Enterprise Products

ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

March 18, 2025

Submitted online via OCD E-Permitting:
https://wwwapps.emnrd.state.nm.us/OCD/OCDPermitting/default.aspx

Mr. Michael Buchanan
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: 2024 Groundwater Monitoring Report (Ensolum, March 14, 2025)
Enterprise Field Services, LLC
Trunk 6C Pipeline - Kutz Wash Release (09/22/11)
San Juan County, New Mexico [SW ¼, S26 T28N R11W (36.63202° N, 107.97400° W)]
OCD RP: 3R-438; OCD Abatement Plan No. 131; Incident No. NJK1201237146

Dear Mr. Buchanan:

Enterprise Products Operating LLC (Enterprise), on behalf of Enterprise Field Services, LLC, submits herein to the New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD) an electronic copy of the above referenced report prepared by Ensolum, LLC (Ensolum) and dated March 14, 2025. The report is associated with the September 22, 2011 discovery of a release of natural gas condensate from the Enterprise Trunk 6C pipeline located near the Kutz Wash, in San Juan County, New Mexico (hereinafter referred to as "the Site"). The activities detailed in the attached report document groundwater monitoring and sampling (GWM&S) events that occurred between January 1, 2024 and December 31, 2024 (the "reporting period").

Data presented in the attached report indicates that COC concentrations in excess of the applicable Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQSs) remain at the Site in one monitoring well (MW-1). The DPH plume (MW-1) is currently delineated by monitor wells MW-2, MW-4, MW-6, and MW-11.

Based on the information presented in the attached report, Enterprise plans to: 1) continue conducting semi-annual GWM&S events and 2) evaluate options to facilitate remediation of potential residually impacted soil and groundwater.

Should you have any questions, comments, concerns, or require additional information, please contact Valerie Phipps via email (vphipps@eprod.com) or phone (713-381-4698).

Sincerely,

Valerie J. Phipps
Engineer, Staff Environmental

W. Tucker Jacobson
Senior Manager, Environmental

cc: BLM, Farmington, NM – Mr. J. Nolan Craun <6251 College Blvd., Suite A, Farmington, NM 87402>
ec: Ensolum – Mr. Kyle Summers <ksummers@ensolum.com>

ENSOLUM

2024 GROUNDWATER MONITORING REPORT

Property:

Trunk 6C Kutz Wash Pipeline Release (2011)
Unit Letter K, S26 T28N R11W
San Juan County, New Mexico

New Mexico EMNRD OCD RP No. 3RP-438
Abatement Plan No. 131
Incident ID No. NJK1201237146

March 14, 2025

Ensolum Project No. 05A1226011

Prepared for:

Enterprise Field Services, LLC
P.O. Box 4324
Houston, Texas 77210-4324

Prepared by:

Wes Weichert
Project Geologist

Kyle Summers
Senior Managing Geologist

Executive Summary

This report documents the 2024 groundwater monitoring activities conducted at the Trunk 6C Kutz Wash pipeline release site, referred to hereinafter as the "Site". The Site is located within the Enterprise Field Services, LLC (Enterprise) pipeline right-of-way in Unit Letter K of Section 26, Township 28 North, Range 11 West, in San Juan County, New Mexico.

Since the discovery of a natural gas and associated liquids release from the Trunk 6C pipeline on September 22, 2011, various investigation and corrective actions have been conducted at the Site. Periodic groundwater monitoring has also been ongoing since September 2012. Historical information indicates that impacted soil may still remain at the Site. Additionally, analytical results indicate that impact to groundwater persists at the Site.

Groundwater monitoring events were conducted by Ensolum, LLC (Ensolum) during July 2024 and January 2025. The primary objective of these groundwater monitoring events was to further evaluate constituent of concern (COC) concentrations in groundwater and to monitor the generally declining COC concentrations over time at the Site. Findings based on these activities are as follows:

- The groundwater flow direction at the Site is generally towards the northwest. The calculated gradient during the current sampling events averaged approximately 0.007 feet per foot (ft/ft) across the Site.

- At this legacy Site, benzene was reported at concentrations exceeding the former New Mexico Water Quality Control Commission (WQCC) Groundwater Quality Standard (GQS) of 10 micrograms per liter (µg/L) in groundwater samples collected from monitoring well MW-1 during the July 2024 and January 2025 sampling events. The groundwater samples collected from the remaining monitoring wells during the recent sampling events did not exhibit COC concentrations above the applicable WQCC GQSs (see footnote in report).

- The results from the groundwater sampling events completed in 2024 at the Site generally continue to demonstrate stable or declining COC concentrations in groundwater.

Ensolum offers the following recommendations:

- Report the groundwater monitoring data to the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD).

- Due to the benzene detection of 6.6 µg/L in monitoring well MW-15 during the January 2025 sampling event, return MW-15 to semi-annual monitoring (from annual). Continue groundwater monitoring at the remainder of the monitoring wells according to the frequency cited in the table in Section 2.0.

- Discuss options with the NM EMNRD OCD to facilitate the remediation of potential residually impacted soils and impacted groundwater.

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 INTRODUCTION

This report describes the 2024 groundwater monitoring activities conducted at the Trunk 6C Kutz Wash Pipeline Release (2011) site, referred to hereinafter as the "Site".

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Trunk 6C Kutz Wash Pipeline Release (2011)
NM EMNRD OCD Incident ID No.	NJK1201237146
Location:	36.63202° North, 107.97400° West Unit Letter K, Section 26, Township 28 North, Range 11 West San Juan County, New Mexico
Property:	United States (U.S.) Bureau of Land Management (BLM)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On September 22, 2011, a release of an unknown volume of natural gas and associated liquids from the Trunk 6C pipeline was discovered at the Site. The pipeline was subsequently repaired. Animas Environmental Services, LLC (AES) collected one soil sample from the floor of the repair excavation. Based on field screening results, the soil sample exhibited elevated levels of volatile organic compounds (VOCs). A site assessment was conducted by AES on October 11, 2011. The assessment included the collection of soil samples from four test holes (TP-1 through TP-4) that were advanced near the release area and groundwater samples from two of the test holes. Based on laboratory analytical results, benzene, toluene, ethylbenzene, and total xylenes (BTEX), and total petroleum hydrocarbons (TPH) were identified in soil samples collected from two of the test holes (TP-1 and TP-2) at concentrations above the New Mexico EMNRD OCD closure criteria. The test hole water samples collected from TP-2 and TP-4 exhibited concentrations of BTEX above New Mexico Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQSs). Additional details regarding the initial site assessment activities are provided in the *Release Assessment Report* (AES, October 28, 2011).

During November 2011, AES advanced eight soil borings (SB-1 through SB-8) at the Site to further delineate the extent of hydrocarbon affected soil and impacted groundwater. Laboratory analytical results for the soil and groundwater samples collected from the soil borings identified constituent of concern (COC) concentrations in soil above the New Mexico EMNRD OCD closure criteria (SB-2, SB-7, and SB-8) and in groundwater above the WQCC GQSs (SB-2W, SB-3W, and SB-7W) (*Site Investigation Report*, AES, February 20, 2012).

During September 2012, nine additional soil borings were advanced at the Site by AES to further evaluate the extent of dissolved phase COCs in groundwater. The soil borings were then completed as groundwater monitoring wells (MW-1 through MW-9). Laboratory analytical results for soil samples did not indicate concentrations of COCs above the New Mexico EMNRD OCD closure criteria. However, COCs were confirmed in groundwater above the WQCC GQSs (*Groundwater Investigation Report*, AES, October 31, 2012).

On October 16, 2013, AES advanced four additional soil borings/monitoring wells (MW-10 through MW-13) to further evaluate the extent of COCs in groundwater. Laboratory analytical results indicated COC concentrations in soil and groundwater from soil boring/monitoring well MW-10 were present at levels above the New Mexico EMNRD OCD closure criteria and the WQCC GQSs (*3rd Quarter 2013 Groundwater Monitoring and Well Installation Report*, AES, December 10, 2013,

and *4th Quarter 2013 Groundwater Monitoring and Continued Investigation Report*, AES, July 23, 2014).

During September 2016, Enterprise retained Apex TITAN, Inc., (Apex) to perform environmental site investigation activities at the Site to further evaluate and delineate COCs in soil and groundwater. Five soil borings were advanced and three of the soil borings were completed as groundwater monitoring wells (MW-14, MW-15, and MW-17). Laboratory analytical results indicated COC concentrations in soil (MW-15 (capillary fringe), MW-17, and SB-18A (capillary fringe)) and groundwater (MW-17) were above the New Mexico EMNRD OCD closure criteria and the WQCC GQSs (*Supplemental Environmental Site Investigation (September 2016) and Annual Groundwater Monitoring Report (June and December 2016)*, Apex, February 13, 2017).

During February 2019, Enterprise assigned management of the project to Ensolum, LLC (Ensolum).

On May 23, 2019, Enterprise submitted a revised Stage 1 Abatement Plan for this Site to the New Mexico EMNRD OCD (*Revised Trunk 6C Kutz Wash Pipeline Release Stage 1 Abatement Plan*, Ensolum, May 22, 2019). The New Mexico EMNRD OCD approved the plan on January 25, 2024.

Groundwater monitoring activities performed between 2019 and 2024 are documented in the following reports:

- *2019 Groundwater Monitoring Report*, Ensolum, August 10, 2020
- *2020 Groundwater Monitoring Report*, Ensolum, March 19, 2021
- *2021 Groundwater Monitoring Report*, Ensolum, March 25, 2022
- *2022 Groundwater Monitoring Report*, Ensolum, March 22, 2023
- *2023 Groundwater Monitoring Report*, Ensolum, April 18, 2024

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. To address activities related to oil and gas releases, the New Mexico EMNRD OCD references 19.15.29 New Mexico Administrative Code (NMAC) (*Releases*), which establishes investigation and abatement action requirements for sites that are subject to reporting and/or corrective action. Additionally, the New Mexico EMNRD OCD utilizes the New Mexico WQCC GQS identified in 20.6.2 NMAC (*Ground and Surface Water Protection*) to evaluate groundwater conditions.[1]

The Site location is depicted on **Figure 1** of **Appendix A** which was reproduced from a portion of a United States Geological Survey (USGS) 7.5-minute series topographic map. A **Site Vicinity Map**, created from an aerial photograph, is provided as **Figure 2**, and a **Site Map**, which indicates the approximate locations of the monitoring wells, the extent of the former excavation, excavation sample locations, and previous soil boring locations in relation to pertinent structures and general Site boundaries, is included as **Figure 3** of **Appendix A**.

1.2 Project Objective

The objective of the groundwater monitoring events was to further evaluate the concentrations of COCs in groundwater and monitor the generally declining COC concentrations over time at the Site.

[1] NMAC 20.6.2 was amended (12/21/18). The New Mexico EMNRD OCD has not responded to Enterprise's inquiries regarding which closure standards will apply to this legacy site that predates the 2018 rule change. Therefore, this document reflects the GQSs that were applicable at the time of initial remediation.

2.0 GROUNDWATER MONITORING

Ensolum conducted groundwater sampling in July 2024 and January 2025, collecting one sample from each viable monitoring well at the Site. Monitoring well MW-12 was not sampled due to an obstructed well screen/casing.

On December 28, 2021, the New Mexico EMNRD OCD approved the suspension of sampling for wells MW-3 through MW-11 and MW-13 through MW-15. However, the approval did not clarify whether an alternate sampling schedule was required. To ensure compliance, Enterprise conducted a limited semiannual sampling event in July 2024, collecting samples from MW-1, MW-2, and MW-17, followed by a full semiannual sampling event in January 2025. The New Mexico EMNRD OCD was notified of the sampling events although no representative was present during the sampling activities. Regulatory correspondence is provided in **Appendix B**.

MW-12 has had an obstruction in the casing since 2015. It is recommended that MW-12 be omitted from the groundwater monitoring scope of work since: 1) this is an upgradient well, and 2) MW-4, which is in between the release point and MW-12, has been below the WQCC GQS criteria since 2014.

The proposed groundwater monitoring schedule is summarized as follows:

Frequency	Wells
First Semi-Annual Event	Groundwater sample MW-1, MW-2, MW15, and MW-17 - All existing wells will be gauged for groundwater contouring purposes during the January event
Second Semi-Annual Event	Groundwater sample MW-1, MW15, and MW-17 - Only the wells being sampled will be gauged
Omit from sampling	MW-3 through MW-14

Ensolum's groundwater sampling program consisted of the following:

- Prior to sample collection, Ensolum gauged the depth to fluids in each monitoring well using an interface probe capable of detecting non-aqueous phase liquid (NAPL).

- Each designated monitoring well was sampled using micro-purge low-flow techniques. After completing the micro-purge process, groundwater samples were collected. Monitoring wells MW-10, MW-11, and MW-13 have approximately one-inch diameter casings, preventing the use of a bladder pump for sampling. These wells were purged until effectively dry using a disposable bailer. Once groundwater recovered to near-static levels, samples were collected.

- Low-flow or low-stress sampling minimizes stress on formation pore water near the well screen. Water level drawdown is the best indicator of stress caused by a given flow rate in a specific hydrological setting. During low-flow/low-stress sampling, pumping rates are typically maintained between 0.1 and 0.5 liters per minute (L/min) using dedicated or decontaminated sampling equipment.

- During low-flow sampling, the groundwater samples are collected from each monitoring well once produced groundwater is consistent in color, clarity, pH, temperature, and conductivity. Measurements are typically observed every three to five minutes while purging. Purging is considered complete once key parameters (especially pH and conductivity) have stabilized

for at least three consecutive readings.

- Groundwater samples were collected in laboratory-supplied containers (pre-preserved with hydrochloric acid (HCl)), labeled, and sealed using the laboratory supplied labels and custody seals, and stored on ice in a cooler. The groundwater samples were relinquished to the courier for Eurofins Environment Testing South Central, LLC (Eurofins) (formerly Hall Environmental Analysis Laboratory) of Albuquerque, New Mexico under proper chain-of-custody procedures.

2.1 Groundwater Laboratory Analytical Methods

The groundwater samples collected from the monitoring wells during the 2024 sampling events were analyzed for BTEX utilizing U.S. Environmental Protection Agency (EPA) SW-846 Method 8021.

When approving the Stage 1 Abatement Plan, the NM EMNRD OCD also requested that Enterprise sample monitoring wells MW-1, MW-2, and MW-8 for polycyclic aromatic hydrocarbons (PAH) via EPA Method SW-846 8100 and total petroleum hydrocarbons (TPH) via EPA SW-846 Method 8015. Enterprise had to substitute the more accurate EPA SW-846 Method 8270 for the Method 8100 because the laboratory no longer utilized Method 8100.

A summary of the analytes, sample matrix, sample frequency and U.S. EPA-approved analytical methods are presented in the following table.

Analyte	Sample Type	No. of Samples (July/Jan)	Method
BTEX	Groundwater	3/15	SW-846 8021
TPH	Groundwater	3/1	SW-846 8015
PAH	Groundwater	3/1	SW-846 8270

Based upon the laboratory analytical results, future analysis for TPH or PAHs is not recommended.

The laboratory analytical results are summarized in **Table 1** and **Table 1A** in **Appendix C**. The executed chain-of-custody forms and laboratory data sheets are provided in **Appendix D**.

2.2 Groundwater Flow Direction

The groundwater flow direction at the Site is generally towards the northwest. The calculated gradient during the two most recent monitoring events averaged approximately 0.007 feet per foot (ft/ft) across the Site. Groundwater elevation data collected during the 2024 gauging events are presented in **Table 2** (**Appendix C**). Groundwater gradient maps for the 2024 gauging events are included as **Figure 4A** and **Figure 4B** (**Appendix A**).

2.3 Groundwater Data Evaluation

Ensolum compared the BTEX, TPH, and PAH laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the groundwater samples collected from monitoring wells during the 2024 groundwater sampling events to the New Mexico WQCC GQSs.[1] The results of the analyses are summarized in **Table 1 and Table 1A** of **Appendix C**. Groundwater Quality Standard Exceedance Zone maps are provided as **Figure 5A** and **Figure 5B** of **Appendix A**.

July 2024

- Based on laboratory analytical results, benzene concentrations exceeded the WQCC GQS of 10 µg/L in monitoring well MW-1, with a concentration of 11 micrograms per liter (µg/L).[1] Benzene concentrations in the remaining sampled monitoring wells were below laboratory PQLs/RLs, which were also below the WQCC GQS of 10 µg/L.[1]

- Based on laboratory analytical results, toluene concentrations in all sampled monitoring wells were below the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- Based on laboratory analytical results, ethylbenzene was detected in monitoring well MW-1 at a concentration of 4.4 µg/L, below the WQCC GQS of 750 µg/L.[1] Ethylbenzene concentrations in the remaining sampled monitoring wells were below laboratory PQLs/RLs, which were also below the WQCC GQS of 750 µg/L.[1]

- Based on laboratory analytical results, total xylenes were detected in monitoring well MW-1 at a concentration of 15 µg/L, below the WQCC GQS of 620 µg/L.[1] Total xylene concentrations in the remaining sampled monitoring wells were below laboratory PQLs/RLs, which were also below the WQCC GQS of 620 µg/L.[1]

- Based on laboratory analytical results, total naphthalenes were detected in monitoring well MW-1 at a concentration of 1.84 µg/L, which is below the WQCC GQS of 30 µg/L. Total naphthalenes concentrations in the other sampled monitoring wells were below the laboratory PQLs/RLs, which are below the WQCC GQS of 30 µg/L.

- Based on laboratory analytical results, TPH was detected in monitoring well MW-1 at a concentration of 0.23 mg/L. There is not an established WQCC GQS for TPH. TPH concentrations in the remaining sampled monitoring wells were below laboratory PQLs/RLs.

Data qualifier flags associated with the July 2024 analytical results are discussed below:

July 2024 Data Qualifier Flags		
Sample IDs	**Data Qualifier Flags**	**Comments/Reactions**
MW-1, MW-2, and MW-17	*- LCS and/or LCSD is outside acceptance limits	Potential low bias – Flag does not affect any detected analytes
MW-1, MW-2, and MW-17	*1 LCS/LCSD RPD exceeds control limits	Flag does not affect any detected analytes
MW-1, MW-2, and MW-17	S1- Surrogate recovery exceeds control limits	Potential low bias – Flag does not affect any detected analytes

January 2025

- Based on laboratory analytical results, benzene concentrations exceeded the WQCC GQS of 10 µg/L in monitoring well MW-1, with a concentration of 37 µg/L. Benzene was also detected in MW-15 and MW-17 at concentrations of 6.6 µg/L and 3.1 µg/L, respectfully, which are below the WQCC GQS of 10 µg/L.[1] Benzene concentrations in the remaining monitoring wells were below laboratory PQLs/RLs, which are below the WQCC GQS of 10 µg/L.[1]

- Based on laboratory analytical results, toluene was detected in monitoring well MW-1 at 1.7 µg/L, below the WQCC GQS of 750 µg/L. Toluene concentrations in the remaining monitoring

wells were below laboratory PQLs/RLs, which below the WQCC GQS of 750 µg/L.[1]

- Based on laboratory analytical results, ethylbenzene was detected in monitoring wells MW-1 and MW-15 at 17 µg/L and 1.9 µg/L, respectively, below the WQCC GQS of 750 µg/L. Ethylbenzene concentrations in the remaining monitoring wells were below laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- Based on laboratory analytical results, total xylenes were detected in monitoring wells MW-1, MW-8, MW-15, and MW-17, with concentrations ranging from 2.4 µg/L (MW-17) to 50 µg/L (MW-1), all below the WQCC GQS of 750 µg/L.[1] Total xylene concentrations in the remaining monitoring wells were below laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- Based on laboratory analytical results, total naphthalenes were not detected in monitoring well MW-8 above the laboratory PQLs/RLs. which are below the WQCC GQS of 30 µg/L. No other wells were sampled for PAH during the January 2025 event.

- Based on laboratory analytical results, TPH was not detected in monitoring well MW-8. There is not an established WQCC GQS for TPH. No other wells were sampled for TPH during the January 2025 event.

