **Lab Sample ID: 885-43308-5**
Date Collected: 02/11/26 14:45 **Matrix: Water**
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		2.0	0.80	ug/L			02/19/26 20:16	2
Methylene Chloride	ND		5.0	2.0	ug/L			02/19/26 20:16	2
n-Butylbenzene	**0.80**	**J**	6.0	0.40	ug/L			02/19/26 20:16	2
N-Propylbenzene	**2.8**		2.0	0.40	ug/L			02/19/26 20:16	2
Naphthalene	**5.9**		4.0	2.0	ug/L			02/19/26 20:16	2
sec-Butylbenzene	**0.54**	**J**	2.0	0.40	ug/L			02/19/26 20:16	2
Styrene	ND		2.0	0.50	ug/L			02/19/26 20:16	2
tert-Butylbenzene	ND		2.0	0.80	ug/L			02/19/26 20:16	2
Tetrachloroethene (PCE)	ND		2.0	0.40	ug/L			02/19/26 20:16	2
Toluene	**3.5**		2.0	0.40	ug/L			02/19/26 20:16	2
trans-1,2-Dichloroethene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
trans-1,3-Dichloropropene	ND		2.0	0.40	ug/L			02/19/26 20:16	2
Trichloroethene (TCE)	ND		2.0	0.60	ug/L			02/19/26 20:16	2
Trichlorofluoromethane	ND		2.0	0.40	ug/L			02/19/26 20:16	2
Vinyl chloride	ND		2.0	0.60	ug/L			02/19/26 20:16	2
Xylenes, Total	**62**		3.0	0.40	ug/L			02/19/26 20:16	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*02/19/26 20:16*	*2*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/20/26 18:03*	*20*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/19/26 20:16*	*2*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/20/26 18:03*	*20*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/19/26 20:16*	*2*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/20/26 18:03*	*20*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*02/19/26 20:16*	*2*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/20/26 18:03*	*20*

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**1.7**		0.050	0.013	mg/L			02/16/26 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*		*15 - 196*		*02/16/26 17:21*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0091	0.0073	ug/L		02/17/26 13:03	02/20/26 11:02	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**0.88**	**J**	1.0	0.70	mg/L		02/16/26 13:01	02/16/26 16:10	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		02/16/26 13:01	02/16/26 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*46 - 159*	*02/16/26 13:01*	*02/16/26 16:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		10	5.0	mg/L			02/15/26 16:39	20
Sulfate	**50**		0.50	0.39	mg/L			02/15/26 16:28	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43308-1
Project/Site: Former Y

Client Sample ID: FY Raw **Lab Sample ID: 885-43308-5**
Date Collected: 02/11/26 14:45 **Matrix: Water**
Date Received: 02/13/26 09:35

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.3		0.50	0.11	mg/L			02/15/26 21:53	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	680		100	50	mg/L			02/18/26 14:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-43492/5
Matrix: Water
Analysis Batch: 43492

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			02/19/26 14:06	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			02/19/26 14:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			02/19/26 14:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 14:06	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			02/19/26 14:06	1
2-Butanone	ND		10	2.0	ug/L			02/19/26 14:06	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
2-Hexanone	ND		10	2.0	ug/L			02/19/26 14:06	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 14:06	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			02/19/26 14:06	1
Acetone	ND		10	8.5	ug/L			02/19/26 14:06	1
Benzene	ND		1.0	0.15	ug/L			02/19/26 14:06	1
Bromobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Bromoform	ND		1.0	0.40	ug/L			02/19/26 14:06	1
Bromomethane	ND		3.0	2.0	ug/L			02/19/26 14:06	1
Carbon disulfide	ND		10	1.0	ug/L			02/19/26 14:06	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Chlorobenzene	ND		1.0	0.50	ug/L			02/19/26 14:06	1
Chloroethane	ND		2.0	0.40	ug/L			02/19/26 14:06	1
Chloroform	ND		1.0	0.25	ug/L			02/19/26 14:06	1
Chloromethane	ND		3.0	1.0	ug/L			02/19/26 14:06	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			02/19/26 14:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Dibromomethane	ND		1.0	0.40	ug/L			02/19/26 14:06	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			02/19/26 14:06	1
Ethylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			02/19/26 14:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-43492/5 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			02/19/26 14:06	1
Methylene Chloride	ND		2.5	1.0	ug/L			02/19/26 14:06	1
n-Butylbenzene	ND		3.0	0.20	ug/L			02/19/26 14:06	1
N-Propylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Naphthalene	ND		2.0	1.0	ug/L			02/19/26 14:06	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Styrene	ND		1.0	0.25	ug/L			02/19/26 14:06	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			02/19/26 14:06	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Toluene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			02/19/26 14:06	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/19/26 14:06	1
Xylenes, Total	ND		1.5	0.20	ug/L			02/19/26 14:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*02/19/26 14:06*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/19/26 14:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*02/19/26 14:06*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*02/19/26 14:06*	*1*

Lab Sample ID: LCS 885-43492/4 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43492

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	17.6		ug/L		88	70 - 130		
Benzene			20.0	19.8		ug/L		99	70 - 130		
Chlorobenzene			20.0	19.4		ug/L		97	70 - 130		
Toluene			20.0	19.3		ug/L		96	70 - 130		
Trichloroethene (TCE)			20.0	18.3		ug/L		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 885-43601/4 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-43601/4
Matrix: Water
Analysis Batch: 43601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			02/20/26 13:31	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			02/20/26 13:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			02/20/26 13:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			02/20/26 13:31	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			02/20/26 13:31	1
2-Butanone	ND		10	2.0	ug/L			02/20/26 13:31	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
2-Hexanone	ND		10	2.0	ug/L			02/20/26 13:31	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			02/20/26 13:31	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			02/20/26 13:31	1
Acetone	ND		10	8.5	ug/L			02/20/26 13:31	1
Benzene	ND		1.0	0.15	ug/L			02/20/26 13:31	1
Bromobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Bromoform	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Bromomethane	ND		3.0	2.0	ug/L			02/20/26 13:31	1
Carbon disulfide	ND		10	1.0	ug/L			02/20/26 13:31	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Chlorobenzene	ND		1.0	0.50	ug/L			02/20/26 13:31	1
Chloroethane	ND		2.0	0.40	ug/L			02/20/26 13:31	1
Chloroform	ND		1.0	0.25	ug/L			02/20/26 13:31	1
Chloromethane	ND		3.0	1.0	ug/L			02/20/26 13:31	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			02/20/26 13:31	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Dibromomethane	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			02/20/26 13:31	1
Ethylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Isopropylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Methylene Chloride	ND		2.5	1.0	ug/L			02/20/26 13:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-43601/4
Matrix: Water
Analysis Batch: 43601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		3.0	0.20	ug/L			02/20/26 13:31	1
N-Propylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Naphthalene	ND		2.0	1.0	ug/L			02/20/26 13:31	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Styrene	ND		1.0	0.25	ug/L			02/20/26 13:31	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Toluene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			02/20/26 13:31	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/20/26 13:31	1
Xylenes, Total	ND		1.5	0.20	ug/L			02/20/26 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*02/20/26 13:31*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/20/26 13:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/20/26 13:31*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/20/26 13:31*	*1*

Lab Sample ID: LCS 885-43601/3
Matrix: Water
Analysis Batch: 43601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	17.8		ug/L		89	70 - 130
Benzene	20.0	19.9		ug/L		99	70 - 130
Chlorobenzene	20.0	19.4		ug/L		97	70 - 130
Toluene	20.0	19.3		ug/L		96	70 - 130
Trichloroethene (TCE)	20.0	18.2		ug/L		91	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-43160/6
Matrix: Air
Analysis Batch: 43160

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	1.3	ug/L			02/16/26 12:34	1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: MB 885-43160/6
Matrix: Air
Analysis Batch: 43160

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150		02/16/26 12:34	1

Lab Sample ID: LCS 885-43160/4
Matrix: Air
Analysis Batch: 43160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	50.0	45.9		ug/L		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	212		15 - 150

Lab Sample ID: MB 885-43184/16
Matrix: Water
Analysis Batch: 43184

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050	0.013	mg/L			02/16/26 16:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 196		02/16/26 16:15	1

Lab Sample ID: LCS 885-43184/15
Matrix: Water
Analysis Batch: 43184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	0.500	0.449		mg/L		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	207		15 - 196

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-43162/6
Matrix: Air
Analysis Batch: 43162

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.10	0.018	ug/L			02/16/26 12:34	1
Ethylbenzene	ND		0.10	0.014	ug/L			02/16/26 12:34	1
Methyl-tert-butyl Ether (MTBE)	ND		0.25	0.043	ug/L			02/16/26 12:34	1
Toluene	ND		0.10	0.021	ug/L			02/16/26 12:34	1
Xylenes, Total	ND		0.20	0.031	ug/L			02/16/26 12:34	1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-43162/6
Matrix: Air
Analysis Batch: 43162

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		39 - 150		02/16/26 12:34	1

Lab Sample ID: LCS 885-43162/5
Matrix: Air
Analysis Batch: 43162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.00	1.87		ug/L		93	70 - 130
Ethylbenzene	2.00	1.85		ug/L		92	70 - 130
m&p-Xylene	4.00	3.72		ug/L		93	70 - 130
Methyl-tert-butyl Ether (MTBE)	2.00	2.03		ug/L		102	70 - 130
o-Xylene	2.00	1.83		ug/L		91	70 - 130
Toluene	2.00	1.86		ug/L		93	70 - 130
Xylenes, Total	6.00	5.55		ug/L		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		39 - 150

Lab Sample ID: MB 885-43226/4
Matrix: Air
Analysis Batch: 43226

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.10	0.018	ug/L			02/17/26 11:35	1
Ethylbenzene	ND		0.10	0.014	ug/L			02/17/26 11:35	1
Toluene	ND		0.10	0.021	ug/L			02/17/26 11:35	1
Xylenes, Total	ND		0.20	0.031	ug/L			02/17/26 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		39 - 150		02/17/26 11:35	1

Lab Sample ID: LCS 885-43226/3
Matrix: Air
Analysis Batch: 43226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.00	1.94		ug/L		97	70 - 130
Ethylbenzene	2.00	1.96		ug/L		98	70 - 130
m&p-Xylene	4.00	3.90		ug/L		98	70 - 130
o-Xylene	2.00	1.93		ug/L		96	70 - 130
Toluene	2.00	1.97		ug/L		98	70 - 130
Xylenes, Total	6.00	5.83		ug/L		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		39 - 150

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-43308-3 DU
Matrix: Air
Analysis Batch: 43226

Client Sample ID: DTA EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Benzene	1.3			1.30		ug/L				3	20
Ethylbenzene	0.21			0.218		ug/L				2	20
Toluene	0.21			0.211		ug/L				2	20
Xylenes, Total	1.1			1.15		ug/L				0.6	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*39 - 150*

Lab Sample ID: MB 885-43430/3
Matrix: Air
Analysis Batch: 43430

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.10	0.018	ug/L			02/19/26 13:42	1
Ethylbenzene	ND		0.10	0.014	ug/L			02/19/26 13:42	1
Methyl-tert-butyl Ether (MTBE)	ND		0.25	0.043	ug/L			02/19/26 13:42	1
Toluene	ND		0.10	0.021	ug/L			02/19/26 13:42	1
Xylenes, Total	ND		0.20	0.031	ug/L			02/19/26 13:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*181*		*39 - 150*		*02/19/26 13:42*	*1*

Lab Sample ID: LCS 885-43430/2
Matrix: Air
Analysis Batch: 43430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			2.00	1.82		ug/L		91	70 - 130		
Ethylbenzene			2.00	1.87		ug/L		93	70 - 130		
m&p-Xylene			4.00	3.72		ug/L		93	70 - 130		
Methyl-tert-butyl Ether (MTBE)			2.00	2.73	*+	ug/L		137	70 - 130		
o-Xylene			2.00	1.84		ug/L		92	70 - 130		
Toluene			2.00	1.85		ug/L		92	70 - 130		
Xylenes, Total			6.00	5.55		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*182*		*39 - 150*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-43262/3-A
Matrix: Water
Analysis Batch: 43270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		02/17/26 13:03	02/17/26 19:17	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 885-43262/4-A **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43270 **Prep Batch: 43262**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.100	0.117		ug/L		117	70 - 130

Lab Sample ID: LCSD 885-43262/5-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43270 **Prep Batch: 43262**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.100	0.118		ug/L		118	70 - 130	1	20

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-43171/1-A **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43168 **Prep Batch: 43171**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.70	mg/L		02/16/26 13:01	02/16/26 15:22	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		02/16/26 13:01	02/16/26 15:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*46 - 159*	*02/16/26 13:01*	*02/16/26 15:22*	*1*

Lab Sample ID: LCS 885-43171/2-A **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43168 **Prep Batch: 43171**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	2.50	2.71		mg/L		108	57 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*100*		*46 - 159*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-43109/4 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43109

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			02/15/26 10:19	1
Sulfate	ND		0.50	0.39	mg/L			02/15/26 10:19	1

Lab Sample ID: LCS 885-43109/5 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 43109

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.05		mg/L		101	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-43109/5
Matrix: Water
Analysis Batch: 43109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: MRL 885-43109/3
Matrix: Water
Analysis Batch: 43109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.538		mg/L		108	50 - 150
Sulfate	0.500	0.541		mg/L		108	50 - 150

Lab Sample ID: MB 885-43110/4
Matrix: Water
Analysis Batch: 43110

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.10	0.022	mg/L			02/15/26 10:19	1

Lab Sample ID: LCS 885-43110/5
Matrix: Water
Analysis Batch: 43110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.51		mg/L		100	90 - 110
Nitrite as N	1.00	0.964		mg/L		96	90 - 110

Lab Sample ID: MRL 885-43110/3
Matrix: Water
Analysis Batch: 43110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.109		mg/L		109	50 - 150
Nitrite as N	0.100	0.103		mg/L		103	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-43378/1
Matrix: Water
Analysis Batch: 43378

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	25	mg/L			02/18/26 14:04	1

Lab Sample ID: LCS 885-43378/2
Matrix: Water
Analysis Batch: 43378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1020		mg/L		102	80 - 120

QC Association Summary

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-43308-1

GC/MS VOA

Analysis Batch: 43492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	8260B	
885-43308-5	FY Raw	Total/NA	Water	8260B	
MB 885-43492/5	Method Blank	Total/NA	Water	8260B	
LCS 885-43492/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 43601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-5	FY Raw	Total/NA	Water	8260B	
MB 885-43601/4	Method Blank	Total/NA	Water	8260B	
LCS 885-43601/3	Lab Control Sample	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 43160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-1	FY OX EFF	Total/NA	Air	8015M/D	
885-43308-2	FY COMB INF	Total/NA	Air	8015M/D	
885-43308-3	DTA EFF	Total/NA	Air	8015M/D	
MB 885-43160/6	Method Blank	Total/NA	Air	8015M/D	
LCS 885-43160/4	Lab Control Sample	Total/NA	Air	8015M/D	

Analysis Batch: 43162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-1	FY OX EFF	Total/NA	Air	8021B	
885-43308-2	FY COMB INF	Total/NA	Air	8021B	
885-43308-3	DTA EFF	Total/NA	Air	8021B	
MB 885-43162/6	Method Blank	Total/NA	Air	8021B	
LCS 885-43162/5	Lab Control Sample	Total/NA	Air	8021B	

Analysis Batch: 43184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	8015M/D	
885-43308-5	FY Raw	Total/NA	Water	8015M/D	
MB 885-43184/16	Method Blank	Total/NA	Water	8015M/D	
LCS 885-43184/15	Lab Control Sample	Total/NA	Water	8015M/D	

Analysis Batch: 43226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-43226/4	Method Blank	Total/NA	Air	8021B	
LCS 885-43226/3	Lab Control Sample	Total/NA	Air	8021B	
885-43308-3 DU	DTA EFF	Total/NA	Air	8021B	

Analysis Batch: 43430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-1	FY OX EFF	Total/NA	Air	8021B	
885-43308-2	FY COMB INF	Total/NA	Air	8021B	
885-43308-3	DTA EFF	Total/NA	Air	8021B	
MB 885-43430/3	Method Blank	Total/NA	Air	8021B	
LCS 885-43430/2	Lab Control Sample	Total/NA	Air	8021B	

GC Semi VOA

Analysis Batch: 43168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	8015M/D	43171
885-43308-5	FY Raw	Total/NA	Water	8015M/D	43171
MB 885-43171/1-A	Method Blank	Total/NA	Water	8015M/D	43171
LCS 885-43171/2-A	Lab Control Sample	Total/NA	Water	8015M/D	43171

Prep Batch: 43171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	3511	
885-43308-5	FY Raw	Total/NA	Water	3511	
MB 885-43171/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-43171/2-A	Lab Control Sample	Total/NA	Water	3511	

Prep Batch: 43262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	8011	
885-43308-5	FY Raw	Total/NA	Water	8011	
MB 885-43262/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-43262/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-43262/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 43270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-43262/3-A	Method Blank	Total/NA	Water	8011	43262
LCS 885-43262/4-A	Lab Control Sample	Total/NA	Water	8011	43262
LCSD 885-43262/5-A	Lab Control Sample Dup	Total/NA	Water	8011	43262

Analysis Batch: 43535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	8011	43262

Analysis Batch: 43536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-5	FY Raw	Total/NA	Water	8011	43262

HPLC/IC

Analysis Batch: 43109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	300.0	
885-43308-4	FY Treated EFF	Total/NA	Water	300.0	
885-43308-5	FY Raw	Total/NA	Water	300.0	
885-43308-5	FY Raw	Total/NA	Water	300.0	
MB 885-43109/4	Method Blank	Total/NA	Water	300.0	
LCS 885-43109/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-43109/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 43110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	300.0	
885-43308-5	FY Raw	Total/NA	Water	300.0	
MB 885-43110/4	Method Blank	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 43110 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-43110/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-43110/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 43378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43308-4	FY Treated EFF	Total/NA	Water	2540C	
885-43308-5	FY Raw	Total/NA	Water	2540C	
MB 885-43378/1	Method Blank	Total/NA	Water	2540C	
LCS 885-43378/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-43308-1

Client Sample ID: FY OX EFF

Lab Sample ID: 885-43308-1

Date Collected: 02/11/26 14:24
Date Received: 02/13/26 09:35

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		1	43160	AT	EET ALB	02/16/26 12:58
Total/NA	Analysis	8021B		1	43162	AT	EET ALB	02/16/26 12:58
Total/NA	Analysis	8021B		1	43430	VP	EET ALB	02/19/26 14:25

Client Sample ID: FY COMB INF

Lab Sample ID: 885-43308-2

Date Collected: 02/11/26 14:15
Date Received: 02/13/26 09:35

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		10	43160	AT	EET ALB	02/16/26 14:48
Total/NA	Analysis	8021B		10	43162	AT	EET ALB	02/16/26 14:48
Total/NA	Analysis	8021B		10	43430	VP	EET ALB	02/19/26 14:47

Client Sample ID: DTA EFF

Lab Sample ID: 885-43308-3

Date Collected: 02/11/26 14:32
Date Received: 02/13/26 09:35

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		1	43160	AT	EET ALB	02/16/26 15:10
Total/NA	Analysis	8021B		1	43162	AT	EET ALB	02/16/26 15:10
Total/NA	Analysis	8021B		1	43430	VP	EET ALB	02/19/26 15:08

Client Sample ID: FY Treated EFF

Lab Sample ID: 885-43308-4

Date Collected: 02/11/26 14:53
Date Received: 02/13/26 09:35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	43492	VP	EET ALB	02/19/26 19:51
Total/NA	Analysis	8015M/D		1	43184	AT	EET ALB	02/16/26 16:59
Total/NA	Prep	8011			43262	DH	EET ALB	02/17/26 13:03
Total/NA	Analysis	8011		10	43535	DH	EET ALB	02/19/26 14:02
Total/NA	Prep	3511			43171	DR	EET ALB	02/16/26 13:01
Total/NA	Analysis	8015M/D		1	43168	EM	EET ALB	02/16/26 15:58
Total/NA	Analysis	300.0		1	43109	JT	EET ALB	02/15/26 15:44
Total/NA	Analysis	300.0		20	43109	JT	EET ALB	02/15/26 15:55
Total/NA	Analysis	300.0		5	43110	JT	EET ALB	02/15/26 21:42
Total/NA	Analysis	2540C		1	43378	KS	EET ALB	02/18/26 14:04

Client Sample ID: FY Raw

Lab Sample ID: 885-43308-5

Date Collected: 02/11/26 14:45
Date Received: 02/13/26 09:35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	43492	VP	EET ALB	02/19/26 20:16

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43308-1
Project/Site: Former Y

Client Sample ID: FY Raw
Lab Sample ID: 885-43308-5

Date Collected: 02/11/26 14:45
Matrix: Water

Date Received: 02/13/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		20	43601	CM	EET ALB	02/20/26 18:03
Total/NA	Analysis	8015M/D		1	43184	AT	EET ALB	02/16/26 17:21
Total/NA	Prep	8011			43262	DH	EET ALB	02/17/26 13:03
Total/NA	Analysis	8011		1	43536	DB	EET ALB	02/20/26 11:02
Total/NA	Prep	3511			43171	DR	EET ALB	02/16/26 13:01
Total/NA	Analysis	8015M/D		1	43168	EM	EET ALB	02/16/26 16:10
Total/NA	Analysis	300.0		1	43109	JT	EET ALB	02/15/26 16:28
Total/NA	Analysis	300.0		20	43109	JT	EET ALB	02/15/26 16:39
Total/NA	Analysis	300.0		5	43110	JT	EET ALB	02/15/26 21:53
Total/NA	Analysis	2540C		1	43378	KS	EET ALB	02/18/26 14:04

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43308-1
Project/Site: Former Y

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
8011	8011	Water	1,2-Dibromoethane (EDB)
8015M/D		Air	Gasoline Range Organics [C6 - C10]
8015M/D		Water	Gasoline Range Organics [C6 - C10]
8015M/D	3511	Water	Diesel Range Organics [C10-C28]
8015M/D	3511	Water	Motor Oil Range Organics [C28-C40]
8021B		Air	Benzene
8021B		Air	Ethylbenzene
8021B		Air	Methyl-tert-butyl Ether (MTBE)
8021B		Air	Toluene
8021B		Air	Xylenes, Total
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43308-1
Project/Site: Former Y

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015M/D		Air	Gasoline Range Organics [C6 - C10]
8021B		Air	Benzene
8021B		Air	Ethylbenzene
8021B		Air	Methyl-tert-butyl Ether (MTBE)
8021B		Air	Toluene
8021B		Air	Xylenes, Total

Chain-of-Custody Record

Client: DBS&A

Mailing Address: 6501 Americas Parkway STE 200, Albuquerque NM 87110

Phone #: 505-822-9400

email or Fax#: gherrmann@geo-logic.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Former Y

Project #: DB18.1157

Project Manager: g. herrmann

Sampler: T. Busch

On Ice: ☒ Yes ☐ No

# of Coolers: 1 (Many)

Cooler Temp(Including CF): 1.1 to 3=1.4°C

eurofins | Environ Albuquerque
www.hallenvironmental
4901 Hawkins NE - Albuquerque 885-43308 COC
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2/11	14:24	air	FY OX Eff	1-tedlar	None	
	14:15		FY comb inf			
	14:32		DTA Eff			
	14:53	GW	FY treated eff	5 voas, 2 plastic, 1 amber		
	14:45		FY RAW			

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	~~8260 (VOA)~~ SM 2540C	8270 (Semi-VOA)	Total Coliform (Present/Absent)	VOC - EPA method 8021B	TPH GRO - DRO - EPA method 8015B	EPA method 8260B	EPA method 504.1	EPA method 300	EPA method 8015B
							X		X	X	X	X			
									X	X	X				
									X	X	X				
							X					X	X	X	X
							X					X	X	X	X

Date	Time	Relinquished by	Received by	Via	Date	Time
2/13/26	9:35	Taylor Busch		UPS	2.13.26	935
Date:	Time:	Relinquished by	Received by	Via	Date	Time

Remarks:
Total coliforms wasn't supposed to be marked.
method 8015B with both TPH GRO + DRO
method 300 with sulfate, chloride, nitrate

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

2/24/2026

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc.

Job Number: 885-43308-1

Login Number: 43308

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

Generated 3/5/2026 3:38:51 PM

JOB DESCRIPTION

Former Y Station State Lead Site

JOB NUMBER

885-44133-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Definitions/Glossary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-44133-1
Project/Site: Former Y Station State Lead Site

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Job ID: 885-44133-1 Eurofins Albuquerque

Job Narrative
885-44133-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/26/2026 8:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

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

GC/MS VOA
Method 8260B: Surrogate recovery for the following sample was outside control limits: FY OX Eff (885-44133-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station State Lead Site

Job ID: 885-44133-1

Client Sample ID: FY OX Eff
Date Collected: 02/23/26 12:10
Date Received: 02/26/26 08:20
Sample Container: Tedlar Bag 1L

Lab Sample ID: 885-44133-1
Matrix: Air

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	480		5.0	5.0	ug/L			03/03/26 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*39 - 158*		*03/03/26 13:33*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.74		0.10	0.015	ug/L			03/03/26 13:33	1
Ethylbenzene	3.4		0.10	0.020	ug/L			03/03/26 13:33	1
Toluene	12		1.0	0.20	ug/L			03/03/26 14:55	10
Xylenes, Total	19		0.15	0.020	ug/L			03/03/26 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*03/03/26 13:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*03/03/26 14:55*	*10*
Toluene-d8 (Surr)	*136*	*S1+*	*70 - 130*		*03/03/26 13:33*	*1*
Toluene-d8 (Surr)	*118*		*70 - 130*		*03/03/26 14:55*	*10*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*03/03/26 13:33*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*03/03/26 14:55*	*10*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*03/03/26 13:33*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/03/26 14:55*	*10*

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station State Lead Site

Job ID: 885-44133-1

Client Sample ID: FY Comb Inf
Date Collected: 02/23/26 12:06
Date Received: 02/26/26 08:20
Sample Container: Tedlar Bag 1L

Lab Sample ID: 885-44133-2
Matrix: Air

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	920		50	50	ug/L			03/03/26 14:28	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*39 - 158*		*03/03/26 14:28*	*10*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.99	J	1.0	0.15	ug/L			03/03/26 14:28	10
Ethylbenzene	12		1.0	0.20	ug/L			03/03/26 14:28	10
Toluene	56		1.0	0.20	ug/L			03/03/26 14:28	10
Xylenes, Total	65		1.5	0.20	ug/L			03/03/26 14:28	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*03/03/26 14:28*	*10*
Toluene-d8 (Surr)	*122*		*70 - 130*		*03/03/26 14:28*	*10*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*03/03/26 14:28*	*10*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/03/26 14:28*	*10*

Method: 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-44199/5
Matrix: Air
Analysis Batch: 44199

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	5.0	ug/L			03/03/26 13:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*39 - 158*		*03/03/26 13:05*	*1*

Lab Sample ID: LCS 885-44199/4
Matrix: Air
Analysis Batch: 44199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			50.0	47.2		ug/L		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*39 - 158*

Lab Sample ID: 885-44133-1 DU
Matrix: Air
Analysis Batch: 44199

Client Sample ID: FY OX Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	480			467		ug/L				3	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*39 - 158*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-44200/4
Matrix: Air
Analysis Batch: 44200

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.10	0.015	ug/L			03/03/26 13:05	1
Ethylbenzene	ND		0.10	0.020	ug/L			03/03/26 13:05	1
Toluene	ND		0.10	0.020	ug/L			03/03/26 13:05	1
Xylenes, Total	ND		0.15	0.020	ug/L			03/03/26 13:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*03/03/26 13:05*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*03/03/26 13:05*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*03/03/26 13:05*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*03/03/26 13:05*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 885-44200/3
Matrix: Air
Analysis Batch: 44200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			2.00	1.70		ug/L		85	70 - 130		
Toluene			2.00	2.31		ug/L		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*
Toluene-d8 (Surr)	*116*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*

Lab Sample ID: 885-44133-1 DU
Matrix: Air
Analysis Batch: 44200

Client Sample ID: FY OX Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Benzene	0.74			0.715		ug/L				4	20
Ethylbenzene	3.4			3.06		ug/L				9	20
Xylenes, Total	19			17.7		ug/L				7	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*
Toluene-d8 (Surr)	*128*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*

QC Association Summary

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station State Lead Site

Job ID: 885-44133-1

GC/MS VOA

Analysis Batch: 44199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44133-1	FY OX Eff	Total/NA	Air	8015D	
885-44133-2	FY Comb Inf	Total/NA	Air	8015D	
MB 885-44199/5	Method Blank	Total/NA	Air	8015D	
LCS 885-44199/4	Lab Control Sample	Total/NA	Air	8015D	
885-44133-1 DU	FY OX Eff	Total/NA	Air	8015D	

Analysis Batch: 44200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44133-1	FY OX Eff	Total/NA	Air	8260B	
885-44133-1	FY OX Eff	Total/NA	Air	8260B	
885-44133-2	FY Comb Inf	Total/NA	Air	8260B	
MB 885-44200/4	Method Blank	Total/NA	Air	8260B	
LCS 885-44200/3	Lab Control Sample	Total/NA	Air	8260B	
885-44133-1 DU	FY OX Eff	Total/NA	Air	8260B	

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-44133-1
Project/Site: Former Y Station State Lead Site

Client Sample ID: FY OX Eff
Lab Sample ID: 885-44133-1
Date Collected: 02/23/26 12:10
Matrix: Air
Date Received: 02/26/26 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015D		1	44199	JP	EET ALB	03/03/26 13:33
Total/NA	Analysis	8260B		1	44200	RA	EET ALB	03/03/26 13:33
Total/NA	Analysis	8260B		10	44200	RA	EET ALB	03/03/26 14:55

Client Sample ID: FY Comb Inf
Lab Sample ID: 885-44133-2
Date Collected: 02/23/26 12:06
Matrix: Air
Date Received: 02/26/26 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015D		10	44199	JP	EET ALB	03/03/26 14:28
Total/NA	Analysis	8260B		10	44200	RA	EET ALB	03/03/26 14:28

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-44133-1
Project/Site: Former Y Station State Lead Site

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26 *

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D		Air	Gasoline Range Organics [C6 - C10]
8260B		Air	Benzene
8260B		Air	Ethylbenzene
8260B		Air	Toluene
8260B		Air	Xylenes, Total

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D		Air	Gasoline Range Organics [C6 - C10]
8260B		Air	Benzene
8260B		Air	Ethylbenzene
8260B		Air	Toluene
8260B		Air	Xylenes, Total

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Chain-of-Custody Record

Client: **Daniel B Stephens & Associates**

Mailing Address. **6501 Americas Parkway, STE 200**

Albuquerque, NM 87110

Phone #. **505-822-9400**

email or Fax#. **gherrmann@geo-logic.com**

QA/QC Package: ■ Standard ■ Level 4 (Full Validation)

Accreditation. ■ Az Compliance ■ NELAC ■ Other

■ EDD (Type)

Turn-Around Time. ■ Standard ■ Rush

Project Name. **Former Y Station State Lead Site**

Project #. **DB18.1157**

Project Manager. **Grace Herrmann**

Sampler

On Ice: ■ Yes ■ No

# of Coolers: n/a

Cooler Temp(Including CF):

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

885 44133 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	VOCs - EPA method 8260B	EDB - EPA method 504.1	TPH GRO/DRO - EPA method 8015B	Sulfate/Chloride - EPA method 300 0	Nitrate (as N) - EPA method 300 0	TDS - SM2540C	EPA method 8021B (BTEX & MTBE)	8015 GRO
2/23	12:10	Air	FY OX Eff	1-Tedlar	None								X	X
2/23	12:06	Air	FY Comb Inf	1-Tedlar	None								X	X
		~~Air~~	~~FY DTA Eff~~	~~1-Tedlar~~	~~None~~								~~X~~	~~X~~

Date	Time	Relinquished by	Received by	Via	Date	Time
2/20	8:20			CDO	2/26/26	8:20
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks:

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical repo

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc.