- No data qualifier flags are associated with the January 2025 analytical results.

3.0 FINDINGS

Based on the evaluation of the analytical results from the groundwater monitoring activities, Ensolum presents the following findings:

- The groundwater flow direction at the Site is generally towards the northwest. The calculated gradient during the two most recent monitoring events averaged approximately 0.007 ft/ft across the Site.

- Benzene was reported at concentrations exceeding the New Mexico WQCC GQS of 10 µg/L in groundwater samples collected from monitoring well MW-1 during the July 2024 and January 2025 sampling events.[1] The groundwater samples collected from the remaining monitoring during the two most recent sampling events did not exhibit COC concentrations above the applicable WQCC GQSs.[1]

- The results from the groundwater sampling events completed in 2024 at the Site generally continue to demonstrate stable or declining COC concentrations in groundwater.

4.0 RECOMMENDATIONS

Based on the results of the groundwater monitoring activities, Ensolum has the following recommendations:

- Report the groundwater monitoring data to the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD).

- Due to the benzene detection of 6.6 µg/L in monitoring well MW-15 during the January 2025 sampling event, return MW-15 to semi-annual monitoring (from annual). Continue

groundwater monitoring at the remainder of the monitoring wells according to the table included in Section 2.0.

- Discuss options with the NM EMNRD OCD to facilitate the remediation of potential residually impacted soils and impacted groundwater.

5.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

5.1 Standard of Care

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties).

5.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendation are based solely upon data available to Ensolum at the time of these services.

5.3 Reliance

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Enterprise and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the report and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.

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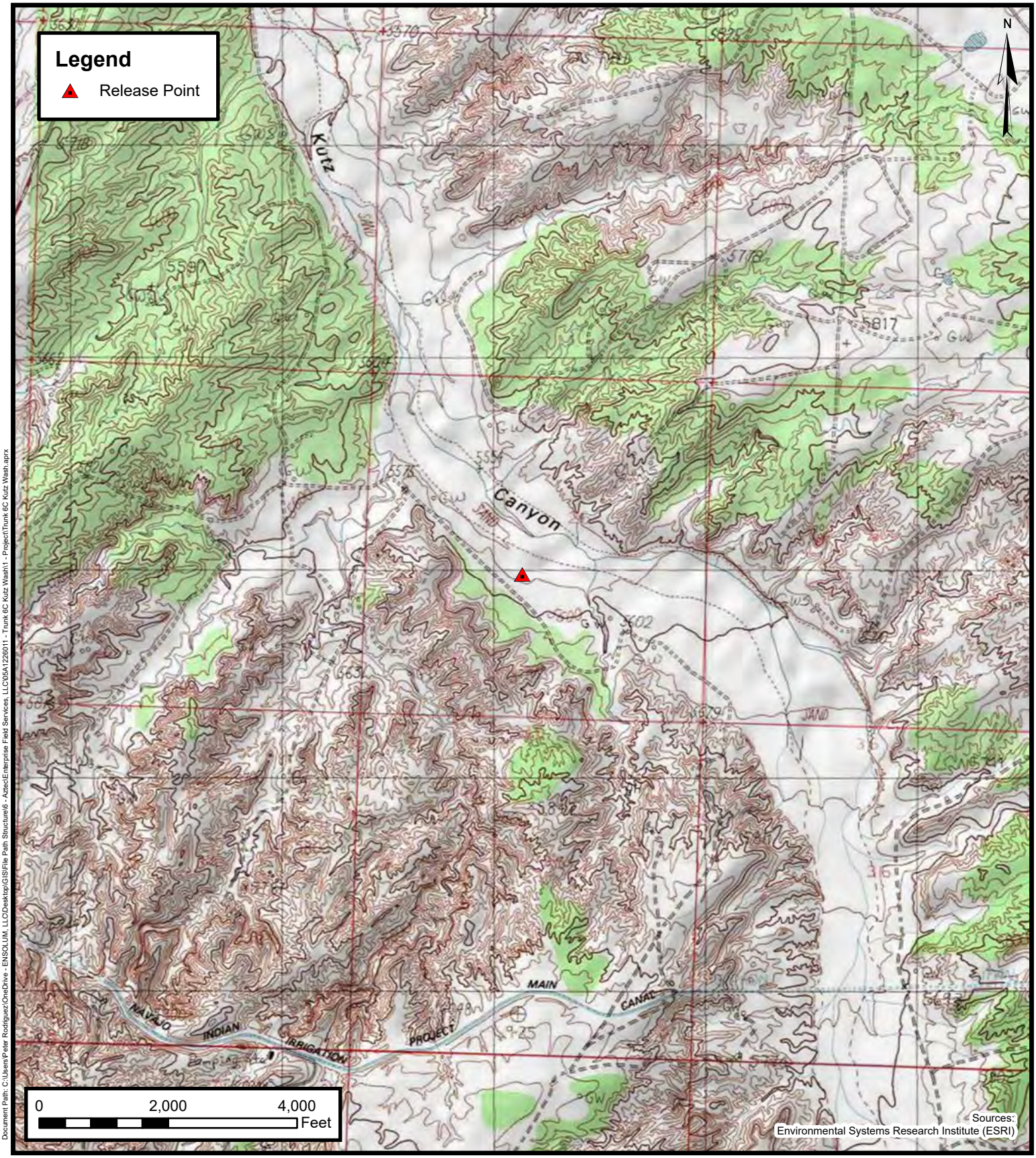
APPENDIX A

Figures



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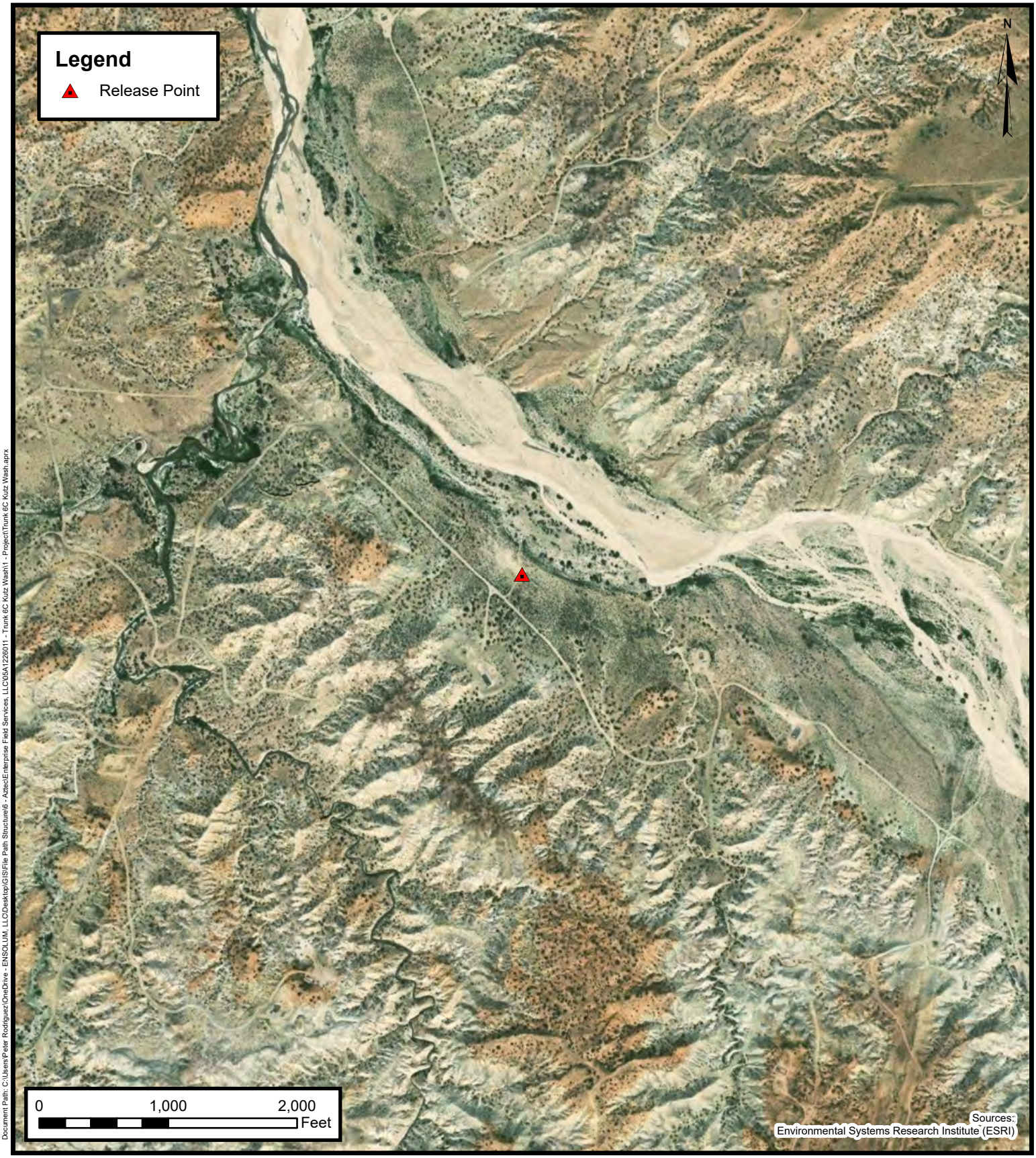
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC
Trunk 6C Kutz Wash
Project Number: 05A1226011
Unit Letter K, S26 T28N R11W, San Juan County, New Mexico
36.63202, -107.97400

FIGURE

1



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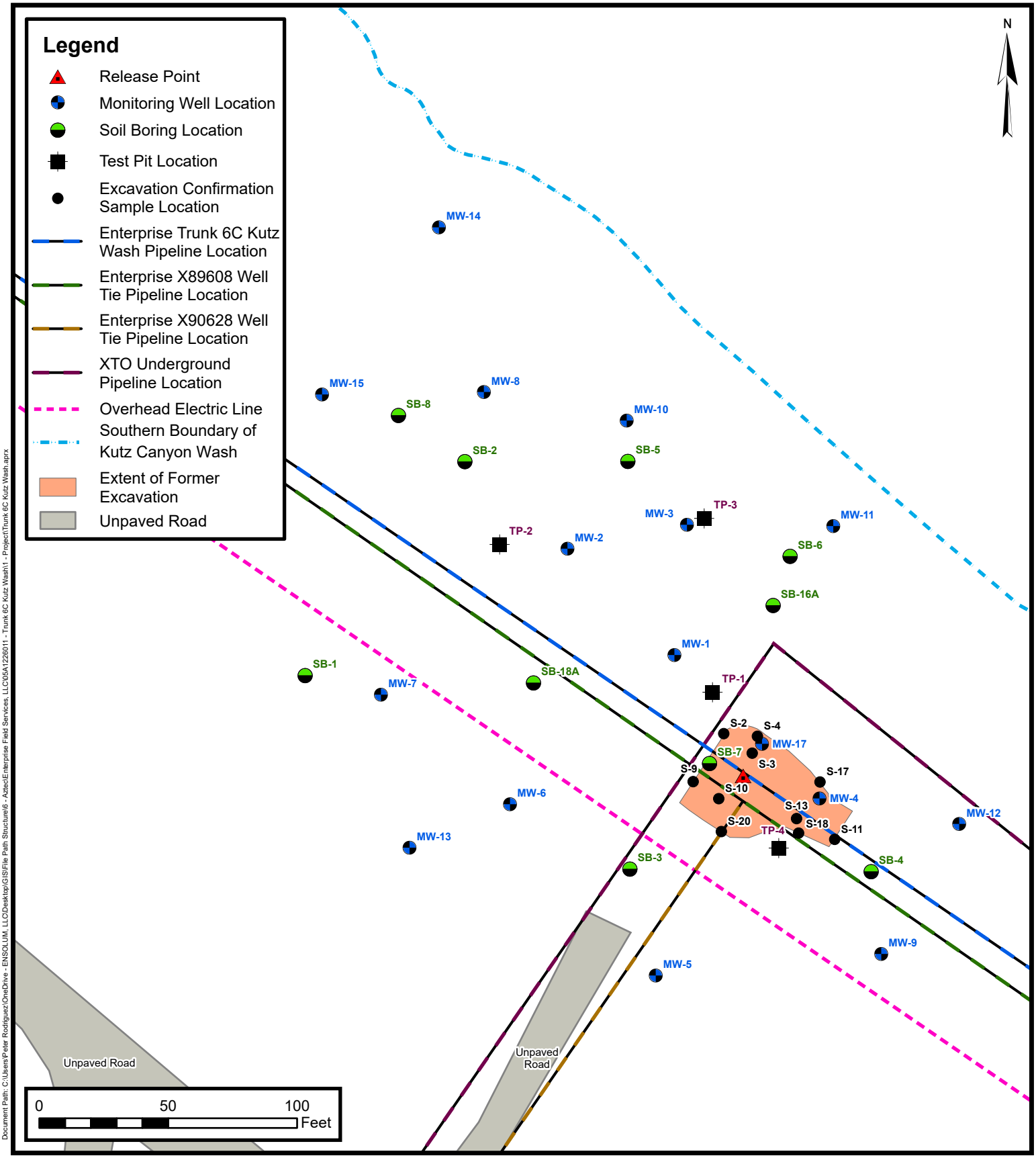
Environmental, Engineering and Hydrogeologic Consultants

Site Vicinity Map

Enterprise Field Services, LLC
Trunk 6C Kutz Wash
Project Number: 05A1226011
Unit Letter K, S26 T28N R11W, San Juan County, New Mexico
36.63202, -107.97400

FIGURE

2

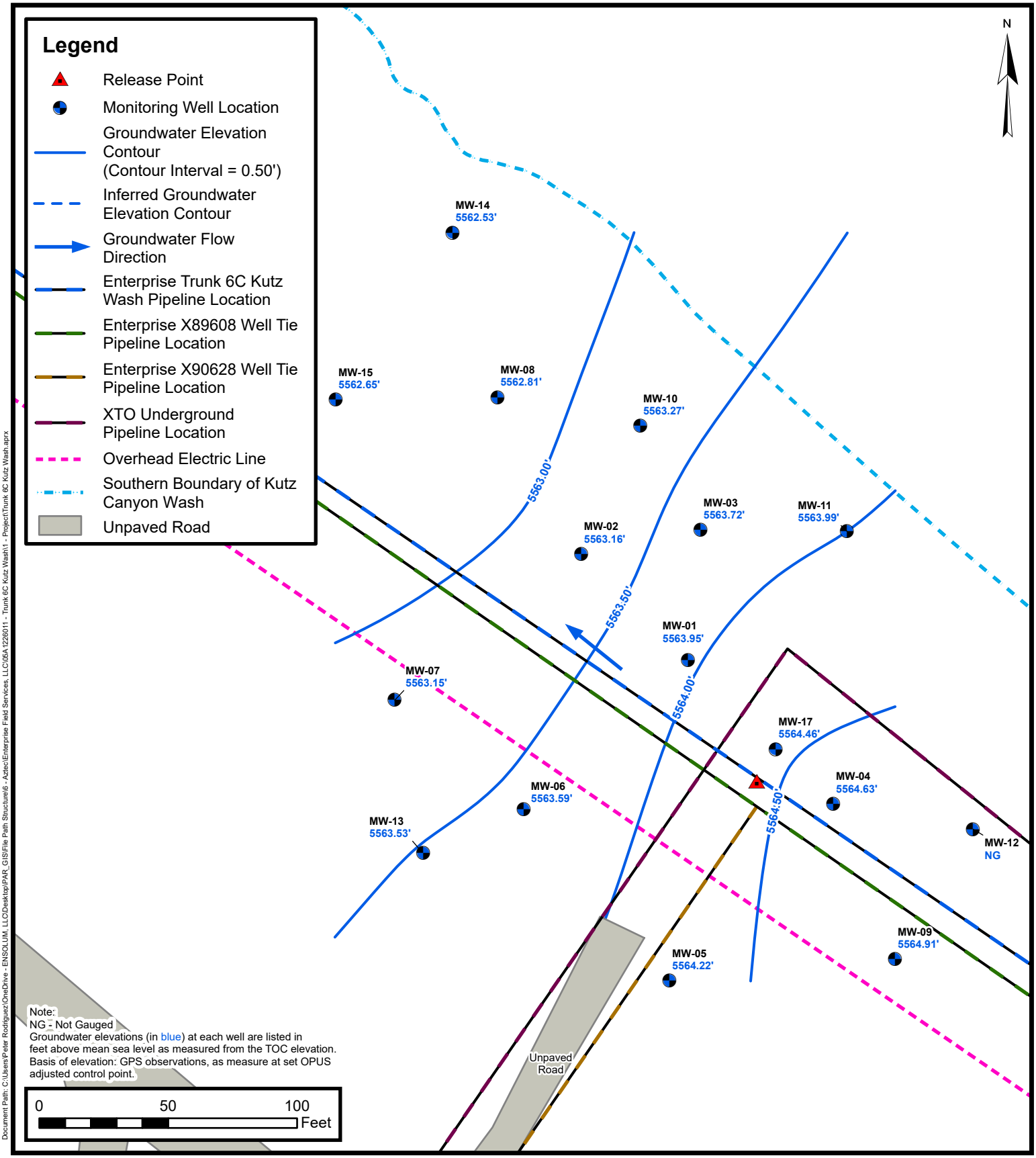


ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Map

Enterprise Field Services, LLC
Trunk 6C Kutz Wash
Project Number: 05A1226011
Unit Letter K, S26 T28N R11W, San Juan County, New Mexico
36.63202, -107.97400

FIGURE
3



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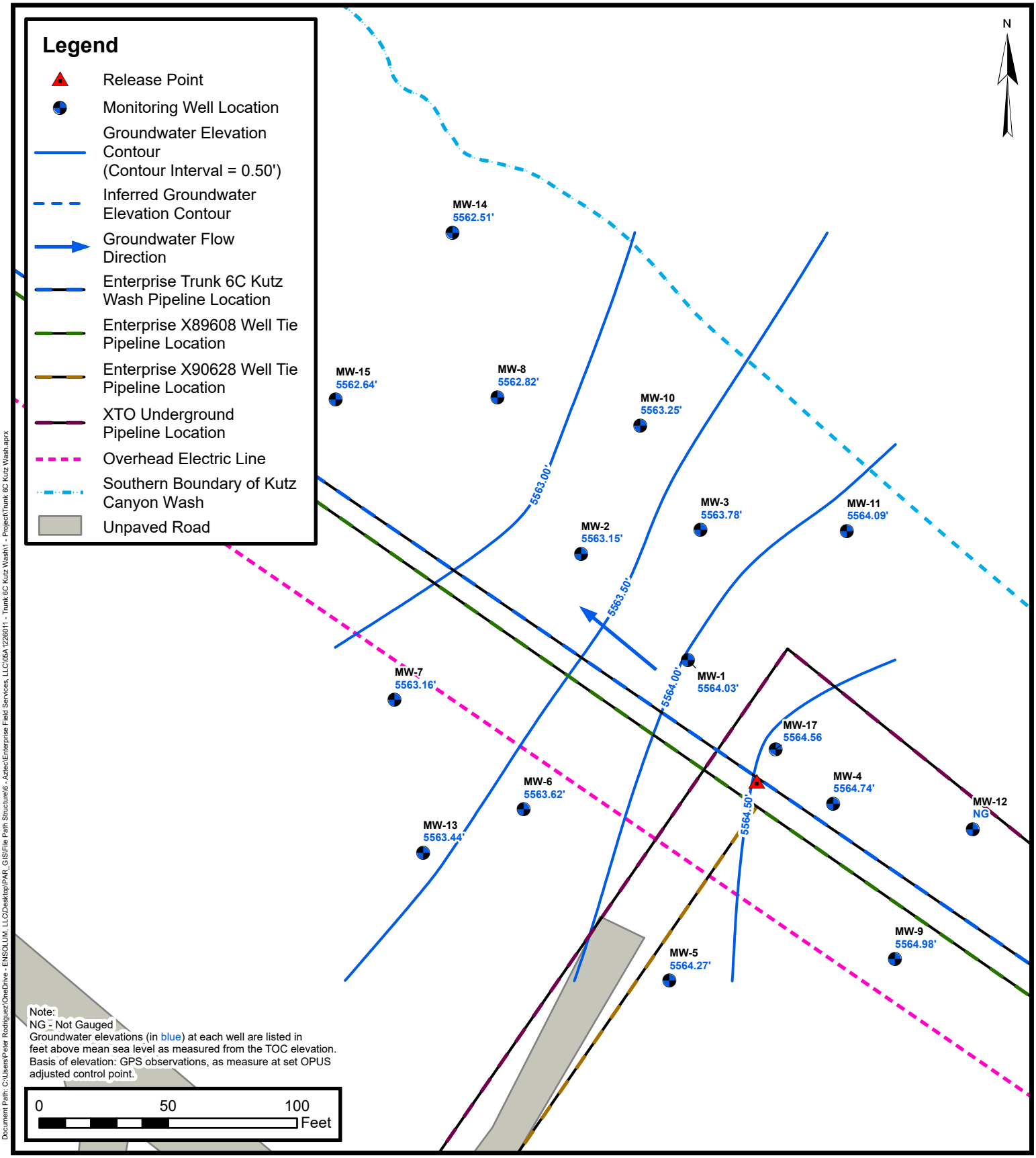
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Groundwater Gradient Map (July 2024)