Job Number: 885-44133-1

Login Number: 44133

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

Generated 3/11/2026 10:03:16 AM

JOB DESCRIPTION

Former Y Station State Lead Site

JOB NUMBER

885-44131-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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3/11/2026 10:03:16 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Client: Daniel B. Stephens & Associates Inc. Job ID: 885-44131-1
Project/Site: Former Y Station State Lead Site

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 885-44131-1 Eurofins Albuquerque

Job Narrative
885-44131-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/26/2026 8:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

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

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

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

GC Semi VOA
Method 8011: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 885-44148 and analytical batch 885-44156 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of 1,2-Dibromoethane (EDB) in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 8011: The following samples required a dilution due to the nature of the sample matrix: FY Treated Eff (885-44131-1) and FY Raw (885-44131-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

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

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

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station State Lead Site

Job ID: 885-44131-1

Client Sample ID: FY Treated Eff

Date Collected: 02/24/26 13:39
Date Received: 02/26/26 08:20

Lab Sample ID: 885-44131-1
Matrix: Water

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	0.096		0.050	0.044	mg/L			03/02/26 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*03/02/26 22:54*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			03/02/26 22:54	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			03/02/26 22:54	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			03/02/26 22:54	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			03/02/26 22:54	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			03/02/26 22:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			03/02/26 22:54	1
1,2,4-Trimethylbenzene	0.28	J	1.0	0.20	ug/L			03/02/26 22:54	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			03/02/26 22:54	1
1,2-Dibromoethane (EDB)	0.91	J	1.0	0.20	ug/L			03/02/26 22:54	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,2-Dichloroethane (EDC)	7.0		1.0	0.25	ug/L			03/02/26 22:54	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			03/02/26 22:54	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			03/02/26 22:54	1
2-Butanone	3.6	J	10	2.0	ug/L			03/02/26 22:54	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
2-Hexanone	ND		10	2.0	ug/L			03/02/26 22:54	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			03/02/26 22:54	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			03/02/26 22:54	1
Acetone	ND		10	8.5	ug/L			03/02/26 22:54	1
Benzene	2.1		1.0	0.15	ug/L			03/02/26 22:54	1
Bromobenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Bromodichloromethane	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Dibromochloromethane	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Bromoform	ND		1.0	0.40	ug/L			03/02/26 22:54	1
Bromomethane	ND		3.0	2.0	ug/L			03/02/26 22:54	1
Carbon disulfide	ND		10	1.0	ug/L			03/02/26 22:54	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/02/26 22:54	1
Chloroethane	ND		2.0	0.40	ug/L			03/02/26 22:54	1
Chloroform	ND		1.0	0.25	ug/L			03/02/26 22:54	1
Chloromethane	ND		3.0	1.0	ug/L			03/02/26 22:54	1

Client Sample ID: FY Treated Eff
Lab Sample ID: 885-44131-1
Date Collected: 02/24/26 13:39
Matrix: Water
Date Received: 02/26/26 08:20

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			03/02/26 22:54	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Dibromomethane	ND		1.0	0.40	ug/L			03/02/26 22:54	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			03/02/26 22:54	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			03/02/26 22:54	1
Isopropylbenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Methyl-tert-butyl Ether (MTBE)	**1.3**		1.0	0.40	ug/L			03/02/26 22:54	1
Methylene Chloride	ND		2.5	1.0	ug/L			03/02/26 22:54	1
n-Butylbenzene	ND		3.0	0.20	ug/L			03/02/26 22:54	1
N-Propylbenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Naphthalene	ND		2.0	1.0	ug/L			03/02/26 22:54	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Styrene	ND		1.0	0.25	ug/L			03/02/26 22:54	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			03/02/26 22:54	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Toluene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			03/02/26 22:54	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			03/02/26 22:54	1
Vinyl chloride	ND		1.0	0.30	ug/L			03/02/26 22:54	1
Xylenes, Total	**0.28**	**J**	1.5	0.20	ug/L			03/02/26 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*		*03/02/26 22:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/02/26 22:54*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*03/02/26 22:54*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*03/02/26 22:54*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.84**	**D**	0.090	0.072	ug/L		03/02/26 12:41	03/03/26 12:51	10

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**0.88**	**J**	1.0	0.70	mg/L		03/02/26 08:29	03/02/26 11:16	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		03/02/26 08:29	03/02/26 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*46 - 159*	*03/02/26 08:29*	*03/02/26 11:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		10	5.0	mg/L			02/26/26 12:10	20
Nitrate as N	**2.1**		0.10	0.020	mg/L			02/26/26 11:56	1
Sulfate	**52**		0.50	0.39	mg/L			02/26/26 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**580**		100	50	mg/L			03/03/26 16:55	1

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station State Lead Site

Job ID: 885-44131-1

Client Sample ID: FY Raw
Date Collected: 02/24/26 13:26
Date Received: 02/26/26 08:20

Lab Sample ID: 885-44131-2
Matrix: Water

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	1.2		0.050	0.044	mg/L			03/02/26 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*03/02/26 23:18*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			03/02/26 23:18	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			03/02/26 23:18	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			03/02/26 23:18	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			03/02/26 23:18	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			03/02/26 23:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			03/02/26 23:18	1
1,2,4-Trimethylbenzene	17		1.0	0.20	ug/L			03/02/26 23:18	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			03/02/26 23:18	1
1,2-Dibromoethane (EDB)	7.6		1.0	0.20	ug/L			03/02/26 23:18	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1,2-Dichloroethane (EDC)	66		1.0	0.25	ug/L			03/02/26 23:18	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1,3,5-Trimethylbenzene	13		1.0	0.20	ug/L			03/02/26 23:18	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
1-Methylnaphthalene	2.0	J	4.0	1.5	ug/L			03/02/26 23:18	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			03/02/26 23:18	1
2-Butanone	6.1	J	10	2.0	ug/L			03/02/26 23:18	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
2-Hexanone	22		10	2.0	ug/L			03/02/26 23:18	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			03/02/26 23:18	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
4-Isopropyltoluene	0.61	J	1.0	0.20	ug/L			03/02/26 23:18	1
4-Methyl-2-pentanone	11		10	2.0	ug/L			03/02/26 23:18	1
Acetone	22		10	8.5	ug/L			03/02/26 23:18	1
Benzene	170		2.0	0.30	ug/L			03/06/26 17:35	2
Bromobenzene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
Bromodichloromethane	ND		1.0	0.20	ug/L			03/02/26 23:18	1
Dibromochloromethane	ND		1.0	0.20	ug/L			03/02/26 23:18	1
Bromoform	ND		1.0	0.40	ug/L			03/02/26 23:18	1
Bromomethane	ND		3.0	2.0	ug/L			03/02/26 23:18	1
Carbon disulfide	ND		10	1.0	ug/L			03/02/26 23:18	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			03/02/26 23:18	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/02/26 23:18	1
Chloroethane	ND		2.0	0.40	ug/L			03/02/26 23:18	1
Chloroform	ND		1.0	0.25	ug/L			03/02/26 23:18	1
Chloromethane	ND		3.0	1.0	ug/L			03/02/26 23:18	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-44131-1
Project/Site: Former Y Station State Lead Site

Client Sample ID: FY Raw
Lab Sample ID: 885-44131-2
Date Collected: 02/24/26 13:26
Matrix: Water
Date Received: 02/26/26 08:20

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			03/02/26 23:18	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
Dibromomethane	ND		1.0	0.40	ug/L			03/02/26 23:18	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			03/02/26 23:18	1
Ethylbenzene	**13**		1.0	0.20	ug/L			03/02/26 23:18	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			03/02/26 23:18	1
Isopropylbenzene	**1.3**		1.0	0.20	ug/L			03/02/26 23:18	1
Methyl-tert-butyl Ether (MTBE)	**4.5**		1.0	0.40	ug/L			03/02/26 23:18	1
Methylene Chloride	ND		2.5	1.0	ug/L			03/02/26 23:18	1
n-Butylbenzene	ND		3.0	0.20	ug/L			03/02/26 23:18	1
N-Propylbenzene	**1.3**		1.0	0.20	ug/L			03/02/26 23:18	1
Naphthalene	**4.9**		2.0	1.0	ug/L			03/02/26 23:18	1
sec-Butylbenzene	**0.30**	**J**	1.0	0.20	ug/L			03/02/26 23:18	1
Styrene	ND		1.0	0.25	ug/L			03/02/26 23:18	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			03/02/26 23:18	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			03/02/26 23:18	1
Toluene	**1.0**		1.0	0.20	ug/L			03/02/26 23:18	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 23:18	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			03/02/26 23:18	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			03/02/26 23:18	1
Vinyl chloride	ND		1.0	0.30	ug/L			03/02/26 23:18	1
Xylenes, Total	**59**		1.5	0.20	ug/L			03/02/26 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*		*03/02/26 23:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*03/06/26 17:35*	*2*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/02/26 23:18*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/06/26 17:35*	*2*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*03/02/26 23:18*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*03/06/26 17:35*	*2*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*03/02/26 23:18*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*03/06/26 17:35*	*2*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**5.8**	**D**	0.92	0.73	ug/L		03/02/26 12:41	03/03/26 13:06	100

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.5**		1.0	0.70	mg/L		03/02/26 08:29	03/02/26 11:28	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		03/02/26 08:29	03/02/26 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*46 - 159*	*03/02/26 08:29*	*03/02/26 11:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		10	5.0	mg/L			02/26/26 12:39	20
Nitrate as N	**1.5**		0.10	0.020	mg/L			02/26/26 12:24	1
Sulfate	**50**		0.50	0.39	mg/L			02/26/26 12:24	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-44131-1
Project/Site: Former Y Station State Lead Site

Client Sample ID: FY Raw
Lab Sample ID: 885-44131-2
Date Collected: 02/24/26 13:26
Matrix: Water
Date Received: 02/26/26 08:20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	510		100	50	mg/L			03/03/26 16:55	1

Method: 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-44131/5
Matrix: Water
Analysis Batch: 44131

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050	0.044	mg/L			03/02/26 14:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*03/02/26 14:39*	*1*

Lab Sample ID: LCS 885-44131/4
Matrix: Water
Analysis Batch: 44131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			0.500	0.619		mg/L		124	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-44168/5
Matrix: Water
Analysis Batch: 44168

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			03/02/26 14:39	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			03/02/26 14:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			03/02/26 14:39	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			03/02/26 14:39	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			03/02/26 14:39	1
2-Butanone	ND		10	2.0	ug/L			03/02/26 14:39	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
2-Hexanone	ND		10	2.0	ug/L			03/02/26 14:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-44168/5
Matrix: Water
Analysis Batch: 44168

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		4.0	1.5	ug/L			03/02/26 14:39	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			03/02/26 14:39	1
Acetone	ND		10	8.5	ug/L			03/02/26 14:39	1
Benzene	ND		1.0	0.15	ug/L			03/02/26 14:39	1
Bromobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Bromodichloromethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Dibromochloromethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Bromoform	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Bromomethane	ND		3.0	2.0	ug/L			03/02/26 14:39	1
Carbon disulfide	ND		10	1.0	ug/L			03/02/26 14:39	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/02/26 14:39	1
Chloroethane	ND		2.0	0.40	ug/L			03/02/26 14:39	1
Chloroform	ND		1.0	0.25	ug/L			03/02/26 14:39	1
Chloromethane	ND		3.0	1.0	ug/L			03/02/26 14:39	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			03/02/26 14:39	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Dibromomethane	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			03/02/26 14:39	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Isopropylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Methylene Chloride	ND		2.5	1.0	ug/L			03/02/26 14:39	1
n-Butylbenzene	ND		3.0	0.20	ug/L			03/02/26 14:39	1
N-Propylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Naphthalene	ND		2.0	1.0	ug/L			03/02/26 14:39	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Styrene	ND		1.0	0.25	ug/L			03/02/26 14:39	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Toluene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			03/02/26 14:39	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Vinyl chloride	ND		1.0	0.30	ug/L			03/02/26 14:39	1
Xylenes, Total	ND		1.5	0.20	ug/L			03/02/26 14:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*		*03/02/26 14:39*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/02/26 14:39*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*03/02/26 14:39*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*03/02/26 14:39*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 885-44168/3
Matrix: Water
Analysis Batch: 44168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	18.9		ug/L		95	70 - 130
Benzene	20.0	21.2		ug/L		106	70 - 130
Chlorobenzene	20.0	20.6		ug/L		103	70 - 130
Toluene	20.0	21.1		ug/L		105	70 - 130
Trichloroethene (TCE)	20.0	20.1		ug/L		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 885-44462/5
Matrix: Water
Analysis Batch: 44462

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			03/06/26 13:08	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			03/06/26 13:08	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			03/06/26 13:08	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			03/06/26 13:08	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			03/06/26 13:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			03/06/26 13:08	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			03/06/26 13:08	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			03/06/26 13:08	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			03/06/26 13:08	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			03/06/26 13:08	1
2-Butanone	ND		10	2.0	ug/L			03/06/26 13:08	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
2-Hexanone	ND		10	2.0	ug/L			03/06/26 13:08	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			03/06/26 13:08	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			03/06/26 13:08	1
Acetone	ND		10	8.5	ug/L			03/06/26 13:08	1
Benzene	ND		1.0	0.15	ug/L			03/06/26 13:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-44462/5
Matrix: Water
Analysis Batch: 44462

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Bromodichloromethane	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Dibromochloromethane	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Bromoform	ND		1.0	0.40	ug/L			03/06/26 13:08	1
Bromomethane	ND		3.0	2.0	ug/L			03/06/26 13:08	1
Carbon disulfide	ND		10	1.0	ug/L			03/06/26 13:08	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/06/26 13:08	1
Chloroethane	ND		2.0	0.40	ug/L			03/06/26 13:08	1
Chloroform	ND		1.0	0.25	ug/L			03/06/26 13:08	1
Chloromethane	ND		3.0	1.0	ug/L			03/06/26 13:08	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			03/06/26 13:08	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Dibromomethane	ND		1.0	0.40	ug/L			03/06/26 13:08	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			03/06/26 13:08	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			03/06/26 13:08	1
Isopropylbenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			03/06/26 13:08	1
Methylene Chloride	ND		2.5	1.0	ug/L			03/06/26 13:08	1
n-Butylbenzene	ND		3.0	0.20	ug/L			03/06/26 13:08	1
N-Propylbenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Naphthalene	ND		2.0	1.0	ug/L			03/06/26 13:08	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Styrene	ND		1.0	0.25	ug/L			03/06/26 13:08	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			03/06/26 13:08	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Toluene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			03/06/26 13:08	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			03/06/26 13:08	1
Vinyl chloride	ND		1.0	0.30	ug/L			03/06/26 13:08	1
Xylenes, Total	ND		1.5	0.20	ug/L			03/06/26 13:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*03/06/26 13:08*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/06/26 13:08*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*03/06/26 13:08*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*03/06/26 13:08*	*1*

Lab Sample ID: LCS 885-44462/4
Matrix: Water
Analysis Batch: 44462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	15.9		ug/L		79	70 - 130
Benzene	20.0	18.6		ug/L		93	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 885-44462/4
Matrix: Water
Analysis Batch: 44462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	20.0	18.7		ug/L		93	70 - 130
Toluene	20.0	18.6		ug/L		93	70 - 130
Trichloroethene (TCE)	20.0	17.6		ug/L		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-44148/3-A
Matrix: Water
Analysis Batch: 44156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44148

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		03/02/26 12:39	03/02/26 17:36	1

Lab Sample ID: LCS 885-44148/4-A
Matrix: Water
Analysis Batch: 44156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44148

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.100	0.0709		ug/L		71	70 - 130

Lab Sample ID: LCSD 885-44148/5-A
Matrix: Water
Analysis Batch: 44156

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 44148

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.100	0.0786		ug/L		79	70 - 130	10	20

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-44108/1-A
Matrix: Water
Analysis Batch: 44112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44108

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.70	mg/L		03/02/26 08:29	03/02/26 10:52	1
Motor Oil Range Organics [C28-C40]	ND		5.0	1.7	mg/L		03/02/26 08:29	03/02/26 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*46 - 159*	*03/02/26 08:29*	*03/02/26 10:52*	*1*

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-44108/2-A
Matrix: Water
Analysis Batch: 44112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44108

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	2.50	2.46		mg/L		98	57 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*102*		*46 - 159*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-43932/4
Matrix: Water
Analysis Batch: 43932

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			02/26/26 11:28	1
Sulfate	ND		0.50	0.39	mg/L			02/26/26 11:28	1

Lab Sample ID: LCS 885-43932/5
Matrix: Water
Analysis Batch: 43932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.02		mg/L		100	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: MRL 885-43932/3
Matrix: Water
Analysis Batch: 43932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.515		mg/L		103	50 - 150
Sulfate	0.500	0.507		mg/L		101	50 - 150

Lab Sample ID: MB 885-43933/4
Matrix: Water
Analysis Batch: 43933

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.020	mg/L			02/26/26 11:28	1

Lab Sample ID: LCS 885-43933/5
Matrix: Water
Analysis Batch: 43933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.50		mg/L		100	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-43933/3
Matrix: Water
Analysis Batch: 43933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.100	0.102		mg/L		102	50 - 150		

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-44244/1
Matrix: Water
Analysis Batch: 44244

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	25	mg/L			03/03/26 16:55	1

Lab Sample ID: LCS 885-44244/2
Matrix: Water
Analysis Batch: 44244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1040		mg/L		104	80 - 120		

GC/MS VOA

Analysis Batch: 44131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	8015D	
885-44131-2	FY Raw	Total/NA	Water	8015D	
MB 885-44131/5	Method Blank	Total/NA	Water	8015D	
LCS 885-44131/4	Lab Control Sample	Total/NA	Water	8015D	

Analysis Batch: 44168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	8260B	
885-44131-2	FY Raw	Total/NA	Water	8260B	
MB 885-44168/5	Method Blank	Total/NA	Water	8260B	
LCS 885-44168/3	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 44462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-2	FY Raw	Total/NA	Water	8260B	
MB 885-44462/5	Method Blank	Total/NA	Water	8260B	
LCS 885-44462/4	Lab Control Sample	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 44108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	3511	
885-44131-2	FY Raw	Total/NA	Water	3511	
MB 885-44108/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-44108/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 44112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	8015M/D	44108
885-44131-2	FY Raw	Total/NA	Water	8015M/D	44108
MB 885-44108/1-A	Method Blank	Total/NA	Water	8015M/D	44108
LCS 885-44108/2-A	Lab Control Sample	Total/NA	Water	8015M/D	44108

Prep Batch: 44148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	8011	
885-44131-2	FY Raw	Total/NA	Water	8011	
MB 885-44148/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-44148/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-44148/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 44156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-44148/3-A	Method Blank	Total/NA	Water	8011	44148
LCS 885-44148/4-A	Lab Control Sample	Total/NA	Water	8011	44148
LCSD 885-44148/5-A	Lab Control Sample Dup	Total/NA	Water	8011	44148

Analysis Batch: 44192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	8011	44148

GC Semi VOA (Continued)

Analysis Batch: 44192 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-2	FY Raw	Total/NA	Water	8011	44148

HPLC/IC

Analysis Batch: 43932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	300.0	
885-44131-1	FY Treated Eff	Total/NA	Water	300.0	
885-44131-2	FY Raw	Total/NA	Water	300.0	
885-44131-2	FY Raw	Total/NA	Water	300.0	
MB 885-43932/4	Method Blank	Total/NA	Water	300.0	
LCS 885-43932/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-43932/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 43933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	300.0	
885-44131-2	FY Raw	Total/NA	Water	300.0	
MB 885-43933/4	Method Blank	Total/NA	Water	300.0	
LCS 885-43933/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-43933/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 44244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44131-1	FY Treated Eff	Total/NA	Water	2540C	
885-44131-2	FY Raw	Total/NA	Water	2540C	
MB 885-44244/1	Method Blank	Total/NA	Water	2540C	
LCS 885-44244/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station State Lead Site

Job ID: 885-44131-1

Client Sample ID: FY Treated Eff

Lab Sample ID: 885-44131-1

Date Collected: 02/24/26 13:39
Matrix: Water
Date Received: 02/26/26 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015D		1	44131	CM	EET ALB	03/02/26 22:54
Total/NA	Analysis	8260B		1	44168	CM	EET ALB	03/02/26 22:54
Total/NA	Prep	8011			44148	DH	EET ALB	03/02/26 12:41
Total/NA	Analysis	8011		10	44192	DB	EET ALB	03/03/26 12:51
Total/NA	Prep	3511			44108	DR	EET ALB	03/02/26 08:29
Total/NA	Analysis	8015M/D		1	44112	BV	EET ALB	03/02/26 11:16
Total/NA	Analysis	300.0		1	43932	EH	EET ALB	02/26/26 11:56
Total/NA	Analysis	300.0		1	43933	EH	EET ALB	02/26/26 11:56
Total/NA	Analysis	300.0		20	43932	EH	EET ALB	02/26/26 12:10
Total/NA	Analysis	2540C		1	44244	KS	EET ALB	03/03/26 16:55

Client Sample ID: FY Raw

Lab Sample ID: 885-44131-2

Date Collected: 02/24/26 13:26
Matrix: Water
Date Received: 02/26/26 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015D		1	44131	CM	EET ALB	03/02/26 23:18
Total/NA	Analysis	8260B		1	44168	CM	EET ALB	03/02/26 23:18
Total/NA	Analysis	8260B		2	44462	CM	EET ALB	03/06/26 17:35
Total/NA	Prep	8011			44148	DH	EET ALB	03/02/26 12:41
Total/NA	Analysis	8011		100	44192	DB	EET ALB	03/03/26 13:06
Total/NA	Prep	3511			44108	DR	EET ALB	03/02/26 08:29
Total/NA	Analysis	8015M/D		1	44112	BV	EET ALB	03/02/26 11:28
Total/NA	Analysis	300.0		1	43932	EH	EET ALB	02/26/26 12:24
Total/NA	Analysis	300.0		1	43933	EH	EET ALB	02/26/26 12:24
Total/NA	Analysis	300.0		20	43932	EH	EET ALB	02/26/26 12:39
Total/NA	Analysis	2540C		1	44244	KS	EET ALB	03/03/26 16:55

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-44131-1
Project/Site: Former Y Station State Lead Site

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26 *

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate as N
300.0		Water	Sulfate
8011	8011	Water	1,2-Dibromoethane (EDB)
8015D		Water	Gasoline Range Organics [C6 - C10]
8015M/D	3511	Water	Diesel Range Organics [C10-C28]
8015M/D	3511	Water	Motor Oil Range Organics [C28-C40]
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-44131-1
Project/Site: Former Y Station State Lead Site

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D		Water	Gasoline Range Organics [C6 - C10]

Chain-of-Custody Record

Client.

Daniel B Stephens & Associates

Mailing Address. **6501 Americas Parkway, STE 200**

Albuquerque, NM 87110

Phone #: **505-822-9400**

email or Fax# **gherrmann@geo-logic.com**

QA/QC Package

■ Standard ■ Level 4 (Full Validation)

Accreditation ■ Az Compliance

■ NELAC ■ Other_____

■ EDD (Type) _____

Turn-Around Time.

■ Standard ■ Rush_____

Project Name

Former Y Station State Lead Site

Project #.

DB18.1157

Project Manager.

Grace Herrmann

Sampler:

On Ice: ■ Yes ■ No

# of Coolers: 1 Abby

Cooler Temp(including CF): 0.6 +0.3=0.9°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel 505-345-3975 Fax 505-345-4107

885-44131 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	VOCs - EPA method 8260B	EDB - EPA method 504.1	TPH GRO/DRO - EPA method 8015B	Sulfate/Chloride - EPA method 300 0	Nitrate (as N) - EPA method 300 0	TDS - SM2540C	VOCs - EPA method 8021B	TPH GRO - EPA method 8015B							
2/24	13:39	H_2O	FY Treated Eff	7-40ml 2-plastic, 1-Amber	HCl, ThiO, H_2SO_4		X	X	X	X	X	X									
2/24	13:26	H_2O	FY Raw	7-40ml 2-plastic, 1-Amber	HCl, ThiO, H_2SO_4		X	X	X	X	X	X									

Date	Time	Relinquished by	Received by	Via	Date	Time
2/26	8:20			CPO	2/26/24	8:20
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical repo

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc.

Job Number: 885-44131-1

Login Number: 44131

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

Generated 2/6/2026 1:39:20 PM

JOB DESCRIPTION

Former Y

JOB NUMBER

885-41695-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
885-41695-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/20/2026 4:57 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.3°C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 885-41969 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCV) associated with batch 885-42037 recovered above the upper control limit for 2,2-Dichloropropane and Acetone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: The matrix spike duplicate (MSD) recoveries and precision for analytical batch 885-42037 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control (LCS) precision was within acceptance limits.

Method 8260B: The following sample was diluted due to the nature of the sample matrix: MW-13 (885-41695-7). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA
Method 8011: The following samples were diluted due to abundance of target analytes: BW-5 (885-41695-4), MW-15 (885-41695-6) and RW-4 (885-41695-8). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

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

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-17
Lab Sample ID: 885-41695-1
Date Collected: 01/20/26 08:21
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/26/26 20:12	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/26/26 20:12	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/26/26 20:12	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/26/26 20:12	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/26/26 20:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/26/26 20:12	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/26/26 20:12	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/26/26 20:12	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 20:12	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/26/26 20:12	1
2-Butanone	ND		10	2.0	ug/L			01/26/26 20:12	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
2-Hexanone	ND		10	2.0	ug/L			01/26/26 20:12	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 20:12	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/26/26 20:12	1
Acetone	ND		10	8.5	ug/L			01/26/26 20:12	1
Benzene	ND		1.0	0.15	ug/L			01/26/26 20:12	1
Bromobenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Bromoform	ND		1.0	0.40	ug/L			01/26/26 20:12	1
Bromomethane	ND		3.0	2.0	ug/L			01/26/26 20:12	1
Carbon disulfide	ND		10	1.0	ug/L			01/26/26 20:12	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/26/26 20:12	1
Chloroethane	ND		2.0	0.40	ug/L			01/26/26 20:12	1
Chloroform	ND		1.0	0.25	ug/L			01/26/26 20:12	1
Chloromethane	ND		3.0	1.0	ug/L			01/26/26 20:12	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/26/26 20:12	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Dibromomethane	ND		1.0	0.40	ug/L			01/26/26 20:12	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/26/26 20:12	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/26/26 20:12	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-17
Lab Sample ID: 885-41695-1
Date Collected: 01/20/26 08:21
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/26/26 20:12	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/26/26 20:12	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/26/26 20:12	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Naphthalene	ND		2.0	1.0	ug/L			01/26/26 20:12	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Styrene	ND		1.0	0.25	ug/L			01/26/26 20:12	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/26/26 20:12	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Toluene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/26/26 20:12	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/26/26 20:12	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/26/26 20:12	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/26/26 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*01/26/26 20:12*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/26/26 20:12*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/26/26 20:12*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*01/26/26 20:12*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0093	0.0074	ug/L		01/23/26 09:17	02/03/26 16:55	1

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-41695-1

Client Sample ID: BW-4
Date Collected: 01/20/26 08:38
Date Received: 01/20/26 16:57

Lab Sample ID: 885-41695-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/26/26 21:36	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/26/26 21:36	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/26/26 21:36	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/26/26 21:36	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/26/26 21:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/26/26 21:36	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/26/26 21:36	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/26/26 21:36	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 21:36	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/26/26 21:36	1
2-Butanone	ND		10	2.0	ug/L			01/26/26 21:36	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
2-Hexanone	ND		10	2.0	ug/L			01/26/26 21:36	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 21:36	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/26/26 21:36	1
Acetone	ND		10	8.5	ug/L			01/26/26 21:36	1
Benzene	ND		1.0	0.15	ug/L			01/26/26 21:36	1
Bromobenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Bromoform	ND		1.0	0.40	ug/L			01/26/26 21:36	1
Bromomethane	ND		3.0	2.0	ug/L			01/26/26 21:36	1
Carbon disulfide	ND		10	1.0	ug/L			01/26/26 21:36	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/26/26 21:36	1
Chloroethane	ND		2.0	0.40	ug/L			01/26/26 21:36	1
Chloroform	ND		1.0	0.25	ug/L			01/26/26 21:36	1
Chloromethane	ND		3.0	1.0	ug/L			01/26/26 21:36	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/26/26 21:36	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Dibromomethane	ND		1.0	0.40	ug/L			01/26/26 21:36	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/26/26 21:36	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/26/26 21:36	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: BW-4 **Lab Sample ID: 885-41695-2**
Date Collected: 01/20/26 08:38 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/26/26 21:36	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/26/26 21:36	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/26/26 21:36	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Naphthalene	ND		2.0	1.0	ug/L			01/26/26 21:36	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Styrene	ND		1.0	0.25	ug/L			01/26/26 21:36	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/26/26 21:36	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Toluene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/26/26 21:36	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/26/26 21:36	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/26/26 21:36	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/26/26 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*01/26/26 21:36*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/26/26 21:36*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*01/26/26 21:36*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*01/26/26 21:36*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0093	0.0074	ug/L		01/23/26 09:17	02/03/26 17:09	1

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-41695-1

Client Sample ID: BW-8
Date Collected: 01/20/26 08:56
Date Received: 01/20/26 16:57

Lab Sample ID: 885-41695-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L			01/26/26 22:31	2
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,1,2,2-Tetrachloroethane	ND		4.0	0.82	ug/L			01/26/26 22:31	2
1,1,2-Trichloroethane	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,1-Dichloroethane	ND		2.0	0.50	ug/L			01/26/26 22:31	2
1,1-Dichloroethene	ND		2.0	0.50	ug/L			01/26/26 22:31	2
1,1-Dichloropropene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,2,3-Trichloropropane	ND		4.0	0.40	ug/L			01/26/26 22:31	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			01/26/26 22:31	2
1,2,4-Trimethylbenzene	**130**		2.0	0.40	ug/L			01/26/26 22:31	2
1,2-Dibromo-3-Chloropropane	ND		4.0	1.5	ug/L			01/26/26 22:31	2
1,2-Dibromoethane (EDB)	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,2-Dichlorobenzene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,2-Dichloroethane (EDC)	**2.6**		2.0	0.50	ug/L			01/26/26 22:31	2
1,2-Dichloropropane	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,3,5-Trimethylbenzene	**24**		2.0	0.40	ug/L			01/26/26 22:31	2
1,3-Dichlorobenzene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,3-Dichloropropane	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1,4-Dichlorobenzene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
1-Methylnaphthalene	**38**		8.0	3.0	ug/L			01/26/26 22:31	2
2,2-Dichloropropane	ND		4.0	0.50	ug/L			01/26/26 22:31	2
2-Butanone	ND		20	4.0	ug/L			01/26/26 22:31	2
2-Chlorotoluene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
2-Hexanone	**21**		20	4.0	ug/L			01/26/26 22:31	2
2-Methylnaphthalene	**69**		8.0	3.0	ug/L			01/26/26 22:31	2
4-Chlorotoluene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
4-Isopropyltoluene	**5.5**		2.0	0.40	ug/L			01/26/26 22:31	2
4-Methyl-2-pentanone	**170**		20	4.0	ug/L			01/26/26 22:31	2
Acetone	ND		20	17	ug/L			01/26/26 22:31	2
Benzene	**220**		20	3.0	ug/L			01/26/26 22:03	20
Bromobenzene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
Bromodichloromethane	ND		2.0	0.40	ug/L			01/26/26 22:31	2
Dibromochloromethane	ND		2.0	0.40	ug/L			01/26/26 22:31	2
Bromoform	ND		2.0	0.80	ug/L			01/26/26 22:31	2
Bromomethane	ND		6.0	4.0	ug/L			01/26/26 22:31	2
Carbon disulfide	ND		20	2.0	ug/L			01/26/26 22:31	2
Carbon tetrachloride	ND		2.0	0.40	ug/L			01/26/26 22:31	2
Chlorobenzene	ND		2.0	1.0	ug/L			01/26/26 22:31	2
Chloroethane	ND		4.0	0.80	ug/L			01/26/26 22:31	2
Chloroform	ND		2.0	0.50	ug/L			01/26/26 22:31	2
Chloromethane	ND		6.0	2.0	ug/L			01/26/26 22:31	2
cis-1,2-Dichloroethene	ND		2.0	0.80	ug/L			01/26/26 22:31	2
cis-1,3-Dichloropropene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
Dibromomethane	ND		2.0	0.80	ug/L			01/26/26 22:31	2
Dichlorodifluoromethane	ND		2.0	2.0	ug/L			01/26/26 22:31	2
Ethylbenzene	**99**		2.0	0.40	ug/L			01/26/26 22:31	2
Hexachlorobutadiene	ND		2.0	0.80	ug/L			01/26/26 22:31	2
Isopropylbenzene	**9.1**		2.0	0.40	ug/L			01/26/26 22:31	2

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: BW-8 **Lab Sample ID: 885-41695-3**
Date Collected: 01/20/26 08:56 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		2.0	0.80	ug/L			01/26/26 22:31	2
Methylene Chloride	ND		5.0	2.0	ug/L			01/26/26 22:31	2
n-Butylbenzene	**3.5**	**J**	6.0	0.40	ug/L			01/26/26 22:31	2
N-Propylbenzene	**17**		2.0	0.40	ug/L			01/26/26 22:31	2
Naphthalene	**210**		40	20	ug/L			01/26/26 22:03	20
sec-Butylbenzene	**1.7**	**J**	2.0	0.40	ug/L			01/26/26 22:31	2
Styrene	ND		2.0	0.50	ug/L			01/26/26 22:31	2
tert-Butylbenzene	ND		2.0	0.80	ug/L			01/26/26 22:31	2
Tetrachloroethene (PCE)	ND		2.0	0.40	ug/L			01/26/26 22:31	2
Toluene	**76**		2.0	0.40	ug/L			01/26/26 22:31	2
trans-1,2-Dichloroethene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
trans-1,3-Dichloropropene	ND		2.0	0.40	ug/L			01/26/26 22:31	2
Trichloroethene (TCE)	ND		2.0	0.60	ug/L			01/26/26 22:31	2
Trichlorofluoromethane	ND		2.0	0.40	ug/L			01/26/26 22:31	2
Vinyl chloride	ND		2.0	0.60	ug/L			01/26/26 22:31	2
Xylenes, Total	**290**		3.0	0.40	ug/L			01/26/26 22:31	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*01/26/26 22:03*	*20*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*01/26/26 22:31*	*2*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/26/26 22:03*	*20*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/26/26 22:31*	*2*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*01/26/26 22:03*	*20*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*		*01/26/26 22:31*	*2*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*01/26/26 22:03*	*20*
Dibromofluoromethane (Surr)	*119*		*70 - 130*		*01/26/26 22:31*	*2*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.021**		0.0094	0.0075	ug/L		01/23/26 09:17	02/05/26 15:25	1

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-41695-1

Client Sample ID: BW-5
Date Collected: 01/20/26 09:54
Date Received: 01/20/26 16:57

Lab Sample ID: 885-41695-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/26/26 22:59	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/26/26 22:59	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/26/26 22:59	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/26/26 22:59	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/26/26 22:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/26/26 22:59	1
1,2,4-Trimethylbenzene	**0.61**	**J**	1.0	0.20	ug/L			01/26/26 22:59	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/26/26 22:59	1
1,2-Dibromoethane (EDB)	**3.0**		1.0	0.20	ug/L			01/26/26 22:59	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1,2-Dichloroethane (EDC)	**80**		1.0	0.25	ug/L			01/26/26 22:59	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1,3,5-Trimethylbenzene	**0.64**	**J**	1.0	0.20	ug/L			01/26/26 22:59	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 22:59	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/26/26 22:59	1
2-Butanone	ND		10	2.0	ug/L			01/26/26 22:59	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
2-Hexanone	ND		10	2.0	ug/L			01/26/26 22:59	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 22:59	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/26/26 22:59	1
Acetone	ND		10	8.5	ug/L			01/26/26 22:59	1
Benzene	**1.3**		1.0	0.15	ug/L			01/26/26 22:59	1
Bromobenzene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Bromoform	ND		1.0	0.40	ug/L			01/26/26 22:59	1
Bromomethane	ND		3.0	2.0	ug/L			01/26/26 22:59	1
Carbon disulfide	ND		10	1.0	ug/L			01/26/26 22:59	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/26/26 22:59	1
Chloroethane	ND		2.0	0.40	ug/L			01/26/26 22:59	1
Chloroform	ND		1.0	0.25	ug/L			01/26/26 22:59	1
Chloromethane	ND		3.0	1.0	ug/L			01/26/26 22:59	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/26/26 22:59	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Dibromomethane	ND		1.0	0.40	ug/L			01/26/26 22:59	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/26/26 22:59	1
Ethylbenzene	**0.25**	**J**	1.0	0.20	ug/L			01/26/26 22:59	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/26/26 22:59	1
Isopropylbenzene	**0.99**	**J**	1.0	0.20	ug/L			01/26/26 22:59	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: BW-5 **Lab Sample ID: 885-41695-4**
Date Collected: 01/20/26 09:54 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	**2.6**		1.0	0.40	ug/L			01/26/26 22:59	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/26/26 22:59	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/26/26 22:59	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Naphthalene	ND		2.0	1.0	ug/L			01/26/26 22:59	1
sec-Butylbenzene	**0.52**	**J**	1.0	0.20	ug/L			01/26/26 22:59	1
Styrene	ND		1.0	0.25	ug/L			01/26/26 22:59	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/26/26 22:59	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Toluene	**2.0**		1.0	0.20	ug/L			01/26/26 22:59	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/26/26 22:59	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/26/26 22:59	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/26/26 22:59	1
Xylenes, Total	**9.1**		1.5	0.20	ug/L			01/26/26 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*01/26/26 22:59*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/26/26 22:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/26/26 22:59*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*01/26/26 22:59*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**2.6**		0.48	0.38	ug/L		01/23/26 09:17	02/06/26 10:38	50

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-14
Lab Sample ID: 885-41695-5
Date Collected: 01/20/26 10:22
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/27/26 16:08	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/27/26 16:08	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/27/26 16:08	1
1,1-Dichloroethene	ND	F2 F1	1.0	0.25	ug/L			01/27/26 16:08	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/27/26 16:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/27/26 16:08	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/27/26 16:08	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/27/26 16:08	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 16:08	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/27/26 16:08	1
2-Butanone	ND		10	2.0	ug/L			01/27/26 16:08	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
2-Hexanone	ND		10	2.0	ug/L			01/27/26 16:08	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 16:08	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/27/26 16:08	1
Acetone	ND		10	8.5	ug/L			01/27/26 16:08	1
Benzene	ND	F2	1.0	0.15	ug/L			01/27/26 16:08	1
Bromobenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Bromoform	ND		1.0	0.40	ug/L			01/27/26 16:08	1
Bromomethane	ND		3.0	2.0	ug/L			01/27/26 16:08	1
Carbon disulfide	ND		10	1.0	ug/L			01/27/26 16:08	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Chlorobenzene	ND	F2	1.0	0.50	ug/L			01/27/26 16:08	1
Chloroethane	ND		2.0	0.40	ug/L			01/27/26 16:08	1
Chloroform	ND		1.0	0.25	ug/L			01/27/26 16:08	1
Chloromethane	ND		3.0	1.0	ug/L			01/27/26 16:08	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/27/26 16:08	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Dibromomethane	ND		1.0	0.40	ug/L			01/27/26 16:08	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/27/26 16:08	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/27/26 16:08	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-14 **Lab Sample ID: 885-41695-5**
Date Collected: 01/20/26 10:22 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/27/26 16:08	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/27/26 16:08	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/27/26 16:08	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Naphthalene	ND		2.0	1.0	ug/L			01/27/26 16:08	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Styrene	ND		1.0	0.25	ug/L			01/27/26 16:08	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/27/26 16:08	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Toluene	ND	F2	1.0	0.20	ug/L			01/27/26 16:08	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Trichloroethene (TCE)	ND	F2 F1	1.0	0.30	ug/L			01/27/26 16:08	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/27/26 16:08	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/27/26 16:08	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/27/26 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*01/27/26 16:08*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/27/26 16:08*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/27/26 16:08*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*01/27/26 16:08*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0095	0.0076	ug/L		01/23/26 09:17	02/05/26 15:39	1

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-41695-1

Client Sample ID: MW-15
Date Collected: 01/20/26 10:36
Date Received: 01/20/26 16:57