Enterprise Field Services, LLC
Trunk 6C Kutz Wash
Project Number: 05A1226011
Unit Letter K, S26 T28N R11W, San Juan County, New Mexico
36.63202, -107.97400

FIGURE
4A



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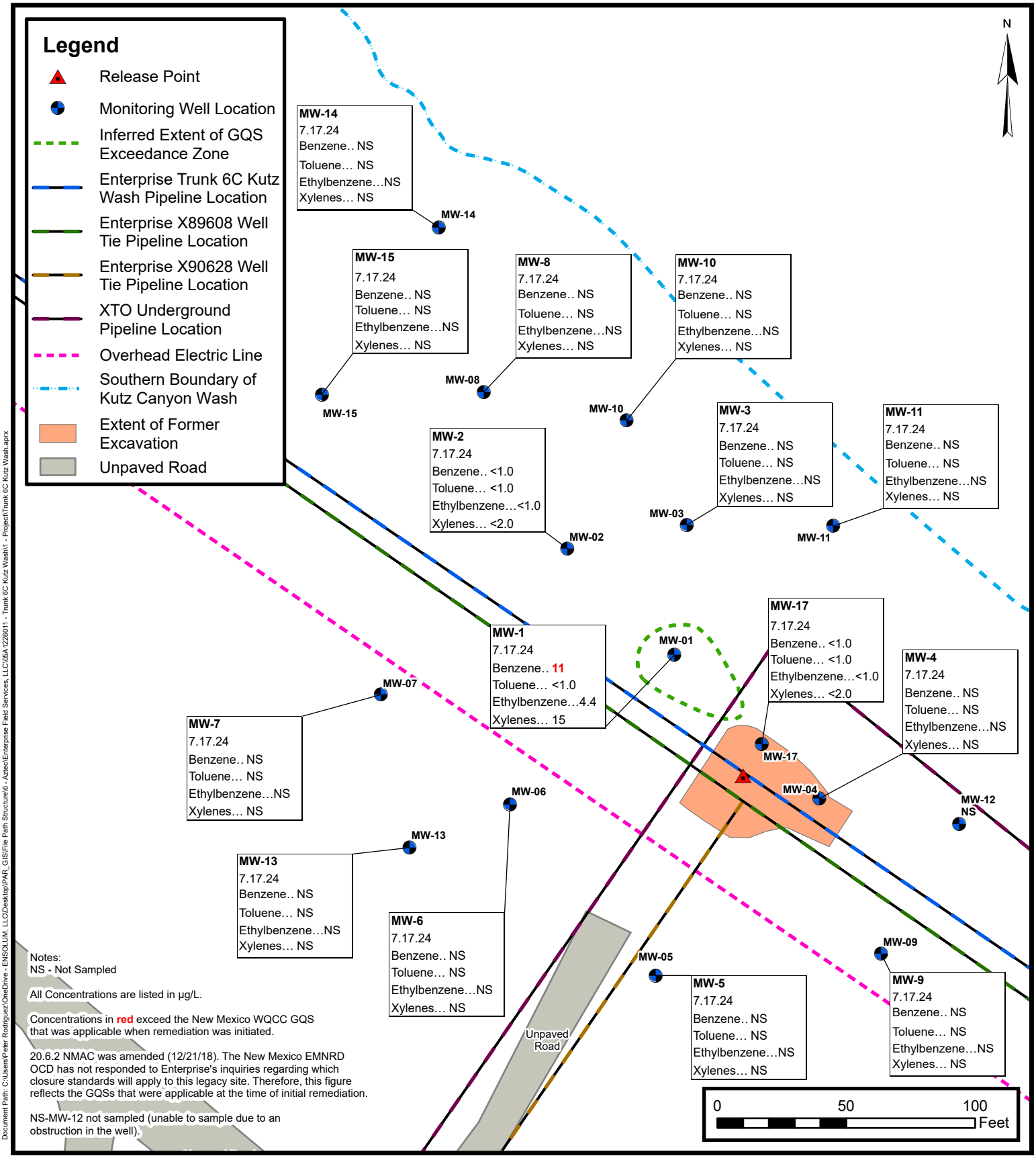
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Groundwater Gradient Map (January 2025)

Enterprise Field Services, LLC
Trunk 6C Kutz Wash
Project Number: 05A1226011
Unit Letter K, S26 T28N R11W, San Juan County, New Mexico
36.63202, -107.97400

FIGURE
4B



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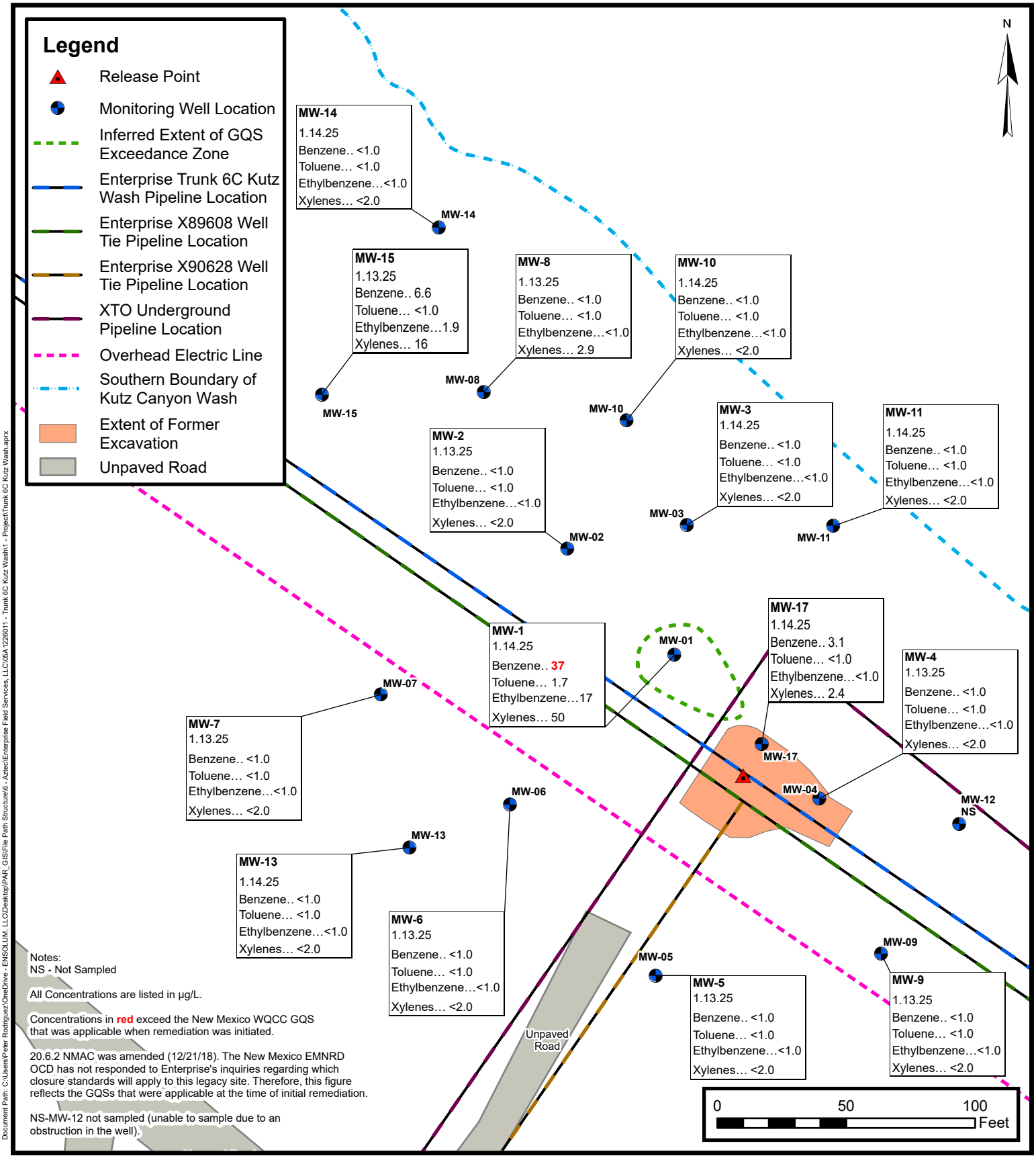
Environmental, Engineering and Hydrogeologic Consultants

Groundwater Quality Standard (GQS) Exceedance Zone Map (July 2024)

Enterprise Field Services, LLC
Trunk 6C Kutz Wash
Project Number: 05A1226011
Unit Letter K, S26 T28N R11W, San Juan County, New Mexico
36.63202, -107.97400

FIGURE
5A



Notes:
NS - Not Sampled

All Concentrations are listed in µg/L.

Concentrations in **red** exceed the New Mexico WQCC GQS that was applicable when remediation was initiated.

20.6.2 NMAC was amended (12/21/18). The New Mexico EMNRD OCD has not responded to Enterprise's inquiries regarding which closure standards will apply to this legacy site. Therefore, this figure reflects the GQSs that were applicable at the time of initial remediation.

NS-MW-12 not sampled (unable to sample due to an obstruction in the well).

Document Path: C:\Users\Peter Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226011 - Trunk 6C Kutz Wash\1 - Project\Trunk 6C Kutz Wash.aprx

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Groundwater Quality Standard (GQS) Exceedance Zone Map (January 2025)

Enterprise Field Services, LLC
Trunk 6C Kutz Wash
Project Number: 05A1226011
Unit Letter K, S26 T28N R11W, San Juan County, New Mexico
36.63202, -107.97400

FIGURE
5B

ENSOLUM

APPENDIX B

Regulatory Correspondence

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, January 2, 2025 8:21 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416312

[Use caution with links/attachments]

To whom it may concern (c/o Thomas Long for Enterprise Field Services, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nJK1201237146.

The sampling event is expected to take place:

When: 01/09/2025 @ 09:00
Where: K-26-28N-11W 0 FNL 0 FEL (36.63197,-107.97408)

Additional Information: Ensolum, LLC

Additional Instructions: 36.63197,-107.97408

This is a groundwater sampling event.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Dylan M. Fuge
Deputy Secretary

Dylan Fuge, Division Director (Acting)
Oil Conservation Division

Greg E Miller
Enterprise Field Services, LLC
PO Box 4324
Houston, TX 77210

RE: Determination of Administratively Complete Stage 1 Abatement Plan & Public Notice and Participation for the Trunk 6C Kutz Wash Pipeline Release (Incident #nJK1201237146) 3R-438 & AP-131

Mr. Miller,

The Oil Conservation Division (OCD) received a Stage 1 Abatement Plan as well as a Proposed Public Notice and Participation submittal prepared on Enterprise Field Services, LLC's behalf by Ensolum, LLC. OCD has reviewed the plan and determined it to be administratively complete. In addition, OCD also approves the proposed draft of the Public Notice and Participation Proposal. The required public notice and participation should now proceed under the provisions of Subsections A and B of 19.15.30.15 NMAC. Proof of Public Notice must be provided to the OCD.

According to Table 2 of the Stage 1 Abatement Plan, MW-12 has not been sampled since 6/12/2015. Either the well must be re-drilled or the casing obstruction that has prevented access down the well must be removed for continued sampling.

Additionally, please include sampling analysis for TPH (MRO, DRO, GRO) using EPA method 8015M/B for lab analysis, due to the past presence of NAPL in wells MW-1, MW-2, and MW-8. Include sampling analysis for Polycyclic aromatic hydrocarbons (PAH), EPA method 8100.

The division shall distribute notice of an abatement plan's filing with the next division and commission hearing docket following the plan's receipt.

OCD's approval of the Stage 1 Abatement Plan does not relieve Enterprise of any other requirements imposed by any other regulatory agencies.

If you have any questions, please contact Mike Buchanan of the Environmental Incident Group at (505) 490-0798 or by email at *michael.buchanan*@emnrd.nm.gov.

Respectfully,

RosaM Romero

Rosa Romero Environmental
Bureau Chief
RR/mb

From: Long, Thomas
To: Falcomata, Julianna; Stone, Brian
Cc: Kyle Summers
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 356538
Date: Friday, June 21, 2024 9:03:24 AM

[**EXTERNAL EMAIL**]

FYI. Only.

Thomas J. Long
Senior Environmental Scientist
Enterprise Products Company
614 Reilly Ave.
Farmington, New Mexico 87401
505-599-2286 (office)
505-215-4727 (Cell)
tjlong@eprod.com

Enterprise Products

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, June 21, 2024 9:02 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 356538

[Use caution with links/attachments]

To whom it may concern (c/o Thomas Long for Enterprise Field Services, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nJK1201237146.

The sampling event is expected to take place:

When: 07/28/2024 @ 09:00
Where: K-26-28N-11W 0 FNL 0 FEL (36.63197,-107.97408)

Additional Information: Ensolum, LLC

Additional Instructions: This is a groundwater sampling event.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to

19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

[**EXTERNAL EMAIL**]

Sent from Nine Work<http://www.9folders.com/>

From: OCDOnline@state.nm.us
Sent: Wednesday, November 20, 2024 4:45 PM
To: Drewry, Scott
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 378289

[Use caution with links/attachments]

To whom it may concern (c/o Scott Drewry for Enterprise Field Services, LLC),

The OCD has approved the submitted Ground Water Abatement (GROUND WATER ABATEMENT), for incident ID (n#) nJK1201237146,
with the following conditions:

* Review of the 2023 Groundwater Monitoring Report for Trunk 6C Kutz Wash Pipeline Release: content satisfactory 1. Continue to conduct semi-annual groundwater monitoring at the site as prescribed. 2. Please prepare to submit a stage 2 abatement plan within sixty (90) days from the date of this approval, by 02/17/2025, with the development and assessment of options for abatement as per 19.15.30.13<https://urldefense.com/v3/__http://19.15.30.13__;!!AT8jIA!9i46Bs2oWruTHL_zU8D-xOF_8MLDOEIQsI4lC_0X4ForarwMClYJwdm0wctefWwsNNacD7Ej1K2E0mt3NmSm$> paragraph (D). 3. Replace monitoring well (MW-12) to assess COC concentrations in soil and groundwater as requested by NMOCD. 4. Submit the 2024 annual groundwater monitoring report no later than April 1, 2025.

The signed GROUND WATER ABATEMENT can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Michael Buchanan
Environmental Specialist
505-490-0798
Michael.Buchanan@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: Buchanan, Michael, EMNRD
To: Kyle Summers
Cc: Phipps, Valerie; Jacobson, Tucker
Subject: RE: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 378289 (nJK1201237146)...aka Trunk 6C Kutz Wash
Date: Friday, February 7, 2025 9:06:21 AM

[**EXTERNAL EMAIL**]

Correction, the new date will be Monday, May 19. 2025.

Thanks,

-----Original Message-----
From: Buchanan, Michael, EMNRD
Sent: Friday, February 7, 2025 9:05 AM
To: Kyle Summers <ksummers@ensolum.com>
Cc: Phipps, Valerie <VPhipps@eprod.com>; Jacobson, Tucker <WTJACOBSON@eprod.com>
Subject: RE: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 378289 (nJK1201237146)...aka Trunk 6C Kutz Wash

Good morning, Kyle

The ninety (90) day request for extension to submit the stage 2 abatement plan for the Trunk 6C Kutz Wash incident Application ID: 378289 (nJK1201237146) is approved. The final date to submit the report is now May 18, 2025. This will be updated in the incident file to reflect this change.

Thank you,

-----Original Message-----
From: Kyle Summers <ksummers@ensolum.com>
Sent: Sunday, February 2, 2025 6:10 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Phipps, Valerie <VPhipps@eprod.com>; Jacobson, Tucker <WTJACOBSON@eprod.com>
Subject: RE: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 378289 (nJK1201237146)...aka Trunk 6C Kutz Wash

Mr. Buchanan,
I am sending this a day earlier than I had previously indicated as I will likely be travelling tomorrow. As per our phone discussions last week and previously, I am requesting a 90 day extension for the Stage 2 Abatement Plan (currently due on 02/17/2025 for the site referenced in the embedded email (nJK1201237146)) on behalf of Enterprise Field Services, LLC. We recently received the analytical results from the last groundwater sampling event that addresses the NMOCD PAH and TPH analyses that were requested last year and we would like to be able to complete and contemplate the 2024 annual report and results before submitting the Stage 2 Abatement Plan. I think it would also be beneficial for all parties if we have the opportunity to further discuss remedial options for the site under the current NMOCD regulations when your schedule allows. Let me know if you have any questions, comments.

Respectfully,
Kyle Summers

Kyle Summers
Principal

903-821-5603
Ensolum, LLC

-----Original Message-----
From: Drewry, Scott <sdrewry@eprod.com>
Sent: Thursday, November 21, 2024 6:29 PM
To: Kyle Summers <ksummers@ensolum.com>; Phipps, Valerie <VPhipps@eprod.com>; Jacobson, Tucker <WTJACOBSON@eprod.com>
Subject: Fw: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 378289

[**EXTERNAL EMAIL**]

Sent from Nine Work<http://www.9folders.com/> _____
From: OCDOnline@state.nm.us
Sent: Wednesday, November 20, 2024 4:45 PM
To: Drewry, Scott
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 378289

[Use caution with links/attachments]

To whom it may concern (c/o Scott Drewry for Enterprise Field Services, LLC),

The OCD has approved the submitted Ground Water Abatement (GROUND WATER ABATEMENT), for incident ID (n#) nJK1201237146, with the following conditions:

* Review of the 2023 Groundwater Monitoring Report for Trunk 6C Kutz Wash Pipeline Release: content satisfactory 1. Continue to conduct semi-annual groundwater monitoring at the site as prescribed. 2. Please prepare to submit a stage 2 abatement plan within sixty (90) days from the date of this approval, by 02/17/2025, with the development and assessment of options for abatement as per 19.15.30.13<https://urldefense.com/v3/__http://19.15.30.13__;!!AT8jIA!9i46Bs2oWruTHL_zU8D-xOF_8MLDOEIQsI4lC_0X4ForarwMClYJwdm0wctefWwsNNacD7Ej1K2E0mt3NmSm$> paragraph (D). 3. Replace monitoring well (MW-12) to assess COC concentrations in soil and groundwater as requested by NMOCD. 4. Submit the 2024 annual groundwater monitoring report no later than April 1, 2025.

The signed GROUND WATER ABATEMENT can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Michael Buchanan
Environmental Specialist
505-490-0798
Michael.Buchanan@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

ENSOLUM

APPENDIX C

Tables

ENSOLUM

TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-1	9.7.12	**2,200**	350	68	**650**
	12.20.12	**1,100**	250	37	180
	3.20.13	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	6.19.13	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	9.17.13	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	12.16.13	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	3.14.15	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	9.9.15	**1,900**	440	54	400
	6.15.15	**6,900**	**2,700**	170	**1,400**
	12.7.15	**3,900**	**1,400**	120	**870**
	6.2.16	**1,400**	**850**	41	330
	12.20.16	**76**	59	2.5	23
	6.28.17	**3,500**	**4,200**	180	**1,800**
	1.10.18	**1,300**	710	59	350
	6.22.18	**3,800**	**2,400**	140	**740**
	12.14.18	**590**	400	33	99
	8.21.19	**800**	510	46	150
	1.13.20	**940**	540	61	190
	6.4.20	**1,400**	740	95	270
	11.24.20	**730**	290	61	180
	6.24.21	**750**	540	72	230
	12.14.21	**430**	100	59	170
	6.15.22	**230**	7.4	35	86
	12.7.22	**400**	30	64	160
	6.23.23	**140**	<20	28	82
	12.8.23	**140**	9.1	39	120
	7.17.24	**11**	<1.0	4.4	15
	1.14.25	**37**	1.7	17	50

ENSOLUM

TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-2	9.7.12	**270**	**1,100**	66	**1,800**
	12.20.12	**26**	49	5.1	250
	3.20.13	<5.0	<5.0	<5.0	67
	6.19.13	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	9.17.13	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	9.17.13	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	12.16.13	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	3.14.14	**1,200**	**1,600**	74	**660**
	9.9.14	**78**	76	2.9	110
	6.15.15	<1.0	1.1	<1.0	44
	12.7.15	<1.0	<1.0	<1.0	13
	6.2.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.9.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.14.18	<1.0	<1.0	<1.0	<2.0
	8.21.19	<1.0	<1.0	<1.0	<2.0
	1.10.20	<1.0	<1.0	<1.0	<2.0
	6.4.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<2.0
	6.23.21	<1.0	<1.0	<1.0	<1.5
	12.13.21	<1.0	<1.0	<1.0	<2.0
	6.15.22	<1.0	<1.0	<1.0	<2.0
	12.7.22	<1.0	<1.0	<1.0	<1.5
	6.23.23	<1.0	<1.0	<1.0	<2.0
	12.8.23	<1.0	<1.0	<1.0	<2.0
	7.17.24	<1.0	<1.0	<1.0	<2.0
	1.13.25	<1.0	<1.0	<1.0	<2.0

ENSOLUM

TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-3	9.7.12	<2.0	<2.0	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	<4.0
	3.20.13	<2.0	<2.0	<2.0	<4.0
	6.19.13	**780**	130	2.5	15
	9.18.13	**150**	28	<5.0	15
	12.16.13	**660**	340	16	130
	3.14.14	**200**	86	4.0	49
	9.9.14	2.5	1.7	<1.0	3.3
	6.12.15	1.3	<1.0	<1.0	2.2
	12.7.15	<1.0	<1.0	<1.0	<2.0
	6.2.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.28.17	<1.0	<1.0	<1.0	<2.0
	1.9.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.14.18	<1.0	<1.0	<1.0	<2.0
	8.21.19	<1.0	<1.0	<1.0	<2.0
	1.10.20	<1.0	<1.0	<1.0	<2.0
	6.4.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<1.5
	6.23.21	<1.0	<1.0	<1.0	<1.5
	12.14.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.6.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.8.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.14.25	<1.0	<1.0	<1.0	<2.0

ENSOLUM

TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-4	9.7.12	**18**	5.1	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	<4.0
	3.20.13	**290**	110	<2.0	15
	6.19.13	**600**	45	<10	<20
	9.18.13	**830**	39	<20	<30
	12.16.13	**300**	110	10	63
	3.14.14	4.0	<1.0	<1.0	<3.0
	9.9.14	<2.0	<2.0	<2.0	<4.0
	6.11.15	<1.0	<1.0	<1.0	<2.0
	12.4.15	<1.0	<1.0	<1.0	<2.0
	6.2.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.28.17	<1.0	<1.0	<1.0	<2.0
	1.9.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	<1.0	<1.0	<1.0	<2.0
	8.22.19	<1.0	<1.0	<1.0	<2.0
	1.10.20	<1.0	<1.0	<1.0	<2.0
	6.4.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<1.5
	6.24.21	<1.0	<1.0	<1.0	<1.5
	12.14.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.7.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.7.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.13.25	<1.0	<1.0	<1.0	<2.0

ENSOLUM

TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-5	9.7.12	<2.0	<2.0	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	<4.0
	3.21.13	1.9	<1.0	3.8	9.7
	3.20.13	<2.0	<2.0	<2.0	<4.0
	6.19.13	<1.0	<1.0	<1.0	<2.0
	9.17.13	<1.0	<1.0	<1.0	<1.5
	12.16.13	2.1	4.7	4.0	17
	3.14.14	<1.0	<1.0	<1.0	<3.0
	9.9.14	<1.0	<1.0	<1.0	<2.0
	6.12.15	<1.0	<1.0	<1.0	<2.0
	12.4.15	<1.0	<1.0	<1.0	<2.0
	6.2.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.9.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	<1.0	<1.0	<1.0	<2.0
	8.22.19	<1.0	<1.0	<1.0	<2.0
	1.10.20	<1.0	<1.0	<1.0	<2.0
	6.4.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<2.0
	6.24.21	<1.0	<1.0	<1.0	<1.5
	12.14.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.7.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.7.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.13.25	<1.0	<1.0	<1.0	<2.0

ENSOLUM

TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-6	9.7.12	<5.0	<5.0	260	**2,200**
	12.20.12	<5.0	<5.0	180	**1,200**
	3.20.13	<5.0	<5.0	120	**800**
	6.19.13	9.6	6.2	150	**1,100**
	9.18.13	<5.0	<5.0	180	**1,200**
	12.16.13	<5.0	<5.0	140	**990**
	3.14.14	<1.0	<1.0	150	**990**
	9.9.14	<5.0	<5.0	49	400
	6.12.15	<5.0	<5.0	89	590
	12.4.15	<2.5	<5.0	41	210
	6.2.16	<1.0	<1.0	16	70
	12.19.16	<1.0	<1.0	26	80
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.9.18	<1.0	<1.0	3.6	12
	6.21.18	<1.0	<1.0	2.1	5.9
	12.13.18	<1.0	<1.0	2.7	9.8
	8.22.19	<1.0	<1.0	<1.0	<2.0
	1.10.20	<1.0	<1.0	<1.0	<2.0
	6.5.20	<1.0	<1.0	5.1	17
	11.24.20	<1.0	<1.0	<1.0	<2.0
	6.24.21	<1.0	<1.0	<1.0	<1.5
	12.14.21	<1.0	<1.0	1.2	8.0
	6.15.22[B]	NS	NS	NS	NS
	12.7.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.7.23	<1.0	<1.0	7.8	24
	7.17.24[B]	NS	NS	NS	NS
	1.13.25	<1.0	<1.0	<1.0	<2.0

ENSOLUM

TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-7	9.7.12	<2.0	<2.0	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	2.4
	3.20.13	<2.0	<2.0	<2.0	<4.0
	6.19.13	<1.0	<1.0	<1.0	<2.0
	9.17.13	3.9	<1.0	1.4	5.7
	9.17.13	<1.0	<1.0	<1.0	<1.5
	12.16.13	1.6	3.9	3.6	16
	3.14.14	<1.0	<1.0	<1.0	<3.0
	9.9.14	<1.0	<1.0	<1.0	<2.0
	6.12.15	<1.0	<1.0	<1.0	<2.0
	12.7.15	<1.0	<1.0	<1.0	<2.0
	6.2.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.9.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	<1.0	<1.0	<1.0	<2.0
	8.21.19	<1.0	<1.0	<1.0	<2.0
	1.10.20	<1.0	<1.0	<1.0	<2.0
	6.5.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<2.0
	6.23.21	<1.0	<1.0	<1.0	<1.5
	12.14.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.6.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.7.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.13.25	<1.0	<1.0	<1.0	<2.0

ENSOLUM

TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		**10[A]**	**750[A]**	**750[A]**	**620[A]**
MW-8	9.7.12	**41**	40	3.8	320
	12.20.12	<2.0	<2.0	<2.0	20
	3.20.13	**41**	36	<2.0	89
	6.19.13	**21**	12	<1.0	6.8
	9.18.13	<1.0	<1.0	3.4	27
	12.16.13	**18**	21	5.1	74
	3.14.14	**66**	190	10	210
	9.9.14	**NAPL****	**NAPL****	**NAPL****	**NAPL****
	6.15.15	<1.0	<1.0	<1.0	10
	12.7.15	1.3	<1.0	<1.0	53
	6.2.16	4.0	1.6	<1.0	5.1
	12.19.16	<1.0	<1.0	<1.0	2.1
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.9.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.14.18	<1.0	<1.0	<1.0	<2.0
	8.21.19	<1.0	<1.0	<1.0	<2.0
	1.10.20	<1.0	<1.0	<1.0	<2.0
	6.5.20	<1.0	<1.0	<1.0	1.9
	11.24.20	<1.0	<1.0	<1.0	<2.0
	6.23.21	<1.0	<1.0	<1.0	<1.5
	12.13.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.6.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.7.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.13.25	<1.0	<1.0	<1.0	2.9

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TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-9	9.7.12	<2.0	2.4	<2.0	<4.0
	12.20.12	<2.0	<2.0	<2.0	<4.0
	3.20.13	<2.0	<2.0	<2.0	<4.0
	6.19.13	<1.0	<1.0	<1.0	<2.0
	9.17.13	<1.0	<1.0	<1.0	<1.5
	12.16.13	1.5	3.5	2.9	12
	3.14.14	<1.0	<1.0	<1.0	<3.0
	9.9.14	<2.0	<2.0	<2.0	<4.0
	6.11.15	<1.0	<1.0	<1.0	<2.0
	12.4.15	<1.0	<1.0	<1.0	<2.0
	6.2.16	<1.0	<1.0	<1.0	<2.0
	12.19.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.9.18	<1.0	<1.0	<1.0	<2.0
	6.21.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	<1.0	<1.0	<1.0	<2.0
	8.22.19	<1.0	<1.0	<1.0	<2.0
	1.10.20	<1.0	<1.0	<1.0	<2.0
	6.4.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<1.5
	6.24.21	<1.0	<1.0	<1.0	<1.5
	12.14.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.7.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.7.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.13.25	<1.0	<1.0	<1.0	<2.0

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TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-10	12.16.13	**950**	34	12	39
	3.14.14	**560**	4.0	16	27
	9.9.14	**580**	<10	34	<20
	6.15.15	**75**	<1.0	12	2.9
	12.7.15	**17**	<1.0	2.0	<2.0
	6.03.16	**16**	<1.0	<1.0	<2.0
	12.20.16	4.8	<1.0	<1.0	<1.5
	6.27.17	3.4	<1.0	<1.0	<2.0
	1.10.18	<1.0	<1.0	<1.0	<2.0
	6.22.18	5.0	<1.0	<1.0	2.7
	12.14.18	<1.0	<1.0	<1.0	<2.0
	8.22.19	<1.0	<1.0	<1.0	<2.0
	1.13.20	<1.0	<1.0	<1.0	<2.0
	6.4.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<2.0
	6.23.21	<1.0	<1.0	<1.0	<1.5
	12.13.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.6.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.8.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.14.25	<1.0	<1.0	<1.0	<2.0

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TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-11	12.16.13	2.6	3.5	<1.0	6
	3.14.14	<1.0	<1.0	<1.0	<3.0
	9.9.14	<2.0	<2.0	<2.0	<4.0
	6.12.15	<1.0	<1.0	<1.0	<2.0
	12.4.15	<1.0	<1.0	<1.0	<2.0
	6.3.16	<1.0	<1.0	<1.0	<2.0
	12.20.16	<1.0	<1.0	<1.0	<1.5
	6.28.17	Insufficient volume of water to sample.			
	1.10.18	<1.0	<1.0	<1.0	<1.5
	6.22.18	<1.0	<1.0	<1.0	<1.5
	12.14.18	<1.0	<1.0	<1.0	<2.0
	8.22.19	<1.0	<1.0	<1.0	<2.0
	1.14.20	<1.0	<1.0	<1.0	<2.0
	6.4.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<1.5
	6.23.21	<1.0	<1.0	<1.0	<1.5
	12.13.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.6.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.8.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.14.25	<1.0	<1.0	<1.0	<2.0

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TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-12	12.16.13	3.3	3.8	<1.0	6
	3.14.14	<1.0	<1.0	<1.0	<3.0
	9.9.14	<2.0	<2.0	<2.0	<4.0
	6.12.15	Casing Obstruction			
	12.4.15	Casing Obstruction			
	6.2.16	Casing Obstruction			
	12.20.16	Casing Obstruction			
	6.27.17	Casing Obstruction			
	1.10.18	Casing Obstruction			
	6.21.18	Casing Obstruction			
	12.13.18	Casing Obstruction			
	8.22.19	Casing Obstruction			
	1.10.20	Casing Obstruction			
	6.4.20	Casing Obstruction			
	11.24.20	Casing Obstruction			
	6.24.21	Casing Obstruction			
	12.15.21	Casing Obstruction			
	6.15.22	Casing Obstruction			
	12.6.22	Casing Obstruction			
	6.23.23	Casing Obstruction			
	12.7.23	Casing Obstruction			
	7.17.24	Casing Obstruction			
	1.14.25	Casing Obstruction			

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TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-13	12.16.13	4.4	5.1	1.2	8
	3.14.14	<1.0	<1.0	<1.0	<3.0
	9.9.14	<2.0	<2.0	<2.0	<4.0
	6.15.15	<1.0	<1.0	<1.0	<2.0
	12.4.15	<1.0	<1.0	<1.0	<2.0
	6.3.16	<1.0	<1.0	<1.0	<2.0
	12.20.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.10.18	<1.0	<1.0	<1.0	<2.0
	6.22.18	<1.0	<1.0	<1.0	<1.5
	12.14.18	<1.0	<1.0	<1.0	<2.0
	8.22.19	<1.0	<1.0	<1.0	<2.0
	1.14.20	<1.0	<1.0	<1.0	<2.0
	6.5.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<2.0
	6.23.21	<1.0	<1.0	<1.0	<1.5
	12.14.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.6.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.8.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.14.25	<1.0	<1.0	<1.0	<2.0

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TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-14	9.16.16	<1.0	<1.0	<1.0	<2.0
	12.20.16	<1.0	<1.0	<1.0	<1.5
	6.27.17	<1.0	<1.0	<1.0	<2.0
	1.10.18	<1.0	<1.0	<1.0	<2.0
	6.22.18	<1.0	<1.0	<1.0	<1.5
	12.13.18	2.7	<1.0	<1.0	6.1
	8.21.19	<1.0	<1.0	<1.0	<2.0
	1.13.20	<1.0	<1.0	<1.0	<2.0
	6.5.20	<1.0	<1.0	<1.0	<1.5
	11.24.20	<1.0	<1.0	<1.0	<2.0
	6.23.21	<1.0	<1.0	<1.0	<1.5
	12.13.21	<1.0	<1.0	<1.0	<2.0
	6.15.22[B]	NS	NS	NS	NS
	12.6.22	<1.0	<1.0	<1.0	<1.5
	6.23.23[B]	NS	NS	NS	NS
	12.7.23	<1.0	<1.0	<1.0	<2.0
	7.17.24[B]	NS	NS	NS	NS
	1.14.25	<1.0	<1.0	<1.0	<2.0
MW-15	9.16.16	3.6	<1.0	4.1	43
	12.20.16	<1.0	<1.0	6.2	87
	6.27.17	4.1	<1.0	4.6	89
	1.10.18	4.7	<1.0	2.8	33
	6.21.18	6.5	<1.0	2.6	13
	12.13.18	1.2	<1.0	<1.0	<2.0
	8.21.19	<1.0	<1.0	<1.0	<2.0
	1.13.20	<1.0	<1.0	1.4	23
	6.5.20	<1.0	<1.0	4.7	49
	11.24.20	<1.0	<1.0	<1.0	15
	6.23.21	<1.0	<1.0	1.8	29
	12.13.21	<1.0	<1.0	<1.0	11
	6.15.22[B]	NS	NS	NS	NS
	12.6.22	<1.0	<1.0	<1.0	5.2
	6.23.23[B]	NS	NS	NS	NS
	12.7.23	2.1	<1.0	<1.0	2.6
	7.17.24[B]	NS	NS	NS	NS
	1.13.25	6.6	<1.0	1.9	16

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TABLE 1
Trunk 6C Kutz Wash
GROUNDWATER BTEX ANALYTICAL SUMMARY

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		10[A]	750[A]	750[A]	620[A]
MW-17	9.16.16	**380**	**790**	33	**1,200**
	12.20.16	**200**	100	11	310
	6.28.17	**130**	<5.0	<5.0	**950**
	1.10.18	5.2	2.2	1.2	13
	6.22.18	**29**	<1.0	2.4	<1.5
	12.14.18	**29**	<1.0	1.8	<2.0
	8.22.19	4.1	<1.0	<1.0	<2.0
	1.13.20	2.2	<1.0	<1.0	<2.0
	6.5.20	**17**	<1.0	<1.0	<1.5
	11.24.20	8.7	<1.0	<1.0	<1.5
	6.24.21	**13**	<1.0	<1.0	<1.5
	12.14.21	4.3	<1.0	<1.0	<2.0
	6.15.22	2.4	<1.0	<1.0	<2.0
	12.7.22	**36**	<1.0	<1.0	2.6
	6.23.23	3.3	<1.0	<1.0	<2.0
	12.8.23	3.9	<1.0	<1.0	<2.0
	7.17.24	<1.0	<1.0	<1.0	<2.0
	1.14.25	3.1	<1.0	<1.0	2.4

*Note: Concentrations in **bold** and yellow exceed the applicable WQCC GQS*

[A] = NMAC 20.6.2 was amended (12/21/18). This table reflects the groundwater quality standards indicated in the approved Stage 1 Abatement Plan.

[B] = In an email from the NM EMNRD OCD on December 28, 2021, the OCD approved the reduction of sampling frequency for monitoring wells MW-3 through MW-11, MW-13, MW-14, and MW-15.

NS = Not Sampled.

µg/L = micrograms per liter

NAPL = Non-aqueous phase liquid

*** - Field personnel recorded the presence of NAPL utilizing an interface probe, but the product was not visually verified.*

<1.0 = the numeral (in this case "1.0") identifies the laboratory RL or PQL

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TABLE 1A
Trunk 6C Kutz Wash
GROUNDWATER PAH/TPH ANALYTICAL SUMMARY

Sample I.D.	Sample Date	TPH GRO (mg/L)	TPH DRO (mg/L)	TPH MRO (mg/L)	Total TPH (mg/L)	1-Methylnaphthalene (ug/L)	2-Methylnaphthalene (ug/L)	Total Naphthalenes (ug/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**30**
MW-1	7.17.25	0.23	<1.0	<5.0	0.23	0.84	1	1.84
MW-2	7.17.25	<0.050	<1.0	<5.0	<5.0	<0.30	<0.30	<0.30
MW-8	1.13.25	<0.050	<1.0	<5.0	<5.0	<0.57	<0.57	<0.57
MW-17	7.17.25	<0.050	<1.0	<5.0	<5.0	<0.30	<0.30	<0.30

*Note: Concentrations in **bold** and yellow exceed the applicable WQCC GQS*

NE = Not Established.

NS = Not Sampled.