Lab Sample ID: 885-41695-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/27/26 18:01	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/27/26 18:01	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/27/26 18:01	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/27/26 18:01	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/27/26 18:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/27/26 18:01	1
1,2,4-Trimethylbenzene	**6.5**		1.0	0.20	ug/L			01/27/26 18:01	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/27/26 18:01	1
1,2-Dibromoethane (EDB)	**0.93**	**J**	1.0	0.20	ug/L			01/27/26 18:01	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1,2-Dichloroethane (EDC)	**21**		1.0	0.25	ug/L			01/27/26 18:01	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1,3,5-Trimethylbenzene	**1.9**		1.0	0.20	ug/L			01/27/26 18:01	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 18:01	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/27/26 18:01	1
2-Butanone	ND		10	2.0	ug/L			01/27/26 18:01	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
2-Hexanone	ND		10	2.0	ug/L			01/27/26 18:01	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 18:01	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
4-Isopropyltoluene	**0.23**	**J**	1.0	0.20	ug/L			01/27/26 18:01	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/27/26 18:01	1
Acetone	ND		10	8.5	ug/L			01/27/26 18:01	1
Benzene	**640**		10	1.5	ug/L			01/27/26 17:33	10
Bromobenzene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Bromoform	ND		1.0	0.40	ug/L			01/27/26 18:01	1
Bromomethane	ND		3.0	2.0	ug/L			01/27/26 18:01	1
Carbon disulfide	ND		10	1.0	ug/L			01/27/26 18:01	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/27/26 18:01	1
Chloroethane	ND		2.0	0.40	ug/L			01/27/26 18:01	1
Chloroform	ND		1.0	0.25	ug/L			01/27/26 18:01	1
Chloromethane	ND		3.0	1.0	ug/L			01/27/26 18:01	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/27/26 18:01	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Dibromomethane	ND		1.0	0.40	ug/L			01/27/26 18:01	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/27/26 18:01	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/27/26 18:01	1
Isopropylbenzene	**2.2**		1.0	0.20	ug/L			01/27/26 18:01	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-15 **Lab Sample ID: 885-41695-6**
Date Collected: 01/20/26 10:36 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/27/26 18:01	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/27/26 18:01	1
n-Butylbenzene	**0.38**	**J**	3.0	0.20	ug/L			01/27/26 18:01	1
N-Propylbenzene	**0.37**	**J**	1.0	0.20	ug/L			01/27/26 18:01	1
Naphthalene	ND		2.0	1.0	ug/L			01/27/26 18:01	1
sec-Butylbenzene	**0.29**	**J**	1.0	0.20	ug/L			01/27/26 18:01	1
Styrene	ND		1.0	0.25	ug/L			01/27/26 18:01	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/27/26 18:01	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Toluene	**0.67**	**J**	1.0	0.20	ug/L			01/27/26 18:01	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/27/26 18:01	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/27/26 18:01	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/27/26 18:01	1
Xylenes, Total	**30**		1.5	0.20	ug/L			01/27/26 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*01/27/26 17:33*	*10*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*01/27/26 18:01*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/27/26 17:33*	*10*
Toluene-d8 (Surr)	*102*		*70 - 130*		*01/27/26 18:01*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/27/26 17:33*	*10*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/27/26 18:01*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*01/27/26 17:33*	*10*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*01/27/26 18:01*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.57**		0.094	0.075	ug/L		01/23/26 09:17	02/06/26 10:53	10

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-13
Lab Sample ID: 885-41695-7
Date Collected: 01/20/26 11:08
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L			01/27/26 18:30	2
1,1,1-Trichloroethane	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,1,2,2-Tetrachloroethane	ND		4.0	0.82	ug/L			01/27/26 18:30	2
1,1,2-Trichloroethane	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,1-Dichloroethane	ND		2.0	0.50	ug/L			01/27/26 18:30	2
1,1-Dichloroethene	ND		2.0	0.50	ug/L			01/27/26 18:30	2
1,1-Dichloropropene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,2,3-Trichloropropane	ND		4.0	0.40	ug/L			01/27/26 18:30	2
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L			01/27/26 18:30	2
1,2,4-Trimethylbenzene	**0.49**	**J**	2.0	0.40	ug/L			01/27/26 18:30	2
1,2-Dibromo-3-Chloropropane	ND		4.0	1.5	ug/L			01/27/26 18:30	2
1,2-Dibromoethane (EDB)	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,2-Dichlorobenzene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,2-Dichloroethane (EDC)	ND		2.0	0.50	ug/L			01/27/26 18:30	2
1,2-Dichloropropane	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,3,5-Trimethylbenzene	**0.53**	**J**	2.0	0.40	ug/L			01/27/26 18:30	2
1,3-Dichlorobenzene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,3-Dichloropropane	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1,4-Dichlorobenzene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
1-Methylnaphthalene	ND		8.0	3.0	ug/L			01/27/26 18:30	2
2,2-Dichloropropane	ND		4.0	0.50	ug/L			01/27/26 18:30	2
2-Butanone	**4.0**	**J**	20	4.0	ug/L			01/27/26 18:30	2
2-Chlorotoluene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
2-Hexanone	ND		20	4.0	ug/L			01/27/26 18:30	2
2-Methylnaphthalene	ND		8.0	3.0	ug/L			01/27/26 18:30	2
4-Chlorotoluene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
4-Isopropyltoluene	**0.89**	**J**	2.0	0.40	ug/L			01/27/26 18:30	2
4-Methyl-2-pentanone	ND		20	4.0	ug/L			01/27/26 18:30	2
Acetone	ND		20	17	ug/L			01/27/26 18:30	2
Benzene	**1.3**	**J**	2.0	0.30	ug/L			01/27/26 18:30	2
Bromobenzene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Bromodichloromethane	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Dibromochloromethane	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Bromoform	ND		2.0	0.80	ug/L			01/27/26 18:30	2
Bromomethane	ND		6.0	4.0	ug/L			01/27/26 18:30	2
Carbon disulfide	ND		20	2.0	ug/L			01/27/26 18:30	2
Carbon tetrachloride	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Chlorobenzene	ND		2.0	1.0	ug/L			01/27/26 18:30	2
Chloroethane	**1.7**	**J**	4.0	0.80	ug/L			01/27/26 18:30	2
Chloroform	ND		2.0	0.50	ug/L			01/27/26 18:30	2
Chloromethane	ND		6.0	2.0	ug/L			01/27/26 18:30	2
cis-1,2-Dichloroethene	ND		2.0	0.80	ug/L			01/27/26 18:30	2
cis-1,3-Dichloropropene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Dibromomethane	ND		2.0	0.80	ug/L			01/27/26 18:30	2
Dichlorodifluoromethane	ND		2.0	2.0	ug/L			01/27/26 18:30	2
Ethylbenzene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Hexachlorobutadiene	ND		2.0	0.80	ug/L			01/27/26 18:30	2
Isopropylbenzene	**0.75**	**J**	2.0	0.40	ug/L			01/27/26 18:30	2

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-13 **Lab Sample ID: 885-41695-7**
Date Collected: 01/20/26 11:08 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		2.0	0.80	ug/L			01/27/26 18:30	2
Methylene Chloride	ND		5.0	2.0	ug/L			01/27/26 18:30	2
n-Butylbenzene	ND		6.0	0.40	ug/L			01/27/26 18:30	2
N-Propylbenzene	**0.61**	**J**	2.0	0.40	ug/L			01/27/26 18:30	2
Naphthalene	ND		4.0	2.0	ug/L			01/27/26 18:30	2
sec-Butylbenzene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Styrene	ND		2.0	0.50	ug/L			01/27/26 18:30	2
tert-Butylbenzene	ND		2.0	0.80	ug/L			01/27/26 18:30	2
Tetrachloroethene (PCE)	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Toluene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
trans-1,2-Dichloroethene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
trans-1,3-Dichloropropene	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Trichloroethene (TCE)	ND		2.0	0.60	ug/L			01/27/26 18:30	2
Trichlorofluoromethane	ND		2.0	0.40	ug/L			01/27/26 18:30	2
Vinyl chloride	ND		2.0	0.60	ug/L			01/27/26 18:30	2
Xylenes, Total	**0.97**	**J**	3.0	0.40	ug/L			01/27/26 18:30	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*01/27/26 18:30*	*2*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/27/26 18:30*	*2*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/27/26 18:30*	*2*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*01/27/26 18:30*	*2*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0093	0.0074	ug/L		01/23/26 09:17	02/05/26 16:08	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: RW-4
Lab Sample ID: 885-41695-8
Date Collected: 01/20/26 11:21
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		20	5.0	ug/L			01/27/26 18:58	20
1,1,1-Trichloroethane	ND		20	4.0	ug/L			01/27/26 18:58	20
1,1,2,2-Tetrachloroethane	ND		40	8.2	ug/L			01/27/26 18:58	20
1,1,2-Trichloroethane	ND		20	4.0	ug/L			01/27/26 18:58	20
1,1-Dichloroethane	ND		20	5.0	ug/L			01/27/26 18:58	20
1,1-Dichloroethene	ND		20	5.0	ug/L			01/27/26 18:58	20
1,1-Dichloropropene	ND		20	4.0	ug/L			01/27/26 18:58	20
1,2,3-Trichlorobenzene	ND		20	4.0	ug/L			01/27/26 18:58	20
1,2,3-Trichloropropane	ND		40	4.0	ug/L			01/27/26 18:58	20
1,2,4-Trichlorobenzene	ND		20	5.0	ug/L			01/27/26 18:58	20
1,2,4-Trimethylbenzene	**66**		20	4.0	ug/L			01/27/26 18:58	20
1,2-Dibromo-3-Chloropropane	ND		40	15	ug/L			01/27/26 18:58	20
1,2-Dibromoethane (EDB)	**17**	**J**	20	4.0	ug/L			01/27/26 18:58	20
1,2-Dichlorobenzene	ND		20	4.0	ug/L			01/27/26 18:58	20
1,2-Dichloroethane (EDC)	**85**		20	5.0	ug/L			01/27/26 18:58	20
1,2-Dichloropropane	ND		20	4.0	ug/L			01/27/26 18:58	20
1,3,5-Trimethylbenzene	**45**		20	4.0	ug/L			01/27/26 18:58	20
1,3-Dichlorobenzene	ND		20	4.0	ug/L			01/27/26 18:58	20
1,3-Dichloropropane	ND		20	4.0	ug/L			01/27/26 18:58	20
1,4-Dichlorobenzene	ND		20	4.0	ug/L			01/27/26 18:58	20
1-Methylnaphthalene	ND		80	30	ug/L			01/27/26 18:58	20
2,2-Dichloropropane	ND		40	5.0	ug/L			01/27/26 18:58	20
2-Butanone	**120**	**J**	200	40	ug/L			01/27/26 18:58	20
2-Chlorotoluene	ND		20	4.0	ug/L			01/27/26 18:58	20
2-Hexanone	**210**		200	40	ug/L			01/27/26 18:58	20
2-Methylnaphthalene	ND		80	30	ug/L			01/27/26 18:58	20
4-Chlorotoluene	ND		20	4.0	ug/L			01/27/26 18:58	20
4-Isopropyltoluene	ND		20	4.0	ug/L			01/27/26 18:58	20
4-Methyl-2-pentanone	**68**	**J**	200	40	ug/L			01/27/26 18:58	20
Acetone	ND		200	170	ug/L			01/27/26 18:58	20
Benzene	**84**		20	3.0	ug/L			01/27/26 18:58	20
Bromobenzene	ND		20	4.0	ug/L			01/27/26 18:58	20
Bromodichloromethane	ND		20	4.0	ug/L			01/27/26 18:58	20
Dibromochloromethane	ND		20	4.0	ug/L			01/27/26 18:58	20
Bromoform	ND		20	8.0	ug/L			01/27/26 18:58	20
Bromomethane	ND		60	40	ug/L			01/27/26 18:58	20
Carbon disulfide	ND		200	20	ug/L			01/27/26 18:58	20
Carbon tetrachloride	ND		20	4.0	ug/L			01/27/26 18:58	20
Chlorobenzene	ND		20	10	ug/L			01/27/26 18:58	20
Chloroethane	ND		40	8.0	ug/L			01/27/26 18:58	20
Chloroform	ND		20	5.0	ug/L			01/27/26 18:58	20
Chloromethane	ND		60	20	ug/L			01/27/26 18:58	20
cis-1,2-Dichloroethene	ND		20	8.0	ug/L			01/27/26 18:58	20
cis-1,3-Dichloropropene	ND		20	4.0	ug/L			01/27/26 18:58	20
Dibromomethane	ND		20	8.0	ug/L			01/27/26 18:58	20
Dichlorodifluoromethane	ND		20	20	ug/L			01/27/26 18:58	20
Ethylbenzene	**10**	**J**	20	4.0	ug/L			01/27/26 18:58	20
Hexachlorobutadiene	ND		20	8.0	ug/L			01/27/26 18:58	20
Isopropylbenzene	ND		20	4.0	ug/L			01/27/26 18:58	20

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: RW-4 **Lab Sample ID: 885-41695-8**
Date Collected: 01/20/26 11:21 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		20	8.0	ug/L			01/27/26 18:58	20
Methylene Chloride	ND		50	20	ug/L			01/27/26 18:58	20
n-Butylbenzene	ND		60	4.0	ug/L			01/27/26 18:58	20
N-Propylbenzene	ND		20	4.0	ug/L			01/27/26 18:58	20
Naphthalene	ND		40	20	ug/L			01/27/26 18:58	20
sec-Butylbenzene	ND		20	4.0	ug/L			01/27/26 18:58	20
Styrene	ND		20	5.0	ug/L			01/27/26 18:58	20
tert-Butylbenzene	ND		20	8.0	ug/L			01/27/26 18:58	20
Tetrachloroethene (PCE)	ND		20	4.0	ug/L			01/27/26 18:58	20
Toluene	**56**		20	4.0	ug/L			01/27/26 18:58	20
trans-1,2-Dichloroethene	ND		20	4.0	ug/L			01/27/26 18:58	20
trans-1,3-Dichloropropene	ND		20	4.0	ug/L			01/27/26 18:58	20
Trichloroethene (TCE)	ND		20	6.0	ug/L			01/27/26 18:58	20
Trichlorofluoromethane	ND		20	4.0	ug/L			01/27/26 18:58	20
Vinyl chloride	ND		20	6.0	ug/L			01/27/26 18:58	20
Xylenes, Total	**480**		30	4.0	ug/L			01/27/26 18:58	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*01/27/26 18:58*	*20*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/27/26 18:58*	*20*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*01/27/26 18:58*	*20*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*01/27/26 18:58*	*20*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**20**		2.8	2.2	ug/L		01/23/26 09:17	02/06/26 11:07	300

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-41695-1

Client Sample ID: BW-7R
Date Collected: 01/20/26 11:54
Date Received: 01/20/26 16:57

Lab Sample ID: 885-41695-9
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/27/26 19:26	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/27/26 19:26	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/27/26 19:26	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/27/26 19:26	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/27/26 19:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/27/26 19:26	1
1,2,4-Trimethylbenzene	**0.31**	**J**	1.0	0.20	ug/L			01/27/26 19:26	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/27/26 19:26	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,2-Dichloroethane (EDC)	**67**		1.0	0.25	ug/L			01/27/26 19:26	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 19:26	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/27/26 19:26	1
2-Butanone	ND		10	2.0	ug/L			01/27/26 19:26	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
2-Hexanone	ND		10	2.0	ug/L			01/27/26 19:26	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 19:26	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/27/26 19:26	1
Acetone	ND		10	8.5	ug/L			01/27/26 19:26	1
Benzene	**31**		1.0	0.15	ug/L			01/27/26 19:26	1
Bromobenzene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Bromoform	ND		1.0	0.40	ug/L			01/27/26 19:26	1
Bromomethane	ND		3.0	2.0	ug/L			01/27/26 19:26	1
Carbon disulfide	ND		10	1.0	ug/L			01/27/26 19:26	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/27/26 19:26	1
Chloroethane	ND		2.0	0.40	ug/L			01/27/26 19:26	1
Chloroform	ND		1.0	0.25	ug/L			01/27/26 19:26	1
Chloromethane	ND		3.0	1.0	ug/L			01/27/26 19:26	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/27/26 19:26	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Dibromomethane	ND		1.0	0.40	ug/L			01/27/26 19:26	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/27/26 19:26	1
Ethylbenzene	**0.42**	**J**	1.0	0.20	ug/L			01/27/26 19:26	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/27/26 19:26	1
Isopropylbenzene	**0.22**	**J**	1.0	0.20	ug/L			01/27/26 19:26	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: BW-7R **Lab Sample ID: 885-41695-9**
Date Collected: 01/20/26 11:54 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/27/26 19:26	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/27/26 19:26	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/27/26 19:26	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Naphthalene	ND		2.0	1.0	ug/L			01/27/26 19:26	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Styrene	ND		1.0	0.25	ug/L			01/27/26 19:26	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/27/26 19:26	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Toluene	**0.23**	**J**	1.0	0.20	ug/L			01/27/26 19:26	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/27/26 19:26	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/27/26 19:26	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/27/26 19:26	1
Xylenes, Total	**0.84**	**J**	1.5	0.20	ug/L			01/27/26 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*01/27/26 19:26*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/27/26 19:26*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/27/26 19:26*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*01/27/26 19:26*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0092	0.0074	ug/L		01/23/26 09:17	02/05/26 16:38	1

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-41695-1

Client Sample ID: MW-12
Date Collected: 01/20/26 12:04
Date Received: 01/20/26 16:57

Lab Sample ID: 885-41695-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/27/26 20:22	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/27/26 20:22	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/27/26 20:22	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/27/26 20:22	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/27/26 20:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/27/26 20:22	1
1,2,4-Trimethylbenzene	**160**		10	2.0	ug/L			01/27/26 19:54	10
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/27/26 20:22	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,2-Dichloroethane (EDC)	**4.3**		1.0	0.25	ug/L			01/27/26 20:22	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
1-Methylnaphthalene	**5.9**		4.0	1.5	ug/L			01/27/26 20:22	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/27/26 20:22	1
2-Butanone	ND		10	2.0	ug/L			01/27/26 20:22	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
2-Hexanone	ND		10	2.0	ug/L			01/27/26 20:22	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 20:22	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
4-Isopropyltoluene	**1.4**		1.0	0.20	ug/L			01/27/26 20:22	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/27/26 20:22	1
Acetone	ND		10	8.5	ug/L			01/27/26 20:22	1
Benzene	**80**		1.0	0.15	ug/L			01/27/26 20:22	1
Bromobenzene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/27/26 20:22	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/27/26 20:22	1
Bromoform	ND		1.0	0.40	ug/L			01/27/26 20:22	1
Bromomethane	ND		3.0	2.0	ug/L			01/27/26 20:22	1
Carbon disulfide	ND		10	1.0	ug/L			01/27/26 20:22	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/27/26 20:22	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/27/26 20:22	1
Chloroethane	ND		2.0	0.40	ug/L			01/27/26 20:22	1
Chloroform	ND		1.0	0.25	ug/L			01/27/26 20:22	1
Chloromethane	ND		3.0	1.0	ug/L			01/27/26 20:22	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/27/26 20:22	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
Dibromomethane	ND		1.0	0.40	ug/L			01/27/26 20:22	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/27/26 20:22	1
Ethylbenzene	**0.42**	**J**	1.0	0.20	ug/L			01/27/26 20:22	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/27/26 20:22	1
Isopropylbenzene	**1.1**		1.0	0.20	ug/L			01/27/26 20:22	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-12 **Lab Sample ID: 885-41695-10**
Date Collected: 01/20/26 12:04 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/27/26 20:22	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/27/26 20:22	1
n-Butylbenzene	**0.32**	**J**	3.0	0.20	ug/L			01/27/26 20:22	1
N-Propylbenzene	**0.29**	**J**	1.0	0.20	ug/L			01/27/26 20:22	1
Naphthalene	**2.4**		2.0	1.0	ug/L			01/27/26 20:22	1
sec-Butylbenzene	**0.43**	**J**	1.0	0.20	ug/L			01/27/26 20:22	1
Styrene	ND		1.0	0.25	ug/L			01/27/26 20:22	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/27/26 20:22	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/27/26 20:22	1
Toluene	**0.51**	**J**	1.0	0.20	ug/L			01/27/26 20:22	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 20:22	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/27/26 20:22	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/27/26 20:22	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/27/26 20:22	1
Xylenes, Total	**2.3**		1.5	0.20	ug/L			01/27/26 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*01/27/26 19:54*	*10*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*01/27/26 20:22*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/27/26 19:54*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/27/26 20:22*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/27/26 19:54*	*10*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/27/26 20:22*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*01/27/26 19:54*	*10*
Dibromofluoromethane (Surr)	*118*		*70 - 130*		*01/27/26 20:22*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0093	0.0074	ug/L		01/23/26 09:17	02/05/26 16:52	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: Trip Blank
Lab Sample ID: 885-41695-11
Date Collected: 01/20/26 00:00
Matrix: Water
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/27/26 20:50	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/27/26 20:50	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/27/26 20:50	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/27/26 20:50	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/27/26 20:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/27/26 20:50	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/27/26 20:50	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/27/26 20:50	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 20:50	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/27/26 20:50	1
2-Butanone	ND		10	2.0	ug/L			01/27/26 20:50	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
2-Hexanone	ND		10	2.0	ug/L			01/27/26 20:50	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 20:50	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/27/26 20:50	1
Acetone	ND		10	8.5	ug/L			01/27/26 20:50	1
Benzene	ND		1.0	0.15	ug/L			01/27/26 20:50	1
Bromobenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Bromoform	ND		1.0	0.40	ug/L			01/27/26 20:50	1
Bromomethane	ND		3.0	2.0	ug/L			01/27/26 20:50	1
Carbon disulfide	ND		10	1.0	ug/L			01/27/26 20:50	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/27/26 20:50	1
Chloroethane	ND		2.0	0.40	ug/L			01/27/26 20:50	1
Chloroform	ND		1.0	0.25	ug/L			01/27/26 20:50	1
Chloromethane	ND		3.0	1.0	ug/L			01/27/26 20:50	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/27/26 20:50	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Dibromomethane	ND		1.0	0.40	ug/L			01/27/26 20:50	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/27/26 20:50	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/27/26 20:50	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: Trip Blank **Lab Sample ID: 885-41695-11**
Date Collected: 01/20/26 00:00 **Matrix: Water**
Date Received: 01/20/26 16:57

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/27/26 20:50	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/27/26 20:50	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/27/26 20:50	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Naphthalene	ND		2.0	1.0	ug/L			01/27/26 20:50	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Styrene	ND		1.0	0.25	ug/L			01/27/26 20:50	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/27/26 20:50	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Toluene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/27/26 20:50	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/27/26 20:50	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/27/26 20:50	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/27/26 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*01/27/26 20:50*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/27/26 20:50*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/27/26 20:50*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*01/27/26 20:50*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0094	0.0075	ug/L		01/23/26 09:17	02/05/26 17:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-41969/4
Matrix: Water
Analysis Batch: 41969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/26/26 14:06	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/26/26 14:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/26/26 14:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/26/26 14:06	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 14:06	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/26/26 14:06	1
2-Butanone	ND		10	2.0	ug/L			01/26/26 14:06	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
2-Hexanone	ND		10	2.0	ug/L			01/26/26 14:06	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/26/26 14:06	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/26/26 14:06	1
Acetone	ND		10	8.5	ug/L			01/26/26 14:06	1
Benzene	ND		1.0	0.15	ug/L			01/26/26 14:06	1
Bromobenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Bromoform	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Bromomethane	ND		3.0	2.0	ug/L			01/26/26 14:06	1
Carbon disulfide	ND		10	1.0	ug/L			01/26/26 14:06	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/26/26 14:06	1
Chloroethane	ND		2.0	0.40	ug/L			01/26/26 14:06	1
Chloroform	ND		1.0	0.25	ug/L			01/26/26 14:06	1
Chloromethane	ND		3.0	1.0	ug/L			01/26/26 14:06	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/26/26 14:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Dibromomethane	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/26/26 14:06	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/26/26 14:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-41969/4
Matrix: Water
Analysis Batch: 41969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/26/26 14:06	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/26/26 14:06	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Naphthalene	ND		2.0	1.0	ug/L			01/26/26 14:06	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Styrene	ND		1.0	0.25	ug/L			01/26/26 14:06	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/26/26 14:06	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Toluene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/26/26 14:06	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/26/26 14:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/26/26 14:06	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/26/26 14:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*01/26/26 14:06*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/26/26 14:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/26/26 14:06*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*01/26/26 14:06*	*1*

Lab Sample ID: LCS 885-41969/3
Matrix: Water
Analysis Batch: 41969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	16.5		ug/L		83	70 - 130		
Benzene			20.0	18.4		ug/L		92	70 - 130		
Chlorobenzene			20.0	19.2		ug/L		96	70 - 130		
Toluene			20.0	18.9		ug/L		94	70 - 130		
Trichloroethene (TCE)			20.0	16.1		ug/L		81	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Lab Sample ID: 885-41695-1 MS
Matrix: Water
Analysis Batch: 41969

Client Sample ID: MW-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene	ND		20.0	17.7		ug/L		89	70 - 130		
Benzene	ND		20.0	19.7		ug/L		99	70 - 130		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-41695-1 MS
Matrix: Water
Analysis Batch: 41969

Client Sample ID: MW-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		20.0	19.8		ug/L		99	70 - 130
Toluene	ND		20.0	19.7		ug/L		98	70 - 130
Trichloroethene (TCE)	ND		20.0	17.2		ug/L		86	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Lab Sample ID: 885-41695-1 MSD
Matrix: Water
Analysis Batch: 41969

Client Sample ID: MW-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		20.0	15.6		ug/L		78	70 - 130	13	20
Benzene	ND		20.0	18.0		ug/L		90	70 - 130	9	20
Chlorobenzene	ND		20.0	17.8		ug/L		89	70 - 130	11	20
Toluene	ND		20.0	17.5		ug/L		88	70 - 130	12	20
Trichloroethene (TCE)	ND		20.0	15.4		ug/L		77	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 885-42037/7
Matrix: Water
Analysis Batch: 42037

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			01/27/26 14:43	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			01/27/26 14:43	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			01/27/26 14:43	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			01/27/26 14:43	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			01/27/26 14:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			01/27/26 14:43	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			01/27/26 14:43	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			01/27/26 14:43	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 14:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-42037/7
Matrix: Water
Analysis Batch: 42037

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 14:43	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			01/27/26 14:43	1
2-Butanone	ND		10	2.0	ug/L			01/27/26 14:43	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
2-Hexanone	ND		10	2.0	ug/L			01/27/26 14:43	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/27/26 14:43	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			01/27/26 14:43	1
Acetone	ND		10	8.5	ug/L			01/27/26 14:43	1
Benzene	ND		1.0	0.15	ug/L			01/27/26 14:43	1
Bromobenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Bromodichloromethane	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Dibromochloromethane	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Bromoform	ND		1.0	0.40	ug/L			01/27/26 14:43	1
Bromomethane	ND		3.0	2.0	ug/L			01/27/26 14:43	1
Carbon disulfide	ND		10	1.0	ug/L			01/27/26 14:43	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Chlorobenzene	ND		1.0	0.50	ug/L			01/27/26 14:43	1
Chloroethane	ND		2.0	0.40	ug/L			01/27/26 14:43	1
Chloroform	ND		1.0	0.25	ug/L			01/27/26 14:43	1
Chloromethane	ND		3.0	1.0	ug/L			01/27/26 14:43	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			01/27/26 14:43	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Dibromomethane	ND		1.0	0.40	ug/L			01/27/26 14:43	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			01/27/26 14:43	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			01/27/26 14:43	1
Isopropylbenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			01/27/26 14:43	1
Methylene Chloride	ND		2.5	1.0	ug/L			01/27/26 14:43	1
n-Butylbenzene	ND		3.0	0.20	ug/L			01/27/26 14:43	1
N-Propylbenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Naphthalene	ND		2.0	1.0	ug/L			01/27/26 14:43	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Styrene	ND		1.0	0.25	ug/L			01/27/26 14:43	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			01/27/26 14:43	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Toluene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			01/27/26 14:43	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			01/27/26 14:43	1
Vinyl chloride	ND		1.0	0.30	ug/L			01/27/26 14:43	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/27/26 14:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*01/27/26 14:43*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/27/26 14:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*01/27/26 14:43*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*01/27/26 14:43*	*1*

Lab Sample ID: LCS 885-42037/6
Matrix: Water
Analysis Batch: 42037

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	19.2		ug/L		96	70 - 130		
Benzene			20.0	21.3		ug/L		107	70 - 130		
Chlorobenzene			20.0	21.2		ug/L		106	70 - 130		
Toluene			20.0	21.1		ug/L		106	70 - 130		
Trichloroethene (TCE)			20.0	18.9		ug/L		95	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*

Lab Sample ID: 885-41695-5 MS
Matrix: Water
Analysis Batch: 42037

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene	ND	F2 F1	20.0	18.4		ug/L		92	70 - 130		
Benzene	ND	F2	20.0	20.1		ug/L		101	70 - 130		
Chlorobenzene	ND	F2	20.0	21.1		ug/L		105	70 - 130		
Toluene	ND	F2	20.0	20.7		ug/L		104	70 - 130		
Trichloroethene (TCE)	ND	F2 F1	20.0	18.2		ug/L		91	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*

Lab Sample ID: 885-41695-5 MSD
Matrix: Water
Analysis Batch: 42037

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND	F2 F1	20.0	13.7	F2 F1	ug/L		68	70 - 130	29	20
Benzene	ND	F2	20.0	14.9	F2	ug/L		75	70 - 130	30	20
Chlorobenzene	ND	F2	20.0	15.0	F2	ug/L		75	70 - 130	34	20
Toluene	ND	F2	20.0	15.1	F2	ug/L		75	70 - 130	32	20
Trichloroethene (TCE)	ND	F2 F1	20.0	13.3	F2 F1	ug/L		67	70 - 130	31	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-41695-5 MSD
Matrix: Water
Analysis Batch: 42037

Client Sample ID: MW-14
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-41864/3-A
Matrix: Water
Analysis Batch: 42468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		01/23/26 09:17	02/03/26 14:58	1

Lab Sample ID: LCS 885-41864/4-A
Matrix: Water
Analysis Batch: 42468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41864

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane (EDB)			0.100	0.120		ug/L		120	70 - 130		

Lab Sample ID: LCSD 885-41864/5-A
Matrix: Water
Analysis Batch: 42468

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41864

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)			0.100	0.117		ug/L		117	70 - 130	3	20

Lab Sample ID: MRL 885-41864/1-A
Matrix: Water
Analysis Batch: 42468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41864

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane (EDB)			0.0100	0.00873	J	ug/L		87	60 - 140		

Lab Sample ID: 885-41695-10 MS
Matrix: Water
Analysis Batch: 42605

Client Sample ID: MW-12
Prep Type: Total/NA
Prep Batch: 41864

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane (EDB)	ND		0.0933	0.0954		ug/L		102	65 - 130		

GC/MS VOA

Analysis Batch: 41969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41695-1	MW-17	Total/NA	Water	8260B	
885-41695-2	BW-4	Total/NA	Water	8260B	
885-41695-3	BW-8	Total/NA	Water	8260B	
885-41695-3	BW-8	Total/NA	Water	8260B	
885-41695-4	BW-5	Total/NA	Water	8260B	
MB 885-41969/4	Method Blank	Total/NA	Water	8260B	
LCS 885-41969/3	Lab Control Sample	Total/NA	Water	8260B	
885-41695-1 MS	MW-17	Total/NA	Water	8260B	
885-41695-1 MSD	MW-17	Total/NA	Water	8260B	

Analysis Batch: 42037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41695-5	MW-14	Total/NA	Water	8260B	
885-41695-6	MW-15	Total/NA	Water	8260B	
885-41695-6	MW-15	Total/NA	Water	8260B	
885-41695-7	MW-13	Total/NA	Water	8260B	
885-41695-8	RW-4	Total/NA	Water	8260B	
885-41695-9	BW-7R	Total/NA	Water	8260B	
885-41695-10	MW-12	Total/NA	Water	8260B	
885-41695-10	MW-12	Total/NA	Water	8260B	
885-41695-11	Trip Blank	Total/NA	Water	8260B	
MB 885-42037/7	Method Blank	Total/NA	Water	8260B	
LCS 885-42037/6	Lab Control Sample	Total/NA	Water	8260B	
885-41695-5 MS	MW-14	Total/NA	Water	8260B	
885-41695-5 MSD	MW-14	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 41864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41695-1	MW-17	Total/NA	Water	8011	
885-41695-2	BW-4	Total/NA	Water	8011	
885-41695-3	BW-8	Total/NA	Water	8011	
885-41695-4	BW-5	Total/NA	Water	8011	
885-41695-5	MW-14	Total/NA	Water	8011	
885-41695-6	MW-15	Total/NA	Water	8011	
885-41695-7	MW-13	Total/NA	Water	8011	
885-41695-8	RW-4	Total/NA	Water	8011	
885-41695-9	BW-7R	Total/NA	Water	8011	
885-41695-10	MW-12	Total/NA	Water	8011	
885-41695-11	Trip Blank	Total/NA	Water	8011	
MB 885-41864/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-41864/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-41864/5-A	Lab Control Sample Dup	Total/NA	Water	8011	
MRL 885-41864/1-A	Lab Control Sample	Total/NA	Water	8011	
885-41695-10 MS	MW-12	Total/NA	Water	8011	

Analysis Batch: 42468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41695-1	MW-17	Total/NA	Water	8011	41864
885-41695-2	BW-4	Total/NA	Water	8011	41864

GC Semi VOA (Continued)

Analysis Batch: 42468 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-41864/3-A	Method Blank	Total/NA	Water	8011	41864
LCS 885-41864/4-A	Lab Control Sample	Total/NA	Water	8011	41864
LCSD 885-41864/5-A	Lab Control Sample Dup	Total/NA	Water	8011	41864
MRL 885-41864/1-A	Lab Control Sample	Total/NA	Water	8011	41864

Analysis Batch: 42605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41695-3	BW-8	Total/NA	Water	8011	41864
885-41695-5	MW-14	Total/NA	Water	8011	41864
885-41695-7	MW-13	Total/NA	Water	8011	41864
885-41695-9	BW-7R	Total/NA	Water	8011	41864
885-41695-10	MW-12	Total/NA	Water	8011	41864
885-41695-11	Trip Blank	Total/NA	Water	8011	41864
885-41695-10 MS	MW-12	Total/NA	Water	8011	41864

Analysis Batch: 42666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41695-4	BW-5	Total/NA	Water	8011	41864
885-41695-6	MW-15	Total/NA	Water	8011	41864
885-41695-8	RW-4	Total/NA	Water	8011	41864

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-17
Lab Sample ID: 885-41695-1
Date Collected: 01/20/26 08:21
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	41969	ES	EET ALB	01/26/26 20:12
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42468	JE	EET ALB	02/03/26 16:55

Client Sample ID: BW-4
Lab Sample ID: 885-41695-2
Date Collected: 01/20/26 08:38
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	41969	ES	EET ALB	01/26/26 21:36
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42468	JE	EET ALB	02/03/26 17:09

Client Sample ID: BW-8
Lab Sample ID: 885-41695-3
Date Collected: 01/20/26 08:56
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		20	41969	ES	EET ALB	01/26/26 22:03
Total/NA	Analysis	8260B		2	41969	ES	EET ALB	01/26/26 22:31
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42605	DH	EET ALB	02/05/26 15:25

Client Sample ID: BW-5
Lab Sample ID: 885-41695-4
Date Collected: 01/20/26 09:54
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	41969	ES	EET ALB	01/26/26 22:59
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		50	42666	DH	EET ALB	02/06/26 10:38

Client Sample ID: MW-14
Lab Sample ID: 885-41695-5
Date Collected: 01/20/26 10:22
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	42037	ES	EET ALB	01/27/26 16:08
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42605	DH	EET ALB	02/05/26 15:39

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: MW-15
Lab Sample ID: 885-41695-6
Date Collected: 01/20/26 10:36
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		10	42037	ES	EET ALB	01/27/26 17:33
Total/NA	Analysis	8260B		1	42037	ES	EET ALB	01/27/26 18:01
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		10	42666	DH	EET ALB	02/06/26 10:53