µg/L = micrograms per liter

mg/L = miligrams per liter

<1.0 = the numeral (in this case "1.0") identifies the laboratory RL or PQL

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-1*	9.7.12	ND	15.78	ND	27.43	12.43-27.43	5579.73	5563.95
	12.20.12	ND	15.69	ND				5564.04
	3.20.13	15.31	15.73	0.42				5564.31
	6.19.13	15.49	15.75	0.26				5564.17
	9.17.13	15.79	16.27	0.48				5563.81
	12.16.13	15.59	15.75	0.16				5564.10
	3.14.14	15.35	15.36	0.01				5564.38
	9.9.14	15.98	15.99	0.01				5563.75
	6.10.15	15.29	15.30	0.01				5564.44
	12.04.15	ND	15.81	ND				5563.92
	6.02.16	ND	15.41	ND				5564.32
	9.16.16	16.12	16.13	0.01			5579.43	5563.31
	12.19.16	ND	15.83	ND				5563.60
	6.27.17	ND	15.39	ND				5564.04
	1.09.18	ND	15.61	ND				5563.82
	6.21.18	ND	15.65	ND				5563.78
	12.13.18	ND	15.89	ND				5563.54
	8.20.19	ND	16.02	ND				5563.41
	1.07.20	ND	15.79	ND				5563.64
	6.4.20	ND	15.63	ND				5563.80
	11.24.20	ND	16.06	ND				5563.37
	6.23.21	ND	15.93	ND				5563.50
	12.13.21	ND	15.94	ND				5563.49
	6.15.22	ND	15.71	ND				5563.72
	12.6.22	ND	15.66	ND				5563.77
	6.23.23	ND	15.23	ND				5564.20
	12.7.23	ND	15.47	ND				5563.96
	7.17.24	ND	15.48	ND				5563.95
	1.9.25	ND	15.40	ND				5564.03

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-2*	9.7.12	ND	16.29	ND	25.62	10.62-25.62	5579.39	5563.10
	12.20.12	ND	16.22	ND				5563.17
	3.20.13	ND	15.97	ND				5563.42
	6.19.13	15.96	16.40	0.44				5563.31
	9.17.13	16.40	16.54	0.14				5562.95
	12.16.13	16.14	16.22	0.08				5563.23
	3.14.14	ND	15.89	ND				5563.50
	9.9.14	ND	16.50	ND				5562.89
	6.10.15	ND	15.81	ND				5563.58
	12.04.15	ND	16.32	ND				5563.07
	6.02.16	ND	15.93	ND				5563.46
	9.16.16	ND	16.61	ND			5579.15	5562.54
	12.19.16	ND	16.35	ND				5562.80
	6.27.17	ND	15.95	ND				5563.20
	1.09.18	ND	16.13	ND				5563.02
	6.21.18	ND	16.19	ND				5562.96
	12.13.18	ND	16.45	ND				5562.70
	8.20.19	ND	16.52	ND				5562.63
	1.07.20	ND	16.35	ND				5562.80
	6.4.20	ND	16.16	ND				5562.99
	11.24.20	ND	16.62	ND				5562.53
	6.23.21	ND	16.43	ND				5562.72
	12.13.21	ND	16.47	ND				5562.68
	6.15.22	ND	16.23	ND				5562.92
	12.6.22	ND	16.21	ND				5562.94
	6.23.23	ND	15.77	ND				5563.38
	12.7.23	ND	16.02	ND				5563.13
	7.17.24	ND	15.99	ND				5563.16
	1.9.25	ND	16.00	ND				5563.15

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-3*	9.7.12	ND	15.98	ND	25.57	10.57-25.57	5579.52	5563.54
	12.20.12	ND	15.79	ND				5563.73
	3.20.13	ND	15.50	ND				5564.02
	6.19.13	ND	15.66	ND				5563.86
	9.18.13	ND	15.96	ND				5563.56
	12.16.13	ND	15.70	ND				5563.82
	3.14.14	ND	15.39	ND				5564.13
	9.9.14	ND	16.10	ND				5563.42
	6.10.15	ND	15.28	ND				5564.24
	12.04.15	ND	15.87	ND				5563.65
	6.02.16	ND	15.47	ND				5564.05
	9.16.16	ND	16.24	ND			5579.24	5563.00
	12.19.16	ND	15.87	ND				5563.37
	6.27.17	ND	15.45	ND				5563.79
	1.09.18	ND	15.65	ND				5563.59
	6.21.18	ND	15.76	ND				5563.48
	12.13.18	ND	15.97	ND				5563.27
	8.20.19	ND	16.14	ND				5563.10
	1.07.20	ND	15.85	ND				5563.39
	6.4.20	ND	15.69	ND				5563.55
	11.24.20	ND	16.13	ND				5563.11
	6.23.21	ND	16.02	ND				5563.22
	12.13.21	ND	15.98	ND				5563.26
	6.15.22	ND	15.78	ND				5563.46
	12.6.22	ND	15.65	ND				5563.59
	6.23.23	ND	15.24	ND				5564.00
	12.7.23	ND	15.47	ND				5563.77
	7.17.24	ND	15.52	ND				5563.72
	1.9.25	ND	15.46	ND				5563.78

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-4*	9.7.12	ND	15.59	ND	25.26	10.26-25.26	5580.36	5564.77
	12.20.12	ND	15.51	ND				5564.85
	3.20.13	ND	15.25	ND				5565.11
	6.19.13	ND	15.41	ND				5564.95
	9.18.13	ND	15.74	ND				5564.62
	12.16.13	ND	15.45	ND				5564.91
	3.14.14	ND	15.14	ND				5565.22
	9.9.14	ND	15.80	ND				5564.56
	6.10.15	ND	15.06	ND				5565.30
	12.04.15	ND	15.56	ND				5564.80
	6.02.16	ND	15.22	ND				5565.14
	9.16.16	ND	15.92	ND			5579.95	5564.03
	12.19.16	ND	15.55	ND				5564.40
	6.27.17	ND	15.22	ND				5564.73
	1.09.18	ND	15.34	ND				5564.61
	6.21.18	ND	15.45	ND				5564.50
	12.13.18	ND	15.60	ND				5564.35
	8.20.19	ND	15.80	ND				5564.15
	1.07.20	ND	15.50	ND				5564.45
	6.4.20	ND	15.41	ND				5564.54
	11.24.20	ND	15.80	ND				5564.15
	6.23.21	ND	15.73	ND				5564.22
	12.13.21	ND	15.66	ND				5564.29
	6.15.22	ND	15.52	ND				5564.43
	12.6.22	ND	15.42	ND				5564.53
	6.23.23	ND	15.09	ND				5564.86
	12.7.23	ND	15.21	ND				5564.74
	7.17.24	ND	15.32	ND				5564.63
	1.9.25	ND	15.21	ND				5564.74

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-5*	9.7.12	ND	19.35	ND	25.58	10.58-25.58	5583.53	5564.18
	12.20.12	ND	19.28	ND				5564.25
	3.20.13	ND	19.10	ND				5564.43
	6.19.13	ND	19.21	ND				5564.32
	9.17.13	ND	19.55	ND				5563.98
	12.16.13	ND	19.28	ND				5564.25
	3.14.14	ND	19.03	ND				5564.50
	9.9.14	ND	19.58	ND				5563.95
	6.10.15	ND	18.98	ND				5564.55
	12.04.15	ND	19.41	ND				5564.12
	6.02.16	ND	19.08	ND				5564.45
	9.16.16	ND	19.69	ND			5583.41	5563.72
	12.19.16	ND	19.42	ND				5563.99
	6.27.17	ND	19.12	ND				5564.29
	1.09.18	ND	19.22	ND				5564.19
	6.21.18	ND	19.27	ND				5564.14
	12.13.18	ND	19.44	ND				5563.97
	8.20.19	ND	19.60	ND				5563.81
	1.07.20	ND	19.39	ND				5564.02
	6.4.20	ND	19.27	ND				5564.14
	11.24.20[A]	ND	20.66	ND				5562.75
	6.23.21	ND	19.55	ND				5563.86
	12.13.21	ND	19.55	ND				5563.86
	6.15.22	ND	19.36	ND				5564.05
	12.6.22	ND	19.38	ND				5564.03
	6.23.23	ND	19.00	ND				5564.41
	12.7.23	ND	19.22	ND				5564.19
	7.17.24	ND	19.19	ND				5564.22
	1.9.25	ND	19.14	ND				5564.27

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-6*	9.7.12	ND	18.55	ND	25.50	10.50-25.50	5582.22	5563.67
	12.20.12	ND	18.49	ND				5563.73
	3.20.13	ND	18.27	ND				5563.95
	6.19.13	ND	18.38	ND				5563.84
	9.18.13	ND	18.74	ND				5563.48
	12.16.13	ND	18.46	ND				5563.76
	3.14.14	ND	18.21	ND				5564.01
	9.9.14	ND	18.75	ND				5563.47
	6.10.15	ND	18.16	ND				5564.06
	12.04.15	ND	18.60	ND				5563.62
	6.02.16	ND	18.25	ND				5563.97
	9.16.16	ND	18.86	ND			5581.98	5563.12
	12.19.16	ND	18.61	ND				5563.37
	6.27.17	ND	18.29	ND				5563.69
	1.09.18	ND	18.43	ND				5563.55
	6.21.18	ND	18.47	ND				5563.51
	12.13.18	ND	18.70	ND				5563.28
	8.20.19	ND	18.79	ND				5563.19
	1.07.20	ND	18.61	ND				5563.37
	6.4.20	ND	18.47	ND				5563.51
	11.24.20	ND	18.88	ND				5563.10
	6.23.21	ND	18.74	ND				5563.24
	12.13.21	ND	18.78	ND				5563.20
	6.15.22	ND	18.58	ND				5563.40
	6.15.22	ND	18.58	ND				5563.40
	12.6.22	ND	18.59	ND				5563.39
	6.23.23	ND	18.20	ND				5563.78
	12.7.23	ND	18.42	ND				5563.56
	7.17.24	ND	18.39	ND				5563.59
	1.9.25	ND	18.36	ND				5563.62

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-7*	9.7.12	ND	19.03	ND	25.85	10.85-25.85	5582.24	5563.21
	12.20.12	ND	18.97	ND				5563.27
	3.20.13	ND	18.79	ND				5563.45
	6.19.13	ND	18.87	ND				5563.37
	9.17.13	ND	19.22	ND				5563.02
	12.16.13	ND	18.46	ND				5563.78
	3.14.14	ND	18.73	ND				5563.51
	9.9.14	ND	19.24	ND				5563.00
	6.10.15	ND	18.65	ND				5563.59
	12.04.15	ND	19.10	ND				5563.14
	6.02.16	ND	18.76	ND				5563.48
	9.16.16	ND	19.37	ND			5582.05	5562.68
	12.19.16	ND	19.13	ND				5562.92
	6.27.17	ND	18.80	ND				5563.25
	1.09.18	ND	18.95	ND				5563.10
	6.21.18	ND	18.98	ND				5563.07
	12.13.18	ND	19.22	ND				5562.83
	8.20.19	ND	19.31	ND				5562.74
	1.07.20	ND	19.14	ND				5562.91
	6.4.20	ND	19.00	ND				5563.05
	11.24.20	ND	19.39	ND				5562.66
	6.23.21	ND	19.26	ND				5562.79
	12.13.21	ND	19.31	ND				5562.74
	6.15.22	ND	19.10	ND				5562.95
	12.6.22	ND	19.12	ND				5562.93
	6.23.23	ND	18.70	ND				5563.35
	12.7.23	ND	18.95	ND				5563.10
	7.17.24	ND	18.90	ND				5563.15
	1.9.25	ND	18.89	ND				5563.16

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-8*	9.7.12	ND	14.96	ND	24.78	9.78-24.78	5577.81	5562.85
	12.20.12	ND	14.87	ND				5562.94
	3.20.13	ND	14.63	ND				5563.18
	6.19.13	ND	14.74	ND				5563.07
	9.18.13	ND	15.08	ND				5562.73
	12.16.13	ND	14.81	ND				5563.00
	3.14.14	ND	14.53	ND				5563.28
	9.9.14[B]	15.12	15.25	0.13				5562.65
	6.10.15	ND	14.44	ND				5563.37
	12.04.15	ND	14.97	ND				5562.84
	6.02.16	ND	14.61	ND				5563.20
	9.16.16	ND	15.29	ND			5577.47	5562.18
	12.19.16	ND	15.00	ND				5562.47
	6.27.17	ND	14.62	ND				5562.85
	1.09.18	ND	14.80	ND				5562.67
	6.21.18	ND	14.88	ND				5562.59
	12.13.18	ND	15.11	ND				5562.36
	8.20.19	ND	15.22	ND				5562.25
	1.07.20	ND	15.00	ND				5562.47
	6.4.20	ND	14.84	ND				5562.63
	11.24.20	ND	15.26	ND				5562.21
	6.23.21	ND	15.12	ND				5562.35
	12.13.21	ND	15.13	ND				5562.34
	6.15.22	ND	14.92	ND				5562.55
	12.6.22	ND	14.85	ND				5562.62
	6.23.23	ND	14.42	ND				5563.05
	12.7.23	ND	14.66	ND				5562.81
	7.17.24	ND	14.66	ND				5562.81
	1.9.25	ND	14.65	ND				5562.82

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-9*	9.7.12	ND	17.55	ND	25.78	10.78-25.78	5582.48	5564.93
	12.20.12	ND	17.47	ND				5565.01
	3.20.13	ND	17.28	ND				5565.20
	6.19.13	ND	17.42	ND				5565.06
	9.17.13	ND	17.74	ND				5564.74
	12.16.13	ND	17.48	ND				5565.00
	3.14.14	ND	17.21	ND				5565.27
	9.9.14	ND	17.83	ND				5564.65
	6.10.15	ND	17.18	ND				5565.30
	12.04.15	ND	17.61	ND				5564.87
	6.02.16	ND	17.30	ND				5565.18
	9.16.16	ND	17.94	ND			5582.35	5564.41
	12.19.16	ND	17.60	ND				5564.75
	6.27.17	ND	17.34	ND				5565.01
	1.09.18	ND	17.40	ND				5564.95
	6.21.18	ND	17.49	ND				5564.86
	12.13.18	ND	17.63	ND				5564.72
	8.20.19	ND	17.84	ND				5564.51
	1.07.20	ND	17.57	ND				5564.78
	6.4.20	ND	17.48	ND				5564.87
	11.24.20	ND	17.84	ND				5564.51
	6.23.21	ND	17.79	ND				5564.56
	12.13.21	ND	17.74	ND				5564.61
	6.15.22	ND	17.61	ND				5564.74
	12.7.22	ND	17.55	ND				5564.80
	6.23.23	ND	17.24	ND				5565.11
	12.7.23	ND	17.41	ND				5564.94
	7.17.24	ND	17.44	ND				5564.91
	1.9.25	ND	17.37	ND				5564.98

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-10*	12.16.13	ND	16.93	ND	21.36	11.36-21.36	5577.80	5560.87
	3.14.14	ND	14.63	ND				5563.17
	9.9.14	ND	15.34	ND				5562.46
	6.10.15	ND	14.58	ND				5563.22
	12.04.15	ND	15.10	ND				5562.70
	6.02.16	ND	14.74	ND				5563.06
	9.16.16	ND	15.49	ND			5578.10	5562.61
	12.19.16	ND	15.12	ND				5562.98
	6.27.17	ND	14.73	ND				5563.37
	1.09.18	ND	14.90	ND				5563.20
	6.21.18	ND	15.05	ND				5563.05
	12.13.18	ND	15.21	ND				5562.89
	8.20.19	ND	15.38	ND				5562.72
	1.07.20	ND	15.09	ND				5563.01
	6.4.20	ND	14.96	ND				5563.14
	11.24.20	ND	15.38	ND				5562.72
	6.23.21	ND	15.27	ND				5562.83
	12.13.21	ND	15.20	ND				5562.90
	6.15.22	ND	15.05	ND				5563.05
	12.6.22	ND	14.88	ND				5563.22
	6.23.23	ND	14.52	ND				5563.58
	12.7.23	ND	14.75	ND				5563.35
	7.17.24	ND	14.83	ND				5563.27
	1.9.25	ND	14.85	ND				5563.25

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TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-11*	12.16.13	ND	15.15	ND	21.25	11.25-21.25	5578.65	5563.50
	3.14.14	ND	14.82	ND				5563.83
	9.9.14	ND	15.63	ND				5563.02
	6.10.15	ND	14.76	ND				5563.89
	12.04.15	ND	15.35	ND				5563.30
	6.02.16	ND	14.98	ND				5563.67
	9.16.16	ND	15.74	ND			5579.04	5563.30
	12.19.16	ND	15.35	ND				5563.69
	6.27.17	ND	15.00	ND				5564.04
	1.09.18	ND	15.11	ND				5563.93
	6.21.18	ND	15.28	ND				5563.76
	12.13.18	ND	15.45	ND				5563.59
	8.20.19	ND	15.66	ND				5563.38
	1.07.20	ND	15.32	ND				5563.72
	6.4.20	ND	15.16	ND				5563.88
	11.24.20	ND	15.60	ND				5563.44
	6.23.21	ND	15.53	ND				5563.51
	12.13.21	ND	15.42	ND				5563.62
	6.15.22	ND	15.30	ND				5563.74
	12.6.22	ND	15.10	ND				5563.94
	6.23.23	ND	14.77	ND				5564.27
	12.7.23	ND	14.92	ND				5564.12
	7.17.24	ND	15.05	ND				5563.99
	1.9.25	ND	14.95	ND				5564.09

ENSOLUM

TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-12*	12.16.13	ND	15.54	ND	21.36	11.36-21.36	5579.99	5564.45
	3.14.14	ND	15.27	ND				5564.72
	9.9.14	ND	15.96	ND				5564.03
	6.10.15	ND	15.22	ND				5564.77
	12.04.15[C]	NG						NG
	6.02.16[C]	NG						NG
	9.16.16[C]	NG					5580.28	NG
	12.19.16[C]	NG						NG
	6.27.17[C]	NG						NG
	1.09.18[C]	NG						NG
	6.21.18[C]	NG						NG
	12.13.18[C]	NG						NG
	8.20.19[C]	NG						NG
	1.07.20[C]	NG						NG
	6.4.20[C]	NG						NG
	11.24.20[C]	NG						NG
	6.23.21[C]	NG						NG
	12.13.21[C]	NG						NG
	6.15.22C	NG						NG
	12.6.22[C]	NG						NG
	6.23.23[C]	NG						NG
	12.7.23	NG						NG
	7.17.24	NG						NG
	1.9.25	NG						NG

ENSOLUM

TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-13*	12.16.13	ND	19.88	ND	25.26	15.26-25.26	5583.03	5563.15
	3.14.14	ND	19.63	ND				5563.40
	9.9.14	ND	20.18	ND				5562.85
	6.10.15	ND	19.57	ND				5563.46
	12.04.15	ND	20.01	ND				5563.02
	6.02.16	ND	19.67	ND				5563.36
	9.16.16	ND	20.27	ND			5583.34	5563.07
	12.19.16	ND	20.03	ND				5563.31
	6.27.17	ND	19.74	ND				5563.60
	1.09.18	ND	19.85	ND				5563.49
	6.21.18	ND	19.89	ND				5563.45
	12.13.18	ND	20.13	ND				5563.21
	8.20.19	ND	20.22	ND				5563.12
	1.07.20	ND	20.02	ND				5563.32
	6.4.20	ND	19.89	ND				5563.45
	11.24.20	ND	20.28	ND				5563.06
	6.23.21	ND	20.16	ND				5563.18
	12.14.21	ND	20.19	ND				5563.15
	6.15.22	ND	20.01	ND				5563.33
	12.6.22	ND	20.02	ND				5563.32
	6.23.23	ND	19.62	ND				5563.72
	12.7.23	ND	19.85	ND				5563.49
	7.17.24	ND	19.81	ND				5563.53
	1.9.25	ND	19.90	ND				5563.44

ENSOLUM

TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-14	9.16.16	ND	14.48	ND	23.01	13.01-23.01	5576.39	5561.91
	12.19.16	ND	14.18	ND				5562.21
	6.27.17	ND	13.83	ND				5562.56
	1.09.18	ND	13.99	ND				5562.40
	6.21.18	ND	14.10	ND				5562.29
	12.13.18	ND	14.33	ND				5562.06
	8.20.19	ND	14.43	ND				5561.96
	1.07.20	ND	14.21	ND				5562.18
	6.4.20	ND	14.05	ND				5562.34
	11.24.20	ND	14.44	ND				5561.95
	6.23.21	ND	14.33	ND				5562.06
	12.13.21	ND	14.31	ND				5562.08
	6.15.22	ND	14.13	ND				5562.26
	12.6.22	ND	14.04	ND				5562.35
	6.23.23	ND	13.62	ND				5562.77
	12.7.23	ND	13.82	ND				5562.57
	7.17.24	ND	13.86	ND				5562.53
	1.9.25	ND	13.88	ND				5562.51

ENSOLUM

TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-15	9.16.16	ND	16.75	ND	23.15	13.15-23.15	5578.83	5562.08
	12.19.16	ND	16.48	ND				5562.35
	6.27.17	ND	16.12	ND				5562.71
	1.09.18	ND	16.30	ND				5562.53
	6.21.18	ND	16.36	ND				5562.47
	12.13.18	ND	16.60	ND				5562.23
	8.20.19	ND	16.70	ND				5562.13
	1.07.20	ND	16.50	ND				5562.33
	6.4.20	ND	16.35	ND				5562.48
	11.24.20	ND	16.75	ND				5562.08
	6.23.21	ND	16.62	ND				5562.21
	12.13.21	ND	16.64	ND				5562.19
	6.15.22	ND	16.43	ND				5562.40
	12.6.22	ND	16.38	ND				5562.45
	6.23.23	ND	15.96	ND				5562.87
	12.7.23	ND	16.20	ND				5562.63
		ND		ND				5578.83
	7.17.24	ND	16.18	ND				5562.65
	1.9.25	ND	16.19	ND				5562.64

ENSOLUM

TABLE 2
Trunk 6C Kutz Wash
GROUNDWATER ELEVATIONS

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Depth of Well (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevation (feet AMSL)	Groundwater Elevation* (feet AMSL)
MW-17	9.16.16	ND	16.02	ND	22.95	12.95-22.95	5579.86	5563.84
	12.19.16	ND	15.68	ND				5564.18
	6.27.17	ND	15.30	ND				5564.56
	1.09.18	ND	15.45	ND				5564.41
	6.21.18	ND	15.55	ND				5564.31
	12.13.18	ND	15.72	ND				5564.14
	8.20.19	ND	15.91	ND				5563.95
	1.07.20	ND	15.62	ND				5564.24
	6.4.20	ND	15.51	ND				5564.35
	11.24.20	ND	15.90	ND				5563.96
	6.23.21	ND	15.84	ND				5564.02
	12.13.21	ND	15.77	ND				5564.09
	6.15.22	ND	15.62	ND				5564.24
	12.6.22	ND	15.50	ND				5564.36
	6.23.23	ND	15.17	ND				5564.69
	12.7.23	ND	15.35	ND				5564.51
	7.17.24	ND	15.40	ND				5564.46
	1.9.25	ND	15.30	ND				5564.56

BTOC - below top of casing
AMSL - above mean sea level
TOC - top of casing
NG - well not gauged

** - The monitoring wells were resurveyed in September 2016. Groundwater elevations at each well are listed in feet above mean sea level as measured from the TOC elevation.*
Basis of elevation: GPS observations, as measured at set OPUS adjusted control point.

[A] - Suspected misgauge
[B] - Field personnel recorded the presence of NAPL utilizing an interface probe, but the product was not visually verified.
[C] - Monitoring well MW-12 was not sampled during the sampling event due to an obstructed well screen/casing.

ENSOLUM

APPENDIX D

Laboratory Data Sheets & Chain of Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

Generated 8/8/2024 8:39:16 AM

JOB DESCRIPTION

Trunk 6C Kutz Wash

JOB NUMBER

885-8200-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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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8/8/2024 8:39:16 AM

Authorized for release by
John Caldwell, Project Manager
john.caldwell@et.eurofinsus.com
(505)345-3975

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Laboratory Job ID: 885-8200-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-8200-1
Project/Site: Trunk 6C Kutz Wash

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low 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

Case Narrative

Client: Ensolum Job ID: 885-8200-1
Project: Trunk 6C Kutz Wash

Job ID: 885-8200-1 Eurofins Albuquerque

Job Narrative
885-8200-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/18/2024 6:27 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 5.0°C.

GC/MS Semi VOA
Method 8270C_SIM: The continuing calibration verification (CCV) associated with batch 885-9083 recovered above the upper control limit for Benzo[a]anthracene and Indeno[1,2,3-cd]pyrene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-1 (885-8200-2), MW-17 (885-8200-3) and (885-8096-L-1-A).

Method 8270C_SIM: The continuing calibration verification (CCV) associated with batch 885-9083 recovered above the upper control limit for Benzo[a]anthracene and Indeno[1,2,3-cd]pyrene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-2 (885-8200-1), MW-1 (885-8200-2), MW-17 (885-8200-3) and (885-8096-L-1-A).

Method 8270C_SIM: The laboratory control sample (LCS) for preparation batch 885-8791 and analytical batch 885-9083 recovered outside control limits for the following analytes: Benzo[g,h,i]perylene, Benzo[k]fluoranthene and Chrysene. The associated sample(s) was re-prepared and/or re-analyzed outside holding time with passing LCS/LCSD criteria. Reporting original in-hold sample results; sample results confirmed.

Method 8270C_SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 885-9329 and analytical batch 885-9479 recovered outside control limits for the following analytes: Naphthalene.

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.

GC 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.

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Client Sample ID: MW-2

Date Collected: 07/17/24 12:45
Date Received: 07/18/24 06:27

Lab Sample ID: 885-8200-1

Matrix: Water

Method: SW846 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
2-Methylnaphthalene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Acenaphthene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Acenaphthylene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Anthracene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Benzo[a]anthracene	ND		0.50		ug/L		07/19/24 12:42	07/25/24 02:48	1
Benzo[a]pyrene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 02:48	1
Benzo[g,h,i]perylene	ND	*-	0.40		ug/L		07/19/24 12:42	07/25/24 02:48	1
Benzo[k]fluoranthene	ND	*-	0.40		ug/L		07/19/24 12:42	07/25/24 02:48	1
Benzo[b]fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 02:48	1
Chrysene	ND	*-	0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Dibenz(a,h)anthracene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 02:48	1
Fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 02:48	1
Fluorene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Indeno[1,2,3-cd]pyrene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Naphthalene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Phenanthrene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 02:48	1
Pyrene	ND		0.50		ug/L		07/19/24 12:42	07/25/24 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*43*		*16 - 130*	*07/19/24 12:42*	*07/25/24 02:48*	*1*
Nitrobenzene-d5 (Surr)	*37*		*16 - 130*	*07/29/24 08:53*	*08/06/24 04:14*	*1*
2,4,6-Tribromophenol (Surr)	*46*		*15 - 141*	*07/19/24 12:42*	*07/25/24 02:48*	*1*
2,4,6-Tribromophenol (Surr)	*41*		*15 - 141*	*07/29/24 08:53*	*08/06/24 04:14*	*1*
p-Terphenyl-d14 (Surr)	*76*		*40 - 164*	*07/19/24 12:42*	*07/25/24 02:48*	*1*
p-Terphenyl-d14 (Surr)	*51*		*40 - 164*	*07/29/24 08:53*	*08/06/24 04:14*	*1*
2-Fluorobiphenyl (Surr)	*32*		*21 - 130*	*07/19/24 12:42*	*07/25/24 02:48*	*1*
2-Fluorobiphenyl (Surr)	*38*		*21 - 130*	*07/29/24 08:53*	*08/06/24 04:14*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050		mg/L			07/19/24 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 270*		*07/19/24 15:28*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			07/19/24 15:28	1
Ethylbenzene	ND		1.0		ug/L			07/19/24 15:28	1
Toluene	ND		1.0		ug/L			07/19/24 15:28	1
Xylenes, Total	ND		2.0		ug/L			07/19/24 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*43 - 158*		*07/19/24 15:28*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/L		07/22/24 10:45	07/22/24 18:18	1
Motor Oil Range Organics [C28-C40]	ND		5.0		mg/L		07/22/24 10:45	07/22/24 18:18	1

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Job ID: 885-8200-1
Project/Site: Trunk 6C Kutz Wash

Client Sample ID: MW-2
Lab Sample ID: 885-8200-1
Date Collected: 07/17/24 12:45
Matrix: Water
Date Received: 07/18/24 06:27

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	142		46 - 159	07/22/24 10:45	07/22/24 18:18	1

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Client Sample ID: MW-1

Date Collected: 07/17/24 14:40
Date Received: 07/18/24 06:27

Lab Sample ID: 885-8200-2

Matrix: Water

Method: SW846 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.84		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
2-Methylnaphthalene	1.0		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Acenaphthene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Acenaphthylene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Anthracene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Benzo[a]anthracene	ND		0.50		ug/L		07/19/24 12:42	07/25/24 03:31	1
Benzo[a]pyrene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 03:31	1
Benzo[g,h,i]perylene	ND	*-	0.40		ug/L		07/19/24 12:42	07/25/24 03:31	1
Benzo[k]fluoranthene	ND	*-	0.40		ug/L		07/19/24 12:42	07/25/24 03:31	1
Benzo[b]fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 03:31	1
Chrysene	ND	*-	0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Dibenz(a,h)anthracene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 03:31	1
Fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 03:31	1
Fluorene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Indeno[1,2,3-cd]pyrene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Naphthalene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Phenanthrene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 03:31	1
Pyrene	ND		0.50		ug/L		07/19/24 12:42	07/25/24 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*46*		*16 - 130*	*07/19/24 12:42*	*07/25/24 03:31*	*1*
Nitrobenzene-d5 (Surr)	*49*		*16 - 130*	*07/29/24 08:53*	*08/06/24 04:57*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*15 - 141*	*07/19/24 12:42*	*07/25/24 03:31*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*15 - 141*	*07/29/24 08:53*	*08/06/24 04:57*	*1*
p-Terphenyl-d14 (Surr)	*73*		*40 - 164*	*07/19/24 12:42*	*07/25/24 03:31*	*1*
p-Terphenyl-d14 (Surr)	*72*		*40 - 164*	*07/29/24 08:53*	*08/06/24 04:57*	*1*
2-Fluorobiphenyl (Surr)	*36*		*21 - 130*	*07/19/24 12:42*	*07/25/24 03:31*	*1*
2-Fluorobiphenyl (Surr)	*44*		*21 - 130*	*07/29/24 08:53*	*08/06/24 04:57*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	0.23		0.050		mg/L			07/19/24 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 270*		*07/19/24 22:33*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11		1.0		ug/L			07/19/24 22:33	1
Ethylbenzene	4.4		1.0		ug/L			07/19/24 22:33	1
Toluene	ND		1.0		ug/L			07/19/24 22:33	1
Xylenes, Total	15		2.0		ug/L			07/19/24 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*43 - 158*		*07/19/24 22:33*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/L		07/22/24 10:45	07/22/24 18:29	1
Motor Oil Range Organics [C28-C40]	ND		5.0		mg/L		07/22/24 10:45	07/22/24 18:29	1

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Client Sample Results

Client: Ensolum
Job ID: 885-8200-1
Project/Site: Trunk 6C Kutz Wash

Client Sample ID: MW-1
Lab Sample ID: 885-8200-2
Date Collected: 07/17/24 14:40
Matrix: Water
Date Received: 07/18/24 06:27

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	127		46 - 159	07/22/24 10:45	07/22/24 18:29	1

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Client Sample ID: MW-17

Date Collected: 07/17/24 15:50
Date Received: 07/18/24 06:27

Lab Sample ID: 885-8200-3

Matrix: Water

Method: SW846 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
2-Methylnaphthalene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Acenaphthene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Acenaphthylene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Anthracene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Benzo[a]anthracene	ND		0.50		ug/L		07/19/24 12:42	07/25/24 04:15	1
Benzo[a]pyrene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 04:15	1
Benzo[g,h,i]perylene	ND	*-	0.40		ug/L		07/19/24 12:42	07/25/24 04:15	1
Benzo[k]fluoranthene	ND	*-	0.40		ug/L		07/19/24 12:42	07/25/24 04:15	1
Benzo[b]fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 04:15	1
Chrysene	ND	*-	0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Dibenz(a,h)anthracene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 04:15	1
Fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/25/24 04:15	1
Fluorene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Indeno[1,2,3-cd]pyrene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Naphthalene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Phenanthrene	ND		0.30		ug/L		07/19/24 12:42	07/25/24 04:15	1
Pyrene	ND		0.50		ug/L		07/19/24 12:42	07/25/24 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*44*		*16 - 130*	*07/19/24 12:42*	*07/25/24 04:15*	*1*
Nitrobenzene-d5 (Surr)	*62*		*16 - 130*	*07/29/24 08:53*	*08/06/24 05:41*	*1*
2,4,6-Tribromophenol (Surr)	*40*		*15 - 141*	*07/19/24 12:42*	*07/25/24 04:15*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*15 - 141*	*07/29/24 08:53*	*08/06/24 05:41*	*1*
p-Terphenyl-d14 (Surr)	*66*		*40 - 164*	*07/19/24 12:42*	*07/25/24 04:15*	*1*
p-Terphenyl-d14 (Surr)	*73*		*40 - 164*	*07/29/24 08:53*	*08/06/24 05:41*	*1*
2-Fluorobiphenyl (Surr)	*32*		*21 - 130*	*07/19/24 12:42*	*07/25/24 04:15*	*1*
2-Fluorobiphenyl (Surr)	*59*		*21 - 130*	*07/29/24 08:53*	*08/06/24 05:41*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050		mg/L			07/19/24 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 270*		*07/19/24 16:15*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			07/19/24 16:15	1
Ethylbenzene	ND		1.0		ug/L			07/19/24 16:15	1
Toluene	ND		1.0		ug/L			07/19/24 16:15	1
Xylenes, Total	ND		2.0		ug/L			07/19/24 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*43 - 158*		*07/19/24 16:15*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/L		07/22/24 10:45	07/22/24 18:40	1
Motor Oil Range Organics [C28-C40]	ND		5.0		mg/L		07/22/24 10:45	07/22/24 18:40	1

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Client Sample Results

Client: Ensolum
Job ID: 885-8200-1
Project/Site: Trunk 6C Kutz Wash

Client Sample ID: MW-17
Lab Sample ID: 885-8200-3
Date Collected: 07/17/24 15:50
Matrix: Water
Date Received: 07/18/24 06:27

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	118		46 - 159	07/22/24 10:45	07/22/24 18:40	1

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 885-8791/1-A
Matrix: Water
Analysis Batch: 8971

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8791

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
2-Methylnaphthalene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Acenaphthene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Acenaphthylene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Anthracene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Benzo[a]anthracene	ND		0.50		ug/L		07/19/24 12:42	07/23/24 15:23	1
Benzo[a]pyrene	ND		0.40		ug/L		07/19/24 12:42	07/23/24 15:23	1
Benzo[g,h,i]perylene	ND		0.40		ug/L		07/19/24 12:42	07/23/24 15:23	1
Benzo[k]fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/23/24 15:23	1
Benzo[b]fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/23/24 15:23	1
Chrysene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Dibenz(a,h)anthracene	ND		0.40		ug/L		07/19/24 12:42	07/23/24 15:23	1
Fluoranthene	ND		0.40		ug/L		07/19/24 12:42	07/23/24 15:23	1
Fluorene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Indeno[1,2,3-cd]pyrene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Naphthalene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Phenanthrene	ND		0.30		ug/L		07/19/24 12:42	07/23/24 15:23	1
Pyrene	ND		0.50		ug/L		07/19/24 12:42	07/23/24 15:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*35*		*16 - 130*	*07/19/24 12:42*	*07/23/24 15:23*	*1*
2,4,6-Tribromophenol (Surr)	*30*		*15 - 141*	*07/19/24 12:42*	*07/23/24 15:23*	*1*
p-Terphenyl-d14 (Surr)	*61*		*40 - 164*	*07/19/24 12:42*	*07/23/24 15:23*	*1*
2-Fluorobiphenyl (Surr)	*25*		*21 - 130*	*07/19/24 12:42*	*07/23/24 15:23*	*1*

Lab Sample ID: LCS 885-8791/2-A
Matrix: Water
Analysis Batch: 8971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8791

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	0.548		ug/L		27	15 - 130
2-Methylnaphthalene	2.00	0.531		ug/L		27	15 - 130
Acenaphthene	2.00	0.603		ug/L		30	15 - 130
Acenaphthylene	2.00	0.692		ug/L		35	25 - 130
Anthracene	2.00	0.785		ug/L		39	37 - 130
Benzo[a]anthracene	2.00	1.23		ug/L		62	45 - 145
Benzo[a]pyrene	2.00	1.07		ug/L		53	42 - 136
Benzo[g,h,i]perylene	2.00	0.866	*-	ug/L		43	46 - 130
Benzo[k]fluoranthene	2.00	1.05	*-	ug/L		52	53 - 130
Benzo[b]fluoranthene	2.00	1.01		ug/L		51	48 - 137
Chrysene	2.00	0.943	*-	ug/L		47	49 - 130
Dibenz(a,h)anthracene	2.00	1.01		ug/L		50	39 - 147
Fluoranthene	2.00	1.01		ug/L		51	47 - 130
Fluorene	2.00	0.661		ug/L		33	26 - 130
Indeno[1,2,3-cd]pyrene	2.00	1.13		ug/L		57	40 - 166
Naphthalene	2.00	0.558		ug/L		28	15 - 130
Phenanthrene	2.00	0.705		ug/L		35	35 - 130
Pyrene	2.00	0.926		ug/L		46	45 - 130

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 885-8791/2-A
Matrix: Water
Analysis Batch: 8971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8791

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	*32*		*16 - 130*
2,4,6-Tribromophenol (Surr)	*28*		*15 - 141*
p-Terphenyl-d14 (Surr)	*53*		*40 - 164*
2-Fluorobiphenyl (Surr)	*19*	*S1-*	*21 - 130*

Lab Sample ID: MB 885-9329/1-A
Matrix: Water
Analysis Batch: 9479

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9329

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
2-Methylnaphthalene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Acenaphthene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Acenaphthylene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Anthracene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Benzo[a]anthracene	ND		0.50		ug/L		07/29/24 08:53	08/06/24 02:01	1
Benzo[a]pyrene	ND		0.40		ug/L		07/29/24 08:53	08/06/24 02:01	1
Benzo[g,h,i]perylene	ND		0.40		ug/L		07/29/24 08:53	08/06/24 02:01	1
Benzo[k]fluoranthene	ND		0.40		ug/L		07/29/24 08:53	08/06/24 02:01	1
Benzo[b]fluoranthene	ND		0.40		ug/L		07/29/24 08:53	08/06/24 02:01	1
Chrysene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Dibenz(a,h)anthracene	ND		0.40		ug/L		07/29/24 08:53	08/06/24 02:01	1
Fluoranthene	ND		0.40		ug/L		07/29/24 08:53	08/06/24 02:01	1
Fluorene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Indeno[1,2,3-cd]pyrene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Naphthalene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Phenanthrene	ND		0.30		ug/L		07/29/24 08:53	08/06/24 02:01	1
Pyrene	ND		0.50		ug/L		07/29/24 08:53	08/06/24 02:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	*70*		*16 - 130*	*07/29/24 08:53*	*08/06/24 02:01*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*15 - 141*	*07/29/24 08:53*	*08/06/24 02:01*	*1*
p-Terphenyl-d14 (Surr)	*81*		*40 - 164*	*07/29/24 08:53*	*08/06/24 02:01*	*1*
2-Fluorobiphenyl (Surr)	*66*		*21 - 130*	*07/29/24 08:53*	*08/06/24 02:01*	*1*

Lab Sample ID: LCS 885-9329/2-A
Matrix: Water
Analysis Batch: 9479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	2.00	0.654		ug/L		33	15 - 130
2-Methylnaphthalene	2.00	0.620		ug/L		31	15 - 130
Acenaphthene	2.00	1.05		ug/L		52	15 - 130
Acenaphthylene	2.00	1.17		ug/L		58	25 - 130
Anthracene	2.00	1.43		ug/L		71	37 - 130
Benzo[a]anthracene	2.00	1.78		ug/L		89	45 - 145
Benzo[a]pyrene	2.00	1.65		ug/L		82	42 - 136
Benzo[g,h,i]perylene	2.00	1.64		ug/L		82	46 - 130