Client Sample ID: MW-13
Lab Sample ID: 885-41695-7
Date Collected: 01/20/26 11:08
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	42037	ES	EET ALB	01/27/26 18:30
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42605	DH	EET ALB	02/05/26 16:08

Client Sample ID: RW-4
Lab Sample ID: 885-41695-8
Date Collected: 01/20/26 11:21
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		20	42037	ES	EET ALB	01/27/26 18:58
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		300	42666	DH	EET ALB	02/06/26 11:07

Client Sample ID: BW-7R
Lab Sample ID: 885-41695-9
Date Collected: 01/20/26 11:54
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	42037	ES	EET ALB	01/27/26 19:26
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42605	DH	EET ALB	02/05/26 16:38

Client Sample ID: MW-12
Lab Sample ID: 885-41695-10
Date Collected: 01/20/26 12:04
Matrix: Water
Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		10	42037	ES	EET ALB	01/27/26 19:54
Total/NA	Analysis	8260B		1	42037	ES	EET ALB	01/27/26 20:22
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42605	DH	EET ALB	02/05/26 16:52

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-41695-1
Project/Site: Former Y

Client Sample ID: Trip Blank
Lab Sample ID: 885-41695-11

Date Collected: 01/20/26 00:00
Matrix: Water

Date Received: 01/20/26 16:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	42037	ES	EET ALB	01/27/26 20:50
Total/NA	Prep	8011			41864	BV	EET ALB	01/23/26 09:17
Total/NA	Analysis	8011		1	42605	DH	EET ALB	02/05/26 17:21

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8011	8011	Water	1,2-Dibromoethane (EDB)
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-41695-1
Project/Site: Former Y

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Chain-of-Custody Record

Client: DBS&A

Mailing Address: 6501 Americas Parkway STE 200, Albuquerque NM 87110

Phone #:

email or Fax#: gherrmann@geo-logic.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Former Y

Project #: DB10.1157

Project Manager: g. herrmann

Sampler: L. allison

On Ice: ☒ Yes ☐ No

# of Coolers: 1 (0°C bag)

Cooler Temp(including CF): 4.0+0.3=4.3°C

eurofins | Environment Albuquerque
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87 885-41695 COC
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
1/20/26	8:21	GW	MW-17	5 VOAs		
	8:38		BW-4			
	8:56		BW-8			
	9:54		BW-5			
	10:22		MW-14			
	10:36		MW-15			
	11:08		MW-13			
	11:21		RW-4			
	11:54		BW-7R			
	12:04		MW-12			

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	EPA method 8260B	EPA method 504.1				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				
										X	X				

Date	Time	Relinquished by	Received by	Via	Date	Time
1/20	1457			CDD	1-20-2026	1657
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc. Job Number: 885-41695-1

Login Number: 41695 **List Source: Eurofins Albuquerque**

List Number: 1

Creator: Casarrubias, Tracy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

Generated 2/26/2026 9:53:01 AM

JOB DESCRIPTION

Former Y

JOB NUMBER

885-43305-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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2/26/2026 9:53:01 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Definitions/Glossary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43305-1
Project/Site: Former Y

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 885-43305-1 Eurofins Albuquerque

Job Narrative
885-43305-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/13/2026 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

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

GC Semi VOA
Method 8011: The following sample(s) was diluted due abundance of target analytes. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

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

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: RW-1
Lab Sample ID: 885-43305-1
Date Collected: 02/12/26 09:32
Matrix: Water
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			02/19/26 22:44	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			02/19/26 22:44	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			02/19/26 22:44	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			02/19/26 22:44	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			02/19/26 22:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			02/19/26 22:44	1
1,2,4-Trimethylbenzene	**1.4**		1.0	0.20	ug/L			02/19/26 22:44	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			02/19/26 22:44	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,2-Dichloroethane (EDC)	**1.8**		1.0	0.25	ug/L			02/19/26 22:44	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,3,5-Trimethylbenzene	**1.1**		1.0	0.20	ug/L			02/19/26 22:44	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 22:44	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			02/19/26 22:44	1
2-Butanone	**23**		10	2.0	ug/L			02/19/26 22:44	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
2-Hexanone	ND		10	2.0	ug/L			02/19/26 22:44	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 22:44	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			02/19/26 22:44	1
Acetone	**19**		10	8.5	ug/L			02/19/26 22:44	1
Benzene	ND		1.0	0.15	ug/L			02/19/26 22:44	1
Bromobenzene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Bromoform	ND		1.0	0.40	ug/L			02/19/26 22:44	1
Bromomethane	ND		3.0	2.0	ug/L			02/19/26 22:44	1
Carbon disulfide	ND		10	1.0	ug/L			02/19/26 22:44	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Chlorobenzene	ND		1.0	0.50	ug/L			02/19/26 22:44	1
Chloroethane	ND		2.0	0.40	ug/L			02/19/26 22:44	1
Chloroform	ND		1.0	0.25	ug/L			02/19/26 22:44	1
Chloromethane	ND		3.0	1.0	ug/L			02/19/26 22:44	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			02/19/26 22:44	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Dibromomethane	ND		1.0	0.40	ug/L			02/19/26 22:44	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			02/19/26 22:44	1
Ethylbenzene	**0.57**	**J**	1.0	0.20	ug/L			02/19/26 22:44	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			02/19/26 22:44	1
Isopropylbenzene	ND		1.0	0.20	ug/L			02/19/26 22:44	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: RW-1 **Lab Sample ID: 885-43305-1**
Date Collected: 02/12/26 09:32 **Matrix: Water**
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			02/19/26 22:44	1
Methylene Chloride	ND		2.5	1.0	ug/L			02/19/26 22:44	1
n-Butylbenzene	ND		3.0	0.20	ug/L			02/19/26 22:44	1
N-Propylbenzene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Naphthalene	ND		2.0	1.0	ug/L			02/19/26 22:44	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Styrene	ND		1.0	0.25	ug/L			02/19/26 22:44	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			02/19/26 22:44	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Toluene	**2.0**		1.0	0.20	ug/L			02/19/26 22:44	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			02/19/26 22:44	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			02/19/26 22:44	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/19/26 22:44	1
Xylenes, Total	**6.6**		1.5	0.20	ug/L			02/19/26 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*02/19/26 22:44*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/19/26 22:44*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*02/19/26 22:44*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/19/26 22:44*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.10**		0.0095	0.0076	ug/L		02/17/26 13:03	02/17/26 20:44	1

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y

Job ID: 885-43305-1

Client Sample ID: RW-2
Date Collected: 02/12/26 08:45
Date Received: 02/13/26 09:35

Lab Sample ID: 885-43305-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L			02/19/26 23:58	5
1,1,1-Trichloroethane	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			02/19/26 23:58	5
1,1,2-Trichloroethane	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1,1-Dichloroethane	ND		5.0	1.3	ug/L			02/19/26 23:58	5
1,1-Dichloroethene	ND		5.0	1.3	ug/L			02/19/26 23:58	5
1,1-Dichloropropene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1,2,3-Trichloropropane	ND		10	1.0	ug/L			02/19/26 23:58	5
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L			02/19/26 23:58	5
1,2,4-Trimethylbenzene	**1300**		50	10	ug/L			02/19/26 23:34	50
1,2-Dibromo-3-Chloropropane	ND		10	3.8	ug/L			02/19/26 23:58	5
1,2-Dibromoethane (EDB)	**4.3**	**J**	5.0	1.0	ug/L			02/19/26 23:58	5
1,2-Dichlorobenzene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1,2-Dichloroethane (EDC)	ND		5.0	1.3	ug/L			02/19/26 23:58	5
1,2-Dichloropropane	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1,3,5-Trimethylbenzene	**390**		5.0	1.0	ug/L			02/19/26 23:58	5
1,3-Dichlorobenzene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1,3-Dichloropropane	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1,4-Dichlorobenzene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
1-Methylnaphthalene	**230**		20	7.5	ug/L			02/19/26 23:58	5
2,2-Dichloropropane	ND		10	1.3	ug/L			02/19/26 23:58	5
2-Butanone	**130**		50	10	ug/L			02/19/26 23:58	5
2-Chlorotoluene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
2-Hexanone	**550**		500	100	ug/L			02/19/26 23:34	50
2-Methylnaphthalene	**430**		20	7.5	ug/L			02/19/26 23:58	5
4-Chlorotoluene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
4-Isopropyltoluene	**16**		5.0	1.0	ug/L			02/19/26 23:58	5
4-Methyl-2-pentanone	**430**		50	10	ug/L			02/19/26 23:58	5
Acetone	**190**		50	43	ug/L			02/19/26 23:58	5
Benzene	**690**		50	7.5	ug/L			02/19/26 23:34	50
Bromobenzene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
Bromodichloromethane	ND		5.0	1.0	ug/L			02/19/26 23:58	5
Dibromochloromethane	ND		5.0	1.0	ug/L			02/19/26 23:58	5
Bromoform	ND		5.0	2.0	ug/L			02/19/26 23:58	5
Bromomethane	ND		15	10	ug/L			02/19/26 23:58	5
Carbon disulfide	ND		50	5.0	ug/L			02/19/26 23:58	5
Carbon tetrachloride	ND		5.0	1.0	ug/L			02/19/26 23:58	5
Chlorobenzene	ND		5.0	2.5	ug/L			02/19/26 23:58	5
Chloroethane	ND		10	2.0	ug/L			02/19/26 23:58	5
Chloroform	ND		5.0	1.3	ug/L			02/19/26 23:58	5
Chloromethane	ND		15	5.0	ug/L			02/19/26 23:58	5
cis-1,2-Dichloroethene	ND		5.0	2.0	ug/L			02/19/26 23:58	5
cis-1,3-Dichloropropene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
Dibromomethane	ND		5.0	2.0	ug/L			02/19/26 23:58	5
Dichlorodifluoromethane	ND		5.0	5.0	ug/L			02/19/26 23:58	5
Ethylbenzene	**820**		50	10	ug/L			02/19/26 23:34	50
Hexachlorobutadiene	ND		5.0	2.0	ug/L			02/19/26 23:58	5
Isopropylbenzene	**54**		5.0	1.0	ug/L			02/19/26 23:58	5

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: RW-2 **Lab Sample ID: 885-43305-2**
Date Collected: 02/12/26 08:45 **Matrix: Water**
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		5.0	2.0	ug/L			02/19/26 23:58	5
Methylene Chloride	ND		13	5.0	ug/L			02/19/26 23:58	5
n-Butylbenzene	**29**		15	1.0	ug/L			02/19/26 23:58	5
N-Propylbenzene	**98**		5.0	1.0	ug/L			02/19/26 23:58	5
Naphthalene	**540**		100	50	ug/L			02/19/26 23:34	50
sec-Butylbenzene	**13**		5.0	1.0	ug/L			02/19/26 23:58	5
Styrene	ND		5.0	1.3	ug/L			02/19/26 23:58	5
tert-Butylbenzene	ND		5.0	2.0	ug/L			02/19/26 23:58	5
Tetrachloroethene (PCE)	ND		5.0	1.0	ug/L			02/19/26 23:58	5
Toluene	**6600**		500	100	ug/L			02/20/26 17:38	500
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
trans-1,3-Dichloropropene	ND		5.0	1.0	ug/L			02/19/26 23:58	5
Trichloroethene (TCE)	ND		5.0	1.5	ug/L			02/19/26 23:58	5
Trichlorofluoromethane	ND		5.0	1.0	ug/L			02/19/26 23:58	5
Vinyl chloride	ND		5.0	1.5	ug/L			02/19/26 23:58	5
Xylenes, Total	**7600**		75	10	ug/L			02/19/26 23:34	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*02/19/26 23:34*	*50*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/19/26 23:58*	*5*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*02/20/26 17:38*	*500*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/19/26 23:34*	*50*
Toluene-d8 (Surr)	*107*		*70 - 130*		*02/19/26 23:58*	*5*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/20/26 17:38*	*500*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/19/26 23:34*	*50*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*02/19/26 23:58*	*5*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/20/26 17:38*	*500*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/19/26 23:34*	*50*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*02/19/26 23:58*	*5*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/20/26 17:38*	*500*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**4.8**		0.47	0.37	ug/L		02/17/26 13:03	02/18/26 13:01	50

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: RW-3
Lab Sample ID: 885-43305-3
Date Collected: 02/12/26 11:26
Matrix: Water
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			02/19/26 23:09	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			02/19/26 23:09	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			02/19/26 23:09	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			02/19/26 23:09	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			02/19/26 23:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			02/19/26 23:09	1
1,2,4-Trimethylbenzene	**5.8**		1.0	0.20	ug/L			02/19/26 23:09	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			02/19/26 23:09	1
1,2-Dibromoethane (EDB)	**3.4**		1.0	0.20	ug/L			02/19/26 23:09	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1,2-Dichloroethane (EDC)	**45**		1.0	0.25	ug/L			02/19/26 23:09	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1,3,5-Trimethylbenzene	**7.5**		1.0	0.20	ug/L			02/19/26 23:09	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
1-Methylnaphthalene	**3.4**	**J**	4.0	1.5	ug/L			02/19/26 23:09	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			02/19/26 23:09	1
2-Butanone	**35**		10	2.0	ug/L			02/19/26 23:09	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
2-Hexanone	**34**		10	2.0	ug/L			02/19/26 23:09	1
2-Methylnaphthalene	**1.9**	**J**	4.0	1.5	ug/L			02/19/26 23:09	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
4-Isopropyltoluene	**0.38**	**J**	1.0	0.20	ug/L			02/19/26 23:09	1
4-Methyl-2-pentanone	**6.6**	**J**	10	2.0	ug/L			02/19/26 23:09	1
Acetone	**47**		10	8.5	ug/L			02/19/26 23:09	1
Benzene	**0.54**	**J**	1.0	0.15	ug/L			02/19/26 23:09	1
Bromobenzene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/19/26 23:09	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/19/26 23:09	1
Bromoform	ND		1.0	0.40	ug/L			02/19/26 23:09	1
Bromomethane	ND		3.0	2.0	ug/L			02/19/26 23:09	1
Carbon disulfide	ND		10	1.0	ug/L			02/19/26 23:09	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			02/19/26 23:09	1
Chlorobenzene	ND		1.0	0.50	ug/L			02/19/26 23:09	1
Chloroethane	ND		2.0	0.40	ug/L			02/19/26 23:09	1
Chloroform	ND		1.0	0.25	ug/L			02/19/26 23:09	1
Chloromethane	ND		3.0	1.0	ug/L			02/19/26 23:09	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			02/19/26 23:09	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
Dibromomethane	ND		1.0	0.40	ug/L			02/19/26 23:09	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			02/19/26 23:09	1
Ethylbenzene	**4.5**		1.0	0.20	ug/L			02/19/26 23:09	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			02/19/26 23:09	1
Isopropylbenzene	**1.8**		1.0	0.20	ug/L			02/19/26 23:09	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: RW-3 **Lab Sample ID: 885-43305-3**
Date Collected: 02/12/26 11:26 **Matrix: Water**
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	**6.8**		1.0	0.40	ug/L			02/19/26 23:09	1
Methylene Chloride	ND		2.5	1.0	ug/L			02/19/26 23:09	1
n-Butylbenzene	**0.44**	**J**	3.0	0.20	ug/L			02/19/26 23:09	1
N-Propylbenzene	**1.1**		1.0	0.20	ug/L			02/19/26 23:09	1
Naphthalene	**2.5**		2.0	1.0	ug/L			02/19/26 23:09	1
sec-Butylbenzene	**0.42**	**J**	1.0	0.20	ug/L			02/19/26 23:09	1
Styrene	ND		1.0	0.25	ug/L			02/19/26 23:09	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			02/19/26 23:09	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			02/19/26 23:09	1
Toluene	**13**		1.0	0.20	ug/L			02/19/26 23:09	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 23:09	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			02/19/26 23:09	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			02/19/26 23:09	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/19/26 23:09	1
Xylenes, Total	**48**		1.5	0.20	ug/L			02/19/26 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/19/26 23:09*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/19/26 23:09*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/19/26 23:09*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/19/26 23:09*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**4.4**		0.47	0.38	ug/L		02/17/26 13:03	02/18/26 13:16	50

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: MW-11
Lab Sample ID: 885-43305-4
Date Collected: 02/12/26 09:58
Matrix: Water
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		100	25	ug/L			02/20/26 00:23	100
1,1,1-Trichloroethane	ND		100	20	ug/L			02/20/26 00:23	100
1,1,2,2-Tetrachloroethane	ND		200	41	ug/L			02/20/26 00:23	100
1,1,2-Trichloroethane	ND		100	20	ug/L			02/20/26 00:23	100
1,1-Dichloroethane	ND		100	25	ug/L			02/20/26 00:23	100
1,1-Dichloroethene	ND		100	25	ug/L			02/20/26 00:23	100
1,1-Dichloropropene	ND		100	20	ug/L			02/20/26 00:23	100
1,2,3-Trichlorobenzene	ND		100	20	ug/L			02/20/26 00:23	100
1,2,3-Trichloropropane	ND		200	20	ug/L			02/20/26 00:23	100
1,2,4-Trichlorobenzene	ND		100	25	ug/L			02/20/26 00:23	100
1,2,4-Trimethylbenzene	**230**		100	20	ug/L			02/20/26 00:23	100
1,2-Dibromo-3-Chloropropane	ND		200	75	ug/L			02/20/26 00:23	100
1,2-Dibromoethane (EDB)	ND		100	20	ug/L			02/20/26 00:23	100
1,2-Dichlorobenzene	ND		100	20	ug/L			02/20/26 00:23	100
1,2-Dichloroethane (EDC)	ND		100	25	ug/L			02/20/26 00:23	100
1,2-Dichloropropane	ND		100	20	ug/L			02/20/26 00:23	100
1,3,5-Trimethylbenzene	**63**	**J**	100	20	ug/L			02/20/26 00:23	100
1,3-Dichlorobenzene	ND		100	20	ug/L			02/20/26 00:23	100
1,3-Dichloropropane	ND		100	20	ug/L			02/20/26 00:23	100
1,4-Dichlorobenzene	ND		100	20	ug/L			02/20/26 00:23	100
1-Methylnaphthalene	**250**	**J**	400	150	ug/L			02/20/26 00:23	100
2,2-Dichloropropane	ND		200	25	ug/L			02/20/26 00:23	100
2-Butanone	ND		1000	200	ug/L			02/20/26 00:23	100
2-Chlorotoluene	ND		100	20	ug/L			02/20/26 00:23	100
2-Hexanone	ND		1000	200	ug/L			02/20/26 00:23	100
2-Methylnaphthalene	**400**		400	150	ug/L			02/20/26 00:23	100
4-Chlorotoluene	ND		100	20	ug/L			02/20/26 00:23	100
4-Isopropyltoluene	ND		100	20	ug/L			02/20/26 00:23	100
4-Methyl-2-pentanone	ND		1000	200	ug/L			02/20/26 00:23	100
Acetone	ND		1000	850	ug/L			02/20/26 00:23	100
Benzene	**2400**		100	15	ug/L			02/20/26 00:23	100
Bromobenzene	ND		100	20	ug/L			02/20/26 00:23	100
Bromodichloromethane	ND		100	20	ug/L			02/20/26 00:23	100
Dibromochloromethane	ND		100	20	ug/L			02/20/26 00:23	100
Bromoform	ND		100	40	ug/L			02/20/26 00:23	100
Bromomethane	ND		300	200	ug/L			02/20/26 00:23	100
Carbon disulfide	ND		1000	100	ug/L			02/20/26 00:23	100
Carbon tetrachloride	ND		100	20	ug/L			02/20/26 00:23	100
Chlorobenzene	ND		100	50	ug/L			02/20/26 00:23	100
Chloroethane	ND		200	40	ug/L			02/20/26 00:23	100
Chloroform	ND		100	25	ug/L			02/20/26 00:23	100
Chloromethane	ND		300	100	ug/L			02/20/26 00:23	100
cis-1,2-Dichloroethene	ND		100	40	ug/L			02/20/26 00:23	100
cis-1,3-Dichloropropene	ND		100	20	ug/L			02/20/26 00:23	100
Dibromomethane	ND		100	40	ug/L			02/20/26 00:23	100
Dichlorodifluoromethane	ND		100	100	ug/L			02/20/26 00:23	100
Ethylbenzene	**210**		100	20	ug/L			02/20/26 00:23	100
Hexachlorobutadiene	ND		100	40	ug/L			02/20/26 00:23	100
Isopropylbenzene	ND		100	20	ug/L			02/20/26 00:23	100

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: MW-11 **Lab Sample ID: 885-43305-4**
Date Collected: 02/12/26 09:58 **Matrix: Water**
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		100	40	ug/L			02/20/26 00:23	100
Methylene Chloride	ND		250	100	ug/L			02/20/26 00:23	100
n-Butylbenzene	ND		300	20	ug/L			02/20/26 00:23	100
N-Propylbenzene	**31**	**J**	100	20	ug/L			02/20/26 00:23	100
Naphthalene	**220**		200	100	ug/L			02/20/26 00:23	100
sec-Butylbenzene	ND		100	20	ug/L			02/20/26 00:23	100
Styrene	ND		100	25	ug/L			02/20/26 00:23	100
tert-Butylbenzene	ND		100	40	ug/L			02/20/26 00:23	100
Tetrachloroethene (PCE)	ND		100	20	ug/L			02/20/26 00:23	100
Toluene	**97**	**J**	100	20	ug/L			02/20/26 00:23	100
trans-1,2-Dichloroethene	ND		100	20	ug/L			02/20/26 00:23	100
trans-1,3-Dichloropropene	ND		100	20	ug/L			02/20/26 00:23	100
Trichloroethene (TCE)	ND		100	30	ug/L			02/20/26 00:23	100
Trichlorofluoromethane	ND		100	20	ug/L			02/20/26 00:23	100
Vinyl chloride	ND		100	30	ug/L			02/20/26 00:23	100
Xylenes, Total	**180**		150	20	ug/L			02/20/26 00:23	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*02/20/26 00:23*	*100*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/20/26 00:23*	*100*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/20/26 00:23*	*100*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*02/20/26 00:23*	*100*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.17**		0.0094	0.0075	ug/L		02/17/26 13:03	02/17/26 21:28	1

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: Trip Blank
Lab Sample ID: 885-43305-5
Date Collected: 02/12/26 00:00
Matrix: Water
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			02/19/26 20:41	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			02/19/26 20:41	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			02/19/26 20:41	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			02/19/26 20:41	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			02/19/26 20:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			02/19/26 20:41	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			02/19/26 20:41	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			02/19/26 20:41	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 20:41	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			02/19/26 20:41	1
2-Butanone	ND		10	2.0	ug/L			02/19/26 20:41	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
2-Hexanone	ND		10	2.0	ug/L			02/19/26 20:41	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 20:41	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			02/19/26 20:41	1
Acetone	ND		10	8.5	ug/L			02/19/26 20:41	1
Benzene	ND		1.0	0.15	ug/L			02/19/26 20:41	1
Bromobenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Bromoform	ND		1.0	0.40	ug/L			02/19/26 20:41	1
Bromomethane	ND		3.0	2.0	ug/L			02/19/26 20:41	1
Carbon disulfide	ND		10	1.0	ug/L			02/19/26 20:41	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Chlorobenzene	ND		1.0	0.50	ug/L			02/19/26 20:41	1
Chloroethane	ND		2.0	0.40	ug/L			02/19/26 20:41	1
Chloroform	ND		1.0	0.25	ug/L			02/19/26 20:41	1
Chloromethane	ND		3.0	1.0	ug/L			02/19/26 20:41	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			02/19/26 20:41	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Dibromomethane	ND		1.0	0.40	ug/L			02/19/26 20:41	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			02/19/26 20:41	1
Ethylbenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			02/19/26 20:41	1
Isopropylbenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: Trip Blank **Lab Sample ID: 885-43305-5**
Date Collected: 02/12/26 00:00 **Matrix: Water**
Date Received: 02/13/26 09:35

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			02/19/26 20:41	1
Methylene Chloride	ND		2.5	1.0	ug/L			02/19/26 20:41	1
n-Butylbenzene	ND		3.0	0.20	ug/L			02/19/26 20:41	1
N-Propylbenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Naphthalene	ND		2.0	1.0	ug/L			02/19/26 20:41	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Styrene	ND		1.0	0.25	ug/L			02/19/26 20:41	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			02/19/26 20:41	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Toluene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			02/19/26 20:41	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			02/19/26 20:41	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/19/26 20:41	1
Xylenes, Total	ND		1.5	0.20	ug/L			02/19/26 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*02/19/26 20:41*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/19/26 20:41*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*02/19/26 20:41*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/19/26 20:41*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0096	0.0077	ug/L		02/17/26 13:03	02/20/26 11:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-43492/5
Matrix: Water
Analysis Batch: 43492

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			02/19/26 14:06	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			02/19/26 14:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			02/19/26 14:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			02/19/26 14:06	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 14:06	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			02/19/26 14:06	1
2-Butanone	ND		10	2.0	ug/L			02/19/26 14:06	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
2-Hexanone	ND		10	2.0	ug/L			02/19/26 14:06	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			02/19/26 14:06	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			02/19/26 14:06	1
Acetone	ND		10	8.5	ug/L			02/19/26 14:06	1
Benzene	ND		1.0	0.15	ug/L			02/19/26 14:06	1
Bromobenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Bromoform	ND		1.0	0.40	ug/L			02/19/26 14:06	1
Bromomethane	ND		3.0	2.0	ug/L			02/19/26 14:06	1
Carbon disulfide	ND		10	1.0	ug/L			02/19/26 14:06	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Chlorobenzene	ND		1.0	0.50	ug/L			02/19/26 14:06	1
Chloroethane	ND		2.0	0.40	ug/L			02/19/26 14:06	1
Chloroform	ND		1.0	0.25	ug/L			02/19/26 14:06	1
Chloromethane	ND		3.0	1.0	ug/L			02/19/26 14:06	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			02/19/26 14:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Dibromomethane	ND		1.0	0.40	ug/L			02/19/26 14:06	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			02/19/26 14:06	1
Ethylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			02/19/26 14:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-43492/5
Matrix: Water
Analysis Batch: 43492

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			02/19/26 14:06	1
Methylene Chloride	ND		2.5	1.0	ug/L			02/19/26 14:06	1
n-Butylbenzene	ND		3.0	0.20	ug/L			02/19/26 14:06	1
N-Propylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Naphthalene	ND		2.0	1.0	ug/L			02/19/26 14:06	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Styrene	ND		1.0	0.25	ug/L			02/19/26 14:06	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			02/19/26 14:06	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Toluene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			02/19/26 14:06	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			02/19/26 14:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/19/26 14:06	1
Xylenes, Total	ND		1.5	0.20	ug/L			02/19/26 14:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*02/19/26 14:06*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/19/26 14:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*02/19/26 14:06*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*02/19/26 14:06*	*1*

Lab Sample ID: LCS 885-43492/4
Matrix: Water
Analysis Batch: 43492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	17.6		ug/L		88	70 - 130		
Benzene			20.0	19.8		ug/L		99	70 - 130		
Chlorobenzene			20.0	19.4		ug/L		97	70 - 130		
Toluene			20.0	19.3		ug/L		96	70 - 130		
Trichloroethene (TCE)			20.0	18.3		ug/L		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 885-43601/4
Matrix: Water
Analysis Batch: 43601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-43601/4
Matrix: Water
Analysis Batch: 43601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			02/20/26 13:31	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			02/20/26 13:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			02/20/26 13:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			02/20/26 13:31	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			02/20/26 13:31	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			02/20/26 13:31	1
2-Butanone	ND		10	2.0	ug/L			02/20/26 13:31	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
2-Hexanone	ND		10	2.0	ug/L			02/20/26 13:31	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			02/20/26 13:31	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			02/20/26 13:31	1
Acetone	ND		10	8.5	ug/L			02/20/26 13:31	1
Benzene	ND		1.0	0.15	ug/L			02/20/26 13:31	1
Bromobenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Bromodichloromethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Dibromochloromethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Bromoform	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Bromomethane	ND		3.0	2.0	ug/L			02/20/26 13:31	1
Carbon disulfide	ND		10	1.0	ug/L			02/20/26 13:31	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Chlorobenzene	ND		1.0	0.50	ug/L			02/20/26 13:31	1
Chloroethane	ND		2.0	0.40	ug/L			02/20/26 13:31	1
Chloroform	ND		1.0	0.25	ug/L			02/20/26 13:31	1
Chloromethane	ND		3.0	1.0	ug/L			02/20/26 13:31	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			02/20/26 13:31	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Dibromomethane	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			02/20/26 13:31	1
Ethylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Isopropylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Methylene Chloride	ND		2.5	1.0	ug/L			02/20/26 13:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-43601/4
Matrix: Water
Analysis Batch: 43601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		3.0	0.20	ug/L			02/20/26 13:31	1
N-Propylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Naphthalene	ND		2.0	1.0	ug/L			02/20/26 13:31	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Styrene	ND		1.0	0.25	ug/L			02/20/26 13:31	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			02/20/26 13:31	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Toluene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			02/20/26 13:31	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			02/20/26 13:31	1
Vinyl chloride	ND		1.0	0.30	ug/L			02/20/26 13:31	1
Xylenes, Total	ND		1.5	0.20	ug/L			02/20/26 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*02/20/26 13:31*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/20/26 13:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/20/26 13:31*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/20/26 13:31*	*1*

Lab Sample ID: LCS 885-43601/3
Matrix: Water
Analysis Batch: 43601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	17.8		ug/L		89	70 - 130
Benzene	20.0	19.9		ug/L		99	70 - 130
Chlorobenzene	20.0	19.4		ug/L		97	70 - 130
Toluene	20.0	19.3		ug/L		96	70 - 130
Trichloroethene (TCE)	20.0	18.2		ug/L		91	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-43262/3-A
Matrix: Water
Analysis Batch: 43270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		02/17/26 13:03	02/17/26 19:17	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 885-43262/4-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 43270
Prep Batch: 43262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.100	0.117		ug/L		117	70 - 130

Lab Sample ID: LCSD 885-43262/5-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 43270
Prep Batch: 43262

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.100	0.118		ug/L		118	70 - 130	1	20

Lab Sample ID: MRL 885-43262/1-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 43270
Prep Batch: 43262

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0100	0.0104		ug/L		104	60 - 140

Lab Sample ID: MRL 885-43383/4-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 43402
Prep Batch: 43383

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0100	0.0119		ug/L		119	60 - 140

GC/MS VOA

Analysis Batch: 43492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43305-1	RW-1	Total/NA	Water	8260B	
885-43305-2	RW-2	Total/NA	Water	8260B	
885-43305-2	RW-2	Total/NA	Water	8260B	
885-43305-3	RW-3	Total/NA	Water	8260B	
885-43305-4	MW-11	Total/NA	Water	8260B	
885-43305-5	Trip Blank	Total/NA	Water	8260B	
MB 885-43492/5	Method Blank	Total/NA	Water	8260B	
LCS 885-43492/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 43601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43305-2	RW-2	Total/NA	Water	8260B	
MB 885-43601/4	Method Blank	Total/NA	Water	8260B	
LCS 885-43601/3	Lab Control Sample	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 43262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43305-1	RW-1	Total/NA	Water	8011	
885-43305-2	RW-2	Total/NA	Water	8011	
885-43305-3	RW-3	Total/NA	Water	8011	
885-43305-4	MW-11	Total/NA	Water	8011	
885-43305-5	Trip Blank	Total/NA	Water	8011	
MB 885-43262/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-43262/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-43262/5-A	Lab Control Sample Dup	Total/NA	Water	8011	
MRL 885-43262/1-A	Lab Control Sample	Total/NA	Water	8011	

Analysis Batch: 43270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43305-1	RW-1	Total/NA	Water	8011	43262
885-43305-4	MW-11	Total/NA	Water	8011	43262
MB 885-43262/3-A	Method Blank	Total/NA	Water	8011	43262
LCS 885-43262/4-A	Lab Control Sample	Total/NA	Water	8011	43262
LCSD 885-43262/5-A	Lab Control Sample Dup	Total/NA	Water	8011	43262
MRL 885-43262/1-A	Lab Control Sample	Total/NA	Water	8011	43262

Prep Batch: 43383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-43383/4-A	Lab Control Sample	Total/NA	Water	8011	

Analysis Batch: 43402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43305-2	RW-2	Total/NA	Water	8011	43262
885-43305-3	RW-3	Total/NA	Water	8011	43262
MRL 885-43383/4-A	Lab Control Sample	Total/NA	Water	8011	43383

Analysis Batch: 43536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-43305-5	Trip Blank	Total/NA	Water	8011	43262

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-43305-1
Project/Site: Former Y

Client Sample ID: RW-1
Lab Sample ID: 885-43305-1
Date Collected: 02/12/26 09:32
Matrix: Water
Date Received: 02/13/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	43492	VP	EET ALB	02/19/26 22:44
Total/NA	Prep	8011			43262	DH	EET ALB	02/17/26 13:03
Total/NA	Analysis	8011		1	43270	DH	EET ALB	02/17/26 20:44

Client Sample ID: RW-2
Lab Sample ID: 885-43305-2
Date Collected: 02/12/26 08:45
Matrix: Water
Date Received: 02/13/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		50	43492	VP	EET ALB	02/19/26 23:34
Total/NA	Analysis	8260B		5	43492	VP	EET ALB	02/19/26 23:58
Total/NA	Analysis	8260B		500	43601	CM	EET ALB	02/20/26 17:38
Total/NA	Prep	8011			43262	DH	EET ALB	02/17/26 13:03
Total/NA	Analysis	8011		50	43402	DB	EET ALB	02/18/26 13:01

Client Sample ID: RW-3
Lab Sample ID: 885-43305-3
Date Collected: 02/12/26 11:26
Matrix: Water
Date Received: 02/13/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	43492	VP	EET ALB	02/19/26 23:09
Total/NA	Prep	8011			43262	DH	EET ALB	02/17/26 13:03
Total/NA	Analysis	8011		50	43402	DB	EET ALB	02/18/26 13:16

Client Sample ID: MW-11
Lab Sample ID: 885-43305-4
Date Collected: 02/12/26 09:58
Matrix: Water
Date Received: 02/13/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		100	43492	VP	EET ALB	02/20/26 00:23
Total/NA	Prep	8011			43262	DH	EET ALB	02/17/26 13:03
Total/NA	Analysis	8011		1	43270	DH	EET ALB	02/17/26 21:28

Client Sample ID: Trip Blank
Lab Sample ID: 885-43305-5
Date Collected: 02/12/26 00:00
Matrix: Water
Date Received: 02/13/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	43492	VP	EET ALB	02/19/26 20:41
Total/NA	Prep	8011			43262	DH	EET ALB	02/17/26 13:03
Total/NA	Analysis	8011		1	43536	DB	EET ALB	02/20/26 11:02

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43305-1
Project/Site: Former Y

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8011	8011	Water	1,2-Dibromoethane (EDB)
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-43305-1
Project/Site: Former Y

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Chain-of-Custody Record

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Albuquerque

www.hallenvironmental.c

4901 Hawkins NE - Albuquerque, N

Tel. 505-345-3975 Fax 505-345

885-43305 COC

Client: DBS&A

Mailing Address: 6501 Americas Parkway STE 200, Albuquerque NM 87110

Phone #: 505-822-9400

email or Fax#: gherrmann@geo-logic.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☐ Rush

Project Name: Former Y

Project #: DB18.1157

Project Manager: g. herrmann

Sampler: L. allison

On Ice: ☑ Yes ☐ No

# of Coolers: 1 analog

Cooler Temp(including CF): 1.1+0.3=1.4°C

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2/12	09:32	GW	RW-1	5 VOAs		
	8:45		RW-2			
	11:26		RW-3			
	9:58		MW-11			

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	EPA method 8260B	EPA method 5035.1				
										X	X				
										X	X				
										X	X				
										X	X				

Date	Time	Relinquished by:	Received by:	Via	Date	Time
2/13/26	9:35	Taylor Bush		COC	2.13.26	935
Date	Time	Relinquished by:	Received by:	Via:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc. Job Number: 885-43305-1

Login Number: 43305 **List Source: Eurofins Albuquerque**

List Number: 1

Creator: McQuiston, Steven

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Grace Herrmann
Daniel B. Stephens & Associates Inc.
6501 Americas Pkwy NE
Suite 200
Albuquerque, New Mexico 87110

Generated 3/4/2026 11:33:16 AM

JOB DESCRIPTION

Former Y Station

JOB NUMBER

885-44134-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
3/4/2026 11:33:16 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

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Definitions/Glossary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-44134-1
Project/Site: Former Y Station

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 885-44134-1 Eurofins Albuquerque

Job Narrative
885-44134-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 2/26/2026 8:20 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

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

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

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station

Job ID: 885-44134-1

Client Sample ID: MW-16
Date Collected: 02/23/26 08:49
Date Received: 02/26/26 08:20

Lab Sample ID: 885-44134-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L			03/02/26 16:18	5
1,1,1-Trichloroethane	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			03/02/26 16:18	5
1,1,2-Trichloroethane	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,1-Dichloroethane	ND		5.0	1.3	ug/L			03/02/26 16:18	5
1,1-Dichloroethene	ND		5.0	1.3	ug/L			03/02/26 16:18	5
1,1-Dichloropropene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,2,3-Trichloropropane	ND		10	1.0	ug/L			03/02/26 16:18	5
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L			03/02/26 16:18	5
1,2,4-Trimethylbenzene	**1.4**	**J**	5.0	1.0	ug/L			03/02/26 16:18	5
1,2-Dibromo-3-Chloropropane	ND		10	3.8	ug/L			03/02/26 16:18	5
1,2-Dibromoethane (EDB)	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,2-Dichlorobenzene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,2-Dichloroethane (EDC)	**110**		5.0	1.3	ug/L			03/02/26 16:18	5
1,2-Dichloropropane	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,3,5-Trimethylbenzene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,3-Dichlorobenzene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,3-Dichloropropane	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1,4-Dichlorobenzene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
1-Methylnaphthalene	ND		20	7.5	ug/L			03/02/26 16:18	5
2,2-Dichloropropane	ND		10	1.3	ug/L			03/02/26 16:18	5
2-Butanone	ND		50	10	ug/L			03/02/26 16:18	5
2-Chlorotoluene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
2-Hexanone	ND		50	10	ug/L			03/02/26 16:18	5
2-Methylnaphthalene	ND		20	7.5	ug/L			03/02/26 16:18	5
4-Chlorotoluene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
4-Isopropyltoluene	**1.0**	**J**	5.0	1.0	ug/L			03/02/26 16:18	5
4-Methyl-2-pentanone	ND		50	10	ug/L			03/02/26 16:18	5
Acetone	ND		50	43	ug/L			03/02/26 16:18	5
Benzene	**28**		5.0	0.75	ug/L			03/02/26 16:18	5
Bromobenzene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Bromodichloromethane	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Dibromochloromethane	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Bromoform	ND		5.0	2.0	ug/L			03/02/26 16:18	5
Bromomethane	ND		15	10	ug/L			03/02/26 16:18	5
Carbon disulfide	ND		50	5.0	ug/L			03/02/26 16:18	5
Carbon tetrachloride	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Chlorobenzene	ND		5.0	2.5	ug/L			03/02/26 16:18	5
Chloroethane	ND		10	2.0	ug/L			03/02/26 16:18	5
Chloroform	ND		5.0	1.3	ug/L			03/02/26 16:18	5
Chloromethane	ND		15	5.0	ug/L			03/02/26 16:18	5
cis-1,2-Dichloroethene	ND		5.0	2.0	ug/L			03/02/26 16:18	5
cis-1,3-Dichloropropene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Dibromomethane	ND		5.0	2.0	ug/L			03/02/26 16:18	5
Dichlorodifluoromethane	ND		5.0	5.0	ug/L			03/02/26 16:18	5
Ethylbenzene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Hexachlorobutadiene	ND		5.0	2.0	ug/L			03/02/26 16:18	5
Isopropylbenzene	**5.1**		5.0	1.0	ug/L			03/02/26 16:18	5

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-44134-1
Project/Site: Former Y Station

Client Sample ID: MW-16
Lab Sample ID: 885-44134-1
Date Collected: 02/23/26 08:49
Matrix: Water
Date Received: 02/26/26 08:20

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		5.0	2.0	ug/L			03/02/26 16:18	5
Methylene Chloride	ND		13	5.0	ug/L			03/02/26 16:18	5
n-Butylbenzene	**1.1**	**J**	15	1.0	ug/L			03/02/26 16:18	5
N-Propylbenzene	**2.4**	**J**	5.0	1.0	ug/L			03/02/26 16:18	5
Naphthalene	ND		10	5.0	ug/L			03/02/26 16:18	5
sec-Butylbenzene	**1.0**	**J**	5.0	1.0	ug/L			03/02/26 16:18	5
Styrene	ND		5.0	1.3	ug/L			03/02/26 16:18	5
tert-Butylbenzene	ND		5.0	2.0	ug/L			03/02/26 16:18	5
Tetrachloroethene (PCE)	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Toluene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
trans-1,3-Dichloropropene	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Trichloroethene (TCE)	ND		5.0	1.5	ug/L			03/02/26 16:18	5
Trichlorofluoromethane	ND		5.0	1.0	ug/L			03/02/26 16:18	5
Vinyl chloride	ND		5.0	1.5	ug/L			03/02/26 16:18	5
Xylenes, Total	**2.9**	**J**	7.5	1.0	ug/L			03/02/26 16:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*03/02/26 16:18*	*5*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/02/26 16:18*	*5*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*03/02/26 16:18*	*5*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/02/26 16:18*	*5*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	**0.023**		0.0094	0.0075	ug/L		03/02/26 12:41	03/03/26 13:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-44130/5
Matrix: Water
Analysis Batch: 44130

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,1,1-Trichloroethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.41	ug/L			03/02/26 14:39	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,1-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2,3-Trichloropropane	ND		2.0	0.20	ug/L			03/02/26 14:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,2,4-Trimethylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.75	ug/L			03/02/26 14:39	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,2-Dichloroethane (EDC)	ND		1.0	0.25	ug/L			03/02/26 14:39	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,3,5-Trimethylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1,4-Dichlorobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			03/02/26 14:39	1
2,2-Dichloropropane	ND		2.0	0.25	ug/L			03/02/26 14:39	1
2-Butanone	ND		10	2.0	ug/L			03/02/26 14:39	1
2-Chlorotoluene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
2-Hexanone	ND		10	2.0	ug/L			03/02/26 14:39	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			03/02/26 14:39	1
4-Chlorotoluene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
4-Methyl-2-pentanone	ND		10	2.0	ug/L			03/02/26 14:39	1
Acetone	ND		10	8.5	ug/L			03/02/26 14:39	1
Benzene	ND		1.0	0.15	ug/L			03/02/26 14:39	1
Bromobenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Bromodichloromethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Dibromochloromethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Bromoform	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Bromomethane	ND		3.0	2.0	ug/L			03/02/26 14:39	1
Carbon disulfide	ND		10	1.0	ug/L			03/02/26 14:39	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/02/26 14:39	1
Chloroethane	ND		2.0	0.40	ug/L			03/02/26 14:39	1
Chloroform	ND		1.0	0.25	ug/L			03/02/26 14:39	1
Chloromethane	ND		3.0	1.0	ug/L			03/02/26 14:39	1
cis-1,2-Dichloroethene	ND		1.0	0.40	ug/L			03/02/26 14:39	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Dibromomethane	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Dichlorodifluoromethane	ND		1.0	1.0	ug/L			03/02/26 14:39	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Hexachlorobutadiene	ND		1.0	0.40	ug/L			03/02/26 14:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-44130/5
Matrix: Water
Analysis Batch: 44130

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Methylene Chloride	ND		2.5	1.0	ug/L			03/02/26 14:39	1
n-Butylbenzene	ND		3.0	0.20	ug/L			03/02/26 14:39	1
N-Propylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Naphthalene	ND		2.0	1.0	ug/L			03/02/26 14:39	1
sec-Butylbenzene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Styrene	ND		1.0	0.25	ug/L			03/02/26 14:39	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			03/02/26 14:39	1
Tetrachloroethene (PCE)	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Toluene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Trichloroethene (TCE)	ND		1.0	0.30	ug/L			03/02/26 14:39	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			03/02/26 14:39	1
Vinyl chloride	ND		1.0	0.30	ug/L			03/02/26 14:39	1
Xylenes, Total	ND		1.5	0.20	ug/L			03/02/26 14:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*		*03/02/26 14:39*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/02/26 14:39*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*03/02/26 14:39*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*03/02/26 14:39*	*1*

Lab Sample ID: LCS 885-44130/3
Matrix: Water
Analysis Batch: 44130

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	18.9		ug/L		95	70 - 130		
Benzene			20.0	21.2		ug/L		106	70 - 130		
Chlorobenzene			20.0	20.6		ug/L		103	70 - 130		
Toluene			20.0	21.1		ug/L		105	70 - 130		
Trichloroethene (TCE)			20.0	20.1		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-44148/3-A **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 44156 **Prep Batch: 44148**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0080	ug/L		03/02/26 12:39	03/02/26 17:36	1

Lab Sample ID: LCS 885-44148/4-A **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 44156 **Prep Batch: 44148**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.100	0.0709		ug/L		71	70 - 130

Lab Sample ID: LCSD 885-44148/5-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 44156 **Prep Batch: 44148**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.100	0.0786		ug/L		79	70 - 130	10	20

QC Association Summary

Client: Daniel B. Stephens & Associates Inc.
Project/Site: Former Y Station

Job ID: 885-44134-1

GC/MS VOA

Analysis Batch: 44130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44134-1	MW-16	Total/NA	Water	8260B	
MB 885-44130/5	Method Blank	Total/NA	Water	8260B	
LCS 885-44130/3	Lab Control Sample	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 44148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44134-1	MW-16	Total/NA	Water	8011	
MB 885-44148/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-44148/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-44148/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 44156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-44148/3-A	Method Blank	Total/NA	Water	8011	44148
LCS 885-44148/4-A	Lab Control Sample	Total/NA	Water	8011	44148
LCSD 885-44148/5-A	Lab Control Sample Dup	Total/NA	Water	8011	44148

Analysis Batch: 44192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-44134-1	MW-16	Total/NA	Water	8011	44148

Lab Chronicle

Client: Daniel B. Stephens & Associates Inc.
Job ID: 885-44134-1
Project/Site: Former Y Station

Client Sample ID: MW-16
Lab Sample ID: 885-44134-1
Date Collected: 02/23/26 08:49
Matrix: Water
Date Received: 02/26/26 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		5	44130	CM	EET ALB	03/02/26 16:18
Total/NA	Prep	8011			44148	DH	EET ALB	03/02/26 12:41
Total/NA	Analysis	8011		1	44192	DB	EET ALB	03/03/26 13:20

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-44134-1
Project/Site: Former Y Station

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26 *

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8011	8011	Water	1,2-Dibromoethane (EDB)
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Client: Daniel B. Stephens & Associates Inc. Job ID: 885-44134-1
Project/Site: Former Y Station

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-27

Chain-of-Custody Record

Client: DBS&A

Mailing Address: 6501 Americas Parkway STE 200, Albuquerque NM 87110

Phone #: 505-822-9400

email or Fax#: gherrmann@geo-logic.com

QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Former Y

Project #: DB18.1157

Project Manager: g.herrmann

Sampler: L.allison

On Ice: ☑ Yes ☐ No

# of Coolers: 1 Abby

Cooler Temp (including CF): 0.6+0.3=0.9 °C

eurofins | Albuquerque Environment Testing

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8710

Tel. 505-345-3975 Fax 505-345-4107

885-44134 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	EPA method 8260B	EPA method 504.1
2/23	8:49	GW	MW-16	5voas													X	X

Date	Time	Relinquished by	Received by	Via	Date	Time
2/20	8:20			CPO	2/20/26	8:20
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Daniel B. Stephens & Associates Inc. Job Number: 885-44134-1

Login Number: 44134 **List Source: Eurofins Albuquerque**

List Number: 1

Creator: Dominguez, Desiree

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

Appendix E

Mass Removal Calculations

DBS&A
a Geo-Logic Company

DBS&A a Geo-Logic Company

Calculation Cover Sheet

Project Name Former Y Station State Lead Site Project Number DB18.1157

Calculation Number 001 Discipline Environmental No. of Sheets 8

PROJECT:

Former Y Station State Lead Site

SITE:

1905 N Prince St, Clovis, NM 88101



SUBJECT:

Hydrocarbon Mass Removal Calculation

SOURCES OF DATA:

A. System operations summary data recorded by DBS&A staff

B. Summary of Analytical Organic Chemistry Data for Soil Vapor, DBS&A. (Results reported by Hall Environmental Analysis Laboratory)

C. Fundamentals of Fluid Mechanics - Munson et al, 2006

D. "Conversion Unmasked" - Rong and Yu, 1996

SOURCES OF FORMULAE & REFERENCES:

1. Rotameter Flow Measurement, January 29, 2010

2. Alnor HVAC Handbook, 2007

☒ Preliminary Calculation ☐ Final Calculation Supersedes Calculation No. ____

Rev. No.	Revision	Calculation By	Date	Checked By	Date	Approved By	Date
0	Startup / As-Built Report	ANT	12/06/2023	TG	12/08/2023	TG	12/27/2023
1	1st GWM Report	TG	2/12/2024	GMH	2/16/2024	TG	2/16/2024

DBS&A a Geo-Logic Company

Calculation Sheet

Project No. DB18.1157 Date 12/6/2023

Subject Hydrocarbon Mass Removal Calculation Sheet 1 of 7

By A. Nuñez-Thompson Checked By T. Golden Calculation No. 001

1. Purpose

- Calculate the total mass of hydrocarbons removed by the remediation system, including the soil vapor extraction (SVE) and groundwater extraction components
- Calculate the hydrocarbon destruction efficiency of the SVE system
- Calculate the hydrocarbon emission rates from the SVE system

2. Given

- System operations data recorded by technical staff, including air flow rate in cubic feet per minute [cfm] or standard cfm and totalized water flow in gallons; blower effluent temperature, vacuum, hours of operation; and influent and effluent concentrations as measured with a PID [A]
- Total petroleum hydrocarbons as gasoline and diesel range organics (TPH GRO and DRO) concentrations from laboratory analyses of soil vapor and groundwater samples [B]
- Absolute atmospheric pressure, P_{atm}, in Clovis, NM at an elevation of 4,280 feet above mean sea level (ft msl) is 12.53 pounds per square inch (psi) (linearly interpolated from the reference) [C]
- Conversion factor of 4.16 from gasoline concentrations measured in parts per million by volume (ppmv) to micrograms per liter (µg/L) [D]

3. Method

Methods for calculating air flow rates and hydrocarbon mass removal, destruction efficiency, and emission rates are provided below.

3.1 Air Flow Rates

The combined influent flow rate for the SVE system is reported in standard cubic feet per minute (scfm). Calculate the actual (Q_{acfm}) system air flow rates based on the standard system flow and the actual pressure and temperature relative to standard conditions (14.7 psi and 530 degrees Rankine) using equations 1 and 2. [1]

$$Q_{acfm} = Q_{scfm} \cdot \frac{P_{std}}{P_{actual}} \cdot \frac{T_{actual}}{T_{std}} \quad (1)$$

3.2 Mass Removal by Laboratory Analysis

The first mass removal calculation is performed using laboratory analyses of concentrations of total petroleum hydrocarbons as gasoline range organics (TPH GRO) in µg/L[B] and the air flow rate. Laboratory concentrations (C_{lab}, mass per volume) are first converted to a volume of air under standard conditions, C_{std} (Hall Environmental Analysis Laboratory stated that concentrations are reported under actual laboratory conditions):

$$C_{std} = C_{lab} \cdot \left(\frac{P_{std}}{P_{lab}} \cdot \frac{T_{lab}}{T_{std}} \right) \quad (2)$$

The combined well influent air flow rate (measured in the same point in the process as the laboratory samples) is recorded by the MPE system in standard cfm using an averaging pitot tube.[2] The standard combined well influent concentration of TPH (GRO), mass per volume, is multiplied by the standard air flow, volume per time, and the equipment run time to obtain the mass of hydrocarbons removed.

Laboratory analysis of groundwater is used with similar methodology to calculate mass removal from the groundwater extraction component of the remediation system. The groundwater concentration, mass per volume, is multiplied by a measured volume of groundwater extracted over the period of operation. Mass of both TPH and gasoline constituents of benzene, toluene, ethylbenzene, and total xylenes (BTEX) are evaluated to estimate approximate mass of gasoline-equivalent hydrocarbons in the groundwater medium, with the maximum of the two values taken.

3.3 Mass Removal by PID Analysis

A second mass removal calculation is performed using PID field screening readings[A] measured in ppmv and the air flow rate. PID readings are first converted from volumetric concentrations (ppmv) to mass-based concentrations (µg/L) using a factor of 4.16[D]. The combined well influent air flow rate (measured in the same point in the process as the PID samples) is recorded by the SVE system in standard cfm using an averaging pitot tube.[4] The standard combined well influent PID reading is multiplied by the standard air flow and the equipment run time to obtain the mass of hydrocarbons removed, similar to the method above.

3.4 Destruction Efficiency

System destruction efficiency (DE) is computed based on the system influent and effluent laboratory concentrations (C_{inf} and C_{eff}):

$$DE = (C_{inf} - C_{eff}) / (C_{inf}) \quad (3)$$

3.5 Emission Rates

Estimated hydrocarbon emission rates are calculated based on the oxidizer standard effluent concentration of TPH (GRO) and an assumed oxidizer standard effluent air flow rate. The effluent concentration is converted to a volume of air under standard conditions using equation 2. The effluent air flow rate will include well flow, dilution air, combustion air, and tertiary (cooling) air, where applicable. The SVE system is estimated conservatively to have a discharge air flow rate of 1,000 scfm.

4. Solution

Sample calculations are provided below for a period between November 1 and November 9 (laboratory samples collected on November 1 and November 9), with calculations summarized in attached spreadsheets. Removal by the groundwater treatment system is calculated based on a laboratory sample collected on November 9, 2023.

4.1 Air Flow Rates

The standard combined well influent flow rate, Q_{scfm}, during the period of 138 hours is 750 scfm, combined well vacuum, P_{vac}, is 50 inches of water column (" H_2O). Calculate the actual system flow rate, Q_{acfm}, using equation 1.

Calculate the actual pressure, P_{actual}, at the system flow meter based on atmospheric pressure (P_{atm}) and the applied well vacuum (P_{vac}):

P_{vac} = 49" H_2O

$$P_{actual} = P_{atm} - P_{vac} = 12.5\ psi - \frac{50"\ H_2O}{1} * \frac{1'H_2O}{12"\ H_2O} * \frac{1\ psi}{2.31'\ H_2O} = 10.70\ psi$$

$$Q_{acfm} = Q_{scfm} * \frac{P_{std}}{P_{actual}} * \frac{T_{actual}}{T_{std}} = 750\ scfm * \frac{14.7\ psi}{10.70\ psi} * \frac{530\ R}{530\ R} = 1{,}028\ acfm$$

4.2 Mass Removal by Laboratory Analysis

The standard combined well influent flow rate, Q_{scfm}, during the period of 138 hours is 750 scfm, and TPH (GRO) laboratory concentration, C_{lab}, is 13,800 micrograms per liter (µg/L)[B]. Calculate the TPH (GRO) concentration under standard conditions, C_{std}, using equation 3 and assuming the absolute pressure and temperature at the laboratory (5000 ft msl) are 12.23 psi and 70° F, respectively:

$$C_{std} = C_{lab} * \left(\frac{P_{std}}{P_{lab}} * \frac{T_{lab}}{T_{std}}\right) = 13{,}800\ \mu g/L * \left(\frac{14.7}{12.23} * \frac{530}{530}\right) = 16{,}587\ \mu g/L$$

Mass = Q_{scfm} * C_{std} * time = 750 scfm * 16,587 µg/L * 138 hr * (28.317 L/ft^3) * (60 min/hr) *

(1 pound / 454 grams) * (1 gram / 10^6 µg) = **Mass = 6,430 lb gasoline**

Calculate the daily mass removal and total mass removed by the groundwater treatment system based on concentrations of TPH (GRO), TPH (DRO), and BTEX of 6.1, 2.4, and 2.9 mg/L, respectively, for the samples collected on November 9, 2023. The sum total of TPH is 8.5 mg/L, which is greater than the BTEX concentrations. The effluent totalizing flow meter read 133,800 gallons on November 9 and 42,000 gallons on November 3, so approximately 91,800 gallons were processed during this time period. Calculate the mass removed using the concentration and volumetric flow for the period:

Mass removed = V_{period} * C_{lab} =

91,800 gal * (8.5 mg/L) * 2.20x10^{-6} lb/mg * 3.8 L/gal**= Mass = 6.5 lb gasoline**

Total mass removed from both air and water phases of contamination:

Mass = 6,430 + 6.5 = 6,437 lb / 6 lb/gal = **Mass = 1,073 gallons gasoline-equivalent**

Conversions from mass to gallons are provided only as a frame of reference. Some constituents in gasoline may not readily volatilize or may be oxidized by natural processes. Complete results are provided on attached spreadsheets.

4.3 Mass Removal by PID Analysis

The standard combined well influent flow rate, Q_{scfm}, during the period of 138 hours is 750 scfm, and the PID reported a volumetric concentration of 847 ppmv[A]. Convert the volumetric concentration to a mass-based concentration at standard conditions:

C_{std} = 847 ppmv * (4.16 µg/L per ppmv) = 3,524 µg/L

Mass = Q_{scfm} * C_{std} * time = 750 scfm * 3,524 µg/L * 138 hr * (28.317 L/ft^3) * (60 min/hr) *

(1 pound / 454 grams) * (1 gram / 10^6 µg) = **Mass = 1,366 lb gasoline**

Mass removal estimates obtained using PID data were lower than laboratory results. However, concentration estimates measured in the field using a portable PID are considered to be for screening purposes only and won't necessarily correlate with mass concentrations measured with laboratory data.

4.4 Destruction Efficiency

Calculate destruction efficiency using equation 3, assuming TPH (GRO) influent and effluent laboratory concentrations of 13,800 and 2,700 µg/L[B], respectively, from the November 9 sampling event:

DE = (C_{inf} - C_{eff}) / (C_{inf}) = (13,800 µg/L – 2,700 µg/L) / 13,800 µg/L = **DE = 80.4%**

Calculate destruction efficiency using equation 3, assuming TPH (GRO) influent and effluent laboratory concentrations of 9,800 and 220 µg/L[B], respectively, from the November 28 sampling event:

DE = (C_{inf} - C_{eff}) / (C_{inf}) = (9,800 µg/L – 220 µg/L) / 9,800 µg/L = **DE = 97.8%**

Destruction efficiency has improved as the system has continued to operate. Based on how the remediation system operated during the startup period, it is likely that process air was initially oxygen deficient. In this state, hydrocarbons were not oxidized as completely, despite normal operation of the thermal oxidizer. Normal operation of the oxidizer has created subsurface circulation and is increasing subsurface oxygen content over time. This has translated to improved oxidizer efficiency, as observed in the laboratory data.

4.5 Emission Rates

Calculate the oxidizer effluent TPH (GRO) concentration under standard conditions, C_{std}, using equation 2 and assuming the absolute pressure and temperature at the laboratory (5000 ft msl) are 12.23 psi and 70° F, respectively:

$$C_{std} = C_{lab} * \left(\frac{P_{std}}{P_{lab}} * \frac{T_{lab}}{T_{std}}\right) = 2{,}700\ \mu g/L * \left(\frac{14.7}{12.23} * \frac{530}{530}\right) = 3{,}245\ \mu g/L$$

Calculate emissions rates in pounds per hour (lb/hr) and tons per year (ton/yr) assuming a system discharge air flow rate, Q_{out}, of 1000 scfm (including combustion blower air):

Emissions = Q_{out} * C_{std} = 1,000 scfm * 3,245 µg/L * (28.317 L/ft^3) * (60 min/hr) *

(1 pound / 454 grams) * (1 gram / 10^6 µg) = **Emissions = 12.16 lb/hr**

Emissions = 12.16 lb/hr * (8760 hr/yr) * (1 ton/2000 lb) = **Emissions = 53.24 ton/yr**

Time weighted average emission rates involve summing the product of the emission rate and run time for each individual period and dividing by the total run time.

Total period average emission rates involve summing the product of the emission rate and run time for each individual period and dividing by the current calendar time since startup.

As discussed above, oxidizer emission rates have improved as the oxidizer has continued to operate. Since November 16, 2023, TPH emission rates have been below 2 lb/hr and 9 ton/yr. Emissions of regulated constituents of gasoline, such as benzene, have been less than 0.2 lb/hr and 0.9 ton/yr. Emission rates will continue to improve as oxidizer efficiency increases and contaminant concentrations decrease with optimized mass removal.

Former Y Station, Clovis New Mexico
Mass removal calculation (PID results)
System start date November 1, 2023
The sample point is the combined influent sample port. Air flow is measured by the SVE system.

Date	Time	Total Oxidizer Hours (hr)	Run Time during period (hr)	Run Time during period (min)	Combined Well Vacuum (in Hg)	Combined Well Vacuum (in H_2O)	Standard Combined Well Flow (scfm)	Actual Combined Well Flow (acfm)	PID Concentration (ppmv)	PID Concentration (µg/L)*	Total Well Flow (scf)	Mass Removed During Period (lb)	Cumulative Mass Removed (lb)	Mass Removal Rate (lb/hr)	Cumulative Mass Removal Rate (lb/hr)
11/1/2023	10:00	5	System started												
11/1/2023	13:56	9	4	240	3.1	42	761	1,016	15,000	62,400	182,640	711	711	177.9	177.9
11/3/2023	15:08	58	49	2,940	3.5	47	762	1,034	1,446	6,015	2,240,280	841	1,553	17.2	29.3
11/9/2023	8:30	196	138	8,280	3.7	50	750	1,028	847	3,524	6,210,000	1,366	2,919	9.9	15.3
11/16/2023	14:10	368	172	10,320	3.5	48	766	1,043	1,368	5,691	7,905,120	2,808	5,727	16.3	15.8
11/21/2023	15:08	485	117	7,020	3.9	53	762	1055	1,523	6,336	5,349,240	2,116	7,843	18.1	16.3
11/27/2023	16:01	633	148	8,880	3.9	53	765	1059	1,105	4,597	6,793,200	1,949	9,793	13.2	15.6
12/12/2023	8:00	963	330	19,800	4.1	55	775	1082	825	3,434	15,345,000	3,289	13,082	10.0	13.7
1/3/2024	7:30	1,463	500	30,000	4.1	56	775	1084	788	3,277	23,250,000	4,756	17,838	9.5	12.2
1/16/2024	12:30	1,756	293	17,580	4.2	57	781	1096	702	2,918	13,729,980	2,501	20,339	8.5	11.6
1/31/2024	8:27	2,109	353	21,162	4.4	59	764	1081	896	3,727	16,167,768	3,762	24,101	10.7	11.5
2/8/2024	8:40	2,300	191	11,478	5.0	68	725	1059	1,026	4,268	8,321,550	2,217	26,319	11.6	11.5
2/19/2024	14:43	2,568	268	16,080	5.1	69	729	1068	647	2,692	11,722,320	1,970	28,289	7.4	11.0
3/5/2024															
3/26/2024															
4/17/2024															
4/28/2024															
			SVE System Off due to Thermal Oxidizer Fault												
7/12/2024	7:52	2,633	65	3,888	3.5	48	777	1058	394	1,637	3,020,976	309	28,598	4.8	10.9
7/29/2024	12:30	3,041	408	24,480	3.7	51	754	1037	750	3,119	18,457,920	3,594	32,192	8.8	10.6
8/14/2024	7:47	3,331	290	17,400	4.2	57	753	1056	975	4,055	13,102,200	3,317	35,508	11.4	10.7
8/26/2024	9:30	3,609	278	16,692	4.6	62	727	1040	687	2,856	12,135,084	2,164	37,672	7.8	10.5
9/12/2024	7:06	3,941	332	19,920	4.8	65	739	1066	399	1,658	14,720,880	1,523	39,195	4.6	10.0
9/26/2024	12:41	4,254	313	18,780	5.4	74	508	757	640	2,662	9,540,240	1,586	40,781	5.1	9.6
10/8/2024	12:45	4,881	627	37,620	5.4	73	513	763	562	2,340	19,299,060	2,819	43,600	4.5	8.9
10/28/2024	8:00	5,346	465	27,900	5.0	68	535	781	719	2,990	14,926,500	2,786	46,386	6.0	8.7
11/11/2024	9:00	5,450	104	6,252	4.2	57	600	843	595	2,474	3,751,200	579	46,965	5.6	8.6
12/4/2024	10:00	5,639	189	11,328	4.3	58	576	811	396	1,647	6,524,928	671	47,636	3.6	8.5
12/18/2024	10:52	5,680	41	2,460	4.9	66	608	882	649	2,700	1,495,680	252	47,889	6.1	8.4
12/27/2024	11:30	5,845	165	9,900	4.8	65	583	842	1,560	6,490	5,771,700	2,338	50,227	14.2	8.6
1/2/2025	7:30	6,013	168	10,080	4.8	65	603	872	373	1,552	6,078,240	589	50,816	3.5	8.5
1/23/2025	13:20	6,358	345	20,700	5.3	72	584	866	919	3,823	12,088,800	2,885	53,701	8.4	8.5
7/30/2025	7:30	6,718	360	21,600	3.7	51	770	1057	743	3,091	16,632,000	3,209	56,910	8.9	8.5
8/18/2025	7:15	7,132	414	24,840	4.4	59	669	946	745	3,100	16,605,540	3,214	60,124	7.8	8.4
9/4/2025	12:53	7,542	410	24,600	5.0	68	567	828	843	3,507	13,948,200	3,054	63,177	7.4	8.4
9/18/2025	6:38	7,875	333	19,980	5.2	71	580	857	1,113	4,630	11,588,400	3,350	66,527	10.1	8.5
10/1/2025	10:25	8,187	312	18,720	4.8	65	574	829	625	2,600	10,735,920	1,743	68,270	5.6	8.3
11/5/2025	13:00	8,644													
11/17/2025	8:26	8,766													
12/3/2025	11:10	8,766													
12/15/2025	10:20	8,766													
1/2/2026	10:34	8,766													
1/19/2026	6:40	8,766													
			SVE System Off												
2/6/2026	12:00	8,867	101	6,060	4.5	61	767	1091	177	734	4,648,020	213	68,483	2.1	7.7
2/11/2026	8:03	8,983	116	6,960	4.4	60	773	1097	278	1,156	5,380,080	388	68,871	3.3	7.7
2/23/2026	7:58	9,270	287	17,220	4.6	63	756	1085	267	1,112	13,018,320	903	69,774	3.1	7.5

Former Y Station, Clovis New Mexico
Mass removal calculation (PID results)
System start date November 1, 2023
The sample point is the combined influent sample port. Air flow is measured by the SVE system.

Date	Time	Total Oxidizer Hours (hr)	Run Time during period (hr)	Run Time during period (min)	Combined Well Vacuum (in Hg)	Combined Well Vacuum (in H_2O)	Standard Combined Well Flow (scfm)	Actual Combined Well Flow (acfm)	PID Concentration (ppmv)	PID Concentration (µg/L)*	Total Well Flow (scf)	Mass Removed During Period (lb)	Cumulative Mass Removed (lb)	Mass Removal Rate (lb/hr)	Cumulative Mass Removal Rate (lb/hr)

Notes

µg/L =	micrograms per liter	hr =	hours
lb=	pounds	min =	minutes
cfm =	cubic feet per minute	in H_2O =	inches water column
acfm =	actual cfm	psi =	pounds per square inch
scfm =	standard cfm	°F =	degrees Fahrenheit
scf =	standard cubic feet	°R =	degrees Rankine
STP =	standard temperature and pressure	ft msl =	feet above mean sea level

Conversions

* micrograms per liter = milligrams per cubic meter.

454	gram / lb
1.00E+06	ug / gram
60	min / hr
28.317	liter / cubic foot
1000	liter / cubic meter
35.315	cubic feet / cubic meter
4.16	ug/L per ppmv for gasoline at STP

Flow Conversions

12.5	absolute air pressure at 4280 ft msl
14.7	absolute air pressure at 0 ft msl
13.6	Inches water per inches Hg
12	inches per foot water
2.31	feet of water (head) per psi
70	°F, standard temperature
70	°F, assumed lab temperature
460	°R

Former Y Station, Clovis New Mexico
Mass removal calculation (laboratory results)
System start date November 1, 2023
The sample point is the combined influent sample port. Air flow is measured by the SVE system.

Date	Time	Total Oxidizer Hours (hr)	Run Time (hr)	Run Time (min)	Combined Well Vacuum (in Hg)	Combined Well Vacuum (in H_2O)	Standard Combined Well Flow (scfm)	Actual Combined Well Flow (acfm)	Lab Results TPH GRO (µg/L)*	Lab Results TPH GRO at STP (µg/L)*	Total Well Flow (scf)	Mass Removed During Period (lb)	Cumulative Mass Removed (lb)	Mass Removal Rate (lb/hr)	Cumulative Mass Removal Rate (lbs/hr)
11/1/2023	10:00	5	System Started												
11/1/2023	13:56	9	4	240	3.1	42	761	1016	36,000	43,271	182,640	493	493	123.3	123.3
11/3/2023	15:08	58	49	2,940	3.5	47	762	1034	34,000	40,867	2,240,280	5,715	6,209	116.6	117.1
11/9/2023	8:30	196	138	8,280	3.7	50	750	1028	13,800	16,587	6,210,000	6,430	12,639	46.6	66.2
11/16/2023	14:10	368	172	10,320	3.5	48	766	1043	16,000	19,231	7,905,120	9,491	22,130	55.2	61.0
11/21/2023	15:08	485	117	7,020	3.9	53	762	1055	12,000	14,424	5,349,240	4,817	26,947	41.2	56.1
11/27/2023	16:01	633	148	8,880	3.9	53	765	1059	9,800	11,779	6,793,200	4,995	31,942	33.8	50.9
12/12/2023	8:00	963	330	19,800	4.1	55	775	1082	7,800	9,375	15,345,000	8,981	40,923	27.2	42.7
1/3/2024	7:30	1,463	500	30,000	4.1	56	775	1084	7,700	9,255	23,250,000	13,433	54,356	26.9	37.3
1/16/2024	12:30	1,756	293	17,580	4.2	57	781	1096	7,700	9,255	13,729,980	7,933	62,289	27.1	35.6
1/31/2024	8:27	2,109	353	21,162	4.4	59	764	1081	6,500	7,813	16,167,768	7,886	70,175	22.4	33.4
2/8/2024	8:40	2,300	191	11,478	5.0	68	725	1059	14,000	16,827	8,321,550	8,742	78,917	45.7	34.4
2/19/2024	14:43	2,568	268	16,080	5.1	69	729	1068	6,700	8,053	11,722,320	5,893	84,810	22.0	33.1
3/5/2024	SVE System Off due to Thermal Oxidizer Fault														
3/26/2024															
4/17/2024															
4/28/2024															
7/12/2024	7:52	2,633	65	3,888	3.5	48	777	1058	7,200	8,654	3,020,976	1,632	86,442	25.2	32.9
7/29/2024	12:30	3,041	408	24,480	3.7	51	754	1037	5,600	6,731	18,457,920	7,756	94,198	19.0	31.0
8/14/2024	7:47	3,331	290	17,400	4.2	57	753	1056	4,700	5,649	13,102,200	4,621	98,819	15.9	29.7
8/30/2024	9:30	3,609	278	16,692	4.6	62	727	1040	1,800	2,164	12,135,084	1,639	100,458	5.9	27.9
9/12/2024	7:06	3,941	332	19,920	4.8	65	739	1066	3,100	3,726	14,720,880	3,424	103,882	10.3	26.4
9/26/2024	12:41	4,254	313	18,780	5.4	74	508	757	5,200	6,250	9,540,240	3,722	107,605	11.9	25.3
10/8/2024	12:45	4,881	627	37,620	5.4	73	513	763	2,340	2,812	19,299,060	3,388	110,993	5.4	22.8
10/28/2024	8:00	5,346	465	27,900	5.0	68	535	781	4,600	5,529	14,926,500	5,152	116,145	11.1	21.7
11/11/2024	9:00	5,450	104	6,252	4.2	57	600	843	5,300	6,370	3,751,200	1,492	117,637	14.3	21.6
12/4/2024	10:00	5,639	189	11,328	4.3	58	576	811	2,600	3,125	6,524,928	1,273	118,910	6.7	21.1
12/18/2024	10:52	5,680	41	2,460	4.9	66	608	882	2,700	3,245	1,495,680	303	119,213	7.4	21.0
12/27/2024	11:30	5,845	165	9,900	4.8	65	583	842	6,490	7,800	5,771,700	2,811	122,023	17.0	20.9
1/2/2025	7:30	6,013	168	10,080	4.8	65	603	872	3,500	4,207	6,078,240	1,596	123,620	9.5	20.6
1/23/2025	13:20	6,358	345	20,700	5.3	72	584	866	7,200	8,654	12,088,800	6,531	130,151	18.9	20.5
7/30/2025	7:30	6,718	360	21,600	3.7	51	770	1057	2,500	3,005	16,632,000	3,120	133,271	8.7	19.9
8/18/2025	7:15	7,132	414	24,840	4.4	59	669	946	3,100	3,726	16,605,540	3,863	137,133	9.3	19.2
9/4/2025	12:53	7,542	410	24,600	5.0	68	567	828	4,300	5,168	13,948,200	4,500	141,634	11.0	18.8
9/18/2025	6:38	7,875	333	19,980	5.2	71	580	857	4,300	5,168	11,588,400	3,739	145,373	11.2	18.5
10/1/2025	10:25	8,187	312	18,720	4.8	65	574	829	2,600	3,125	10,735,920	2,095	147,467	6.7	18.0
11/5/2025	13:00	8,644	SVE System Off												
11/17/2025	8:26	8,766													
12/3/2025	11:10	8,766													
12/15/2025	10:20	8,766													
1/2/2026	10:34	8,766													
1/19/2026	6:40	8,766													
2/6/2026	12:00	8,867	101	6,060	4.5	61	767	1091	734	883	4,648,020	256	147,723	2.5	16.7
2/11/2026	8:03	8,983	116	6,960	4.4	60	773	1097	810	974	5,380,080	327	148,050	2.8	16.5

Former Y Station, Clovis New Mexico
Mass removal calculation (laboratory results)
System start date November 1, 2023
The sample point is the combined influent sample port. Air flow is measured by the SVE system.