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 885-9329/2-A
Matrix: Water
Analysis Batch: 9479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	2.00	1.56		ug/L		78	53 - 130
Benzo[b]fluoranthene	2.00	1.66		ug/L		83	48 - 137
Chrysene	2.00	1.53		ug/L		76	49 - 130
Dibenz(a,h)anthracene	2.00	1.76		ug/L		88	39 - 147
Fluoranthene	2.00	1.57		ug/L		78	47 - 130
Fluorene	2.00	1.38		ug/L		69	26 - 130
Indeno[1,2,3-cd]pyrene	2.00	1.83		ug/L		92	40 - 166
Naphthalene	2.00	0.568		ug/L		28	15 - 130
Phenanthrene	2.00	1.46		ug/L		73	35 - 130
Pyrene	2.00	1.59		ug/L		79	45 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*64*		*16 - 130*
2,4,6-Tribromophenol (Surr)	*71*		*15 - 141*
p-Terphenyl-d14 (Surr)	*76*		*40 - 164*
2-Fluorobiphenyl (Surr)	*42*		*21 - 130*

Lab Sample ID: LCSD 885-9329/3-A
Matrix: Water
Analysis Batch: 9479

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 9329

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	2.00	1.03		ug/L		51	15 - 130	45	50
2-Methylnaphthalene	2.00	1.03		ug/L		51	15 - 130	50	50
Acenaphthene	2.00	1.15		ug/L		57	15 - 130	9	50
Acenaphthylene	2.00	1.26		ug/L		63	25 - 130	8	50
Anthracene	2.00	1.31		ug/L		66	37 - 130	9	28
Benzo[a]anthracene	2.00	1.65		ug/L		83	45 - 145	7	24
Benzo[a]pyrene	2.00	1.54		ug/L		77	42 - 136	7	20
Benzo[g,h,i]perylene	2.00	1.55		ug/L		78	46 - 130	5	23
Benzo[k]fluoranthene	2.00	1.46		ug/L		73	53 - 130	6	20
Benzo[b]fluoranthene	2.00	1.55		ug/L		78	48 - 137	7	22
Chrysene	2.00	1.47		ug/L		73	49 - 130	4	20
Dibenz(a,h)anthracene	2.00	1.59		ug/L		79	39 - 147	11	26
Fluoranthene	2.00	1.48		ug/L		74	47 - 130	6	25
Fluorene	2.00	1.29		ug/L		65	26 - 130	6	45
Indeno[1,2,3-cd]pyrene	2.00	1.68		ug/L		84	40 - 166	9	24
Naphthalene	2.00	1.02	*1	ug/L		51	15 - 130	57	50
Phenanthrene	2.00	1.33		ug/L		67	35 - 130	9	33
Pyrene	2.00	1.51		ug/L		75	45 - 130	5	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*62*		*16 - 130*
2,4,6-Tribromophenol (Surr)	*69*		*15 - 141*
p-Terphenyl-d14 (Surr)	*77*		*40 - 164*
2-Fluorobiphenyl (Surr)	*55*		*21 - 130*

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-8895/12
Matrix: Water
Analysis Batch: 8895

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050		mg/L			07/19/24 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 270*		*07/19/24 11:08*	*1*

Lab Sample ID: LCS 885-8895/11
Matrix: Water
Analysis Batch: 8895

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	0.466		mg/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*195*		*15 - 270*

Lab Sample ID: 885-8200-1 MS
Matrix: Water
Analysis Batch: 8895

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		0.500	0.428		mg/L		86	41 - 148		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*192*		*15 - 270*

Lab Sample ID: 885-8200-1 MSD
Matrix: Water
Analysis Batch: 8895

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		0.500	0.434		mg/L		87	41 - 148	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*196*		*15 - 270*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-8896/17
Matrix: Water
Analysis Batch: 8896

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			07/19/24 11:08	1
Ethylbenzene	ND		1.0		ug/L			07/19/24 11:08	1
Toluene	ND		1.0		ug/L			07/19/24 11:08	1

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-8896/17
Matrix: Water
Analysis Batch: 8896

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0		ug/L			07/19/24 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*43 - 158*		*07/19/24 11:08*	*1*

Lab Sample ID: LCS 885-8896/16
Matrix: Water
Analysis Batch: 8896

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	17.5		ug/L		88	70 - 130		
Ethylbenzene			20.0	16.7		ug/L		83	70 - 130		
Toluene			20.0	16.7		ug/L		83	70 - 130		
Xylenes, Total			60.0	50.3		ug/L		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*43 - 158*

Lab Sample ID: 885-8200-2 MS
Matrix: Water
Analysis Batch: 8896

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	11		20.0	28.1		ug/L		85	70 - 130		
Ethylbenzene	4.4		20.0	21.0		ug/L		83	70 - 130		
Toluene	ND		20.0	16.5		ug/L		81	70 - 130		
Xylenes, Total	15		60.0	63.2		ug/L		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*43 - 158*

Lab Sample ID: 885-8200-2 MSD
Matrix: Water
Analysis Batch: 8896

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	11		20.0	27.8		ug/L		84	70 - 130	1	20
Ethylbenzene	4.4		20.0	21.2		ug/L		84	70 - 130	1	20
Toluene	ND		20.0	16.5		ug/L		81	70 - 130	0	20
Xylenes, Total	15		60.0	64.0		ug/L		81	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*43 - 158*

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-8200-1

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-8894/1-A
Matrix: Water
Analysis Batch: 8875

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8894

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/L		07/22/24 10:45	07/22/24 17:44	1
Motor Oil Range Organics [C28-C40]	ND		5.0		mg/L		07/22/24 10:45	07/22/24 17:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*127*		*46 - 159*	*07/22/24 10:45*	*07/22/24 17:44*	*1*

Lab Sample ID: LCS 885-8894/2-A
Matrix: Water
Analysis Batch: 8875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8894

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			2.50	2.89		mg/L		116	57 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*126*		*46 - 159*

Lab Sample ID: 885-8200-3 MS
Matrix: Water
Analysis Batch: 8875

Client Sample ID: MW-17
Prep Type: Total/NA
Prep Batch: 8894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		2.50	2.90		mg/L		116	33 - 161		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*123*		*46 - 159*

Lab Sample ID: 885-8200-3 MSD
Matrix: Water
Analysis Batch: 8875

Client Sample ID: MW-17
Prep Type: Total/NA
Prep Batch: 8894

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		2.50	2.86		mg/L		114	33 - 161	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*123*		*46 - 159*

QC Association Summary

Client: Ensolum
Job ID: 885-8200-1
Project/Site: Trunk 6C Kutz Wash

GC/MS Semi VOA

Prep Batch: 8791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-1	MW-2	Total/NA	Water	3510C	
885-8200-2	MW-1	Total/NA	Water	3510C	
885-8200-3	MW-17	Total/NA	Water	3510C	
MB 885-8791/1-A	Method Blank	Total/NA	Water	3510C	
LCS 885-8791/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 8971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-8791/1-A	Method Blank	Total/NA	Water	8270C SIM	8791
LCS 885-8791/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	8791

Analysis Batch: 9083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-1	MW-2	Total/NA	Water	8270C SIM	8791
885-8200-2	MW-1	Total/NA	Water	8270C SIM	8791
885-8200-3	MW-17	Total/NA	Water	8270C SIM	8791

Prep Batch: 9329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-1	MW-2	Total/NA	Water	3510C	
885-8200-2	MW-1	Total/NA	Water	3510C	
885-8200-3	MW-17	Total/NA	Water	3510C	
MB 885-9329/1-A	Method Blank	Total/NA	Water	3510C	
LCS 885-9329/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 885-9329/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 9479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-1	MW-2	Total/NA	Water	8270C SIM	9329
885-8200-2	MW-1	Total/NA	Water	8270C SIM	9329
885-8200-3	MW-17	Total/NA	Water	8270C SIM	9329
MB 885-9329/1-A	Method Blank	Total/NA	Water	8270C SIM	9329
LCS 885-9329/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	9329
LCSD 885-9329/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	9329

GC VOA

Analysis Batch: 8895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-1	MW-2	Total/NA	Water	8015D	
885-8200-2	MW-1	Total/NA	Water	8015D	
885-8200-3	MW-17	Total/NA	Water	8015D	
MB 885-8895/12	Method Blank	Total/NA	Water	8015D	
LCS 885-8895/11	Lab Control Sample	Total/NA	Water	8015D	
885-8200-1 MS	MW-2	Total/NA	Water	8015D	
885-8200-1 MSD	MW-2	Total/NA	Water	8015D	

Analysis Batch: 8896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-1	MW-2	Total/NA	Water	8021B	
885-8200-2	MW-1	Total/NA	Water	8021B	

QC Association Summary

Client: Ensolum
Job ID: 885-8200-1
Project/Site: Trunk 6C Kutz Wash

GC VOA (Continued)

Analysis Batch: 8896 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-3	MW-17	Total/NA	Water	8021B	
MB 885-8896/17	Method Blank	Total/NA	Water	8021B	
LCS 885-8896/16	Lab Control Sample	Total/NA	Water	8021B	
885-8200-2 MS	MW-1	Total/NA	Water	8021B	
885-8200-2 MSD	MW-1	Total/NA	Water	8021B	

GC Semi VOA

Analysis Batch: 8875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-1	MW-2	Total/NA	Water	8015D	8894
885-8200-2	MW-1	Total/NA	Water	8015D	8894
885-8200-3	MW-17	Total/NA	Water	8015D	8894
MB 885-8894/1-A	Method Blank	Total/NA	Water	8015D	8894
LCS 885-8894/2-A	Lab Control Sample	Total/NA	Water	8015D	8894
885-8200-3 MS	MW-17	Total/NA	Water	8015D	8894
885-8200-3 MSD	MW-17	Total/NA	Water	8015D	8894

Prep Batch: 8894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8200-1	MW-2	Total/NA	Water	3511	
885-8200-2	MW-1	Total/NA	Water	3511	
885-8200-3	MW-17	Total/NA	Water	3511	
MB 885-8894/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-8894/2-A	Lab Control Sample	Total/NA	Water	3511	
885-8200-3 MS	MW-17	Total/NA	Water	3511	
885-8200-3 MSD	MW-17	Total/NA	Water	3511	

Lab Chronicle

Client: Ensolum
Job ID: 885-8200-1
Project/Site: Trunk 6C Kutz Wash

Client Sample ID: MW-2
Lab Sample ID: 885-8200-1
Date Collected: 07/17/24 12:45
Matrix: Water
Date Received: 07/18/24 06:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			8791	PD	EET ALB	07/19/24 12:42
Total/NA	Analysis	8270C SIM		1	9083	SB	EET ALB	07/25/24 02:48
Total/NA	Prep	3510C			9329	JM	EET ALB	07/29/24 08:53
Total/NA	Analysis	8270C SIM		1	9479	JE	EET ALB	08/06/24 04:14
Total/NA	Analysis	8015D		1	8895	JP	EET ALB	07/19/24 15:28
Total/NA	Analysis	8021B		1	8896	JP	EET ALB	07/19/24 15:28
Total/NA	Prep	3511			8894	KR	EET ALB	07/22/24 10:45
Total/NA	Analysis	8015D		1	8875	KR	EET ALB	07/22/24 18:18

Client Sample ID: MW-1
Lab Sample ID: 885-8200-2
Date Collected: 07/17/24 14:40
Matrix: Water
Date Received: 07/18/24 06:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			8791	PD	EET ALB	07/19/24 12:42
Total/NA	Analysis	8270C SIM		1	9083	SB	EET ALB	07/25/24 03:31
Total/NA	Prep	3510C			9329	JM	EET ALB	07/29/24 08:53
Total/NA	Analysis	8270C SIM		1	9479	JE	EET ALB	08/06/24 04:57
Total/NA	Analysis	8015D		1	8895	JP	EET ALB	07/19/24 22:33
Total/NA	Analysis	8021B		1	8896	JP	EET ALB	07/19/24 22:33
Total/NA	Prep	3511			8894	KR	EET ALB	07/22/24 10:45
Total/NA	Analysis	8015D		1	8875	KR	EET ALB	07/22/24 18:29

Client Sample ID: MW-17
Lab Sample ID: 885-8200-3
Date Collected: 07/17/24 15:50
Matrix: Water
Date Received: 07/18/24 06:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			8791	PD	EET ALB	07/19/24 12:42
Total/NA	Analysis	8270C SIM		1	9083	SB	EET ALB	07/25/24 04:15
Total/NA	Prep	3510C			9329	JM	EET ALB	07/29/24 08:53
Total/NA	Analysis	8270C SIM		1	9479	JE	EET ALB	08/06/24 05:41
Total/NA	Analysis	8015D		1	8895	JP	EET ALB	07/19/24 16:15
Total/NA	Analysis	8021B		1	8896	JP	EET ALB	07/19/24 16:15
Total/NA	Prep	3511			8894	KR	EET ALB	07/22/24 10:45
Total/NA	Analysis	8015D		1	8875	KR	EET ALB	07/22/24 18:40

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-8200-1
Project/Site: Trunk 6C Kutz Wash

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

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
8270C SIM	3510C	Water	1-Methylnaphthalene

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 606 S. Rio Grande, Suite A Aztec, NM 87410

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Trunk 6C Kutz Wash

Project #: 05A1226011

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 5.1 - 0.1 = 5.0 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORA
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-8200 COC

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 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)
7/17/24	12:45	W	MW-2	5x 40mL VOA, 1x1L Amber, 3 Tags	HCl/cool	1	X	X			X					
7/17/24	14:40	W	MW-1	1x250mL Amber	HCl/cool	2	X	X			X					
7/17/24	15:50	W	MW-17	Glass	HCl/cool	3	X	X			X					

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7/17/24	1713				7/17/24	1713
7/17/24	1745			courier	7/18/24	6:27

Remarks: Bill to Ensolum

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: Ensolum Job Number: 885-8200-1

Login Number: 8200 **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	IDs on containers do not match the COC. Logged in per 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: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

Generated 2/28/2025 8:49:46 AM Revision 1

JOB DESCRIPTION

Trunk 6C Kutz Wash

JOB NUMBER

885-18304-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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
2/28/2025 8:49:46 AM
Revision 1

Authorized for release by
John Caldwell, Project Manager
john.caldwell@et.eurofinsus.com
(505)345-3975

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Laboratory Job ID: 885-18304-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-18304-1
Project/Site: Trunk 6C Kutz Wash

Glossary

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

Case Narrative

Client: Ensolum
Project: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Job ID: 885-18304-1 Eurofins Albuquerque

Job Narrative
885-18304-1

REVISION

The report being provided is a revision of the original report sent on 1/22/2025. The report (revision 1) is being revised due to Update the year on the COC to 2025.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 1/14/2025 7:15 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 0.2°C.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-211141 recovered above the upper control limit for Benzo[k]fluoranthene and Chrysene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-211141/2).

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.

GC 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.

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Client Sample ID: MW-15

Date Collected: 01/13/25 09:50
Date Received: 01/14/25 07:15

Lab Sample ID: 885-18304-1

Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.6**		1.0		ug/L			01/16/25 20:15	1
Ethylbenzene	**1.9**		1.0		ug/L			01/16/25 20:15	1
Toluene	ND		1.0		ug/L			01/16/25 20:15	1
Xylenes, Total	**16**		2.0		ug/L			01/16/25 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*43 - 158*		*01/16/25 20:15*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Client Sample ID: MW-8

Date Collected: 01/13/25 10:40
Date Received: 01/14/25 07:15

Lab Sample ID: 885-18304-2

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
2-Methylnaphthalene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Acenaphthene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Acenaphthylene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Anthracene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Benzo[a]anthracene	ND		0.028		ug/L		01/16/25 07:10	01/17/25 19:01	1
Benzo[a]pyrene	ND		0.057		ug/L		01/16/25 07:10	01/17/25 19:01	1
Benzo[b]fluoranthene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Benzo[g,h,i]perylene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Benzo[k]fluoranthene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Chrysene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Dibenz(a,h)anthracene	ND		0.11		ug/L		01/16/25 07:10	01/17/25 19:01	1
Fluoranthene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Fluorene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Indeno[1,2,3-cd]pyrene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Naphthalene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Phenanthrene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1
Pyrene	ND		0.57		ug/L		01/16/25 07:10	01/17/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*43 - 130*	*01/16/25 07:10*	*01/17/25 19:01*	*1*
Nitrobenzene-d5 (Surr)	*86*		*37 - 133*	*01/16/25 07:10*	*01/17/25 19:01*	*1*
p-Terphenyl-d14 (Surr)	*72*		*47 - 130*	*01/16/25 07:10*	*01/17/25 19:01*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050		mg/L			01/17/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 270*		*01/17/25 11:43*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 20:38	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 20:38	1
Toluene	ND		1.0		ug/L			01/16/25 20:38	1
Xylenes, Total	**2.9**		2.0		ug/L			01/16/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*43 - 158*		*01/16/25 20:38*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/L		01/17/25 11:30	01/17/25 21:15	1
Motor Oil Range Organics [C28-C40]	ND		5.0		mg/L		01/17/25 11:30	01/17/25 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*46 - 159*	*01/17/25 11:30*	*01/17/25 21:15*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Client Sample ID: MW-7

Date Collected: 01/13/25 11:45
Date Received: 01/14/25 07:15

Lab Sample ID: 885-18304-3

Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 21:02	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 21:02	1
Toluene	ND		1.0		ug/L			01/16/25 21:02	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*43 - 158*		*01/16/25 21:02*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Client Sample ID: MW-6

Date Collected: 01/13/25 12:25
Date Received: 01/14/25 07:15

Lab Sample ID: 885-18304-4

Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 21:50	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 21:50	1
Toluene	ND		1.0		ug/L			01/16/25 21:50	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*43 - 158*		*01/16/25 21:50*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Client Sample ID: MW-5
Date Collected: 01/13/25 13:05
Date Received: 01/14/25 07:15

Lab Sample ID: 885-18304-5
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 22:14	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 22:14	1
Toluene	ND		1.0		ug/L			01/16/25 22:14	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*43 - 158*		*01/16/25 22:14*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Client Sample ID: MW-9
Date Collected: 01/13/25 13:40
Date Received: 01/14/25 07:15

Lab Sample ID: 885-18304-6
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 22:37	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 22:37	1
Toluene	ND		1.0		ug/L			01/16/25 22:37	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*43 - 158*		*01/16/25 22:37*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Client Sample ID: MW-4
Date Collected: 01/13/25 14:10
Date Received: 01/14/25 07:15

Lab Sample ID: 885-18304-7
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 23:01	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 23:01	1
Toluene	ND		1.0		ug/L			01/16/25 23:01	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*43 - 158*		*01/16/25 23:01*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Client Sample ID: MW-2

Date Collected: 01/13/25 14:40
Date Received: 01/14/25 07:15

Lab Sample ID: 885-18304-8

Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 23:24	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 23:24	1
Toluene	ND		1.0		ug/L			01/16/25 23:24	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*43 - 158*		*01/16/25 23:24*	*1*

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-211003/1-A
Matrix: Water
Analysis Batch: 211141

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 211003

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
2-Methylnaphthalene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Acenaphthene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Acenaphthylene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Anthracene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Benzo[a]anthracene	ND		0.029		ug/L		01/16/25 07:10	01/16/25 16:18	1
Benzo[a]pyrene	ND		0.057		ug/L		01/16/25 07:10	01/16/25 16:18	1
Benzo[b]fluoranthene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Benzo[g,h,i]perylene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Benzo[k]fluoranthene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Chrysene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Dibenz(a,h)anthracene	ND		0.11		ug/L		01/16/25 07:10	01/16/25 16:18	1
Fluoranthene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Fluorene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Indeno[1,2,3-cd]pyrene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Naphthalene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Phenanthrene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1
Pyrene	ND		0.57		ug/L		01/16/25 07:10	01/16/25 16:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*43 - 130*	*01/16/25 07:10*	*01/16/25 16:18*	*1*
Nitrobenzene-d5 (Surr)	*75*		*37 - 133*	*01/16/25 07:10*	*01/16/25 16:18*	*1*
p-Terphenyl-d14 (Surr)	*101*		*47 - 130*	*01/16/25 07:10*	*01/16/25 16:18*	*1*