Date	Time	Total Oxidizer Hours (hr)	Run Time (hr)	Run Time (min)	Combined Well Vacuum (in Hg)	Combined Well Vacuum (in H_2O)	Standard Combined Well Flow (scfm)	Actual Combined Well Flow (acfm)	Lab Results TPH GRO (µg/L)*	Lab Results TPH GRO at STP (µg/L)*	Total Well Flow (scf)	Mass Removed During Period (lb)	Cumulative Mass Removed (lb)	Mass Removal Rate (lb/hr)	Cumulative Mass Removal Rate (lbs/hr)
2/23/2026	7:58	9,270	287	17,220	4.6	63	756	1085	920	1,106	13,018,320	899	148,949	3.1	16.1

Notes

µg/L = micrograms per liter
lb= pounds
cfm = cubic feet per minute
acfm = actual cfm
scfm = standard cfm
scf = standard cubic feet
STP = standard temperature and pressure
half the detection limit is used

hr = hours
min = minutes
in H_2O = inches water column
psi = pounds per square inch
°F = degrees Fahrenheit
°R = degrees Rankine
ft msl = feet above mean sea level

Conversions

* micrograms per liter = milligrams per cubic meter.

454	gram / lb
1.00E+06	ug / gram
60	min / hr
28.317	liter / cubic foot
1000	liter / cubic meter
35.315	cubic feet / cubic meter
12	inches per foot water

Flow Conversions

12.5	absolute air pressure at 4280 ft msl, psi
12.2	absolute air pressure at 5000 ft msl, psi
14.7	absolute air pressure at 0 ft msl, psi
13.6	Inches water per inches Hg
2.31	feet of water (head) per psi
70	°F, standard temperature
70	°F, assumed lab temperature
460	°R

Former Y Station, Clovis New Mexico
Mass removal calculation (GW lab results)
System start date November 1, 2023
Raw water samples are collected prior to the oil-water separator

Date	Time	Effluent Totalizer (gal)	Effluent per period (gal)	Lab Results TPH GRO (mg/L)	Lab Results TPH DRO (mg/L)	Lab Results BTEX (mg/L)	Mass Removed During Period (lb)	Cumulative Mass Removed (lb)	Mass Removal Rate (lbs/day)	Cumulative Mass Removal Rate (lbs/day)	Cumulative Volume Removed (gal)
11/1/2023		0	System Started								
11/1/2023	13:56	3,300	3,300	3.8	NA	1.1	0.11	0	0.6	0.6	0.02
11/3/2023	15:08	42,000	38,700	6.9	NA	2.4	2.24	2	1.1	1.2	0.39
11/9/2023	8:30	133,800	91,800	6.1	2.4	2.9	6.50	9	1.1	1.1	1.47
11/16/2023	14:10	221,900	88,100	7.8	2.8	3.1	7.82	17	1.1	1.1	2.78
11/21/2023	15:08	300,900	79,000	7.0	1.1	2.7	5.36	22	1.1	1.1	3.67
11/27/2023	16:01	385,800	84,900	8.2	<1.0	3.6	5.83	28	1.0	1.1	4.64
12/12/2023	8:00	566,000	180,200	11	2.5	4.6	20.4	48	1.4	1.2	8.04
1/3/2024	7:30	780,000	214,000	5.3	2.3	1.8	13.63	62	0.6	1.0	10.31
1/16/2024	12:30	892,000	112,000	5.6	1.3	1.9	6.47	68	0.5	0.9	11.39
1/31/2024	8:27	1,024,824	132,824	4.1	<1.0	0.07	4.56	73	0.3	0.8	12.15
2/8/2024	8:40	1,083,365	58,541	4.2	1.6	1.5	2.84	76	0.4	0.8	12.62
2/19/2024	14:43	1,130,794	47,429	4.5	1.4	1.7	2.34	78	0.2	0.7	13.01
3/5/2024	15:10	1,225,700	94,906	0.35	<1.0	0.04	0.28	78	0.0	0.6	13.06
3/26/2024	8:00	1,313,500	87,800	0.71	<1.0	0.19	0.52	79	0.0	0.5	13.15
4/17/2024	14:10	1,439,700	126,200	2.0	<1.0	0.69	2.11	81	0.1	0.5	13.50
4/28/2024	7:30	1,488,845	49,145	3.2	1.1	1.1	1.77	83	0.2	0.5	13.80
7/12/2024	7:52	1,500,400	11,555	1.2	<1.0	0.41	0.12	83	0.0	0.3	13.81
7/29/2024	12:30	1,585,400	85,000	0.67	<1.0	0.04	0.48	83	0.0	0.3	13.89
8/14/2024	7:47	1,614,500	29,100	1.1	<1.0	0.15	0.27	84	0.0	0.3	13.94
8/26/2024	9:30	1,645,300	30,800	0.22	<1.0	<0.0225	0.06	84	0.0	0.3	13.95
9/12/2024	7:06	1,744,967	99,667	0.85	<1.0	0.15	0.71	84	0.0	0.3	14.07
9/26/2024	14:44	1,804,700	59,733	0.17	<1.0	0.01	0.085	84	0.0	0.3	14.08
10/8/2024	12:45	1,828,500	23,800	**0.025**	<1.0	<0.0045	0.005	84	0.0	0.2	14.08
10/28/2024	8:00	1,951,309	122,809	6.3	1.9	2.0	8.436	93	0.4	0.3	15.49
11/11/2024	9:00	2,057,200	105,891	8.4	3.6	2.8	10.645	104	0.8	0.3	17.26
12/4/2024	10:00	2,227,108	169,908	1.7	1.6	0.70	4.697	108	0.2	0.3	18.05
12/18/2024	10:52	2,337,139	110,031	3.0	<1.0	0.76	2.765	111	0.2	0.3	18.51
1/2/2025	7:30	2,450,991	113,852	3.8	<1.0	1.3	3.624	115	0.2	0.3	19.11

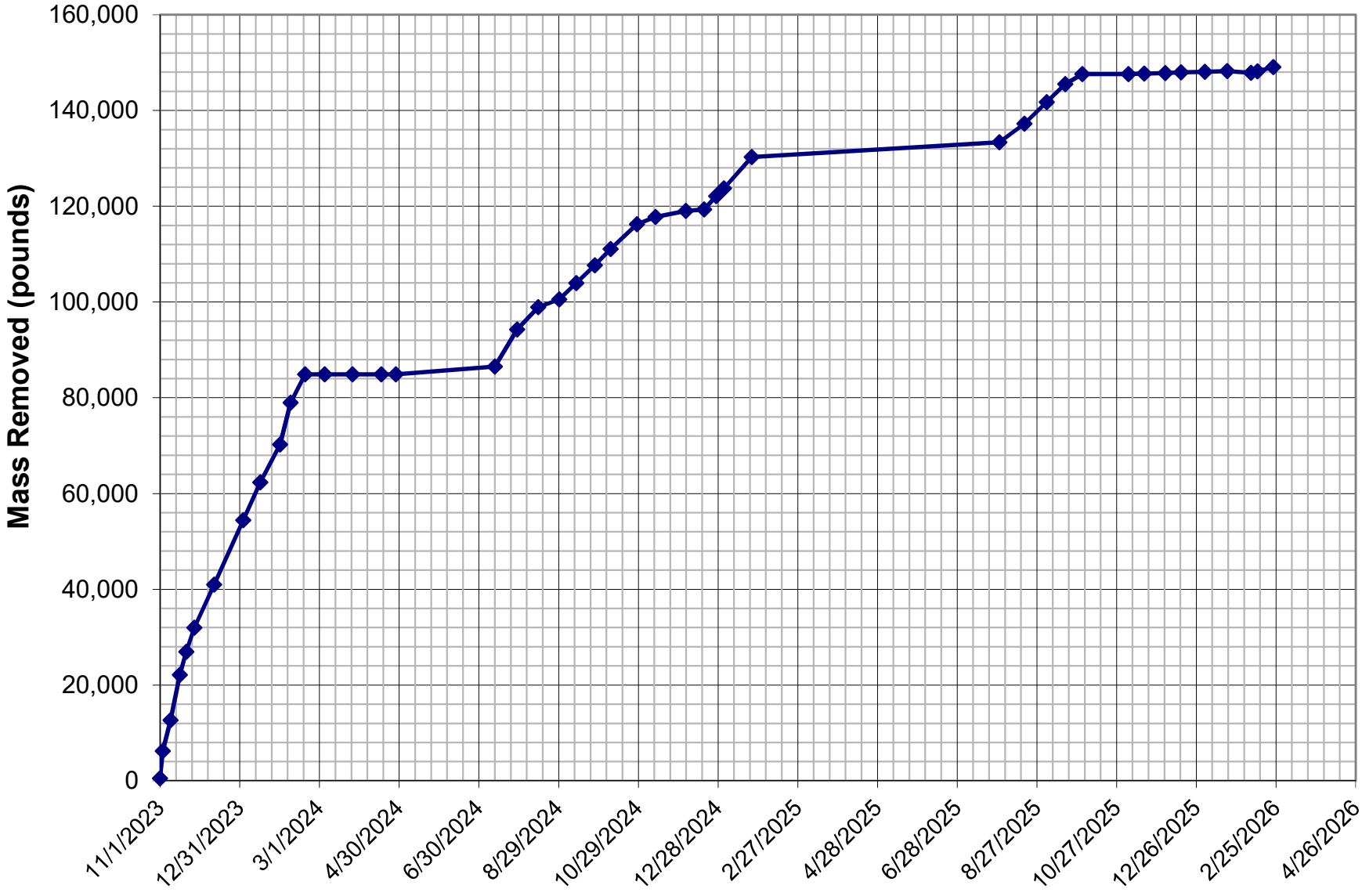
Former Y Station, Clovis New Mexico
Mass removal calculation (GW lab results)
System start date November 1, 2023
Raw water samples are collected prior to the oil-water separator

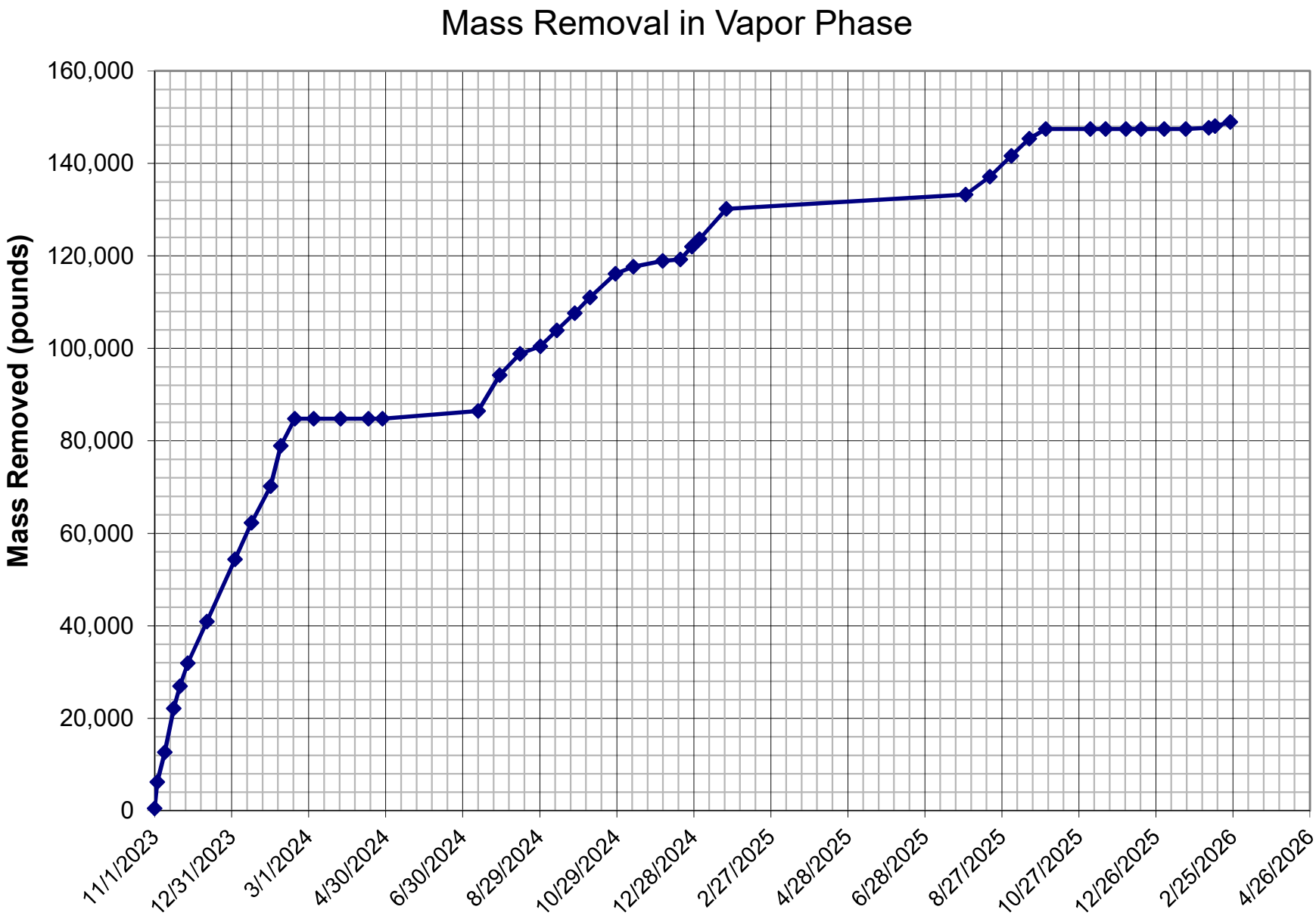
Date	Time	Effluent Totalizer (gal)	Effluent per period (gal)	Lab Results TPH GRO (mg/L)	Lab Results TPH DRO (mg/L)	Lab Results BTEX (mg/L)	Mass Removed During Period (lb)	Cumulative Mass Removed (lb)	Mass Removal Rate (lbs/day)	Cumulative Mass Removal Rate (lbs/day)	Cumulative Volume Removed (gal)
1/23/2025	13:20	2,531,471	80,480	3.2	0.7	1.0	2.609	117	0.1	0.3	19.54
8/18/2025	7:15	577,571	16,100	0.3	<1.0	0.02	0.038	117	0.0	0.2	19.55
9/4/2025	12:53	644,300	66,729	5.9	1.0	1.6	3.857	121	0.2	0.2	20.19
9/18/2025	6:38	645,100	800	2.4	2.7	0.54	0.034	121	0.0	0.2	20.20
10/1/2025	10:25	645,500	400	0.5	1.6	0.07	0.007	121	0.0	0.2	20.20
11/5/2025	13:00	656,500	11,000	0.68	<1.0	0.01	0.063	121	0.0	0.2	20.21
11/17/2025	8:26	726,143	69,643	0.33	1.2	0.06	0.893	122	0.1	0.2	20.36
12/3/2025	11:10	775,101	48,958	1.50	3.1	0.21	1.887	124	0.1	0.2	20.67
12/15/2025	10:20	789,493	132,993	2.0	2.0	0.44	4.457	129	0.1	0.2	21.42
1/2/2026	10:34	799,400	73,257	1.1	2.2	0.15	2.025	131	0.0	0.2	21.75
1/19/2026	6:40	811,400	36,299	0.6	1.5	0.09	0.639	131	0.0	0.2	21.86
2/11/2026	8:03	867,500	68,100	1.7	0.9	0.35	1.472	133	0.0	0.2	22.11
2/23/2026	7:58	946,900	135,500	1.2	1.5	0.24	3.065	136	0.1	0.2	22.62

Notes
mg/L = miligrams per liter
lb= pounds
NA= Not analyzed

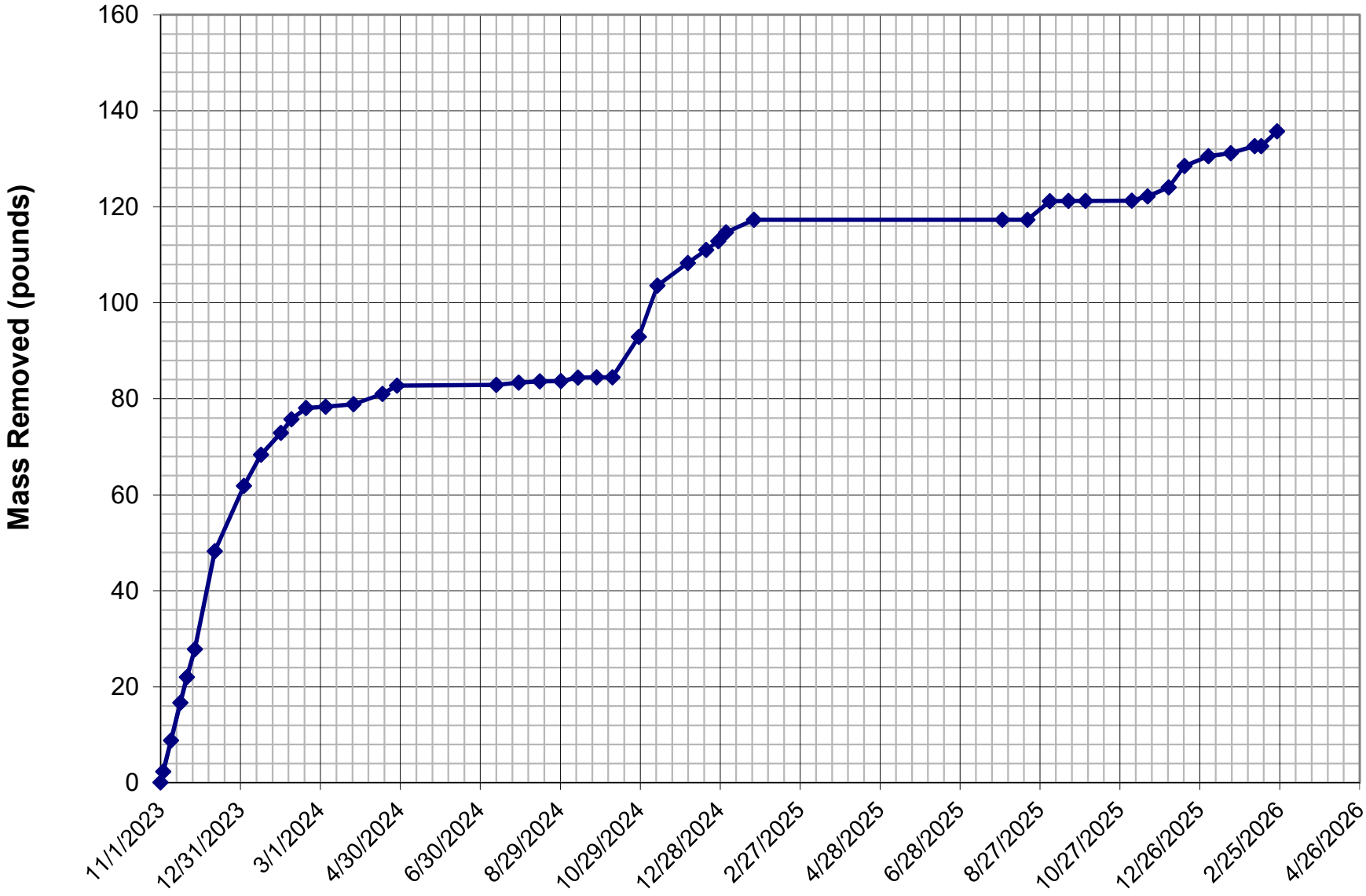
Conversions
2.20E-06 lb / mg
3.8 L / gallon
6 lb/ gallon (gasoline)

Mass Removal in Vapor and Groundwater Phases




Mass Removal in Vapor Phase
Mass Removed (pounds)
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
11/1/2023
12/31/2023
3/1/2024
4/30/2024
6/30/2024
8/29/2024
10/29/2024
12/28/2024
2/27/2025
4/28/2025
6/28/2025
8/27/2025
10/27/2025
12/26/2025
2/25/2026
4/26/2026

Mass Removal in Groundwater Phase



SVE System Emissions Summary
Based on Effluent Analytical Organic Chemistry Data for Soil Vapor
Former Y Station, Clovis, New Mexico

	Run Time	Benzene		Toluene		Ethylbenzene		Total Xylenes		TPH (GRO)	
Date	hr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
11/1/2023	4	0.675	2.958	0.720	3.155	0.068	0.296	0.212	0.927	29.26	128.2
11/3/2023	49	0.855	3.747	1.035	4.535	1.035	4.535	0.360	1.578	19.81	86.77
11/9/2023	138	0.445	1.950	1.531	6.705	0.131	0.576	0.567	2.485	12.16	53.24
11/16/2023	172	0.198	0.868	0.180	0.789	0.018	0.077	0.081	0.355	1.89	8.28
11/21/2023	117	0.108	0.473	0.068	0.296	0.005	0.024	0.018	0.081	0.72	3.16
11/27/2023	148	0.077	0.335	0.090	0.394	0.013	0.055	0.077	0.335	0.99	4.34
12/12/2023	330	0.037	0.164	0.023	0.099	0.002	0.007	0.005	0.024	0.25	1.08
1/3/2024	500	0.027	0.118	0.016	0.071	0.001	0.005	0.004	0.016	0.16	0.71
1/16/2024	293	0.031	0.134	0.028	0.124	0.002	0.009	0.009	0.039	0.33	1.46
1/31/2024	353	0.019	0.085	0.029	0.128	0.005	0.020	0.027	0.120	0.34	1.50
2/8/2024	191	0.017	0.073	0.042	0.185	0.009	0.039	0.054	0.237	0.50	2.17
2/19/2024	268	0.013	0.057	0.012	0.051	0.001	0.006	0.009	0.037	0.12	0.53
3/5/2024	SVE System Off										
3/26/2024											
4/17/2024											
4/28/2024											
7/12/2024	65	0.016	0.069	0.008	0.034	0.001	0.002	0.002	0.008	0.09	0.41
7/29/2024	408	0.015	0.067	0.009	0.039	0.001	0.003	0.003	0.011	0.09	0.41
8/14/2024	290	0.011	0.049	0.014	0.059	0.002	0.008	0.010	0.045	0.17	0.75
8/30/2024	278	0.005	0.022	0.006	0.028	0.001	0.005	0.006	0.028	0.09	0.37
9/12/2024	332	0.001	0.006	0.003	0.012	0.001	0.003	0.005	0.020	0.05	0.22
9/26/2024	313	0.002	0.008	0.002	0.009	0.001	0.003	0.004	0.019	0.04	0.16
10/8/2024	627	0.003	0.011	0.026	0.114	0.003	0.013	0.011	0.047	0.29	1.26
10/28/2024	465	0.002	0.011	0.023	0.103	0.006	0.028	0.036	0.160	0.24	1.06
11/11/2024	104	0.001	0.004	0.001	0.004	0.000	0.001	0.002	0.010	0.02	0.09
12/4/2024	189	0.001	0.006	0.009	0.037	0.003	0.012	0.015	0.067	0.10	0.43
12/18/2024	41	0.001	0.003	0.004	0.018	0.000	0.001	0.001	0.003	0.06	0.26
12/27/2024	165	0.002	0.008	0.008	0.034	0.003	0.012	0.017	0.073	0.13	0.55
1/2/2025	168	0.002	0.008	0.008	0.034	0.003	0.012	0.017	0.073	0.13	0.55
1/23/2025	345	0.001	0.003	0.000	0.001	0.000	0.001	0.000	0.002	0.01	0.05

SVE System Emissions Summary
Based on Effluent Analytical Organic Chemistry Data for Soil Vapor
Former Y Station, Clovis, New Mexico

Date	Run Time	Benzene		Toluene		Ethylbenzene		Total Xylenes		TPH (GRO)	
	hr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
7/30/2025	360	0.005	0.020	0.003	0.012	0.000	0.001	0.001	0.003	0.03	0.13
8/18/2025	414	0.001	0.005	0.000	0.002	0.000	0.000	0.000	0.002	0.03	0.11
9/4/2025	410	0.001	0.005	0.007	0.030	0.002	0.009	0.011	0.049	0.13	0.57
9/18/2025	333	0.002	0.007	0.011	0.047	0.003	0.014	0.020	0.087	0.17	0.73
10/1/2025	312	0.002	0.009	0.040	0.174	0.012	0.053	0.068	0.296	0.86	3.75
11/5/2025	SVE System Off										
11/17/2025											
12/3/2025											
12/15/2025											
1/2/2026											
1/19/2026											
2/6/2026	101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
2/11/2026	116	0.002	0.008	0.028	0.124	0.009	0.041	0.044	0.191	1.22	5.32
2/23/2026	287	0.003	0.015	0.054	0.237	0.015	0.067	0.086	0.375	2.16	9.47
Run time weighted average:		0.027	0.118	0.051	0.224	0.011	0.050	0.030	0.129	0.63	2.77
Total period average [a]:			0.001		0.012		0.004		0.019		0.50

TPH = Total petroleum hydrocarbons
GRO = Gasoline range organics
Italic = Laboratory result below reporting limit - emissions value calculated using half of the laboratory reporting limit
hr = hour
lb/hr = Pounds per hour
ton/yr = Tons per year

[a] Total period = 1/3/2024 to 12/31/24 (calendar year)

Notes: 1. NMED Air Quality Bureau Notice of Intent to Discharge required for any regulated air contaminant greater than 10 ton/yr. Permitting is based on emissions for a calendar year from start up.
2. System discharge air flow rate of 1,000 scfm used as a conservative estimate, including combustion blower air.

SVE Systems Operation Data

See Tables Section of this Report

Summary of Analytical Organic Chemistry Data for Soil Vapor

See Tables Section of this Report

Fifth Edition

Fundamentals of Fluid Mechanics

BRUCE R. MUNSON
DONALD F. YOUNG
Department of Aerospace Engineering and Engineering Mechanics
THEODORE H. OKIISHI
Department of Mechanical Engineering
Iowa State University
Ames, Iowa, USA



John Wiley & Sons, Inc.

Appendix C
Properties of the U.S. Standard Atmosphere

■ **TABLE C.1**
Properties of the U.S. Standard Atmosphere (BG Units)[a]

Altitude (ft)	Temperature (°F)	Acceleration of Gravity, g (ft/s^2)	Pressure, p [lb/in.^{2}(abs)]	Density, ρ (slugs/ft^3)	Dynamic Viscosity, μ (lb·s/ft^2)
−5,000	76.84	32.189	17.554	2.745 E − 3	3.836 E − 7
0	59.00	32.174	14.696	2.377 E − 3	3.737 E − 7
5,000	41.17	32.159	12.228	2.048 E − 3	3.637 E − 7
10,000	23.36	32.143	10.108	1.756 E − 3	3.534 E − 7
15,000	5.55	32.128	8.297	1.496 E − 3	3.430 E − 7
20,000	−12.26	32.112	6.759	1.267 E − 3	3.324 E − 7
25,000	−30.05	32.097	5.461	1.066 E − 3	3.217 E − 7
30,000	−47.83	32.082	4.373	8.907 E − 4	3.107 E − 7
35,000	−65.61	32.066	3.468	7.382 E − 4	2.995 E − 7
40,000	−69.70	32.051	2.730	5.873 E − 4	2.969 E − 7
45,000	−69.70	32.036	2.149	4.623 E − 4	2.969 E − 7
50,000	−69.70	32.020	1.692	3.639 E − 4	2.969 E − 7
60,000	−69.70	31.990	1.049	2.256 E − 4	2.969 E − 7
70,000	−67.42	31.959	0.651	1.392 E − 4	2.984 E − 7
80,000	−61.98	31.929	0.406	8.571 E − 5	3.018 E − 7
90,000	−56.54	31.897	0.255	5.610 E − 5	3.052 E − 7
100,000	−51.10	31.868	0.162	3.318 E − 5	3.087 E − 7
150,000	19.40	31.717	0.020	3.658 E − 6	3.511 E − 7
200,000	−19.78	31.566	0.003	5.328 E − 7	3.279 E − 7
250,000	−88.77	31.415	0.000	6.458 E − 8	2.846 E − 7

[a]Data abridged from *U.S. Standard Atmosphere*, 1976, U.S. Government Printing Office, Washington, D.C.

linear interpolation
7,000 → 11.38 psi

Conversion unmasked

What is the relationship between µg/L and ppmv?

By Yue Rong, Ph.D. and Samuel C.T. Yu, D. Env

Soil vapor samples are often analyzed to monitor variation of contaminant concentration and evaluate the effect of vapor extraction. Soil vapor sample results can be reported in either micrograms per liter (µg/L) or parts per million by volume (ppmv). What is the relationship between these two units of vapor concentration?

Basic laws:

A. Definition: One mole of a substance is its formula weight in grams, i.e., MW •n = g (equation one)

B. Ideal Gas Law: p•V = n•R•T (equation two)

Yue Rong, Ph.D., is environmental specialist with the California Regional Water Quality Control Board, Los Angeles Region, and Samuel Yu, D. Env., is project engineer in the Safety and Environmental Protection Office of the Hong Kong University of Science and Technology, Hong Kong.

Where: MW is molecular weight (gram per mold), n is numbers of mole, g is gram, P is total gas pressure (atmosphere unit, or atm), V is volume in liters, R is the gas constant (Liter • atm/°K • mole), and T is gas temperature (°K)
(°K = °C + 273.15).

By definition, ppmv = µV/V = µL/L.

We are looking for relationship between mass (g) and volume (L). Substitute equation two into one for n:

g = MW • (P•V / R•T) (equation three)

Given R = 0.08205 L • atm/°K • mole, T = 293.15°K (@ 20°C), P = 1 atm, equation three becomes:

g = MW • V • [P/(R•T)] = MW • V • [1 / (0.08205 x 293.15)]

= MW • V / 24.05 (equation four)

Check units in equation four:

g = (g/mole) • L • [atm/ ((L •atm/°K • mole) • K°)]

VOC	MW	Conversion Factor (MW/24.05)
GASOLINE	100	4.16
Benzene	78	3.2
Carbon tetrachloride	154	6.4
Chloroform	120	5.0
Dichlorobenzene	147	6.1
Dichlorodifluoromethane (Freon 12)	120	5.0
Dichloroethane (DCA) (all isomers)	99	4.1
Dichloroethylene (DCE) (all isomers)	97	4.0
Methylene chloride	85	3.5
Tetrachloroethylene (PCE)	166	6.9
Trichloroethane (TCA) (all isomers)	134	5.6
Trichloroethylene (TCE)	132	5.5
Trichlorofluoromethane (Freon 11)	137	5.7
Trichlorotrifluoroethane (Freon 113)	186	7.7
Vinyl chloride	63	2.6

Figure 1

Notice V is in liters (L), equation four can be expressed as:

g = (MW/24.05) • L ppmv = ug/L / 4.16 gasoline

µg = (MW/24.05 • µL

µg/L = (MW/24.05) •µL/L

i.e., µg/L = (MW/24.05) • ppmv (equation five)

Let X = concentration in ppmv and Y = concentration in µg/L, and equation five becomes:

Y (µg/L) = (MW/24.05) • X (ppmv) (equation six)

ppb

Equation six converts soil vapor concentration from ppmv to µg/L, or vice versa. In order to use this equation, it is necessary to know molecular weight of a particular compound. Figure one, above, shows the conversion factor of (MW/24.05) in equation six for some common VOCs. For example, if vapor concentration is measured in 100 ppmv for PCE, then PCE concentration is also equal to 6.9 x 100 = 690 ug/L.

MEMORANDUM

TO: Gundar Peterson, PE

FROM Tom Golden, Kelly Isaacson

DATE. January 29, 2010

SUBJECT: Rotameter flow measurement

In response to Katherine MacNeil's email, we researched the apparent discrepancy between standard cubic feet per minute (SCFM) measurements given by a rotameter and the SCFM calculated by AcuVac in their soil vapor extraction (SVE) pilot test reports. The results of our research are summarized below

Definition of variables
ACFM actual cubic feet per minute (cfm) at a given temperature, pressure (elevation), and operating conditions
CFM_{meter}: cubic feet per minute (cfm) measured by a rotameter In the documentation provided, this is also called observed cfm and indicated scfm.
SCFM: equivalent flow in cubic feet per minute (cfm) at STP
STP: standard temperature and pressure, 70°F and 14 7 psi.
ρ density of a fluid, given in mass per unit volume

Problem statement
In the AMEC calculation provided regarding cfm measured with a rotameter, the author reports that the correct reporting unit from a rotameter calibrated for STP is SCFM. The AcuVac documentation refers to the flow rate measured with a rotameter as ACFM and converts this value to SCFM in the field. Does the value measured on the rotameter by AcuVac need to be converted to SCFM?

Solution
The need for the definition of three different types of CFM arises from the difference in calibration versus operation temperature and pressure conditions.

An analysis of the free body diagram of the float in a rotameter is given by Wellin[1], which shows that Q is dependent on the area of flow and density of air:

$$Q = K \cdot \frac{A}{\sqrt{\rho}} \qquad (1)$$

When a rotameter is calibrated at STP, $\sqrt{\rho}$ is absorbed into the value of K, because ρ (air) is defined. When the density of the air is changed (i.e. elevation of the rotameter is changed), the

calibrated rotameter no longer yields flow rate in SCFM, but instead what we will call CFM_{meter}.

The Dwyer technical documentation[2] for the VFC series rotameter used by AcuVac acknowledges this fact in the third paragraph under "Operation", which states,

"the flowmeter is calibrated to operate at a specific set of conditions, and deviation from those standard conditions will require correction for the calibration to be valid. In practice, the reading taken from the flowmeter scale must be corrected back to standard conditions to be used with the scale units. The correct location to measure the actual pressure and temperature is at the exit of the flowmeter, except under vacuum applications where they should be measured at the flowmeter inlet."

The conversion given to convert CFM_{meter} to SCFM[1,2] is a non linear relationship:

$$Q(SFCM) = CFM_{meter} \sqrt{\frac{P_{actual}}{P_{calibration}} \cdot \frac{T_{calibration}}{T_{actual}}} \qquad (2)$$

It can be noted that the calibration temperature and pressure are generally STP; however, calibration information should be provided by the flowmeter manufacturer

The relationship between SCFM and ACFM is linear:

$$ACFM = SCFM \ \frac{P_{standard}}{P_{actual}} \cdot \frac{T_{actual}}{T_{standard}} \qquad (3)$$

For completeness, the relationship between ACFM and CFM_{meter} is given by

$$ACFM = CFM_{meter} \sqrt{\frac{P_{standard}}{P_{actual}} \ \frac{T_{actual}}{T_{standard}}} \qquad (4)$$

Supporting documentation

Two Dwyer specification sheets for rotameters[2] (including the VFC Series Visi-Float used by AcuVac) are attached, which include the calculation of SCFM from the meter reading. This calculation is also discussed in Wellin[1]

The correct conversion from SCFM to ACFM is included in the documentation with the AMEC calculation (page 3 of 4 from King Correction Formulae & Sizing)[3], as well as in Wellin[1].

Implications

The primary problem here is one of terminology, although there are implications if formulas in either the AcuVac or AMEC documents were used to back-calculate ACFM/SCFM values. Although it may not be intuitive, ACFM is not the value read straight from the meter, rather the

calculated actual volumetric flow rate through the meter.

Page 2 of the AMEC calculation gives an equation to calculate ACFM. This non-linear equation is the correct way to calculate ACFM from CFM_{meter}. It is not the correct way to calculate SCFM from ACFM or vice versa.

For most SVE applications in New Mexico (i.e. 3000-7000 feet elevation, air temperature of 50-70°F), the value of CFM_{meter} falls between the ACFM and SCFM, such that ACFM > CFM_{meter} > SCFM.

In the design equation given in the AMEC calculation

$$Q = kA(gh)^{0.5} \qquad (5)$$

the fluid density, ρ(air), is included in the calibration coefficient, *k*, a fact which is not acknowledged by the AMEC calculation. While the equation is valid for the calibration conditions, the flow rate read from the meter must be corrected as indicated above in equation 2 to reflect the correct SCFM.

Conclusions

In the problem statement of the AMEC calculation regarding CFM used in SVE systems, the correct answer to the question "What is the correct reporting unit directly read off the scale; SCFM, ACFM, or other?" is "other", and in this discussion is termed CFM_{meter}.

Additionally, AcuVac is correct in converting the CFM value read on the flowmeter to SCFM to adjust for changes in temperature and pressure, with the non-linear relationship given above, although what they call ACFM in their sample calculation is actually CFM_{meter}.

In summary, both the SCFM value in the AMEC calculation[4] and the ACFM value in the AcuVac report[5] refer to the value measured at the flowmeter, CFM_{meter}, therefore, both equations provided are true, but do not represent the actual relationship between true SCFM and ACFM.

Alnor® HVAC Handbook

A Practical Guide to Performance Measurements in Mechanical Heating, Ventilating and Air Conditioning Systems



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Appendix G—Density Correction

Velocity is generally expressed in one of two ways. actual (true) velocity or standard velocity. Actual velocity is the average speed at which the molecules are traveling. Standard velocity is referenced to standard conditions (using a reference of 70°F [21 1°C] and 29 92 in. Hg [101.4 kPa]) and is equal to the actual velocity of the air only when the air is at standard density The Alnor calibration facilities adjust the actual velocity so that the same number of molecules per unit time are passing over the probe, as if the density were standard density This makes the instruments display standard velocity

As a practical matter, many users do not concern themselves with standard versus actual air velocity corrections unless the density of air in their application is more than 10 percent different from standard air density

Density Correction for Thermo-Anemometers

Thermo-anemometer sensors measure mass air flow velocity which is a measurement of the air mass moving past the sensor and is displayed as standard velocity. Air mass is what gives air its heat holding capacity. Since thermal anemometers measure air mass and display it as standard velocity, many people doing measurements on indoor air are more concerned with standard air velocity

Standard readings can be converted to actual air velocity to compensate for temperature and barometric pressures. Actual or standard measurements will give the same readings at standard conditions (using a reference of 70°F [21 1°C] and 29.92 in. Hg [101.4 kPa]), but not if pressure or temperature stray from standard conditions.

To calculate actual air velocity, multiply the standard velocity reading indicated by the thermo-anemometer by the following density correction factor:

Actual Velocity = (Standard Velocity) $[(460 + T) / (460 + 70)] \times 29\ 92 / P_m$

or

Actual Velocity = (Standard Velocity) $[(273 + T_m) / (273 + 21\ 1)] \times 101.4 / P$

Where:

- T = Ambient temperature in degrees Fahrenheit
- P_m = Ambient pressure in inches of Hg.
- T_m = Ambient temperature in degrees Centigrade
- P = Ambient pressure in kPa

Density Correction for Pressure Based Manometers or Deflecting Vane Anemometers

Manometers and deflecting vane anemometers read a nominal velocity that is neither standard nor actual, but a combination of both. This is the velocity read by any Pitot tube and pressure device that does not perform a density correction.

When Bernoulli's equation is applied to the Pitot-static probe, the resultant equation has the form $fpm = 4005\sqrt{\Delta P\,(in.\,H_2O)}$ $\left(m/s = 1.29\sqrt{\Delta P\,(Pa)}\right)$ when the density of the air is 0.075 lb/ft^2 (0.366 kgs/m^3). The velocity values displayed by the pressure instrument are the actual velocities *only* if the density where the Pitot probe measurements are being taken is 0.075 lb/ft^2 (0.366 kgs/m^3). Otherwise, a correction step must be performed to obtain a correct value.

Nominal velocity is a velocity reading that is between actual and standard velocity. It is a good estimation of the actual or standard velocity Nominal measurements are made using a pitot tube.

Actual velocity is the velocity at which a molecule would be traveling in the air stream.

Standard velocity is the velocity as if the measurement was taken with a thermal anemometer at standard temperature and barometric pressure.

Appendix F

Replacement Inventory

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Replacement and Repair Inventory

Groundwater Extraction Well	Work Completed								Work to be completed as of March 4, 2026
	Air Release Valve	Flex Hose & Check Valve	Flow Meter	Flow Meter Magnet Switch	Gate Valve	Pressure Gauge	Pump	Transducer	Transducer
RW-1	X		X				X	X	
RW-2	X			X				X	
RW-3	X			X			X	X	
RW-4	X					X			
BW-7R	X	X							
MW-11	X						X	X	
MW-12	X			X	X			X	
MW-13	X						X		X
MW-16	X			X			X		

Appendix G

Sampling Protocol

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Appendix G. Sampling Protocol

Fluid Level and Parameter Measurements

Prior to collection of groundwater samples, a Solinst interface probe or equivalent device will be used to determine depths to water and nonaqueous-phase liquid (NAPL), if present. Water level data will be used to construct a site potentiometric surface map. A YSI 556 Multi-Probe System (MPS) water quality meter or equivalent device will be used to measure specific conductivity, pH, temperature, dissolved oxygen (DO), and oxidation/reduction potential (ORP). Field parameters are measured one time during sample collection via HydraSleeve or via sample port at the wellhead.

Groundwater Monitor Well Sampling

Samples from remediation wells equipped with pumps are sampled using the sample tap at the wellhead while the remediation pump is running. All other wells are sampled using dedicated, disposable HydraSleeves with dedicated tethers and weights. HydraSleeves are installed in wells and are removed after 24 hours. To minimize volatilization and ensure sample integrity, the sample bag is pierced with a straw to transfer groundwater samples from the bailers to the appropriate sample containers.

Samples analyzed for volatile organic analytes (VOAs) will be collected in 40-milliliter (mL) glass vials containing hydrochloric acid preservative and capped with Teflon septa caps. Samples analyzed for 1,2-dibromoethane (EDB) are collected in two 40-milliliter (mL) glass vials containing sodium thiosulfate preservative and capped with Teflon septa caps. VOA containers will be filled in a manner that prevents headspace in the vials.

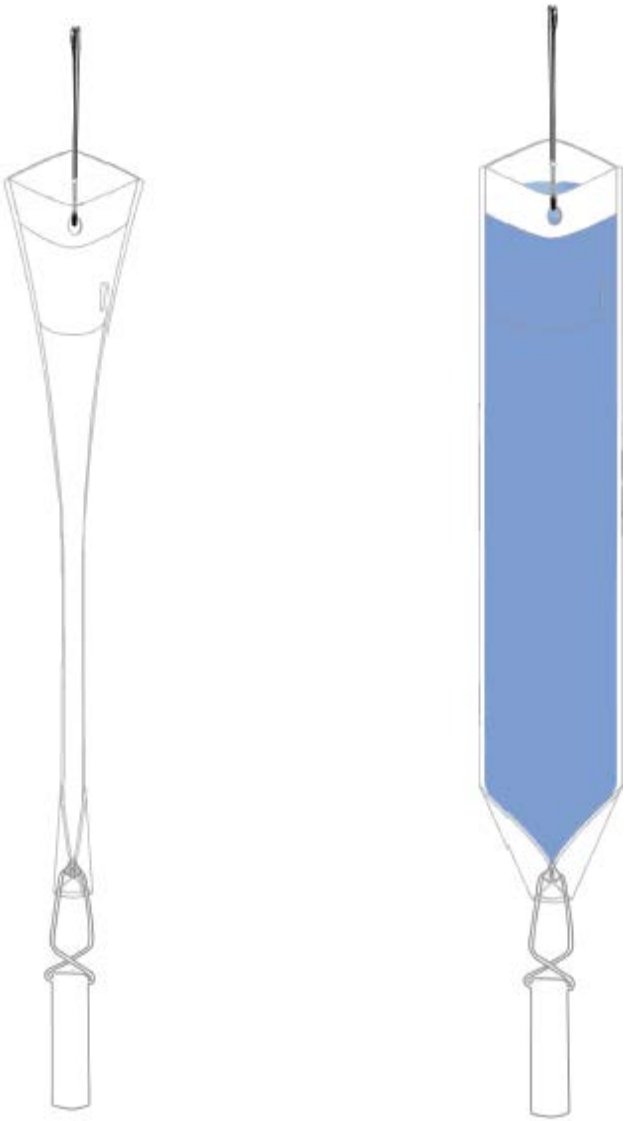
Immediately after collection, the sample containers will be placed on ice in an insulated cooler for delivery to the laboratory for analyses. Groundwater samples will be accompanied by full chain of custody documentation at all times.

HYDRASleeve™

Simple by Design

US Patent No. 6,481,300; No. 6,837,120; No. 9,726,013; others pending

Standard Operating Procedure: Sampling Groundwater with a HydraSleeve



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This guide should be used in addition to field manuals and instructions appropriate to the chosen sampling device (i.e., HydraSleeve, SpeedBag or Super/Skinny Sleeve and W3 HybridSleeve).

Find the appropriate field manual and instructions on the HydraSleeve website at http://www.hydrasleeve.com.

For more information about the HydraSleeve, or if you have questions, contact:
GeoInsight, P.O. Box 1266, Mesilla Park, NM 88047
800-996-2225, info@hydrasleeve.com.

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Introduction

The HydraSleeve is classified as a no-purge (passive) grab sampling device, meaning that it is used to collect groundwater samples directly from the screened interval of a well without having to purge the well prior to sample collection. When it is used as described in this Standard Operating Procedure (SOP), the HydraSleeve causes no drawdown in the well (until the sample is withdrawn from the water column) and only minimal disturbance of the water column, because it has a very thin cross section and it displaces very little water (<100 ml) during deployment in the well. The HydraSleeve collects a sample from within the screen only. It excludes water from any other part of the water column in the well through the use of a self-sealing check valve at the top of the sampler. It is a single-use (disposable) sampler that is not intended for reuse, so there are no decontamination requirements for the sampler itself.

The use of no-purge sampling as a means of collecting representative groundwater samples depends on the natural movement of groundwater (under ambient hydraulic head) from the formation adjacent to the well screen through the screen. Robin and Gillham (1987) demonstrated the existence of a dynamic equilibrium between the water in a formation and the water in a well screen installed in that formation, which results in formation-quality water being available in the well screen for sampling at all times. No-purge sampling devices like the HydraSleeve collect this formation-quality water as the sample, under undisturbed (non-pumping) natural flow conditions. Samples collected in this manner generally provide more conservative (i.e., higher concentration) values than samples collected using well-volume purging, and values equivalent to samples collected using low-flow purging and sampling (Parsons, 2005).

Applications of the HydraSleeve

The HydraSleeve can be used to collect representative samples of groundwater for all analytes (volatile organic compounds [VOCs], semi-volatile organic compounds [SVOCs], common metals, trace metals, major cations and anions, dissolved gases, total dissolved solids, radionuclides, pesticides, PCBs, explosive compounds, and all other analytical parameters). Designs are available to collect samples from wells from 1” inside diameter and larger. The HydraSleeve can collect samples from wells of any yield, but it is especially well-suited to collecting samples from low-yield wells, where other sampling methods can’t be used reliably because their use results in dewatering of the well screen and alteration of sample chemistry (McAlary and Barker, 1987).

The HydraSleeve can collect samples from wells of any depth, and it can be used for single-event sampling or long-term groundwater monitoring programs. Because of its thin cross section and flexible construction, it can be used in narrow, constricted or damaged wells where rigid sampling devices may not fit. Using multiple HydraSleeves deployed in series along a single suspension line or tether, it is also possible to conduct in-well vertical profiling in wells in which contaminant concentrations are thought to be stratified.

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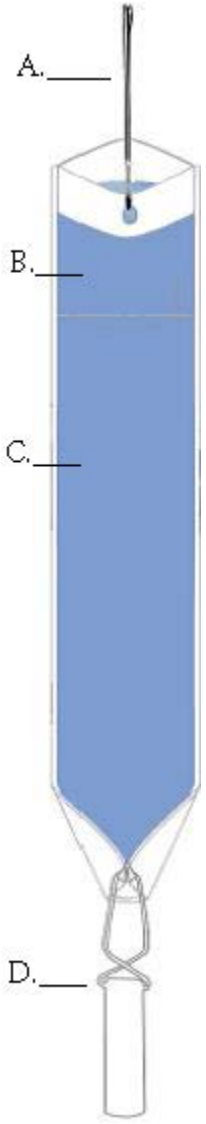
As with all groundwater sampling devices, HydraSleeves should not be used to collect groundwater samples from wells in which separate (non-aqueous) phase hydrocarbons (i.e., gasoline, diesel fuel or jet fuel) are present because of the possibility of incorporating some of the separate-phase hydrocarbon into the sample.

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Description of the HydraSleeve

The basic HydraSleeve (Figure 1) consists of the following components*:

- A suspension line or tether (A.), attached to the spring clip or directly to the top of the sleeve to deploy the device into and recover the device from the well. Tethers with depth indicators marked in 1-foot intervals are available from the manufacturer.
- A long, flexible, 4-mil thick lay-flat polyethylene sample sleeve (C.) sealed at the bottom (this is the sample chamber), which comes in different sizes, as discussed below with a self-sealing reed-type flexible polyethylene check valve built into the top of the sleeve (B.) to prevent water from entering or exiting the sampler except during sample acquisition.
- A reusable stainless-steel weight with clip (D.), which is attached to the bottom of the sleeve to carry it down the well to its intended depth in the water column. Bottom weights available from the manufacturer are 0.75" OD and are available in a variety of sizes. An optional top weight may be attached to the top of the HydraSleeve to carry it to depth and to compress it at the bottom of the well (not shown in Figure 1);
- A discharge tube that is used to puncture the HydraSleeve after it is recovered from the well so the sample can be decanted into sample bottles (not shown).
- Just above the self-sealing check valve at the top of the sleeve are two holes which provide attachment points for the spring clip and/or suspension line or tether. At the bottom of the sample sleeve are two holes which provide attachment points for the weight clip and weight.



*Other configurations such as top weighted assemblies, Super/SkinnySleeves, Speedbags, and W3 Hybrids are available.

Note: The sample sleeve and the discharge tube are designed for one-time use and are disposable. The spring clip, weight and weight clip may be reused after thorough cleaning. Suspension cord is generally disposed after one use although, if it is dedicated to the well, it may be reused at the discretion of the sampling personnel.

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Selecting the HydraSleeve Size to Meet Site-Specific Sampling Objectives

It is important to understand that each HydraSleeve is able to collect a finite volume of sample because, after the HydraSleeve is deployed, you only get one chance to collect an undisturbed sample. Thus, the volume of sample required to meet your site-specific sampling and analytical requirements will dictate the size of HydraSleeve you need to meet these requirements.

Table 1. Dimensions and Volumes of HydraSleeve Models.

Diameter	Volume	Length	Lay-Flat Width	Filled Dia.
2-Inch HydraSleeves				
Standard 600 mls HydraSleeve	~600mls	30”	2.5”	1.4”
Standard 1-liter HydraSleeve	~1 Liter	38”	3”	1.9”
Super/SkinnySleeve 1-liter	~1 Liter	38”	2.5"	1.5”*
Super/SkinnySleeve 1.5-liter	~1.5 Liters	52”	2.5”	1.5”*
Super/SkinnySleeve 2-liter	*~2 Liters*	*66"*	*2.5"*	*1.5"**
4-Inch HydraSleeves				
Standard 2.5 liter	~2 Liters	38”	4”	2.7”

* outside diameter on the Heavy Duty Universal Super/SkinnySleeves is 1.5" however when using with schedule 40 hardware the O.D. of the assembly will be 1.9"

It's also recommended that you size the diameter of the HydraSleeve according to the diameter of the well (i.e. use 2-inch HydraSleeves in 2-inch wells). Using smaller sleeves in larger diameter wells (i.e. 2-inch HydraSleeves in 4-inch wells) will result in a longer fill rate and will require special retrieval instructions (explained later).

The volume of sample collected by the HydraSleeve varies with the diameter and length of the HydraSleeve. Dimensions and volumes of available HydraSleeve models are detailed in Table 1.

HydraSleeves can be custom-fabricated by GeoInsight in varying diameters and lengths to meet specific volume requirements. HydraSleeves can also be deployed in series (i.e., multiple HydraSleeves attached to one tether) to collect additional sample to meet specific volume requirements, as described below.

If you have questions regarding the availability of sufficient volume of sample to satisfy laboratory requirements for analysis, it is recommended that you contact the laboratory to discuss the minimum volumes needed for each suite of analytes. Laboratories often require only 10% to 25% of the volume they specify to complete analysis for specific suites of analytes, so they can often work with much smaller sample volumes that can easily be supplied using a HydraSleeve.

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HydraSleeve Deployment

Information Required Before Deploying a HydraSleeve

Before installing a HydraSleeve in any well, you will need to know the following:

- The inside diameter of the well
- The length of the well screen
- The water level in the well
- The position of the well screen in the well
- The total depth of the well

The inside diameter of the well is used to determine the appropriate HydraSleeve diameter for use in the well. The other information is used to determine the proper placement of the HydraSleeve in the well to collect a representative sample from the screen (see HydraSleeve Placement, below), and to determine the appropriate length of tether to attach to the HydraSleeve to deploy it at the appropriate position in the well.

Most of this information (with the exception of the water level) should be available from the well log; if not, it will have to be collected by some other means. The inside diameter of the well can be measured at the top of the well casing, and the total depth of the well can be measured by sounding the bottom of the well with a weighted tape. The position and length of the well screen may have to be determined using a down-hole camera if a well log is not available. The water level in the well can be measured using any commonly available water-level gauge.

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HydraSleeve Placement

The HydraSleeve is designed to collect a sample directly from the well screen. It fills by pulling it up through the screen a distance equivalent to the length of the sampler when correctly sized to the well diameter. This upward motion causes the top check valve to open, which allows the device to fill. To optimize sample recovery, it is recommended that the HydraSleeve be placed in the well so that the bottom weight rests on the bottom of the well and the top of the HydraSleeve is as close to the bottom of the well screen as possible. This should allow the sampler to fill before the top of the device reaches the top of the screen as it is pulled up through the water column, and ensure that only water from the screen is collected as the sample. In short-screen wells, or wells with a short water column, it may be necessary to use a top-weight on the HydraSleeve to compress it in the bottom of the well so that, when it is recovered, it has room to fill before it reaches the top of the screen.

Example

2" ID PVC well, 50' total depth, 10' screen at the bottom of the well, with water level above the screen (the entire screen contains water).

Correct Placement (figure 2): Using a standard HydraSleeve for a 2" well (2.5" flat width/1.5" filled OD x 30" long, 600 ml volume), deploy the sampler so the weight (a 5 oz., 2.5" long weight with a 2" long clip) rests at the bottom of the well. The top of the sleeve is thus set at ~34" above the bottom of the well. When the sampler is recovered, it will be pulled upward approximately 30" before it is filled; therefore, it is full (and the top check valve closes) at approximately 64" (5.3 feet) above the bottom of the well, which is well before the sampler reaches the top of the screen. In this example, only water from the screen is collected as a sample.

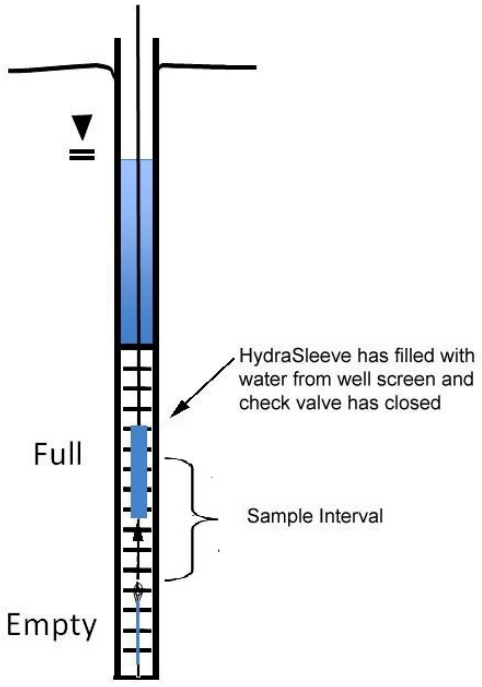


Figure 2. Correct Placement of HydraSleeve.

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Incorrect Placement (figure 3): If the well screen in this example was only 5' long, and the HydraSleeve was placed as above, it would not fill before the top of the device reached the top of the well screen, so the sample would include water from above the screen, which may not have the same chemistry.

The solution? Deploy the HydraSleeve with a top weight, so that it is collapsed to within 6" of the bottom of the well. When the HydraSleeve is recovered, it will fill within 36" (3 feet) from the bottom of the well, or 2-feet before the sampler reaches the top of the screen, so it collects only water from the screen as the sample.

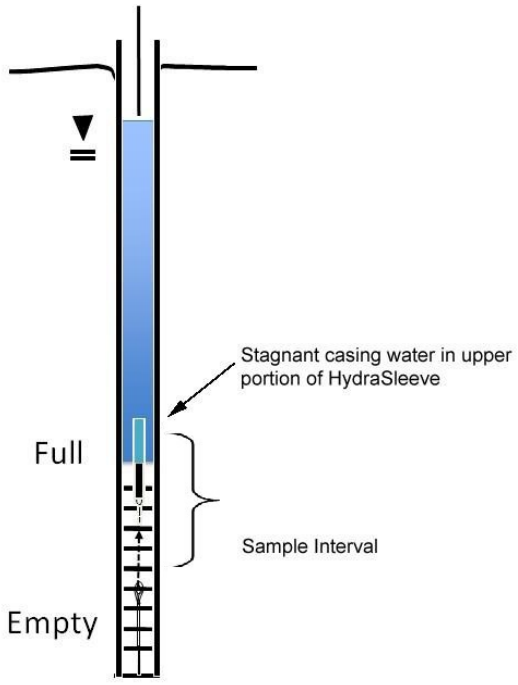


Figure 3. Incorrect placement of HydraSleeve.

This example illustrates one of many types of HydraSleeve placements. More complex placements are discussed in a later section.

NOTE: Using smaller diameter HydraSleeves (2-inch) in larger diameter wells (4-inch) causes a slower fill rate. Special retrieval methods are necessary if this is your set up (shown later in this document).

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Procedures for Sampling with the HydraSleeve

Collecting a groundwater sample with a HydraSleeve is usually a simple one-person operation.

Note: Before deploying the HydraSleeve in the well, collect the depth-to-water measurement that you will use to determine the preferred position of the HydraSleeve in the well. This measurement may also be used with measurements from other wells to create a groundwater contour map. If necessary, also measure the depth to the bottom of the well to verify actual well depth to confirm your decision on placement of the HydraSleeve in the water column.

Measure the correct amount of tether needed to suspend the HydraSleeve in the well so that the weight will rest on the bottom of the well (or at your preferred position in the well). Make sure to account for the need to leave a few feet of tether at the top of the well to allow recovery of the sleeve.

Note: Always wear sterile gloves when handling and discharging the HydraSleeve.

I. Assembling the Basic HydraSleeve*

1. Remove the HydraSleeve from its packaging, unfold it, and hold it by its top.
2. Crimp the top of the HydraSleeve by folding the hard polyethylene reinforcing strips at the holes.
3. Attach the spring clip to the holes to ensure that the top will remain open until the sampler is retrieved.
4. Attach the tether to the spring clip by tying a knot in the tether.

Note: Alternatively, if spring clips are not being utilized, attach the tether to one (NOT both) of the holes at the top of the Hydrasleeve by tying a knot in the tether.

5. Fold the flaps with the two holes at the bottom of the HydraSleeve together to align the holes and slide the weight clip through the holes.
6. Attach a weight to the bottom of the weight clip to ensure that the HydraSleeve will descend to the bottom of the well.

*See Super/SkinnySleeve assembly manual and HydraSleeve Field Manual for other assembly instructions.

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II. Deploying the HydraSleeve

1. Using the tether, carefully lower the HydraSleeve to the bottom of the well, or to your preferred depth in the water column

   During installation, hydrostatic pressure in the water column will keep the self-sealing check valve at the top of the HydraSleeve closed, and ensure that it retains its flat, empty profile for an indefinite period prior to recovery.

Note: Make sure that it is not pulled upward at any time during its descent. If the HydraSleeve is pulled upward at a rate greater than 0.5'/second at any time prior to recovery, the top check valve will open and water will enter the HydraSleeve prematurely.

2. Secure the tether at the top of the well by placing the well cap on the top of the well casing and over the tether.

Note: Alternatively, you can tie the tether to a hook on the bottom of the well cap (you will need to leave a few inches of slack in the line to avoid pulling the sampler up as the cap is removed at the next sampling event).

III. Equilibrating the Well

The equilibration time is the time it takes for conditions in the water column (primarily flow dynamics and contaminant distribution) to restabilize after vertical mixing occurs (caused by installation of a sampling device in the well).

- Situation: The HydraSleeve is deployed for the first time or for only one time in a well

  The basic HydraSleeve is very thin in cross section and displaces very little water (<100 ml) during deployment so, unlike most other sampling devices, it does not disturb the water column to the point at which long equilibration times are necessary to ensure recovery of a representative sample.

  In some cases, like when useing the SpeedBags, the HydraSleeve can be recovered immediately (with no equilibration time) or within a few hours. In regulatory jurisdictions that impose specific requirements for equilibration times prior to recovery of no-purge sampling devices, these requirements should be followed.

  NOTE: If using top weights additional equilibration time is needed to allow the top weight time to compress the HydraSleeve into the bottom of the well.

- Situation: The HydraSleeve is being deployed for recovery during a future sampling event.

  In periodic (i.e., quarterly, semi-annual, or annual) sampling programs, the sampler for the current sampling event can be recovered and a new sampler (for the next sampling event) deployed immediately thereafter, so the new sampler remains in the well until the next sampling event.

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Thus, a long equilibration time is ensured and, at the next sampling event, the sampler can be recovered immediately. This means that separate mobilizations, to deploy and then to recover the sampler, are not required. HydraSleeves can be left in a well for an indefinite period of time without concern.

IV. HydraSleeve Recovery and Sample Collection

1. Hold on to the tether while removing the well cap.
2. Secure the tether at the top of the well while maintaining tension on the tether (but without pulling the tether upwards)
3. Measure the water level in the well.
4. Use one of the following 3 retrieval methods. In all 3 scenarios, when the HydraSleeve is full, the top check valve will close. You should begin to feel the weight of the HydraSleeve on the tether and it will begin to displace water. The closed check valve prevents loss of sample and entry of water from zones above the well screen as the HydraSleeve is recovered.

   a. In one smooth motion, pull the tether up 30”-60" (the length of the sampler) at a rate of about 1 foot per second (or faster). The motion will open the top check valve and allow the HydraSleeve to fill (it should fill in about 1:1 ratio or the length of the HydraSleeve if the sleeve is sized to fit the well). This is analogous to coring the water column in the well from the bottom up.

   b. There are times it is recommended that the HydraSleeve be oscillated in the screen zone to ensure it is full before leaving the screen area. Pull up 1-3 feet, let the sleeve assembly drop back down and repeat 3-5 times before pulling the sleeve to the surface. The collection zone will be the oscillation zone. ***When in doubt use this retrieval method.***

   c. SpeedBags require check valve activation and oscillation during recovery: When retrieving the SpeedBag, pull up hard 1-2 feet to open the check valve; let the assembly drop back down to the starting point; REPEAT THIS PROCESS 4 TIMES; and then quickly recover the SpeedBag through the well sceen to the surface.

5. Continue pulling the tether upward until the HydraSleeve is at the top of the well.
6. Discard the small volume of water trapped in the Hydrasleeve above the check valve by pinching it off at the top under the stiffeners (above the check valve).

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v. Sample Discharge

NOTE: Sample collection should be done immediately after the HydraSleeve has been brought to the surface to preserve sample integrity.

Be sure you have discarded the water sitting above the check valve – see step #6 above.

1. Remove the discharge tube from its sleeve.
2. Hold the HydraSleeve at the check valve
3. Puncture the HydraSleeve at least 3-4 inches below the reinforcement strips with the pointed end of the discharge tube. NOTE: For some contaminants (VOC's/sinkers) the best location for discharge is the middle to bottom of the sampler. This would be representative of the deeper portion of the well screen.
4. Discharge water from the HydraSleeve into your sample containers. Control the discharge from the HydraSleeve by either raising the bottom of the sleeve, by squeezing it like a tube of toothpaste, or both.
5. Continue filling sample containers until all are full.

Measurement of Field Indicator Parameters

Field indicator parameter measurement is generally done during well purging and sampling to confirm when parameters are stable and sampling can begin. Because no-purge sampling does not require purging, field indicator parameter measurement is not necessary for the purpose of confirming when purging is complete.

If field indicator parameter measurement is required to meet a specific non-purging regulatory requirement, it can be done by taking measurements from water within a HydraSleeve that is not used for collecting a sample to submit for laboratory analysis (i.e., a second HydraSleeve installed in conjunction with the primary sample collection HydraSleeve [see Multiple Sampler Deployment below]).

Alternate Deployment Strategies

Deployment in Wells with Limited Water Columns

For wells in which only a limited water column needs to be sampled, the HydraSleeve can be deployed with an optional top weight in addition to a bottom weight. The top weight will collapse the HydraSleeve to a very short (approximately 6" to 24") length, depending on the length and volume of the sampler. This allows the HydraSleeve to fill in a water column only 3' to 10' in height (again) depending on the sampler size. Note the SuperSleeves accomplish the same thing but provide greater sample volume at a lower per sample cost.

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Multiple Sampler Deployment

Multiple sampler deployment in a single well screen can accomplish two purposes:

1. It can collect additional sample volume to satisfy site or laboratory-specific sample volume requirements.
2. It can be used to collect samples from multiple intervals in the screen to allow identification of possible contaminant stratification.

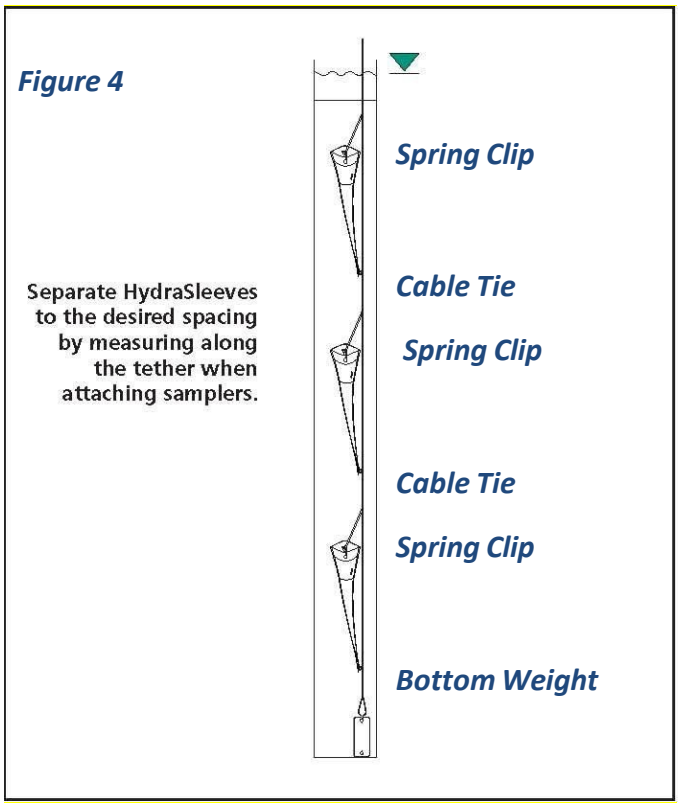


Figure 5. Multiple HydraSleeve deployment

If there is a need for only 2 samplers, they can be installed as follows. The first sampler can be attached to the tether as described above, a second attached to the bottom of the first using your desired length of tether between the two and the weight attached to the bottom of the second sampler (figure 6). This method can only be used with 2 samplers; 3 or more HydraSleeves in tandem need to be attached as described above.

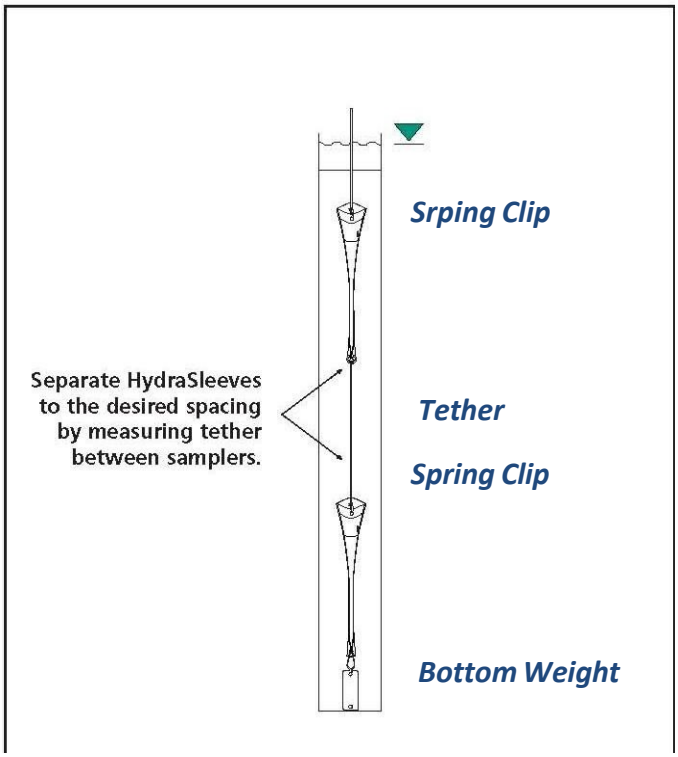


Figure 5. Alternative method for deploying multiple HydraSleeves.

In either case, when attaching multiple HydraSleeves in series, more weight will be required to hold the samplers in place in the well than would be required with a single sampler. Recovery of multiple samplers and collection of samples is done in the same manner as for single sampler deployments.

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Post-Sampling Activities

The recovered HydraSleeve and the sample discharge tubing should be disposed as per the solid waste management plan for the site. To prepare for the next sampling event, a new HydraSleeve can be deployed in the well (as described previously) and left in the well until the next sampling event, at which time it can be recovered.

The weight and weight clip can be reused on this sampler after they have been thoroughly cleaned as per the site equipment decontamination plan. The tether may be dedicated to the well and reused or discarded at the discretion of sampling personnel.