Lab Sample ID: LCS 860-211003/2-A
Matrix: Water
Analysis Batch: 211141

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 211003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	4.08		ug/L		71	52 - 130
2-Methylnaphthalene	5.71	4.37		ug/L		76	25 - 175
Acenaphthene	5.71	5.00		ug/L		87	60 - 132
Acenaphthylene	5.71	3.67		ug/L		64	54 - 126
Anthracene	5.71	4.45		ug/L		78	43 - 135
Benzo[a]anthracene	5.71	3.98		ug/L		70	42 - 133
Benzo[a]pyrene	5.71	4.46		ug/L		78	32 - 148
Benzo[b]fluoranthene	5.71	5.43		ug/L		95	42 - 140
Benzo[g,h,i]perylene	5.71	5.07		ug/L		89	25 - 195
Benzo[k]fluoranthene	5.71	6.50		ug/L		114	25 - 146
Chrysene	5.71	5.65		ug/L		99	47 - 130
Dibenz(a,h)anthracene	5.71	5.04		ug/L		88	32 - 200
Fluoranthene	5.71	4.20		ug/L		73	43 - 130
Fluorene	5.71	4.90		ug/L		86	70 - 130
Indeno[1,2,3-cd]pyrene	5.71	3.98		ug/L		70	29 - 151
Naphthalene	5.71	4.15		ug/L		73	36 - 120
Phenanthrene	5.71	4.87		ug/L		85	65 - 120
Pyrene	5.71	5.22		ug/L		91	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-211003/2-A
Matrix: Water
Analysis Batch: 211141

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 211003

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	86		43 - 130
Nitrobenzene-d5 (Surr)	76		37 - 133
p-Terphenyl-d14 (Surr)	91		47 - 130

Lab Sample ID: LCSD 860-211003/3-A
Matrix: Water
Analysis Batch: 211141

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 211003

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	4.58		ug/L		80	52 - 130	12	30
2-Methylnaphthalene			5.71	4.92		ug/L		86	25 - 175	12	30
Acenaphthene			5.71	4.90		ug/L		86	60 - 132	2	30
Acenaphthylene			5.71	4.18		ug/L		73	54 - 126	13	30
Anthracene			5.71	4.88		ug/L		85	43 - 135	9	30
Benzo[a]anthracene			5.71	4.77		ug/L		84	42 - 133	18	30
Benzo[a]pyrene			5.71	4.60		ug/L		80	32 - 148	3	30
Benzo[b]fluoranthene			5.71	5.73		ug/L		100	42 - 140	5	30
Benzo[g,h,i]perylene			5.71	5.30		ug/L		93	25 - 195	5	30
Benzo[k]fluoranthene			5.71	6.76		ug/L		118	25 - 146	4	30
Chrysene			5.71	6.31		ug/L		110	47 - 130	11	30
Dibenz(a,h)anthracene			5.71	5.38		ug/L		94	32 - 200	7	30
Fluoranthene			5.71	4.57		ug/L		80	43 - 130	9	30
Fluorene			5.71	4.96		ug/L		87	70 - 130	1	30
Indeno[1,2,3-cd]pyrene			5.71	4.26		ug/L		75	29 - 151	7	30
Naphthalene			5.71	4.67		ug/L		82	36 - 120	12	30
Phenanthrene			5.71	5.24		ug/L		92	65 - 120	7	30
Pyrene			5.71	5.93		ug/L		104	70 - 130	13	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	77		43 - 130
Nitrobenzene-d5 (Surr)	76		37 - 133
p-Terphenyl-d14 (Surr)	92		47 - 130

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-19476/4
Matrix: Water
Analysis Batch: 19476

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		0.050		mg/L			01/17/25 11:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 270		01/17/25 11:19	1

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-19476/3
Matrix: Water
Analysis Batch: 19476

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	0.471		mg/L		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*202*		*15 - 270*

Lab Sample ID: 885-18304-2 MS
Matrix: Water
Analysis Batch: 19476

Client Sample ID: MW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		0.500	0.478		mg/L		88	41 - 148		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*209*		*15 - 270*

Lab Sample ID: 885-18304-2 MSD
Matrix: Water
Analysis Batch: 19476

Client Sample ID: MW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		0.500	0.487		mg/L		90	41 - 148	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*212*		*15 - 270*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-19454/20
Matrix: Water
Analysis Batch: 19454

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 16:17	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 16:17	1
Toluene	ND		1.0		ug/L			01/16/25 16:17	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 16:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*43 - 158*		*01/16/25 16:17*	*1*

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-19454/19
Matrix: Water
Analysis Batch: 19454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	22.0		ug/L		110	70 - 130		
Ethylbenzene			20.0	22.4		ug/L		112	70 - 130		
Toluene			20.0	22.2		ug/L		111	70 - 130		
Xylenes, Total			60.0	66.7		ug/L		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*43 - 158*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-19493/1-A
Matrix: Water
Analysis Batch: 19471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19493

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/L		01/17/25 11:30	01/17/25 20:54	1
Motor Oil Range Organics [C28-C40]	ND		5.0		mg/L		01/17/25 11:30	01/17/25 20:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*46 - 159*	*01/17/25 11:30*	*01/17/25 20:54*	*1*

Lab Sample ID: LCS 885-19493/2-A
Matrix: Water
Analysis Batch: 19471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19493

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			2.50	2.22		mg/L		89	57 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*93*		*46 - 159*

Lab Sample ID: 885-18304-2 MS
Matrix: Water
Analysis Batch: 19471

Client Sample ID: MW-8
Prep Type: Total/NA
Prep Batch: 19493

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		2.50	2.34		mg/L		94	33 - 161		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*94*		*46 - 159*

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-18304-2 MSD
Matrix: Water
Analysis Batch: 19471

Client Sample ID: MW-8
Prep Type: Total/NA
Prep Batch: 19493

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		2.50	2.42		mg/L		97	33 - 161	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*96*		*46 - 159*

QC Association Summary

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

GC/MS Semi VOA

Prep Batch: 211003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18304-2	MW-8	Total/NA	Water	3511	
MB 860-211003/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-211003/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-211003/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 211141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-211003/1-A	Method Blank	Total/NA	Water	8270E	211003
LCS 860-211003/2-A	Lab Control Sample	Total/NA	Water	8270E	211003
LCSD 860-211003/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	211003

Analysis Batch: 211357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18304-2	MW-8	Total/NA	Water	8270E	211003

GC VOA

Analysis Batch: 19454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18304-1	MW-15	Total/NA	Water	8021B	
885-18304-2	MW-8	Total/NA	Water	8021B	
885-18304-3	MW-7	Total/NA	Water	8021B	
885-18304-4	MW-6	Total/NA	Water	8021B	
885-18304-5	MW-5	Total/NA	Water	8021B	
885-18304-6	MW-9	Total/NA	Water	8021B	
885-18304-7	MW-4	Total/NA	Water	8021B	
885-18304-8	MW-2	Total/NA	Water	8021B	
MB 885-19454/20	Method Blank	Total/NA	Water	8021B	
LCS 885-19454/19	Lab Control Sample	Total/NA	Water	8021B	

Analysis Batch: 19476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18304-2	MW-8	Total/NA	Water	8015D	
MB 885-19476/4	Method Blank	Total/NA	Water	8015D	
LCS 885-19476/3	Lab Control Sample	Total/NA	Water	8015D	
885-18304-2 MS	MW-8	Total/NA	Water	8015D	
885-18304-2 MSD	MW-8	Total/NA	Water	8015D	

GC Semi VOA

Analysis Batch: 19471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18304-2	MW-8	Total/NA	Water	8015D	19493
MB 885-19493/1-A	Method Blank	Total/NA	Water	8015D	19493
LCS 885-19493/2-A	Lab Control Sample	Total/NA	Water	8015D	19493
885-18304-2 MS	MW-8	Total/NA	Water	8015D	19493
885-18304-2 MSD	MW-8	Total/NA	Water	8015D	19493

Prep Batch: 19493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18304-2	MW-8	Total/NA	Water	3511	
MB 885-19493/1-A	Method Blank	Total/NA	Water	3511	

QC Association Summary

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18304-1

GC Semi VOA (Continued)

Prep Batch: 19493 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-19493/2-A	Lab Control Sample	Total/NA	Water	3511	
885-18304-2 MS	MW-8	Total/NA	Water	3511	
885-18304-2 MSD	MW-8	Total/NA	Water	3511	

Lab Chronicle

Client: Ensolum
Job ID: 885-18304-1
Project/Site: Trunk 6C Kutz Wash

Client Sample ID: MW-15
Lab Sample ID: 885-18304-1
Date Collected: 01/13/25 09:50
Matrix: Water
Date Received: 01/14/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 20:15

Client Sample ID: MW-8
Lab Sample ID: 885-18304-2
Date Collected: 01/13/25 10:40
Matrix: Water
Date Received: 01/14/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			211003	DR	EET HOU	01/16/25 07:10
Total/NA	Analysis	8270E		1	211357	LPL	EET HOU	01/17/25 19:01
Total/NA	Analysis	8015D		1	19476	JP	EET ALB	01/17/25 11:43
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 20:38
Total/NA	Prep	3511			19493	EM	EET ALB	01/17/25 11:30
Total/NA	Analysis	8015D		1	19471	EM	EET ALB	01/17/25 21:15

Client Sample ID: MW-7
Lab Sample ID: 885-18304-3
Date Collected: 01/13/25 11:45
Matrix: Water
Date Received: 01/14/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 21:02

Client Sample ID: MW-6
Lab Sample ID: 885-18304-4
Date Collected: 01/13/25 12:25
Matrix: Water
Date Received: 01/14/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 21:50

Client Sample ID: MW-5
Lab Sample ID: 885-18304-5
Date Collected: 01/13/25 13:05
Matrix: Water
Date Received: 01/14/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 22:14

Client Sample ID: MW-9
Lab Sample ID: 885-18304-6
Date Collected: 01/13/25 13:40
Matrix: Water
Date Received: 01/14/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 22:37

Lab Chronicle

Client: Ensolum
Job ID: 885-18304-1
Project/Site: Trunk 6C Kutz Wash

Client Sample ID: MW-4
Lab Sample ID: 885-18304-7
Date Collected: 01/13/25 14:10
Matrix: Water
Date Received: 01/14/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 23:01

Client Sample ID: MW-2
Lab Sample ID: 885-18304-8
Date Collected: 01/13/25 14:40
Matrix: Water
Date Received: 01/14/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 23:24

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-18304-1
Project/Site: Trunk 6C Kutz Wash

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-25

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	01-27-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 606 S. Rio Grande, Suite A
Aztec, NM 87410

Phone #:

email or Fax#: ksummers@ensolum.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Trunk 6C Kutz Wash

Project #: 05A122-0011

Project Manager: K. Summers

Sampler: L. Daniel

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 0.1+0.1=0.2 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8711
Tel. 505-345-3975 Fax 505-345-4107
885-18304 COC

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 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)
1/13/25	9:50	W	MW-15	3x Pre-Wt HCl	HCl		X	X								
	10:40	W	MW-8	5x Pre-Wt 1L Amber Cool	Cool		X	X			X					
	11:45	W	MW-7	3x Pre-Wt HCl	HCl		X									
	12:35	W	MW-6				X									
	13:05	W	MW-5				X									
	12:40	W	MW-9				X									
	14:10	W	MW-4				X									
↓	14:40	W	MW-2	↓	↓		X									

Remarks: Bill to Ensolum

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
1/13/25	1634				1/13/25	1638
1/13/25	1745				1/14/25	7:15

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 noted on the analytical report.

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-18304-1

Login Number: 18304 **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.	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	

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-18304-1

Login Number: 18304
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 01/15/25 01:37 PM

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: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

Generated 2/28/2025 8:53:12 AM Revision 1

JOB DESCRIPTION

Trunk 6C Kutz Wash

JOB NUMBER

885-18393-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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
2/28/2025 8:53:12 AM
Revision 1

Authorized for release by
John Caldwell, Project Manager
john.caldwell@et.eurofinsus.com
(505)345-3975

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Laboratory Job ID: 885-18393-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-18393-1
Project/Site: Trunk 6C Kutz Wash

Glossary

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

Case Narrative

Client: Ensolum
Project: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Job ID: 885-18393-1 Eurofins Albuquerque

Job Narrative
885-18393-1

REVISION

The report being provided is a revision of the original report sent on 1/22/2025. The report (revision 1) is being revised due to Update the year on the COC to 2025.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 1/15/2025 7:10 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.

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

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Client Sample ID: MW-14

Date Collected: 01/14/25 08:45
Date Received: 01/15/25 07:10

Lab Sample ID: 885-18393-1

Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 16:41	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 16:41	1
Toluene	ND		1.0		ug/L			01/16/25 16:41	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*43 - 158*		*01/16/25 16:41*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Client Sample ID: MW-3
Date Collected: 01/14/25 09:20
Date Received: 01/15/25 07:10

Lab Sample ID: 885-18393-2
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 17:52	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 17:52	1
Toluene	ND		1.0		ug/L			01/16/25 17:52	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*43 - 158*		*01/16/25 17:52*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Client Sample ID: MW-10
Date Collected: 01/14/25 09:30
Date Received: 01/15/25 07:10

Lab Sample ID: 885-18393-3
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 18:16	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 18:16	1
Toluene	ND		1.0		ug/L			01/16/25 18:16	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*43 - 158*		*01/16/25 18:16*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Client Sample ID: MW-11
Date Collected: 01/14/25 10:25
Date Received: 01/15/25 07:10

Lab Sample ID: 885-18393-4
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 18:40	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 18:40	1
Toluene	ND		1.0		ug/L			01/16/25 18:40	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*43 - 158*		*01/16/25 18:40*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Client Sample ID: MW-17
Date Collected: 01/14/25 10:55
Date Received: 01/15/25 07:10

Lab Sample ID: 885-18393-5
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.1**		1.0		ug/L			01/16/25 19:04	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 19:04	1
Toluene	ND		1.0		ug/L			01/16/25 19:04	1
Xylenes, Total	**2.4**		2.0		ug/L			01/16/25 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*43 - 158*		*01/16/25 19:04*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Client Sample ID: MW-1
Date Collected: 01/14/25 11:30
Date Received: 01/15/25 07:10

Lab Sample ID: 885-18393-6
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	37		1.0		ug/L			01/16/25 19:27	1
Ethylbenzene	17		1.0		ug/L			01/16/25 19:27	1
Toluene	1.7		1.0		ug/L			01/16/25 19:27	1
Xylenes, Total	50		2.0		ug/L			01/16/25 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*43 - 158*		*01/16/25 19:27*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Client Sample ID: MW-13
Date Collected: 01/14/25 12:15
Date Received: 01/15/25 07:10

Lab Sample ID: 885-18393-7
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 19:51	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 19:51	1
Toluene	ND		1.0		ug/L			01/16/25 19:51	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*43 - 158*		*01/16/25 19:51*	*1*

QC Sample Results

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-19454/20
Matrix: Water
Analysis Batch: 19454

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/16/25 16:17	1
Ethylbenzene	ND		1.0		ug/L			01/16/25 16:17	1
Toluene	ND		1.0		ug/L			01/16/25 16:17	1
Xylenes, Total	ND		2.0		ug/L			01/16/25 16:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*43 - 158*		*01/16/25 16:17*	*1*

Lab Sample ID: LCS 885-19454/19
Matrix: Water
Analysis Batch: 19454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	22.0		ug/L		110	70 - 130		
Ethylbenzene			20.0	22.4		ug/L		112	70 - 130		
Toluene			20.0	22.2		ug/L		111	70 - 130		
Xylenes, Total			60.0	66.7		ug/L		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*43 - 158*

Lab Sample ID: 885-18393-1 MS
Matrix: Water
Analysis Batch: 19454

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		
Benzene	ND		20.0	22.0		ug/L		110	70 - 130		
Ethylbenzene	ND		20.0	22.6		ug/L		113	70 - 130		
Toluene	ND		20.0	22.4		ug/L		112	70 - 130		
Xylenes, Total	ND		60.0	67.1		ug/L		112	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*43 - 158*

Lab Sample ID: 885-18393-1 MSD
Matrix: Water
Analysis Batch: 19454

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
Benzene	ND		20.0	21.3		ug/L		106	70 - 130	3	20
Ethylbenzene	ND		20.0	22.7		ug/L		114	70 - 130	0	20
Toluene	ND		20.0	22.1		ug/L		110	70 - 130	1	20
Xylenes, Total	ND		60.0	67.0		ug/L		112	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*43 - 158*

QC Association Summary

Client: Ensolum
Project/Site: Trunk 6C Kutz Wash

Job ID: 885-18393-1

GC VOA

Analysis Batch: 19454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18393-1	MW-14	Total/NA	Water	8021B	
885-18393-2	MW-3	Total/NA	Water	8021B	
885-18393-3	MW-10	Total/NA	Water	8021B	
885-18393-4	MW-11	Total/NA	Water	8021B	
885-18393-5	MW-17	Total/NA	Water	8021B	
885-18393-6	MW-1	Total/NA	Water	8021B	
885-18393-7	MW-13	Total/NA	Water	8021B	
MB 885-19454/20	Method Blank	Total/NA	Water	8021B	
LCS 885-19454/19	Lab Control Sample	Total/NA	Water	8021B	
885-18393-1 MS	MW-14	Total/NA	Water	8021B	
885-18393-1 MSD	MW-14	Total/NA	Water	8021B	

Lab Chronicle

Client: Ensolum
Job ID: 885-18393-1
Project/Site: Trunk 6C Kutz Wash

Client Sample ID: MW-14
Lab Sample ID: 885-18393-1
Date Collected: 01/14/25 08:45
Matrix: Water
Date Received: 01/15/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 16:41

Client Sample ID: MW-3
Lab Sample ID: 885-18393-2
Date Collected: 01/14/25 09:20
Matrix: Water
Date Received: 01/15/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 17:52

Client Sample ID: MW-10
Lab Sample ID: 885-18393-3
Date Collected: 01/14/25 09:30
Matrix: Water
Date Received: 01/15/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 18:16

Client Sample ID: MW-11
Lab Sample ID: 885-18393-4
Date Collected: 01/14/25 10:25
Matrix: Water
Date Received: 01/15/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 18:40

Client Sample ID: MW-17
Lab Sample ID: 885-18393-5
Date Collected: 01/14/25 10:55
Matrix: Water
Date Received: 01/15/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 19:04

Client Sample ID: MW-1
Lab Sample ID: 885-18393-6
Date Collected: 01/14/25 11:30
Matrix: Water
Date Received: 01/15/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 19:27

Client Sample ID: MW-13
Lab Sample ID: 885-18393-7
Date Collected: 01/14/25 12:15
Matrix: Water
Date Received: 01/15/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	19454	JP	EET ALB	01/16/25 19:51

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-18393-1
Project/Site: Trunk 6C Kutz Wash

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-25

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Trunk C Kutz Wash

Project #: 05A12260101

Project Manager: K. Summers

Sampler: L. Daniel

On Ice: ☐ Yes ☐ No

# of Coolers: 1 (Yeti)

Cooler Temp (including CF): 0.9-0=0.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABO
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87
Tel. 505-345-3975 Fax 505-345-4107

885-18393 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMBs (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)
1/14/25	9:45 9:20	W	MW-14	3x40 ml vials	HCl	1	X									
1/14/25	9:20	W	MW-3			2	X									
1/14/25	9:30	W	MW-10			3	X									
1/14/25	10:25	W	MW-11			4	X									
1/14/25	10:55	W	MW-17			5	X									
1/14/25	11:30	W	MW-1			6	X									
1/14/25	12:15	W	MW-13			7	X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
1/14/25	1427				1/14/25	1427
1/14/25	1717			Courier	1/16/25	9:10

Remarks: Bill to Ensolum

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: Ensolum Job Number: 885-18393-1

Login Number: 18393 **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.	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	

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 443562
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Groundwater report approved.	6/11/2025
amaxwell	Request to return MW-15 to semi-annual monitoring (from annual) is approved. Due to OCD's delayed approval of this report, please conduct semi annual monitoring as soon as possible.	6/11/2025