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References

McAlary, T. A. and J. F. Barker, 1987, Volatilization Losses of Organics During groundwater Sampling From Low-Permeability Materials, groundwater Monitoring Review, Vol. 7, No. 4, pp. 63-68

Parsons, 2005, Results Report for the Demonstration of No-Purge groundwater Sampling Devices at Former McClellan Air Force Base, California; Contract F44650-99-D-0005, Delivery Order DKO1, U.S. Army Corps of Engineers (Omaha District), U.S. Air Force Center for Environmental Excellence, and U.S. Air Force Real Property Agency

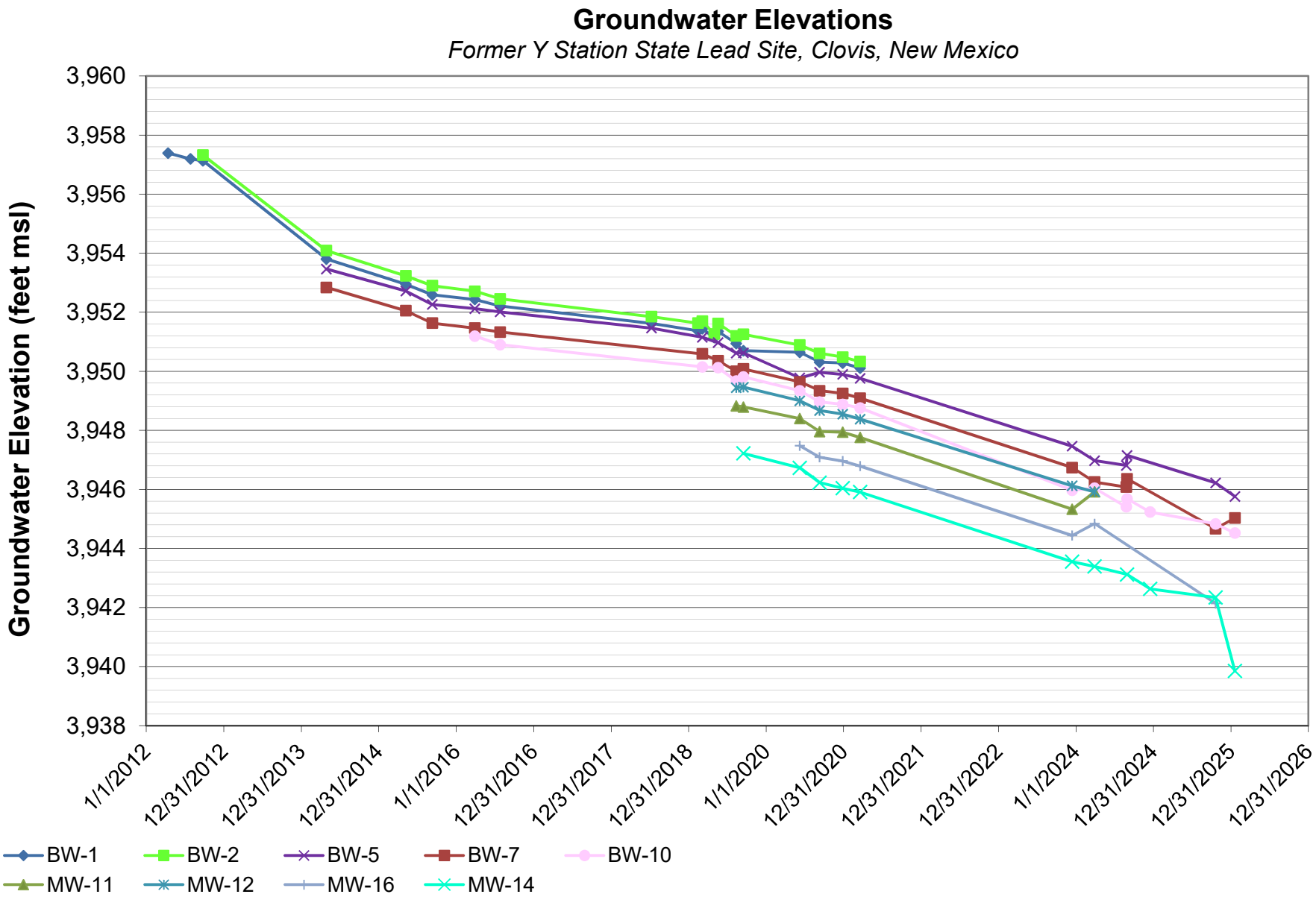
Robin, M. J. L. and R. W. Gillham, 1987, Field Evaluation of Well Purging Procedures, groundwater Monitoring Review, Vol. 7, No. 4, pp. 85-93

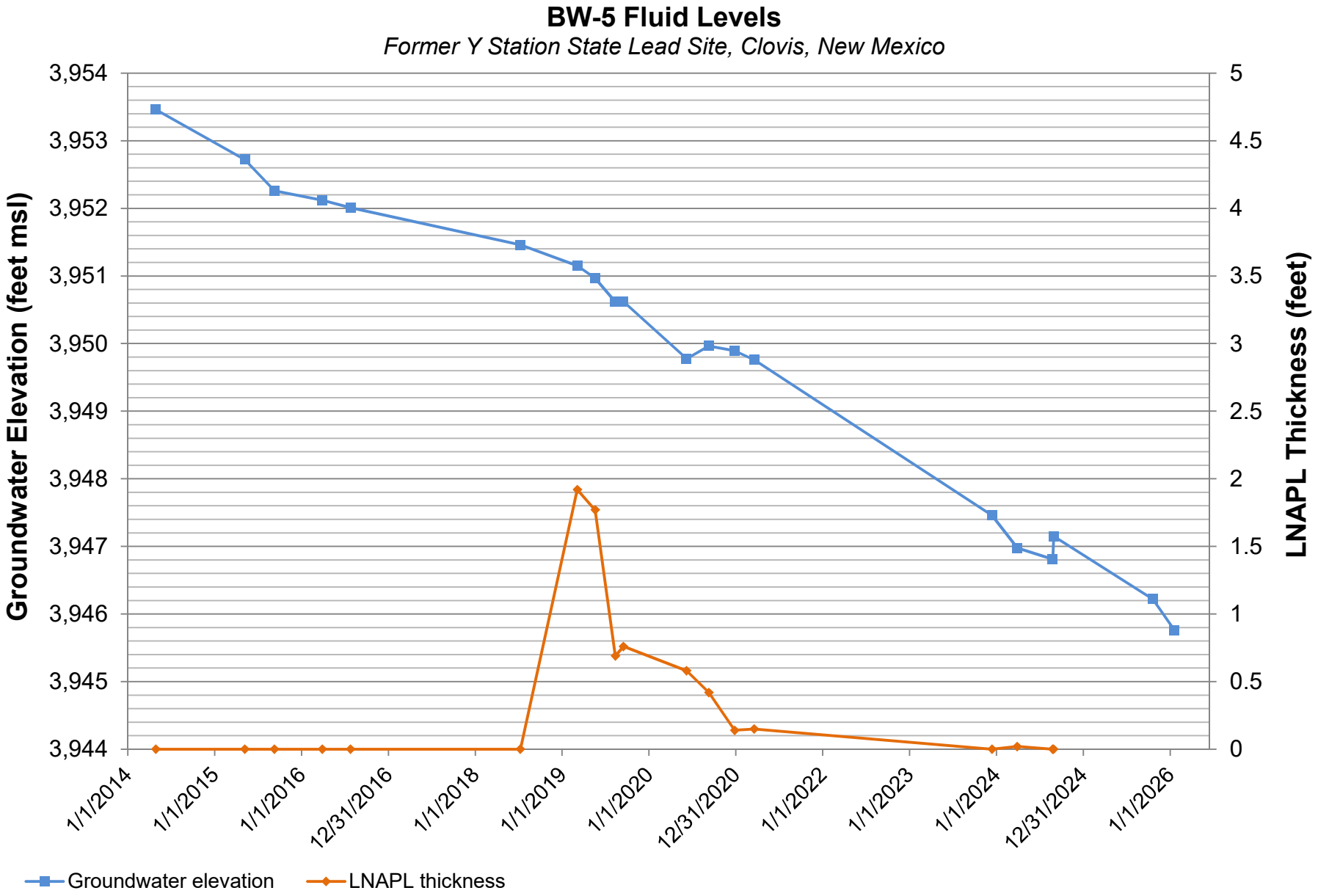
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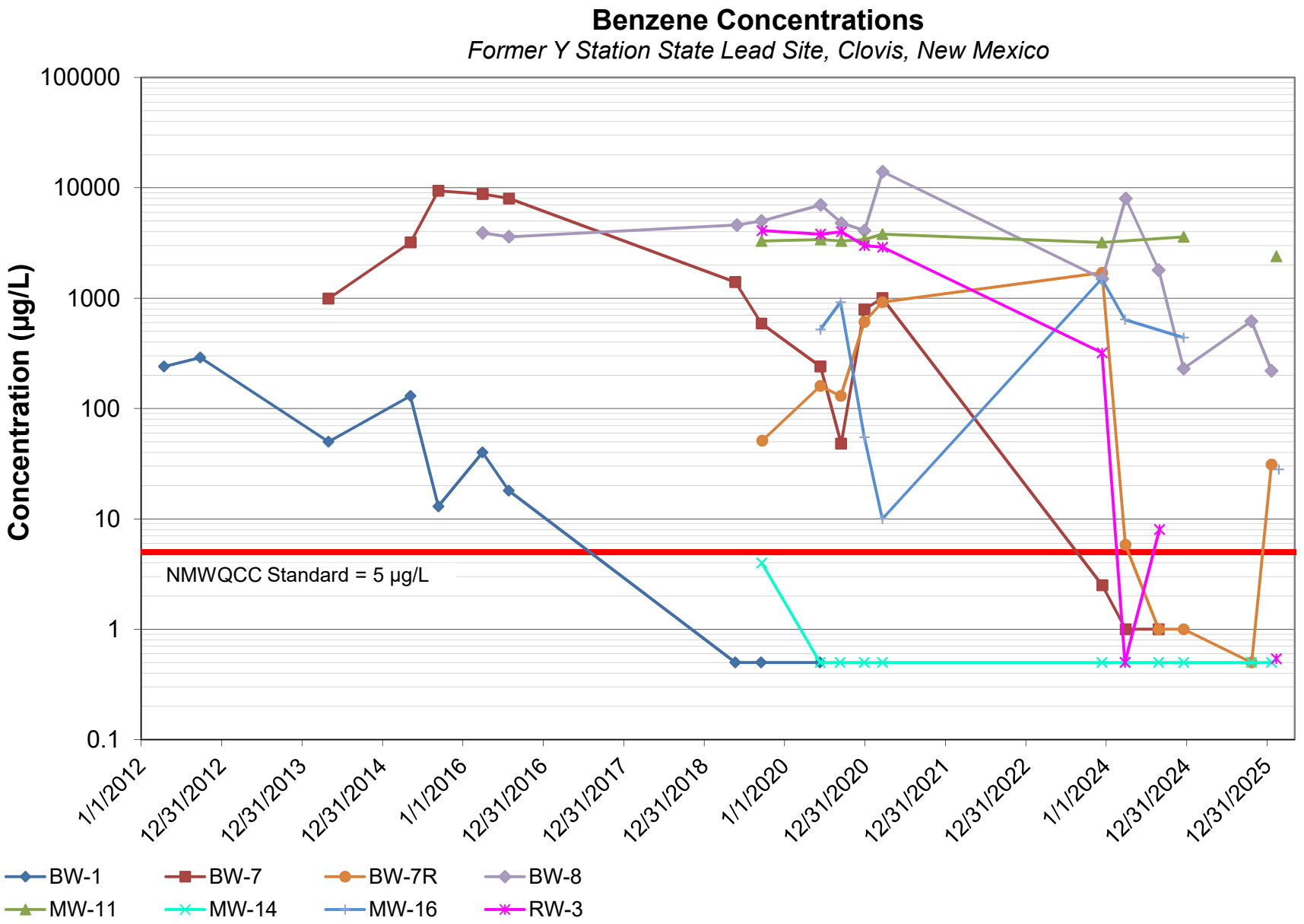
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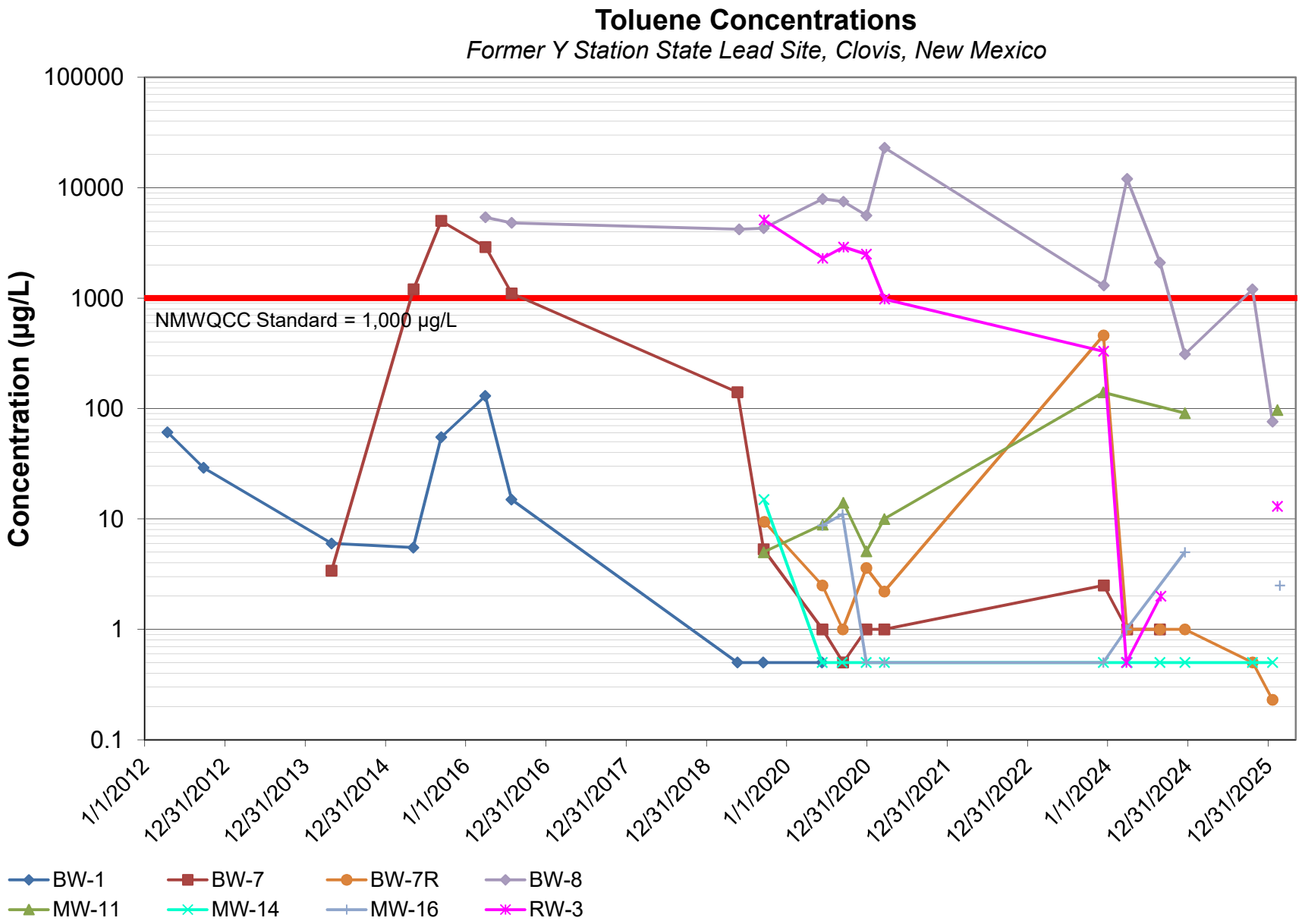
Graphs

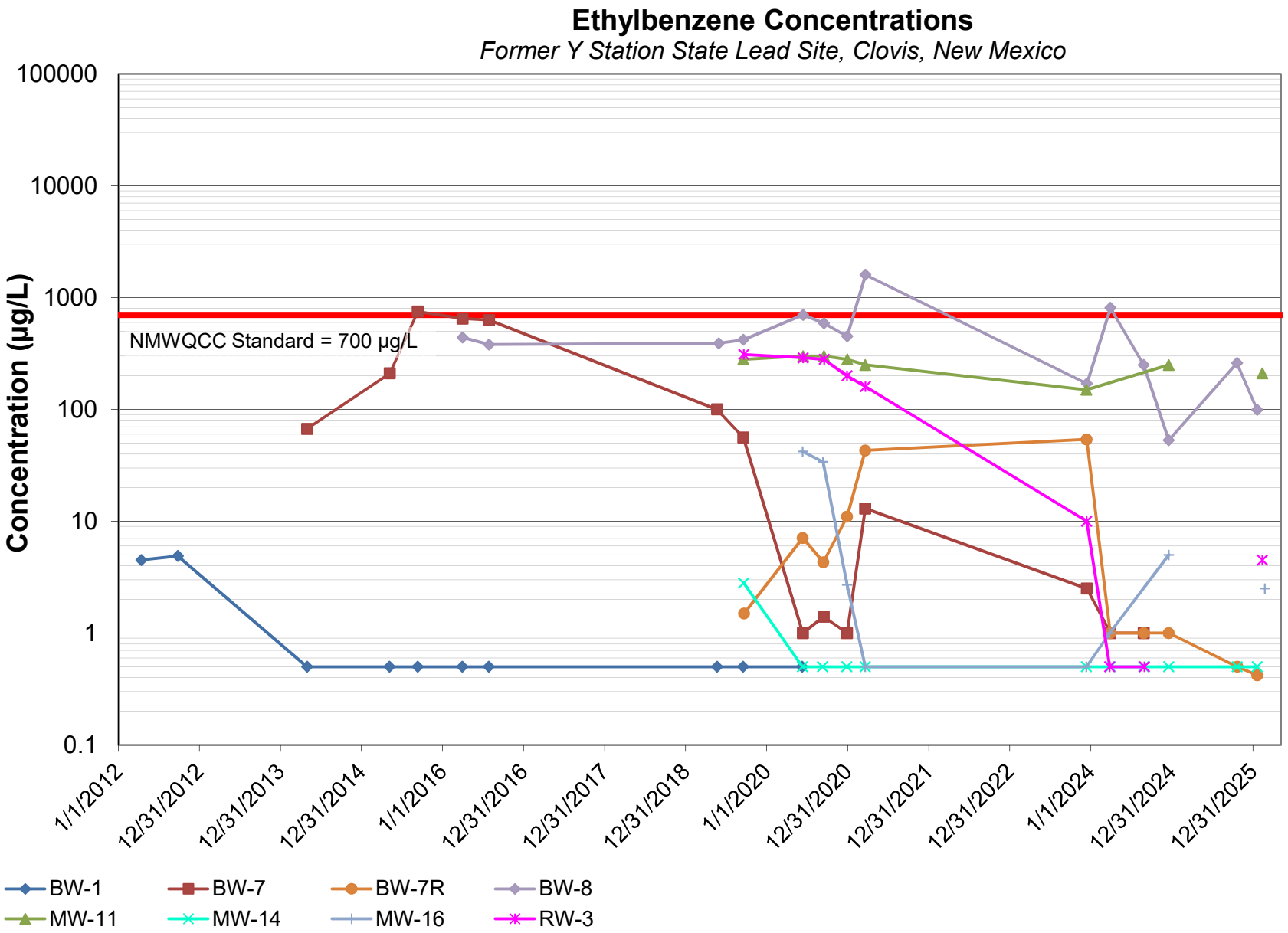
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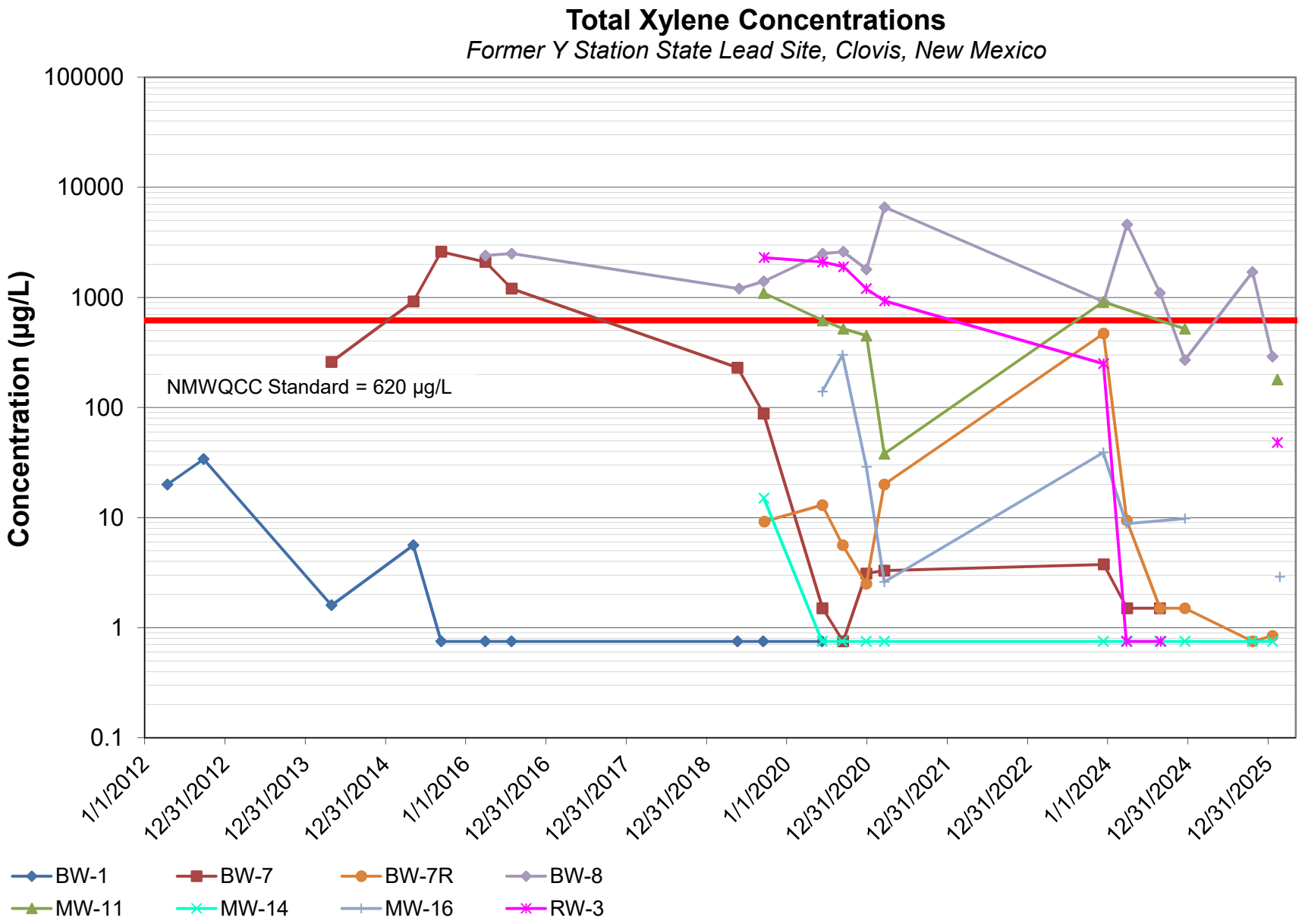

Groundwater Elevations
Former Y Station State Lead Site, Clovis, New Mexico
Groundwater Elevation (feet msl)
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3,958
3,956
3,954
3,952
3,950
3,948
3,946
3,944
3,942
3,940
3,938
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12/31/2014
1/1/2016
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12/31/2018
1/1/2020
12/31/2020
12/31/2021
12/31/2022
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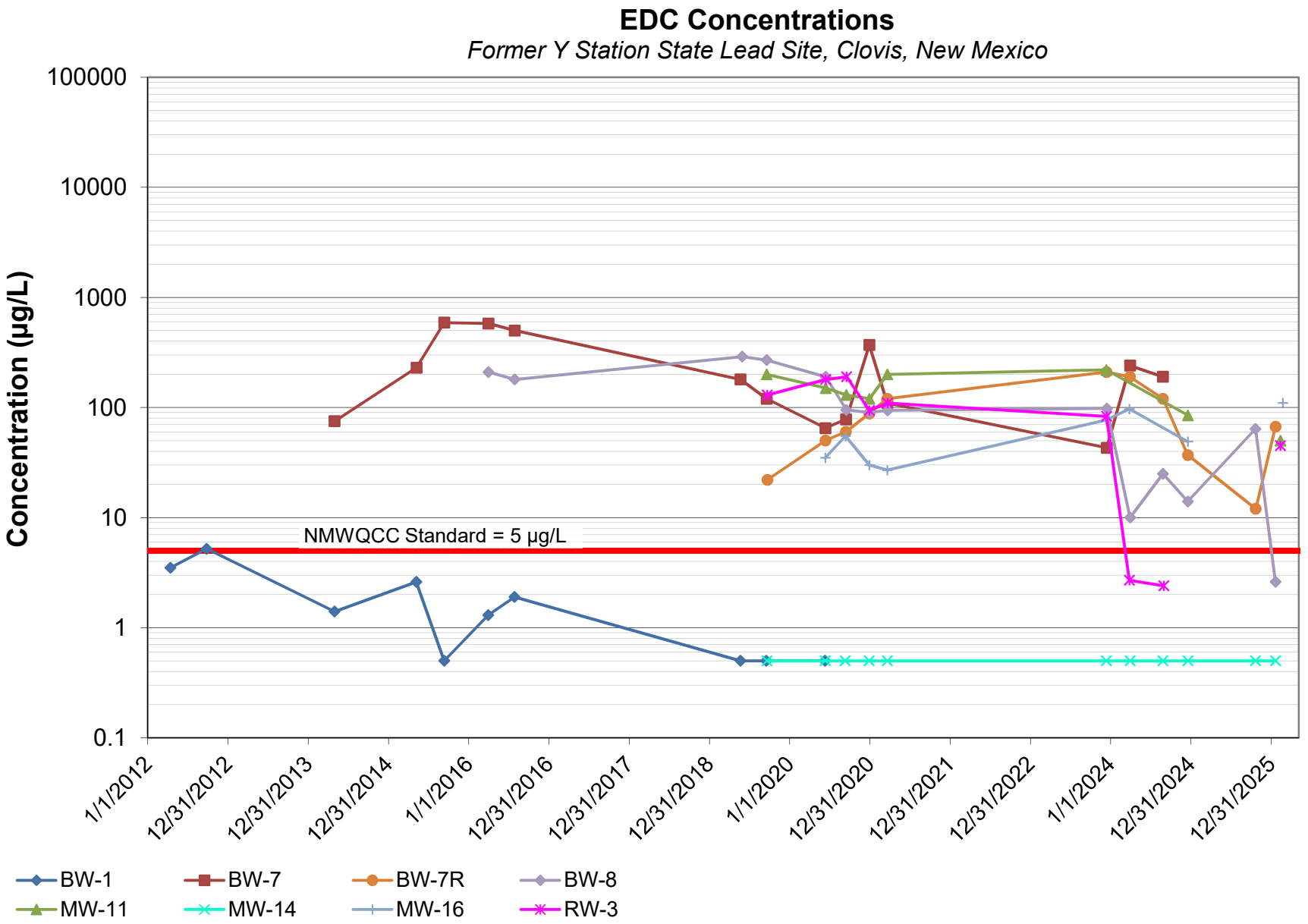

BW-5 Fluid Levels
Former Y Station State Lead Site, Clovis, New Mexico
Groundwater Elevation (feet msl)
LNAPL Thickness (feet)
3,954
3,953
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3,951
3,950
3,949
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3,947
3,946
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4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
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1/1/2019
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Groundwater elevation
LNAPL thickness

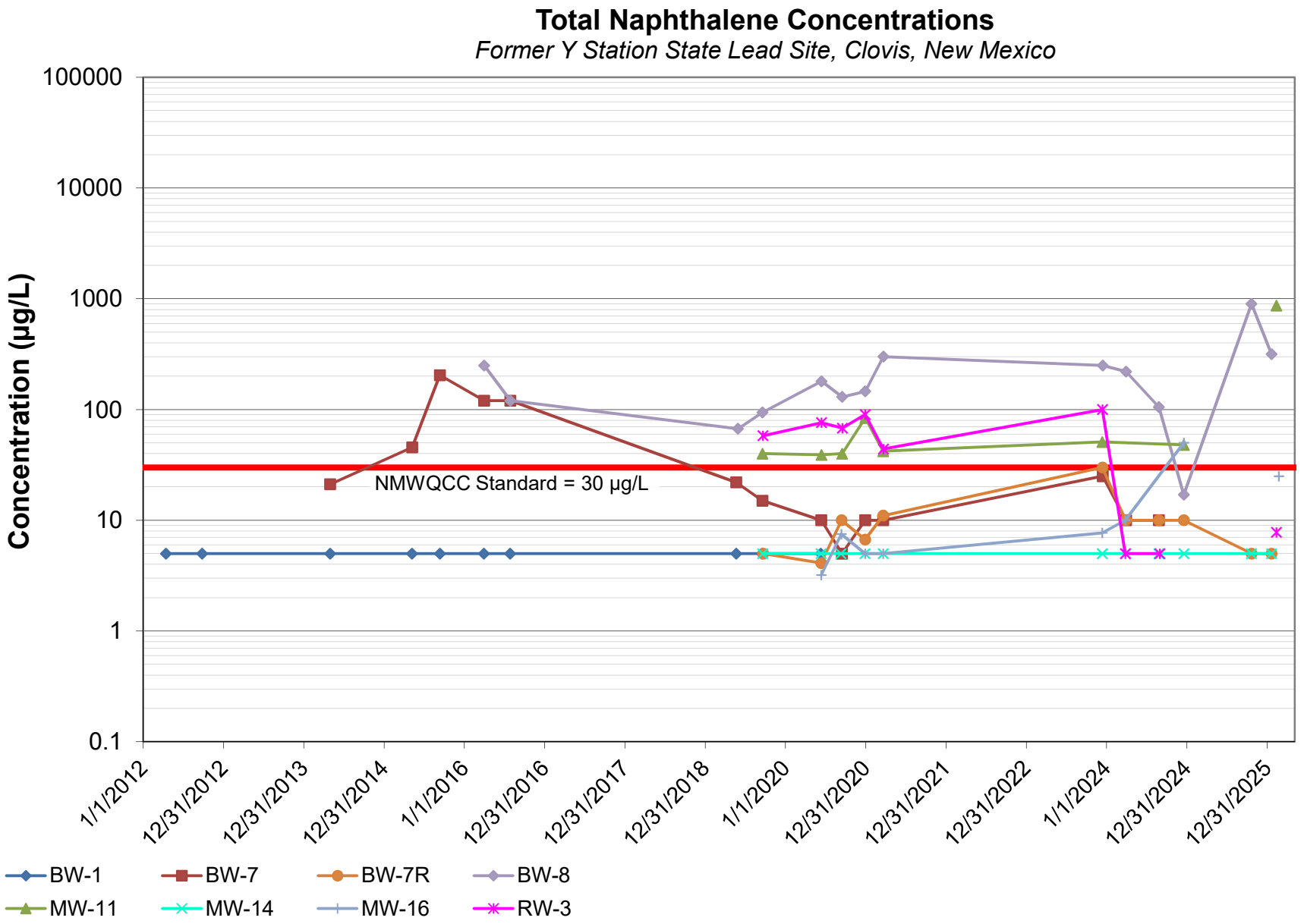

Benzene Concentrations
Former Y Station State Lead Site, Clovis, New Mexico
Concentration (µg/L)
100000
10000
1000
100
10
1
0.1
NMWQCC Standard = 5 µg/L
1/1/2012
12/31/2012
12/31/2013
12/31/2014
1/1/2016
12/31/2016
12/31/2017
12/31/2018
1/1/2020
12/31/2020
12/31/2021
12/31/2022
1/1/2024
12/31/2024
12/31/2025
BW-1
BW-7
BW-7R
BW-8
MW-11
MW-14
MW-16
RW-3


Toluene Concentrations
Former Y Station State Lead Site, Clovis, New Mexico
Concentration (µg/L)
100000
10000
1000
100
10
1
0.1
NMWQCC Standard = 1,000 µg/L
1/1/2012
12/31/2012
12/31/2013
12/31/2014
1/1/2016
12/31/2016
12/31/2017
12/31/2018
1/1/2020
12/31/2020
12/31/2021
12/31/2022
1/1/2024
12/31/2024
12/31/2025
BW-1
BW-7
BW-7R
BW-8
MW-11
MW-14
MW-16
RW-3


Ethylbenzene Concentrations
Former Y Station State Lead Site, Clovis, New Mexico
Concentration (µg/L)
100000
10000
1000
100
10
1
0.1
NMWQCC Standard = 700 µg/L
1/1/2012
12/31/2012
12/31/2013
12/31/2014
1/1/2016
12/31/2016
12/31/2017
12/31/2018
1/1/2020
12/31/2020
12/31/2021
12/31/2022
1/1/2024
12/31/2024
12/31/2025
BW-1
BW-7
BW-7R
BW-8
MW-11
MW-14
MW-16
RW-3


Total Xylene Concentrations
Former Y Station State Lead Site, Clovis, New Mexico
Concentration (µg/L)
100000
10000
1000
100
10
1
0.1
NMWQCC Standard = 620 µg/L
1/1/2012
12/31/2012
12/31/2013
12/31/2014
1/1/2016
12/31/2016
12/31/2017
12/31/2018
1/1/2020
12/31/2020
12/31/2021
12/31/2022
1/1/2024
12/31/2024
12/31/2025
BW-1
BW-7
BW-7R
BW-8
MW-11
MW-14
MW-16
RW-3


EDC Concentrations
Former Y Station State Lead Site, Clovis, New Mexico
Concentration (µg/L)
100000
10000
1000
100
10
1
0.1
NMWQCC Standard = 5 µg/L
1/1/2012
12/31/2012
12/31/2013
12/31/2014
1/1/2016
12/31/2016
12/31/2017
12/31/2018
1/1/2020
12/31/2020
12/31/2021
12/31/2022
1/1/2024
12/31/2024
12/31/2025
BW-1
BW-7
BW-7R
BW-8
MW-11
MW-14
MW-16
RW-3


Total Naphthalene Concentrations
Former Y Station State Lead Site, Clovis, New Mexico
Concentration (µg/L)
100000
10000
1000
100
10
1
0.1
NMWQCC Standard = 30 µg/L
1/1/2012
12/31/2012
12/31/2013
12/31/2014
1/1/2016
12/31/2016
12/31/2017
12/31/2018
1/1/2020
12/31/2020
12/31/2021
12/31/2022
1/1/2024
12/31/2024
12/31/2025
BW-1
BW-7
BW-7R
BW-8
MW-11
MW-14
MW-16
RW-3

Appendix I

Baseline Plume Maps

DBS&A
a Geo-Logic Company

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Notes: 1. All concentrations reported in micrograms per liter (µg/L).
2. **RED** indicates concentration that exceeds NMWQCC standard.
3. [a] Laboratory reporting limit is equal to or greater than the applicable standard.
4. Samples presented on this figure were collected using HydraSleeve sampling devices.

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

Distribution of Dissolved-Phase Contaminants - March 2021

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Explanation

MW-11 Monitor well designation

3,800 Benzene concentration, µg/L

Benzene isocontour (µg/L), dashed where inferred

Single completion monitor well

Nested monitor well

Notes: 1. All concentrations reported in micrograms per liter (µg/L).
2. **RED** indicates concentration that exceeds NMWQCC standard.
3. Samples collected on this figure were collected using HydraSleeve sampling devices.

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

Benzene Isoconcentration Map
March 2021

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Explanation

- **MW-11** Monitor well designation
- **200** EDC concentration, µg/L
- EDC isocontour (µg/L), dashed where inferred
- Single completion monitor well
- Nested monitor well

Notes: 1. All concentrations reported in micrograms per liter (µg/L).
2. **RED** indicates concentration that exceeds NMWQCC standard.
3. Samples collected on this figure were collected using HydraSleeve sampling devices.

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FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

EDC Isoconcentration Map
March 2021

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Explanation

MW-11 Monitor well designation
0.14 EDB concentration, µg/L
EDB isocontour (µg/L), dashed where inferred
Single completion monitor well
Nested monitor well

Notes: 1. All concentrations reported in micrograms per liter (µg/L).
2. **RED** indicates concentration that exceeds NMWQCC standard.
3. Samples collected on this figure were collected using HydraSleeve sampling devices.

FORMER Y STATION STATE LEAD SITE
CLOVIS, NEW MEXICO

EDB Isoconcentration Map
March 2021

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